

Reference	TR RAN
Covering dates	1768-1971
Extent	48 series
Source of acquisition	Material deposited on permanent loan, September 1969 T69/4 July 1970 T70/2 February 1972 T72/42 June 1973 T73/17 Temporary loan for copying, June 1973 T73/18
Creators	Ransomes, Sims and Jefferies Ltd, agricultural manufacturers
Arrangement	TR RAN/AC ACCOUNTS TR RAN/AC1 Ledgers TR RAN/AC5 Cost Accounts TR RAN/AC6 Other Accounts TR RAN/AC7 Financial Statements TR RAN/AC8 Branch Accounts TR RAN/AC9 Invoices and Accounting Papers TR RAN/AD ADMINISTRATIVE AND COMMERCIAL RECORDS TR RAN/AD1 Minutes and Proceedings of Board Meetings TR RAN/AD2 General Administrative and Commercial Records TR RAN/AD3 Labour Records TR RAN/AD4 Premises Records TR RAN/AD5 Materials Records TR RAN/AD6 Branch Records TR RAN/AD7 Commercial Records TR RAN/AD8 General Correspondence TR RAN/AD9 Minor Administrative Records TR RAN/CO LEGAL RECORDS OF COMPANIES AND BUSINESSES TR RAN/CO1 Records of Partnerships, including Capital TR RAN/CO2 Records of Registered Companies, including Capital TR RAN/CO3 External Agreements TR RAN/CO4 Real Estate Records TR RAN/CO5 Patenting Records TR RAN/CO6 Trade Mark Records TR RAN/DO DRAWING RECORDS TR RAN/DO1 Drawings TR RAN/DO2 Registers and Indexes TR RAN/ET TECHNICAL RECORDS - Experimental and reference TR RAN/ET1 Records of Experiments and Trials TR RAN/ET2 Technical Reference Records - Ransomes Products TR RAN/ET3 Technical Reference Records - General TR RAN/MP MANUFACTURING AND PRODUCTION RECORDS TR RAN/MP1 Registers and Lists of Production TR RAN/MP2 Manufacturing Working Papers TR RAN/MP3 Parts, Repairs and Outworks Records TR RAN/P PUBLICATIONS, PROMOTIONS AND ADVERTISING RECORDS TR RAN/P1 General Compilations of Publications TR RAN/P2 Individual Advertising and Servicing Publications TR RAN/P3 Posters and Display Matter

	<p>TR RAN/P4 House Journals</p> <p>TR RAN/P5 News Releases</p> <p>TR RAN/P7 Records of Advertising Campaigns and Events</p> <p>TR RAN/P8 Printing Proofs and Artworks</p> <p>TR RAN/P9 Registers and Indexes</p> <p>TR RAN/PH INTERNAL PHOTOGRAPHIC RECORDS</p> <p>TR RAN/PH2 Compilations of Prints</p> <p>TR RAN/PH3 Individual Prints</p> <p>TR RAN/PH4 Registers and Indexes</p> <p>TR RAN/SH SHOW AND EXHIBITION RECORDS</p> <p>TR RAN/SH1 Certificates</p> <p>TR RAN/SH2 Registers and Lists of Awards</p> <p>TR RAN/SH3 General Records</p> <p>TR RAN/SP SOCIAL AND PERSONAL RECORDS</p> <p>TR RAN/SP1 General Reference Records</p> <p>TR RAN/SP2 Records of Events, Societies and Organisations</p> <p>TR RAN/SP3 Records of Products</p> <p>TR RAN/SP4 Personal Records</p> <p>TR RAN/SP5 Other Records</p>
Supplementary information	<p>Card Catalogues</p> <p>The firm's series of drawings, photographs and publications each run into many three series were originally numbered by the firm but only partial registration is due to the bulk of documentation required, the information for the individual items in the form of separate card catalogues arranged in order of the firm's reference reference is made to such items in the principal catalogue, their respective items by the following abbreviations:</p> <p>DN = Drawing Number</p> <p>PN = Publication Number</p> <p>PhN = Photograph Number</p>
Related information	<p>Other Records and Materials</p> <p>i. Elsewhere</p> <p>The remainder of Ransome records, principally current or semi-current material, custody. These also include further barcograph transparencies of drawings of which eventually be deposited at Reading. The firm also possess some 351 show and e of which is available here for consultation. Ransomes have ownership as well of Smyth & Sons Ltd. of Colchester. These were deposited at the Ipswich and East October 1969, deposit HC 23 and a copy of the office catalogue is also available reference. Smyth's show and exhibition medals, numbering some 89, and those (Engineering) Ltd. and Catchpole Engineering Co. Ltd. are also listed and a copy</p> <p>ii. Reading</p> <p>Other records relating to Ransomes are mainly duplicate copies of Ransomes pu deposited by various individuals or firms. Books, journals and objects, deposited records are listed in the appendices to this catalogue.</p>

Administrative history:

Located at Nacton, Ipswich, Suffolk.

The firm adopted various styles while in business at Ipswich. The following list indicates their dates of adoption and the abbreviations used in the catalogue:

1789 RR Robert Ransome

1809 RSn Ransome & Son

1818 RSs Ransome & Sons
1825 JRR J. & R. Ransome
1830 JRAR J. R. & A. Ransome
1846 RM Ransome & May
1852 RS Ransome & Sims
1869 RSH Ransome, Sims & Head
1881 RHJ Ransome, Head & Jefferies
1884 RSJ Ransome, Sims & Jefferies Ltd. (1884 Private Limited Company)
(1911 Public Limited Company)
Prior to 1789 Robert Ransome was in business at Norwich trading under the following styles:
1774 Robert Ransome
1784 Ransome & Co.

Contents:

The historical records deposited by Ransomes, Sims & Jefferies Ltd. at the Institute of Agricultural History are notable for their diversity of type, their extensive coverage of the firm's products and activities and not least their time span, ranging from the late eighteenth century to the present day. Even so, the Ransomes Collection represents only a small proportion of a veritable mountain of records which must have been generated by this large and complex manufacturing firm. External factors influencing record survival have been the continuity and success of Ransomes as a business since 1789, and only one major change of site - that of the gradual move after 1946 from the Orwell Works in the centre of Ipswich to Nacton, on the outskirts of the town. Internally, the relative lack of any records management policy meant that physical bulk alone militated against the survival of many records, especially during rebuilding or internal reorganisation. There were, fortunately, more conservative forces at work but these were selective with the result that certain types of records, such as summaries or those subject to internal registration, survive better than, for example, routine administrative or accounting records. Internal registration was notably employed for four lengthy records series. These were drawings, photographs, publications and printing block proofs, for which systematic recording was essential for speed of recall and reference. Certain technical records, especially those originating in the engineering department, were also retained to service technical enquiries and facilitate the repair and maintenance of discontinued lines. Finally, a continuous interest in the history and development of the firm, as evinced by C.J. Palmer's History of the Orwell Works (TR RAN/SP1/1), and the employment of company historians between 1949 and 1969, meant that the preservation of records became official company policy. As a result most types of record are represented, but a detailed analysis of their composition reveals a far from even pattern of conservation, especially for the earlier period. The business records proper (TR RAN/CO, TR RAN/AC and TR RAN/AD) comprise useful summary material but exclude the formidable bulk of the subsidiary records. It is possible, especially in view of the paucity of business agreements and patenting records, that more company records (TR RAN/CO) survive, in bank custody, with firms of solicitors or in company strong rooms. The Orwell Works estate records, for instance, (TR RAN/CO4) are known to have been transferred to the new owners when the site was sold. As they stand the company records consist of partnership records (TR RAN/CO1), including a few early agreements and the capital ledger 1865-1884; limited company records (TR RAN/CO2) and trade mark records (TR RAN/CO6), including litigation in Chancery 1872-1874 and 1881-1882.

The absence of the long runs of bought ledgers, sales ledgers, cash books, day books and journals in the commercial accounts (TR RAN/AC1-TR RAN/AC4) is compensated for by their summary in the first five private ledgers of RSJ for the period 1884-1944 (TR RAN/AC1/1-5) and the two runs of financial statements 1837-1883 and 1941-1971 (TR RAN/AC7). The cost accounts (TR RAN/AC5) likewise do not survive apart from yearly wage analysis sheets 1871-1939 and two salaries and wages books. However, yearly cost account analysis books were compiled of which

those for 1885 and 1936-1939 are preserved (TR RAN/AC5/1-5). Both sets of the accounts are summarised in a director's notebook for 1884-1901 (TR RAN/AC6/5) and a separate volume contains early business accounts 1804-1832 (TR RAN/AC6/1). As the majority of Ransomes' extensive business was done through agents, branch accounting was not significant (TR RAN/AC8). The branch accounts extant are the second volume of financial statements of the Odessa branch 1892-1919, and two general ledgers and two principal journals of the Ipswich town warehouse 1902-1946, which served as Ransomes' immediate retail and wholesale outlet. The records of the internal governing body of the company, the board of directors (TR RAN/AD1), comprise the first directors' minute book 1884-1937 and the detailed private reports of proceedings at board meetings 1919-1939, which include information on sales, orders, marketing and capital. Loss formal summaries (TR RAN/AD2), comprise a directors' notebook of statistics 1884-1901 and an engineering department notebook. The breakdown of central administrative records, into those of labour (TR RAN/AD3), premises (TR RAN/AD4) and materials (TR RAN/AD5), means that a once large quantity of material is now represented by a body of records which, though small in number, contains several detailed items. It includes six registers of workmen 1859-1922, a register of apprentices 1838-1872 and a detailed list of workmen in 1859-1922 (TR RAN/AD3); works, plans and maps 1846-1847 (TR RAN/AD4) and two output analysis books 1866-1882 (TR RAN/AD5). According to Palmer's history (TR RAN/SP1/1 M) similar output analyses were compiled from 1897 onwards, but have apparently disappeared. Branch administration is principally represented by a regulations book (TR RAN/AD6/1) for the management of the Ipswich and Bury St. Edmunds town warehouses, compiled in 1892.

Commercial records (TR RAN/AD7), concerned with orders, sales and marketing must have comprised an enormous accumulation, especially as they would have included much of the routine business correspondence. General analyses were essential but only a selection now survives. According to Palmer (TR RAN/SP1/1 M), two series of export analysis books were once kept from 1863 onwards, one for customers, the other for each different country and also a yearly export diary from 1887 onwards. Although these have not been traced, there are individual export books for Peru and the United States of Columbia 1875-1889; Roumanian agencies 1868-1885 and Russian agencies 1861-1885. There is also a series of yearly sales analyses for 1871-1939 and some useful reference compilations concerning prices, but records of orders are very few, apart from the monthly summaries in the reports of proceedings at directors' meetings (TR RAN/AD1). Agents lists are preserved for the British Isles 1914-1950.

The manufacturing records (TR RAN/MP, TR RAN/DO and TR RAN/ET) are well represented in general, but are unevenly biased towards certain products, notably steam engines. This is probably due to the highly technical nature of such records, their retention for servicing discontinued lines and also to the growth of outside popular interest in steam engineering, especially traction engines. The bias is most noticeable in the records of the manufacturing processes (TR RAN/MP), which refer to the activities of the different departments of the firm. The five most important sections prior to the Second World War were those concerned with steam engineering; thrashing machinery; ploughs and implements; lawn and grass mowing machinery and electric vehicles. (The present division is fourfold - tillage, harvesting, industrial and grass-mowing). Each department (and often sub-department), tended to generate its own records, of which production registers (TR RAN/MP1), are the most prominent.

The majority of manufacturing records were generated by the now defunct engineering department which manufactured its last steam engine in 1942 and ceased to service engines after 1955. These records form a detailed and extensive accumulation. The general engine registers c.1850-1945 (TR RAN/MP1), are preserved complete and after 1877 consist of two separate series, one arranged by sales number (in order of sale) and the other by manufacturing number (in order of manufacture). There was also a separate series of six detailed traction engine registers, now lost, though their summaries, customer indexes and some detailed register notes survive, as do the detailed oil engine and steam wagon registers. Corn mills were registered independently of

other engineering department products and although the register is not extant, the customer index survives.

The engineering department working papers (TR RAN/MP2), show the process of sub-departmental manufacture at work. Individual engine parts and components were made to standard or to order in the turnery (TR RAN/MP2/1-27) and the boiler plates likewise in the boiler shop (TR RAN/MP2/28-29); all components were then assembled by the engine erecting department and the completed engines given manufacturing numbers (TR RAN/MP2/33-4). The engines were tested during and after manufacture by the engine testing department (TR RAN/MP2/35-36), then partially dismantled and packaged (TR RAN/MP2/38-184) and finally dispatched (TR RAN/MP2/194-202). Corn mills also feature in the turnery records, in the reports of dismantling and package and in the dispatch books. There exist also some engineering department parts and servicing records (TR RAN/MP3).

The records of the thrashing machinery department are surprisingly few. (Production was terminated there in 1955 apart from outstanding orders). The five thrashing machine registers were apparently destroyed in the late 1960's. Customer indexes exist (TR RAN/MP1/45-49), but there are no working papers or parts and servicing records. The plough works records consist of two plough mark registers (TR RAN/MP1/50 and TR RAN/MP1/51), the principal one covering 1839-1943 and four plough and implement parts registers (TR RAN/MP3/14-17), all ceasing in the mid-1950's with the transfer of the plough works from Ipswich to Nacton. It is unlikely that many subsidiary records were kept, but probably there were registers, now lost, of different implement types. The electric vehicle department is represented by two trolley bus production lists 1925-1948 (TR RAN/MP1/53-4). Possibly the records disappeared in the move to Nacton or during the gradual phasing out of electric vehicle production. Finally, the lawn mower works records are not represented at all but as the department remains in production some material may still be with the firm.

The other manufacturing records relate to drawing and design (TR RAN/DO) and experimentation and technical reference (TR RAN/ET). The large number of drawings which were generated required registration from an early date c.1840 onwards. Eventually different drawings series were introduced, including after 1900, separate departmental series. (The different drawing series are explained in section TR RAN/DO1). However, their daunting physical bulk proved a constant problem. A memorandum of 6th April 1881 in the front of the first drawings ledger (TR RAN/DO2/1) reads:-

"To make some room to store current office and shop drawings we must clean out and destroy all the useless and obsolete drawings".

In October 1893 the following schedule was applied to the existing drawings and entered in the first two drawings ledgers (TR RAN/DO2/1, TR RAN/DO2/2):-

D = Destroyed

M = Missing

R = Reserved (of doubtful value)

PI = Preserved out of interest

The great majority of ledger entries have "D" codings. Periodic destruction continued thereafter, though on a smaller scale. A solution to the problem of size came in the early 1940's when 6½ x 4¾ inch barcograph transparencies were made of all drawings, initially as a security precaution, but continued thereafter to the present day. A further advantage of the process was that it enabled prints to be made from negative transparencies, thereby allowing the originals to be destroyed, while at the same time facilitating information retrieval.

Very few original drawings and tracings are therefore preserved at the University of Reading. Of the few early 'ledger series' drawings to survive, nearly all have the "PI" codings. The only complete survival is the standard list series (TR RAN/DO1/L) of drawings of standard steam engineering components. The barcograph transparencies cover most of the drawing series from the 1880's onwards, including positive transparencies of engineering and thrashing machinery

drawings of Ruston & Hornsby Ltd. acquired in the inter-war period. The transparencies were numbered from N1 onwards in order of copying and their registers are still in the custody of Ransomes. The Institute currently holds all transparencies prior to N40,000 relating to the engineering and thrashing machinery departments, some 15,000 in all. Drawing registers (TR RAN/DO2) survive for certain series, together with some subject indexes. These are especially useful when they also record the transparency number.

The experimental and technical reference records (TR RAN/ET), are inevitably a miscellaneous accumulation preserved mainly out of technical interest. Principally they concern steam engineering and thrashing machinery, but include some detailed general compilations on lawn mowers 1830-1911 (TR RAN/ET3/28 and TR RAN/ET3/32) and reapers and mowers 1786-1871 (TR RAN/ET3/12-17). The latter possibly originated from the Hornsby side of Ruston & Hornsby Ltd., of Grantham, which was administered by Ransomes between the two World Wars. The material on plough and implement trials compiled by J. & F. Howard for the period 1905-1915 (TR RAN/ET1/10), probably came into Ransomes' possession when they took over the manufacture of Howard ploughs after that company's liquidation in 1932.

The publicising and promoting of Ransomes products (P), generated substantial quantities of printed records, commencing about 1800, which altogether make up about one third of the entire collection. The period prior to 1846 is covered by two guard albums (TR RAN/P1/A1,2), but by the late 1850's output had become so vast as to require a system of special registration with publication numbers, which resulted simultaneously in the compilation of mainly annual numerical reference volumes, the majority of which are preserved prior to 1940 (TR RAN/P1/A3-57). Some of the gaps in the series are filled by subsidiary compilations (TR RAN/P1/A58-122) and by individual publications (TR RAN/P2/A and card catalogues). The numbered publications include both advertising material (catalogues, leaflets, testimonials) and servicing literature (instruction books, parts lists), as part of the same numbered series which is still maintained by Ransomes. They are daunting in their quantity, chronology, variety of printing techniques, the range of products to which they refer and, not least, the many different languages in which they are published. Publication registers are preserved for 1931-1958 only (TR RAN/P9/1-2). A fine collection of posters 1882-1930 (TR RAN/P3/1-4), survives in four reference albums, while other publicity records include a selection of semi-current house journals (TR RAN/P4), news releases (TR RAN/P5) and records of advertising campaigns (TR RAN/P7). Production film (TR RAN/P6), has been retained by Ransomes. Records of art work and printing book proofs were also kept in the form of an unbroken run of seventeen reference albums from c.1850-1969.

Some publicity of Ransomes' competitors and fellow exhibitors appears to have been collected out of general interest and for reference purposes (TR RAN/P/B). Five bound compilations cover the years 1851-1869 (TR RAN/P1/B1-5), including two volumes of 174 exhibitors' literature, produced for the 1851 Great Exhibition and a selection of Howard publicity for 1851-1930 (TR RAN/P2/B11-32 and TR RAN/P1/B3), again possibly acquired on Howards' liquidation. Also of note is a 1773-1777 trade catalogue of James Sharp (TR RAN/P2/B51).

The official photographic records (TR RAN/PH), as distinct from the casual acquisition of photographs by the firm (TR RAN/SP), or their secondary use for technical illustration (TR RAN/ET2 and TR RAN/ET3), are well preserved due to registration and the compilation of reference print albums. The main series commencing in 1856, is still maintained by Ransomes and the Institute of Agricultural History has the first twenty seven albums prior to July 1947 PhN 1-11597 (TR RAN/PH2/1-27). There are, however, no negatives (TR RAN/PH1), their destruction according to a note in the first album, having commenced in 1896. The subsidiary "In Work" series (TR RAN/PH2/28-34) and thrashing machinery series (TR RAN/PH2/35-39), have complete album runs, but the register survives only for the former series (TR RAN/PH4/2).

The retention of a large number of show and exhibition records (TR RAN/SH), is a measure of the firm's pride of achievement. Although 112 certificates are preserved in a variety of languages and art styles (TR RAN/SH1/1-112), the prize register and prize list (TR RAN/SH2/1, TR RAN/SH2/2),

indicate that many more awards were won though not retained. The subsidiary records (TR RAN/SH3), are also extensive if miscellaneous in nature. The very large number of social and personal records (TR RAN/SP), belong outside the firm's principal commercial concerns, but they reflect a long and continuing interest on the part of the management and employees in the history of a 'patriarchal' firm. The preservation and compilation of this material owes a great deal to C.J. Palmer and the company historians, C.W.H. Cullingford and L.J. Orvis. The real encouragement to the generation of such records came with C.J. Palmer's outstanding History of the Orwell Works 1774-1928 (TR RAN/SP/1), which includes eleven sets of notes, comprising over a thousand pages of typescript and documentary illustration, together with three sets of indexes and summaries. The history was continued for the period 1949-1969 by Cullingford and Orvis (TR RAN/SP1/2, TR RAN/SP1/3), whose yearly desk diaries were a primary source of information (TR RAN/SP1/12-19). The gap between 1928 and 1949 is partly filled by The Orwell Works Magazine, a bimonthly publication, running from 1931 to 1940, which was edited and produced by Ransomes' employees. The remaining social and personal records are mainly typescript compilations, ephemera, material remitted to the firm, especially to the historian's office and press cuttings, either extracted from local papers or supplied by a cuttings bureau. Among this material can also be found items concerning the early development of the lawn mower which were collected by G.B.W. Scholefield in the 1950's (TR RAN/SP3/121-180).

Accounts **TR RAN/AC** [n.d.]

Arrangement: TR RAN/AC1 Ledgers

TR RAN/AC5 Cost Accounts

TR RAN/AC6 Other Accounts

TR RAN/AC7 Financial Statements

TR RAN/AC8 Branch Accounts

TR RAN/AC9 Invoices and Accounting Papers

Ledgers **TR RAN/AC1** [n.d.]

Arrangement: TR RAN/AC1/1-5 Private Ledgers RSJ 1884-1944

TR RAN/AC1/6 Memoranda Book to Private Ledgers 1895-1925

TR RAN/AC1/7 Nominal Ledger 1920-1939

PRIVATE LEDGER RSJ No. 1. **TR RAN/AC1/1** 1884(12 May)-1895(31 Dec)

Bound Vol

Contents:

Divided into the following accounts:

Unissued capital; nominal capital; reserve fund; subscribed capital; uncalled capital; goodwill; dividends; land and buildings; Hamlet property; "Shannon" property; "Gardners Arms" property; John Street improvements and properties; Silvam Place property; West Hoathly Estate (Sussex); "Nightingale" property; discount; LM Works leasehold; telephone; Odessa estate; Bury St Edmunds estate; plant and fixed machinery; consolidated patents; Head and Schemioth patent; F O Moule (journey); Plough Patent Association; Head and Howard; W B Denny (Odessa); stock; Odessa Branch; Moscow branch; W J Robinson (Orwell Works); gold and silver medals and prizes; formation of RSJ; A J Robinson (Ireland); fixtures and utensils; materials; stores; workmen's

wages; goods bought; shipping charges; stores; interest; debenture interest; Spitalfields Station-Arch No 92; bonus wages; loss on consignments; patent royalties; Austrian plough patent; trade expenses; rents; cash in account with Treasurer; rates; taxes; salaries; directors' salaries; sales; debentures; gifts and annuities; fire insurance; general legal expenses; London office; commission; profit and loss; carriage and cartage; freight and wharfage; ship insurance; Ipswich dock dues; trade expenses; liabilities; transfer; travelling; town warehouse; Norwich warehouse; Carpmael & Co; Melbourne Exhibition; Oswald Allison (Ipswich-loan); reserve on debts; bills accepted; bad debts; income tax; London office; J & J Drysdale & Co (London); W H Watts (journey); Henry Thompson (Gainsborough); Volga Karma Bank (Moscow); advanced royalties; (Thompson's tea machinery); interest accrued; Hermann Kühne (London); Robert Norton (Ipswich-boiler maker); Charles R Pinder (Johannesburg); T T Mayes (Ross); reserves on debts; depreciation of fixed machinery, fixtures and utensils; Ransomes v Graham; J H Hopwood (Hull); Tendring Hundred Railway; Colne Valley Railway; William Baker (Bristol); Colonists' visit to Orwell Works; B P Grimsey and others; Eastern Counties Dairy Institute Ltd; Wilson, Bristows and Carpmael (London); Price, Waterhouse & Co (London); George Cross (Norwich); Fareham Electric Light Co; Miles Arter (Canterbury); J Donaldson (Liverpool); S A Notcutt (Ipswich); W R Moberly (London); E F Felton (Bury St Edmunds); joint account of executors of R C Ransome, J E Ransome and J R Jefferies; R Thompson (Bury St Edmunds); Ruston, Proctor & Co Ltd (Lincoln); Credit Anstalt (Prague); George E Ripley (Norwich); E P Ridley (Ipswich-Solicitor); G Goodwin (London); E C Coal Boring and Development Association Ltd (Colchester); Frank Suter & Co (London); John B Reeve (Ipswich); Ipswich Gas Light Co; Emmeline Cross (Norwich); John Danks & Son (Melbourne); J C Staden (Bury St Edmunds); George Todd (Bury St Edmunds); H G Frost (Bury St Edmunds); RHJ; Gurneys Alexanders & Co; (Ipswich); London and Westminster Bank; James Adams (York-traveller); Eliza Armstrong (Finchley); James Barker (Ipswich-ploughman); Ramon M de Espejo Becerra (Madrid); Thomas C Brown (Ipswich) G A Biddell (Ipswich); Becke & Green (Solicitors-Northampton); Elizabeth S Cole (Ipswich); Executors of A J Cole (Ipswich); Cochran & Co (Birkenhead); Clayton and Shuttleworth (Lincoln); Carpmael & Co (London); George Churchouse (lawn mower journey); Curror, Carper & Curror (Edinburgh); Dod & Longstaffe (London); Clydesdale Bank (London); Kraeuther & Mieville (London); Henry Footman (Lincoln); Alice M Eastaugh (Lowestoft); Rose H Eastaugh (Lowestoft); O Steel & Co (Calcutta); Frank Mieville & Son (London); E C Ransome; Allen Goodwyn; Harold S Jefferies; G Girard & Co (Paris bankers); Executors of M A Gower (Norwich); R R Hill (Ipswich); Richard Hornsby & Sons (Grantham); Executors of John Head; Emma Haycock (Bristol); R R Holben (Cambridge); C S Lusena (Alexandria); Jackaman & Sons (Ipswich-Solicitors); G E Moberly (London); Marshall Sons & Co (Gainsborough); A F Medhurst (Moscow); R Stratton (Newport); Notcutt & Sons (Ipswich-Solicitors); Jessy Notcutt (Ipswich); Trustees of Mrs Gray; P E Ripley; J E Peacock; T M Pollard (Ipswich); Pheobe G Palmer (Ipswich); J J Rogers; Joseph Bamford (Lichfield); Edwin Stinton (Ipswich); W D Sims; J A Seaman (Odessa); Harriet Goodwin (London); S J Moberly trustees; R C Ransome; Executors of R C Ransome; J E Ransome; J R Jefferies; Executors of J A Ransome; John D Sims; C W King (Southport); C W Ransome; Edwin J Swain (traveller); Royalties from agreement with S C Davidson (Belfast); H K Rutherford (Ceylon); W A Stone (Prague-liquidation); Elizabeth Ransome; Trust of R C Ransome and Sarah J Moberly; Trust of J E Ransome; B Gourovich (Odessa); Trustees of S Wykes; S A Rackham (Lowestoft); W J Larter (Odessa); George Seagrave and S B Bevington (London); Ann Denny (Ipswich); Alexander Denny (Norwich); Trust of S J Moberly; E L Welldon (Eastbourne); Alice Ransome; S J Primrose (Essex); Trustees of W Worby; Margaret Ogilvie (Leiston); Emily Conell (Ipswich); Executors of W D Sims; R Patterson & Son (Newcastle upon Tyne); John Venn & Sons (London); Joint account of R C Ransome, J E Ransome & J E Jefferies; J B Reeve; Eliza Innes (Bath); Ann & Lucy Strait (Ipswich); W K Tickner (Ipswich); A G Tait (Riga); Agricultural Engineers' Association; N Ardlard & Co (Ipswich); G Williamson & Co (London); D & J Fitzgerald (Dublin); Harrold Bros (London); Malcomb Bruncker & Co (London); John E Cooper (Saxmundham); Taylor Bros & Co (Leeds); Coulson, Berthoud & Co

(London); E Beaumont (Reading); Emma Balls (Hinkley); E Gosling (Ipswich); directors' gifts; A F Medhurst (Moscow); Paget & Moeller (Vienna); outstanding accounts; J Robinson (Beverley-solicitor); L R Watkins; (London); John Terry & Co (London); J A Berby (London); J & H Gwynne (London); Executors E Goddard (Ipswich); Executors G S Gibson (Saffron Walden); Trust of S J Hodgkin; F Lassetter & Co (Sydney); Mary Ann Jefferies; George Ling (Ipswich); Price, Waterhouse & Co (London); J G Cranfield (Ipswich); Anne Stephenson (Exmouth); Joseph Robinson (Bury St Edmunds-Builder); George Bourne (Bury St Edmunds); W W Venn (Tottenham); Henry Waring (Dublin); Trust of Wagstaff & Brassey (London); T & A Priestman (Hull-Solicitors):

The volume was intended to be divided into real and personal accounts, but this is now indistinct due to the overspill of many individual sections. There is no list indicating the various locations of each account in the ledger, except a list at the front of the volume of the locations of accounts used in calculating interest payable. At the rear of the volume are details of fully paid and half paid shares for 1892-6, and sundry loans for 1892-3.

PRIVATE LEDGER RSJ No 2. **TR RAN/AC1/2** 1896(1 Jan)-1907(31 Dec)

Bound Vol

Contents:

Divided into the following accounts:

i. Real Unissued capital; nominal capital; subscribed capital; uncalled capital; reserve fund; lands and buildings; Hamlet property; Shannon property; the "Knolls" property; Gardners Arms property; John St. Improvements; Plough Works; John St. properties; Siloam Place property; Odessa Estate; Princes St. premises; Nightingale property; Waterworks St. property; LM Works; Bury St Edmunds; West Hoathly estate; Little Wykes Bishop St. properties; Fore Hamlet properties; plant and fixed machinery; consolidated patents; stock; Odessa branch; gold and silver medals and prizes; fixtures and utensils; materials; stores; wages; goods bought; shipping charges; discounts; interest; debenture interest; bonus wages; losses on consignments; royalties; workmen's accident compensation liability; trade expenses, rents; rates; taxes; cashier; salaries; directors' salaries; sales, debentures; profit and loss; gifts and annuities; fire insurances; general legal expenses; London office; commission; Iron Trades Employers Insurance Association; accrued income on investments and deposits; dividends; trade; carriage and cartage; freight and wharfage; ship insurance; Ipswich dock dues; liabilities; transfer; travelling; Town warehouse; travelling; Norwich warehouse; bad debts; reserve on debts; bills accepted; income tax; advanced royalties on tea machinery; interest accrued; depreciation of fixed machinery; fixtures and utensils; Orwell Works fire 1899(10 Jun); Orwell Works concrete flooring and paving; premium on shares; telephone for P E Ripley; Directors Private Account; reserve for buildings and plant:

ii. Personal J A Goodwyn; A Goodwyn; H J Jefferies; Colne Valley Railway; E C Dairy Institute Ltd (Ipswich); E C Coalboring & Development Assoc. Ltd; (Colchester); Curror, Cooper, and Curror (Edinburgh); B Gourovich (Odessa); Price, Waterhouse & Co (London); R C Ransome; E Steer & Co (Sussex); London & Westminster Bank; Barclay & Co Ltd (Ipswich); Engineering Employers Federation; Agricultural Engineers Association; T M Jarman (Tetsworth); Tennants' Patent (Hayturner); Iron Trades Employers Association Ltd; George Cross (Ipswich); Mid Suffolk Light Railways Co; J J Haycock (Wells); A J Hughes (Ipswich-draughtsman); E J Davis; Allowance to army reserve men; Brighton Corporation (redeemable old stock); Midland Railway; Consols; B C Ransome; The "Empire" Sheep Shearing Machine Co (London); Charles Rose (Northampton); Foster & Braithwaite (London); Liverpool Corporation Stock; Natal Consolidated Stock; East Indian Railway "B" annuities; Watson & Youell (Galatz); Crisp & Co Ltd (London); J B Short & Son (Sunderland); Neish, Howell & Holdane (London); John B Deere (Ipswich); Executors of James Barker (Ipswich-ploughman); W T Durrant (Ipswich); Eliza Armstrong (London); James Barker (Ipswich); T C Brown (Ipswich); F Goldsmith; Joseph Bamford (Lichfield); John E Cooper

(Saxmundham); Elizabeth S Cole (Ipswich); Executors of A J Cole; Carpmael & Co (London); Edmund J Davies (Ipswich); Henry Footman (Lincoln); Harriet Goodwin (London); Executors of John Head; Head & Howard; Edward W B Gray (Braunton); Emma Haycock (Bristol); Frank Mievile & Son (London); Executors of Henry Footman (Lincoln); John Macduff (Galatz-liquidation); J R Jefferies; Executors of J R Jefferies; W J Larter (Odessa); G E Moberly (Ipswich); Trust of S J Moberly; J E Ransome; Robert Norton (Ipswich); Notcutt & Sons (Ipswich); E C Ransome; Elizabeth Ransome; Executors of J A Ransome; Alice Ransome; P E Ripley; George E Ripley; M Ogilvie (Leiston); Gerald A Ogilvie (Ipswich); Pheobe G Palmer (Ipswich); Margaret Pace (London); J E Peacock; J J Rogers; Robinson & Sheffield (Beverley-solicitors); Executors of J E Ransome; E P Ridley (Ipswich-solicitors); Birkett, Ridley & Francis (Ipswich-solicitors); H O Ransome; Dora F Ransome; J A Seaman (Odessa); Executors of J A Seaman; Executors of W D Sims; John D Sims; Mildred Sims; Eliza Sims; Alice M Holden (Wanstead); Octavius Steel & Co (Calcutta); Anne & Lucy Strait (Ipswich); R Stratton (Newport); Henry Thompson (Gainsborough); Cannon Ripley (Norwich); F O Moule (Ipswich); W B Denny (Odessa); Volga Karma Bank (Moscow); John Venn & Sons (London); Ellen Laura Weldon (Eastbourne); Trustees of S Wykes (Ipswich); Ann Denny (Ipswich); Alexander Denny (Norwich); Wilson, Bristows & Carpmael (London); N Adlard & Co (Ipswich); Joint account of H S Jefferies, P E Ripley & Francis Ward; Trustees of R C Ransome; Charles W Ransome; A J Robinson (Roscrea); M A Jefferies; D & T Fitzgerald (Dublin); Trustees of Mrs Gray; James Adams (London); Royalties under agreement with S C Davidson (Belfast); Ritchie and Parker (Newton-le-Willows); H G Frost (Bury St Edmunds-builder); Miles and Arter (Canterbury); John B Castell (Ipswich-draughtsman); Charles A Macduff (Galatz); British & Colonial Industrial Exhibition, Cape Town 1903; C B Moss (Ipswich); Leighton & Aldous (Ipswich); Garrod, Turner & Son (Ipswich); G L Preece (Reading); J J Bergin (Athy); Ship Launch Road; Cobbold & Co (Ipswich); Indiana Manufacturing Co (Indianapolis); Irish International Exhibition 1907; John Drayden & Sons (Bodmin); Henry Waring (Dublin):

The division into real and personal accounts is more physically apparent in this ledger due to less intensive overspill. There is no list indicating the various locations for each each account, except a list at the front of the volume for the location of accounts used in calculating interest payable. At the rear of the volume are monthly details of when payment of interest to individual debenture holders was due, and a list of shareholders with numbers held and their value for 1905-6.

PRIVATE LEDGER RSJ No 3. **TR RAN/AC1/3** 1908(1 Jan)-1920(31 Mar)

Bound vol

Contents:

Divided into the following accounts:

i) Real Nominal capital; unissued capital; nominal 5½% cumulative preference capital; unissued 5½% cumulative preference capital; reserve fund; land and buildings; plant and fixed machinery; The Plough Works; subscribed 5½% cumulative preference capital; The "Knolls" property; authorised 4½% first mortgage debenture stock; John St properties; Princes St properties; Upper Trinity Yard; The "Nightingale" Inn property; LM Works; unissued 4½% first mortgage debenture stock; Waterworks St properties; Little Wykes Bishop St properties; Fore Hamlet property; Bury St Edmunds estate; Trinity timber yard; Odessa estate; subscribed 4½% first mortgage debenture stock; Siloam Place; "Anchor" Inn Duke St; consolidated patents; Albion St property; stock; Odessa branch; transfer fees; Commercial Rd property; gold and silver medals and prizes; fixtures and utensils; Hamlet yard; Back Hamlet property; materials, stores; wages; goods bought; shipping charges; interest; Long St yard building; Implement warehouse; Myrtle Rd property; Orchard St property; debenture interest; sundry preference shareholders divided accrued; shareholders dividend accrued; bonus account; gifts to staff on active service; expenses of preference share and debenture stock issue 1911; bonus wages; royalties paid, royalties received;

compensation and allowances to workmen; debenture redemption premium account; trade expenses; income tax; rents; rates; taxes; cashier; salaries; directors' salaries; debentures; gifts and annuities; fire insurance; general legal expenses; London Office; commission; Iron Trades Employers Insurance Association Ltd; accrued income on investments; bad debts; Ipswich dock dues; carriage and cartage; depreciation on fixed machinery; fixtures and utensils; dividends, dividend on ordinary shares, private payments account; dividend on 5½% preference shares; debenture interest accrued; freight and wharfage; fire insurance (payments in advance); reserve on debts; reserve for buildings and plant; sales; ship insurance; transfer; Town warehouse; travelling; liabilities; trade; profit and loss; income on investments; Norwich warehouse; discount; preference share application account; preference share allotment account; preference share final instalment account; Dublin warehouse; debenture stock application account; debenture stock allotment account; debenture stock final instalment account; stock interest warrants, reserve for special contingencies; excess profits duty

ii. Personal. Engineering Employers Federation; Ipswich & District Engineering Employers Associations; Union Bank of Australia; J J Haycock (Wells); Barclay & Co Ltd (Ipswich); Barclays Bank Ltd; London County & Westminster Bank Ltd; A P Heightley (journey); A G H Rackham (journey); Imperial Ottoman Bank (London); Birkett, Ridley & Francis (Ipswich); Carpmael & Co (London); Executors of A J Cole (Ipswich); John Draydon & Sons (Bodmin); Alexander Denny (Norwich); Executors of Henry Footman; J A Goodwyn; Harriet Goodwyn; Edward W B Gray; Alice M Holden (South Woodford); Executors of John Head; H S Jefferies; T M Jarman (Wallingford); Joint account of H S Jefferies, P E Ripley & Francis Ward; W J Larter (Odessa); F O Moule (Ipswich); Neish, Howell & Haldane (London); Notcutt & Son (Ipswich); Margaret Pace (Clapham); Executors of J E Ransome; E C Ransome; Elizabeth Ransome; Iron Trades Employers Association Ltd; Alice Ransome; B C Ransome; H O Ransome; Dora E Ransome; P E Ripley; W N Ripley (Norwich); G E Ripley (Norwich); Dora E Thurston (Rochester); J J Rogers; Mildred Sims; Eliza Sims; Volga Karma Bank (Moscow); John Venn & Sons (London); D & J Fitzgerald (Dublin); Westhorp, Cobbold & Ward (Ipswich); Leighton & Pretty (Ipswich); Joseph Bamford (Lichfield); Trinder, Capron & Co (London); Bristows, Cooke & Carpmael (London); Executor of W D Sims; Joint account of H S Jefferies, John Rutherford and S A Notcutt; Phyllis M Ransome; Indiana Manufacturing Co (Indianapolis); Oswald H Ripley; Allen Goodwyn; S C Payne (Odessa); Arthur Girling (journey); Ellen L Welldon (Eastbourne); Executors of S A Seaman; Mary A Jefferies; Banque Russe pour le Commerce Etranger (Petrograd); Steward & Rouse (Ipswich); Henry & Son (Dublin); A M Phillips (Hitchin); Elizabeth L Ward (Ipswich); Marguerite Jefferies; Mary Hope (Clare); Executors of C W Ransome; Ruston & Hornsby Ltd (Lincoln); F E Waterman (journey); A G H Rackham & F J Ruffles (journey); C A Visser (journey); H Schechter (Odessa); Agricultural Engineers Association; Joseph S Vollyer (Leicester); W E Hersey (Ipswich); Felix J Ruffles; Aldous & Gotelee (Ipswich); Crossley Bros Ltd; (Openshaw); Norman Adlard (Ipswich); Banque Internationale de Commerce de Petrograd (Odessa); Banque Russo-Asiatique (Odessa); employees war savings certificates, employees 5½% war loan; 5½% national war bonds; Russian interior loan 1914; Russian war loan; 5½% first issue; 1916; 6% treasury bills; 5% war loan 1929-47; 4½% war loan 1925-45; 5% exchequer bonds; Mid Suffolk Light Railway Co; Brighton Corporation 3½% redeemable stock; Midland Railway Co 2½% perpetual preference stock; British Empire Hand Shearing Machine Co Ltd; Liverpool Corporation 3% 1902 stock; Natal 3% consolidation stock; East Indian Railway "B" annuities; Colne Valley Railway Co; E C Dairy Institute Ltd; B Gourovich (Odessa); Irish International Exhibition 1907; Thomas F Turner (Ipswich); Mary Watts (Ipswich); Dan Marine Motor Shipbuilding & Engineering Co Ltd (Ipswich); Société Balkanique Industrielle et Commerciale; Garden Roller Makers Association; S G Ralph (loan); Curror & Buchanon (Glasgow); Emily Larter; H F Whitmarsh; Ipswich Corporation Electricity Supply Department; S Capon; The Engineering & National Employers Federation; The East Anglican Association of Engineering Employers; Orwell Works Victory Fete; Banque de l'Ouest (Warsaw):

There is no list indicating the various locations for each account, except a list at the front of the volume for the location of accounts used in calculating interest payable.

PRIVATE LEDGER RSJ No 4. **TR RAN/AC1/4** 1920(1 Apr)-1932(31 Mar)

Bound vol

Contents:

Divided into the following accounts:

- i. Real Nominal capital; ordinary shares; nominal 5½% cumulative preference capital; unissued 5½% cumulative preference capital; authorised 4½% first mortgage debenture stock; unissued 4½% first mortgage debenture stock; reserve fund; land, buildings, plant and machinery in England; land and buildings; Water Works St properties; Wykes Bishop St property; Fore Hamlet property; Duke St property; Siloam Place; Anchor Yard and Anchor Inn; Albion St property; Hamlet Yard; Back Hamlet property; Myrtle Road property; Orchard St property; Priory Heath; Holywells Rd Meadow; Back Hamlet meadow; Holywells Road-Fountain Cottage and adjoining land; David St-Hoar Chapel; Compasses Yard-maltings; Capetown property; Odessa estate; Sidegate Lane-sports ground; consolidated patents; stock; transfer fees; materials; stores; wages; goods bought; shipping charges, ship insurance; interest; royalties paid; royalties received; compensation and allowances to workmen; trade expenses; freight and wharfage; carriage and cartage; income tax; corporation profits tax; excess profits duty; rents; interest; profit or loss on exchange; rates; subscriptions, taxes; salaries; travelling, directors salaries; plant and machinery; fixtures and utensils; gifts and annuities; fire insurance; general legal expenses; London Office; commission; accrued income on investments; bad debts; private payments account; reserve on debts; special reserve on stock; special reserve on income tax; reserve for buildings and plant; reserve for special contingencies; special reserve for depreciation and writing down of post war plant; sales; travelling; income on investments; liabilities; trade; Kursaal, Southend-on-Sea; profit and loss; suspens account for land, buildings, plant, fixtures and utensils; discounting; commission; (Ransomes & Rapier Ltd - trailer cranes); special reserve for losses resulting from strike; gold and silver medals; Edinburgh property (Ladylands); Odessa branch; Town warehouse; Milan Warehouse; Norwich warehouse; debenture interest accrued; Dublin warehouse; sundry reference shareholders dividend accrued; fire insurance; advance payments; bonus wages; transfer cashier; plough trademarks infringement account; insurance in advance; unclaimed dividends and interest; sundry bank deposits in Russia; treasury bills; works apprentices premiums paid; sundry debts consequent to war.
- ii. Personal Barclays Bank Ltd; London County, Westminster and Paris Bank Ltd; Banque Internationale de Commerce de Petrograd (Odessa); Russian Interior Loan 1914; Banque Russo-Asiatique (Odessa); 5½% first issue Russian war loan 1916; Banque Russe pour le Commerce Etranger (Petrograd); Banque de Commerce de Volga-Karma (Moscow); Westminster Bank Ltd; Notcutt & Son (Ipswich); Officerie Meccaniche Stigler; Iron Trades Employers Insurance Association Ltd; East Anglian Association of Engineering Employers; H Schechter (Odessa); National Bank of South Africa Ltd; E C Ransome; H O Ransome; P E Ripley; J A Goodwyn; O H Ripley; Elizabeth Ransome; Alice Ransome; Executors of J E Ransome; Lady Mary Hope (Cambridge); Marguerite Jefferies; Dora E Thurston (Oxford); Elizabeth L Ward (Alresford); Employers War Savings Certificates; A P Keighley (journey); C A Visser (journey); J L Bradley (journey); A G H Rackham and F J Ruffles (journey); F J Ruffles (journey); F E Waterman (journey); A Girling (journey); Worthington Mower Co (Stroudsburg)(USA); London Joint City and Midland Bank Ltd; Oeconomisch Gesellschaft Lettischer Landwitte (Riga); Ruston & Hornsby Ltd (Lincoln); J L Bradley (journey); G B W Scholefield (journey); E T Saunders (S Rhodesia); C Heuer (Port Elizabeth) T G H Jeffery (journey); S C Payne (journey); British Trade Corporation, Belgrade; Associated British Manufacturers (Near East) Ltd; A Stokes (Ipswich); A E Worster (Ipswich);

Engineering Co of Portugal; W S Murdoch (journey); A Spink (Ipswich); J L Bradley (journey); Executors of Mrs A Ransome; J H W Pawlyn (journey); H H Dawson (journey); D P Ransome (journey); G C Oakes (Patents); W J Gibson (journey); Credito Italiano Milan; Agricultural Engineers Association; A M Phillips (Letchworth); Ipswich Corporation Electricity Supply Department; F Ayton; N Adlard & Co (Ipswich); Banque Franco-Belge et Balkanique (Sofia); W R Martin; Mangold Brothers Ltd; J Greetham de Lorimer; Joseph Abramovitz (Botusani); Société Balkanique Commerciale et Industrielle; S Capon (Ipswich); Rayne & Co (Ipswich); 5% war bonds 1928; 5% war loan 1929-1947; London Midland & Scottish Railway Co Consolidated 2½% perpetual preference stock; Mid Suffolk Light Railway Co; Colne Valley Railway Co; East Indian Railway "B" annuities; Brighton Corporation 3½% redeemable stock; Liverpool Corporation 3% stock of 1902; E C Dairy Institute Ltd; T M Jarman Ltd (Haseley); Natal 3% consolidated stock; Banque de l'Ouest (Warsaw); Ipswich Corporation 6% housing bonds; Straker-Squire Ltd (Edmonton); W Tasker & Sons Ltd (Andover); J E Bell & Sons (Moscow); John Martin & Co (Rastoff on Don); Rabotnik Co Ltd (Petrograd); H H Schleger (Samara); Syndykat Rolniczy (Cracow); F Aitken; Landré and Glinderman (Amsterdam); Merchants and Manufacturers Syndicate Ltd; London and N Eastern Railway Co; G Wildman (Ipswich); D Green (Ipswich).
There is no list indicating the various locations for each account.

PRIVATE LEDGER RSJ No 5. **TR RAN/AC1/5** 1932(1 Apr)-1944(31 Dec)

Bound Vol

Contents:

Divided into the following accounts.

i. Real Nominal capital; ordinary stock; nominal 5½% cumulative preference capital; unissued 5½% cumulative preference capital, authorised 4½% first mortgage debenture stock; unissued 4½% first mortgage debenture stock; reserve account; land and buildings; plant and machinery; fixtures and utensils; suspense account and reserve of land, buildings, plant, fixtures and utensils; gold and silver medals; reserve for special contingencies; Waterworks St property; Wykes Bishop St property; Fore Hamlet property; Duke St property; Siloam Place; Anchor Yard and Anchor Inn; Albion St property; Hamlet yard; Back Hamlet property; Myrtle Rd property; Orchard St property; Priory Heath; Holywells Rd-meadow; Back Hamlet-meadow; Holywells Rd-Fountain Cottage and adjoining land; David St-Hoar Chapel; Compasses Yard maltings; Cape Town property; Odessa estate; Sidegate Lane sports ground; Edinburgh property (Ladylands); Princes St property-no 84; Trinity St property-infants school; Fore Hamlet cottages; Trinity St-girls school; air raid precautions expenditure; special stock reserve; patents; transfer fees; stock materials; stores; goods bought; canteen; profit or loss on sale of fixed assets; wages; bonus wages; provision for deferred repairs; reserve for redundancy of plant; reserve for post war reconstruction and contingencies; shipping charges; ship insurance; freight and wharfage; carriage and cartage; investment reserve; reserve for stocks on consignment; reserve for stocks in hand of subsidiary company; compensation and allowances to workmen; compensation to workmen in advance; war damage contribution-land and buildings; war rates insurance-plant; trade expenses; material groups; income tax (including national defence contribution reserve); rents; rates; taxes; subscriptions; salaries; Albion St property; directors salaries; Taners Lane property; Wykes Bishop St land; gifts and annuities; private payment insurance; insurance in advance; London office; general legal expenses; discounting; liabilities; commission; travelling; bad debts; reserve for bad debts; (and bills receivable); sales; plough trade mark infringement; royalties paid; royalties received; trade; interest paid; interest received; income from investments; accrued income from investments; debenture interest accrued; profit and loss; profit or loss on exchange; staff pension fund; sundry preference shareholders dividend accrued; ordinary dividend accrued; Milan warehouse; Dublin warehouse; Norwich warehouse; Town warehouse; cashier; transfer;

unclaimed dividends; sundry bank deposits in Russia; unclaimed holiday allowances; income deducted from salaries:

ii. Personal Barclays Bank Ltd; Westminster Bank Ltd; Iron Trades Employers Insurance Association Ltd; Worthington Mower Co (Stroudsburg USA); East Anglian Association of Engineering Employers; Officine Meccaniche Stigler; Oecomische Gesellschaft Lettischer Landwitte (Riga); Ruston & Hornsby Ltd; G C Oakes (Patents); Credito Italiano (Milan); Société Balkanique Commerciale et Industrielle; Mangold Bros Ltd; Receiver of J&F Howard Ltd; Orwell Works Athletic Club; Mugica Arellano & Co; Aveling and Barford Ltd; W A Wood Ltd; Ransomes South Africa (Proprietary) Ltd-undistributed profits; E C Ransome; Mrs F M Ransome; P E Ripley; Ethel M Gray (Norfolk); Worcester Pool account; J W H Clarke (potato harvester); Hereford Pool account; J L Bradley (journey); H O Francis (journey); H H Dawson (journey); J A Goodwyn (journey); J G H Jeffery (journey); A E Horton (journey); C Pratt; D P Ransome (journey); F J Ruffles (journey); J H W Pawlyn; W Gilbert (journey); G B W Scholefield (Journey); F E Waterman (journey); W J Wallis; A L Warren (journey); J Wakefield & Son; P R Barker (loan); J B Whitmore; J L Goldsmith (loan); J B James (loan); D Green; G Wildman; W G Cook;(Loan); CA Mangold; 3% saving bonds 1960-1970 series C; W J Gibson (loan);F U Southgate; A H Plantin; Orwell Works War Savings Association; W F Payne (Loan); W D Alcester; R B Ransome; E D Thomas (loan); A Spink (loan); tax reserve certificates; National War Bonds 2½%; Riga Credit Bank; United States of Brazil 4% sterling stock 1936; Halifax Building Society; London & North Eastern Railway Co; Ipswich & Suffolk Permanent Benefit Building Society; 3% Natal consolidated stock; Landré & Glinderman (Amsterdam); Liverpool Corporation 3% 1902 stock; T M Jarman Ltd (Haseley); East Indian Railway "B" annuities; Brighton Corporation 3½% redeemable stock; 5% war loan 1927-47; London, Midland & Scottish Railway Co 4½% preference stock; Joseph Abramovitz (Botusani); Erlangers Ltd; M Samuel & Co Ltd;

There is an alphabetical index of accounts at the front of the volume.

MEMORANDA ACCOUNT BOOK RSJ. **TR RAN/AC1/6** 1895(31 Dec)-1925(31 Mar)

Bound Vol.

Contents:

Memoranda accounts supplementary to the private ledgers.

There are composite yearly entries referring to the following accounts:- all land, buildings and properties; stock; plant and fixtures, utensils and patents; Odessa Branch and Town warehouse; shares and investments in other companies; trade journeys; salaries to staff with agents; advanced royalties; private debts; liabilities and bonus wages; goodwill: The accounts are supplemented by references to the appropriate ledger folio.

NOMINAL LEDGER RSJ. **TR RAN/AC1/7** 1920-1939

Bound Vol.

Contents:

Accounts of income and expenditure for ploughs and implements on loan for ploughing matches. One double entry sheet was made for each account and refiled in alphabetical order of the firm's name or the individual's surname

Cost Accounts **TR RAN/AC5** [n.d.]

Arrangement: TR RAN/AC5/1-5 Analysis Books of Cost Accounts

TR RAN/AC5/6 Details of Cost Accounting System

TR RAN/AC5/7-9 Salaries and Wages Accounts

TR RAN/AC5/7 Wages Analyses

TR RAN/AC5/8 Salaries Book - Clerks

TR RAN/AC5/9 Salaries and Wages Book-Staff

ANALYSIS BOOK of Cost Accounts RSJ **TR RAN/AC5/1** 1885[31 Dec]

Contents:

Containing yearly accounts of wages, materials, stores and manufactured goods. This form of account book derived from the analysis system of cost accounts introduced by R C Ransome in 1856 [of TR RAN/AD5/6]. The Orwell Works employed both cost or manufacturing account books (recording all yearly expenditure) and private or commercial account books (intended to provide yearly statements of trade, profit and loss together with overall balances). However, the relationship between the two series was insufficient to show in what department or on what articles profit or loss was made. This gap was filled by an analysis book, being an abstract and subsidiary to the cost account books. It was concerned with wages, materials, stores and manufactured goods, but not general trade expenses. Each section, apart from wages, was balanced and the gross profits thus shown then totalled to agree with the gross profits in the private account books.

Accounts included are

- i. Wages: Weekly departmental wage analyses; statement of different accounts to which wages were charged in cost books; foremen's wages; grand departmental wages totals; subdivided into employees' occupation; Totals of amounts debited to various accounts in cost books.
- ii. Departmental: Engineering department; Boiler Maker department; Foundry department; Forge department; Agricultural Implement department; Park turners and fitters; Park erectors; Park converting mill; Park Saw mill; Park sundries; Stable department; Office department; Steam engines and shaftings; LM Works department; sundries; premises; various statement of materials charged in the different cost books; old iron credits; section 1-ploughs and parts; section 2-harrows, rakes etc; Section 3-Thrashing machines; section 4-corn mills; section 5-lawn mowers; section 6-steam engines; section 7-general customers work; section 8-feeding troughs; general foundry account; brass foundry account; general forgings; stores account; coal and coke account; steam hammer account; sundry materials; summary of general trade expenses account.

ANALYSIS BOOK of Cost Accounts RSJ. **TR RAN/AC5/2** 1936(31 Dec)

Bound vol

Contents:

The year here is only 1 Apr-31 Dec. The following accounts are included:

- i. General accounts. Weekly departmental wage analysis; statement of different accounts to which wages charged in cost books; foremen's wages; grand departmental wages totals; subdivided into employees occupation; totals of amounts debited to various accounts in cost books; materials charged in cost ledgers; inter-departmental charges for use of machines; inter-departmental charges on wages.
- ii. Departmental. Engineering department; Boiler Makers department; Foundry and Pattern Shop; Forge department; Plough and Implement works; Park turners and fitters; Park erectors; Park converting mill; Park wheel making department; Park saw mill; Park sundries; stables and offices; power driving plant; LM Works; sundries; premises; sundry journal entries; departmental stores; section 1-agricultural implements; section 3-thrashing machines; section 5-lawn mowers; section 6-steam engines and boilers; section 7-customers work; section 8-bought goods; section 8a-

Grantham; special foundry account; Smiths shop; timber account; coal, coke and liquid fuel; sundry materials; overall fixtures and utensils, and materials balances; summary of balances; White Book manufacturing account; capital expenditure; plus departmental totals of additional manufacturing charges and depreciation.

ANALYSIS BOOK of Cost Accounts RSJ. **TR RAN/AC5/3** 1937(31 Dec)

Bound Vol

Contents:

As TR RAN/AC5/2 except that the year is 1 Jan-31 Dec from hereon. There is also a balance sheet for Park Electric Welding Department.

ANALYSIS BOOK of Cost Accounts RSJ. **TR RAN/AC5/4** 1938(31 Dec)

Bound Vol

Contents:

As TR RAN/AC5/3

ANALYSIS BOOK of Cost Accounts RSJ. **TR RAN/AC5/5** 1939(31 Dec)

Bound Vol

Contents:

As TR RAN/AC5/3

FOLDER OF PAPERS concerning the origin and working of the Orwell Works cost accounts system. **TR RAN/AC5/6** 1856-1878

Contents:

Compiled by R C Ransome [Copies] Contains:

- i. 1856(19 Dec) Details concerning compilation of stock ledger. Includes accompanying notes and a schedule of contents per section of the ledger. The sections were:
 - a. Ploughs
 - b. Harrows, Scarifiers, Rollers, Drills, Horse Hoes and Horse Rakes.
 - c. Horse Gears and Intermediate Motions, Horse and Steam Thrashing Machinery, Straw shakers, Dressing Mills, Barley Awners.
 - d. Chaff Cutters, Turnip Cutters.
 - e. Mills.
 - f. Steam Engines
 - g. Sundry Agricultural Work
 - h. Railway and Non-Agricultural Work
- ii. 1863(20 Mar) Details concerning compilation of yearly analysis book of cost accounts. Includes detailed explanatory notes.
- iii. [1878] Details of component accounts of cost accounting system, including the dates at which they were written up and their relation to yearly statements and the annual stock valuation.

FOLDER OF WAGES ANALYSIS SHEETS **TR RAN/AC5/7** 1871-1939

Contents:

Exclusive of sundry foremen and staff. One sheet per year. The year ran Jan-Dec, except for 1920(Apr)-1937(Mar) which ran Apr-Mar. The format is monthly figures, subdivided into stock and customers, work employees as opposed to fixtures and works employees per department of the firm. There are monthly and yearly totals for general wages, but no yearly totals for the different departments. The departments include - General Foundry, Smiths Department, Boiler Makers Department, Pattern Makers Department, Ploughs and Agricultural Implement Department, Thrashing Machine Department, Engineering Department, Lawn Mower Works, Sundry Staff (Bricklayers, Carters, Quay Porters and Yardmen), Vehicle Department.

SALARIES BOOK - Clerks. TR RAN/AC5/8 1887-1907

Bound vol

Contents:

The volume is a yearly compilation, each year's entry being divided into departments and then subdivided into individual clerks. The departments include - Commercial Office, Town Warehouse, Travellers, Manufacturing Office, Drawing Office, Works, Time Office, Forwarding Department, Invoice Office and Cost Office. Format per entry is name, annual salary, quarterly salary, details of drafts, balances and total salary per quarter and remarks. The total columns are added up per department and a summary of departmental totals is written at the end of each year. After the register proper are the following:

- i. 1891-1910 List of terminating dates of agreements with clerks. In alphabetical order of clerks. Details include commencement [...] and finishing dates of agreement with amount of notice required.
- ii. 1906-1918 List of terminating dates of agreements with clerks and others. In alphabetical order of employees.

At the front of the volume is:

- i. 1888-1903 Summary of yearly departmental salary totals, abstracted from register.

SALARIES AND WAGES BOOK - Staff TR RAN/AC5/9 1926(Jan)-1940(Dec)

Bound vol

Contents:

The volume is a yearly compilation. For the majority of staff, the financial year ran Apr-Mar, prior to 1936(Apr). These entries therefore commence at 1926(Apr). The remainder of 1936 was then deemed a financial year and entries thereafter commence as Jan-Dec in 1937. For the Ipswich and Bury Warehouses staff, the year ran Jan-Dec throughout the course of this volume and these entries commence at 1926(Jan).

Each year's entry is divided into the following sections:

- i. Salaried staff
- ii. Wage earning staff
- iii. Ipswich and Bury warehouses staff

with sectional and departmental totals per year.

Section i is divided into - Home Department, Export Department, Home Sales Department, Mechanical Engineer, General, Cost and Wages, Buying Department, Drawing Office, Forwarding Department, Home and Foreign Travellers.

Section ii is divided into - General and London Office.

The following 2 sections also occur per year for part of the period:

- iv. 1930(Apr) - 1937(Sep) Grantham salaried staff - travellers, correspondence and order department, invoice department, spares department.
- v. 1930(Apr)-1939(Sep) Directors' salaries

The format per entry is name, annual salary or wage, monthly payments, individual yearly total and remarks.

Other accounts **TR RAN/AC6** [n.d.]

Arrangement: TR RAN/AC6/1 Early firm accounts 1804-1832

TR RAN/AC6/2 Yarmouth accounts 1805-7

TR RAN/AC6/3 Summary accounts RSJ 1884-1901

GENERAL ACCOUNT BOOK - RR, RSn, RSS, JRR & JRAR. **TR RAN/AC6/1** 1804-1832

Bound Vol

Contents:

The volume contains entries commencing from both ends. Part 2 contains several accounts referring to the foundry operated by James Ransome in Great Yarmouth during 1804-1809, entering partnership there with James Birdsparke in 1806. Part 1 refers to the Ipswich business only.

Part 1.

1 1804-1805 Accounts of income and expenditure for 1804; 1805 (first quarter, second quarter, third quarter and fourth quarter)

2 1809(10 Nov)-1812(24 May) Memoranda concerning melting of metal for shares, goods sent out and employment of W Cubitt.

3 1809(14 Mar)-1817(31 Dec) Stock accounts as at: 1809(14 Mar); 1810(21 Mar and 31 Dec); 1811(31 Dec); 1813(31 Dec); 1814(31 Dec); 1815(31 Dec); 1817(31 Dec).

4 1818(5 Mar) Statement of profits for 1816-17, including details of stock, debts and credits and details of the sale of share in Carr Street premises by Robert Ransome Snr to James Ransome

5 1809-1815 Account of debts and credits

6 1817(31 Dec) Gas Works Account, relevant to apparatus then at stock taking.

7 1812-1816 Account of work which arose primarily from the employment of William Cubitt, with separate details of expenses of erections (mainly steam engines) and speculations.

8 1818(31 Dec)-1823(Dec). Stock accounts as at 1818 (31 Dec); 1819(31 Dec); 1820(31 Dec); 1821(31 Dec); 1822(31 Dec); 1823(Dec).

9 1809(Mar)-1832(30 Jun). Summaries of Stock accounts as at 1809(Mar); 1810 (Mar and Dec); 1811(31 Dec); 1813(31 Dec); 1814(31 Dec); 1815(31 Dec); 1817(31 Dec); 1818(31 Dec); 1819(31 Dec); 1820(31 Dec); 1821(31 Dec); 1822(31 Dec); 1823(31 Dec); 1825(30 Jun); 1828(31 Dec); 1829(31 Dec); 1832(30 Jun).

10 1825(30 Jun)-1829(31 Dec) Stock accounts as at 1825(30 Jun); 1828(31 Dec); 1829(31 Dec).

11 1824-1829. Table of profits to determine share in business by James Ransome and Robert Ransome Jnr, Robert Ransome Snr and J A Ransome, with related details.

12 1832(30 Jun) Stock Account

13 1832(30 Jun) Account of division of profits from 1830(1 Jan).

Part 2.

14 1805 Account of income, divided into quarterly returns [Yarmouth]

15 1805(Jan)-1806(Mar). Account of Yarmouth income, divided into monthly returns with quarterly details.

16 1806(Apr)-1807(Mar) Account of income during the first 12 months of the partnership between James Ransome and James Birdsparke [Yarmouth] divided into monthly returns with totals as at 1807(Mar).

17 1807(Apr)-1809(Mar) Account of Yarmouth income, divided into monthly returns with totals as

at 1808(Mar) and 1809(Mar).

18 1804-1821 Account of Ipswich income, yearly totals

19 1809(Oct)-1815(Oct) Account of quarterly journeys.

20 1809(Jan)-1821(Dec) Account of Ipswich income, divided into monthly returns with yearly totals as at December per year.

ACCOUNT BOOK of James Ransome **TR RAN/AC6/2** 1805-1807

Contents:

[Concerning his foundry business at Great Yarmouth].

Gives balanced accounts at the following dates; 1805; 1806 (10, 12, 17, 19, 23, 24 and 31 Dec); 1807(3 Jan)

POCKET NOTEBOOK RSJ **TR RAN/AC6/3** 1884-1901

Bound vol

Contents:

Summary of principal company accounts and share capital. Figures are yearly unless stated otherwise. Contents are given below in detail due to abbreviated headings in the original.

i. 1884-1901 shares; issued, paid, half paid, dividend.

ii. 1884-1901 Debit to income and expenditure; yearly stocking; purchases to stores and materials; purchases to manufactured goods; wages; salaries of staff and directors; travelling expenses; consignment freight and carriage outward; general trade expenses including alterations and premises; London office expenses; rent, rates and fire insurance; legal expenses; expenses on patents; patent royalties; wear and tear to plant, reserve for workmen's compensation; reserve for debts; rebate on bills; loss to Town warehouse; sundries; profit-Orwell Works and grand total.

iii. 1884-1901 Credit to income and expenditure; gross sales; returns, net sales; apprentice premiums; rents; reserve on debts; rebate bills; stock; patent royalties; sundries; loss-Orwell Works and grand total.

iv. 1884-1901 Debit to balance sheet; share capital paid; debentures; loans; trade creditors including bills paid; reserve bought forward; net profit and grand total.

v. 1884-1901 Credit to balance sheet; premises; goodwill; plant and fixtures and utensils; patents; stock; trade debtors; investments; cash and bills; loss and grand total.

vi. 1884-1901 Debit to profit and loss; loss-Orwell Works; loss-Town warehouse; loss-Odesa; loss-Moscow; debenture interest; loans interest; income tax; sundries; profit balance and grand total.

vii. 1884-1901 Credit to profit and loss; profit-Orwell Works; profit-Town warehouse; profit-Odesa, interest from branches etc. loss balance and grand total.

viii. 1884-1899 Output; value, tonnage and rate per ton; for home, export and combined.

ix. 1884-1899 Amount of Ransome family holdings and interest - R C, J E & J R Ransome.

x. 1884-1899 Borrowed capital, shareholders, others and total.

xi. [1890-1907] Debentures payable.

xii. 1884-1899 Analysis of value of materials bought, bars, plates, pig iron, copper, timber, coal, coke, goods for sale, stables, stores, trade sundries, all sundries, buildings, plant and grand total.

xiii. 1884-1899 Analysis of value of stock as at Christmas. Sections 1-8(as in Analysis Books), brass, pig iron, bars and plates, steel, coal and coke, timber, sundries and grand total.

xix. 1884-1899 Yearly dates of AGMs and when different accounts are totalled and balanced.

xv. 1900(Mar) and 1902(Mar) List of shareholders with totals.

Financial statements **TR RAN/AC7/1-46** [n.d.]

FILE OF SUMMARY BALANCE SHEETS JRAR. **TR RAN/AC7/1** 1837(30 Jun)-1841(31 Dec)

Contents:

There are summary balance sheets as at 1837(30 Jun) 1839(31 Dec) and 1841(31 Dec) with details of the shareout of profits amongst the firm's partners. The 1837 sheet covers the period from 1835(1 Jul).

FILE OF SUMMARY BALANCE SHEETS JRAR & RM. **TR RAN/AC7/2** 1842(31 Dec)-1850(31 Dec)

Contents:

For each year there is a summary balance sheet as at 31 Dec together with details of the shareout of profits amongst the firm's partners.

FINANCIAL STATEMENT JRAR. **TR RAN/AC7/3** 1845(31 Dec)

Contents:

Balance sheet; profit and loss account; trading account.

SUMMARY OF FINANCIAL STATEMENTS RM. **TR RAN/AC7/4** 1846-1848

Contents:

Balance sheet, profit and loss account and trading account. For each type of account the 3 yearly totals are entered alongside each other [incomplete]

FINANCIAL STATEMENT RM. **TR RAN/AC7/5** 1846(31 Dec)

Contents:

Balance sheet; profit and loss account; trading account.

FINANCIAL STATEMENT RM. **TR RAN/AC7/6** 1848(31 Dec)

Contents:

Balance sheet; profit and loss account; trading account.

BALANCE SHEET RM. **TR RAN/AC7/7** 1849(31 Dec)

BALANCE SHEET RM. **TR RAN/AC7/8** 1850(31 Dec)

VOLUME OF FINANCIAL STATEMENTS RM, RS, RSH. **TR RAN/AC7/9** 1851(31 Dec)-1880(31 Dec)

Bound Vol

Contents:

For each year there is a balance sheet, profits and loss account and trading account as at 31 Dec, except that the statements for 1852 and 1853 are combined.

VOLUME OF FINANCIAL STATEMENTS. RHJ. **TR RAN/AC7/10** 1881-1883

Bound vol

Contents:

Contains balance sheet; trading account and profit and loss account for each year as at 31 Dec.

FINANCIAL STATEMENT RSJ **TR RAN/AC7/11** 1941(31 Dec)

Contents:

Including balance sheet; profit and loss account and director's report. pp 3

FINANCIAL STATEMENT RSJ **TR RAN/AC7/12** 1942(31 Dec)

Contents:

Including balance sheet; profit and loss account and director's report. pp 3

FINANCIAL STATEMENT RSJ **TR RAN/AC7/13** 1943(31 Dec)

Contents:

Including balance sheet; profit and loss account and director's report. pp 3

FINANCIAL STATEMENT RSJ **TR RAN/AC7/14** 1944(31 Dec)

Contents:

Including balance sheet; profit and loss account and director's report. pp 3

FINANCIAL STATEMENT RSJ **TR RAN/AC7/15** 1945(31 Dec)

Contents:

Including balance sheet, profit and loss account and director's report. pp 3

FINANCIAL STATEMENT RSJ **TR RAN/AC7/16** 1946(31 Dec)

Contents:

Including balance sheet, profit and loss account and director's report. pp 5

FINANCIAL STATEMENT RSJ **TR RAN/AC7/17** 1947(31 Dec)

Contents:

Including balance sheet; profit and loss account and director's report. pp 6

FINANCIAL STATEMENT RSJ **TR RAN/AC7/18** 1948(31 Dec)

Contents:

Including balance sheets, profit and loss account, director's report and chairman's comments. There is a separate balance sheet for Ransomes Sociedad de Responsabilidad Limitada, Buenos Aires. pp 11.

FINANCIAL STATEMENT RSJ **TR RAN/AC7/19** 1949(31 Dec)

Contents:

Including balance sheet, profit and loss account, director's report and Chairman's comments. There are separate balance sheets for Ransomes, Sims and Jeffries Ltd (Parent company) and for Ransomes Sociedad de Responsabilidad Limitada, Buenos Aires. pp 14

FINANCIAL STATEMENT RSJ **TR RAN/AC7/20** 1950(31 Dec)

Contents:

Including balance sheets, profit and loss account, director's report and Chairman's comments. There are separate balance sheets for Ransomes, Sims and Jefferies Ltd (Parent Company) and for Ransomes Sociedad de Responsabilidad Limitada, Buenos Aires. pp 15.

FINANCIAL STATEMENT RSJ **TR RAN/AC7/21** 1951(31 Dec)

Contents:

Including balance sheets, profit and loss accounts, notes on accounts, director's report, Chairman's comments and general notes on the demand for products. There is a separate balance sheet for Ransomes Sociedad de Responsabilidad Limitada, Buenos Aires, and a general 6 year review for Ransomes, Sims and Jefferies Ltd and subsidiaries. pp 15

FINANCIAL STATEMENT RSJ **TR RAN/AC7/22** 1952(31 Dec)

Contents:

Including balance sheets, profit and loss account, notes on accounts, director's report, Chairman's comments, general notes on the demand for products and an analysis of how each £ of income is spent. There is a separate balance sheet for Ransomes Sociedad de Responsabilidad Limitada, Buenos Aires and a general 7 year review for Ransomes, Sims and Jefferies Ltd and subsidiaries. pp 15

FINANCIAL STATEMENT RSJ **TR RAN/AC7/23** 1953(31 Dec)

Contents:

Including balance sheets, profit and loss accounts, notes on accounts, director's report, Chairman's comments, general notes on machinery produced and an analysis of how each £ of income is spent. There is a separate balance sheet for Ransomes Sociedad de Responsabilidad Limitada, Buenos Aires and a general 7 year review for Ransomes, Sims and Jefferies Ltd and subsidiaries. pp 14.

FINANCIAL STATEMENT RSJ **TR RAN/AC7/24** 1954/31 Dec)

Contents:

Including balance sheets, profit and loss account, notes on accounts, director's report, Chairman's comments, an analysis of how each £ of income is spent and comparative chart of net assets and the number of ordinary shareholders for 1948-1954. There is a separate balance sheet for the above Argentine subsidiary and a general 7 year review for Ransome, Sims & Jefferies Ltd and subsidiaries. pp 14.

FINANCIAL STATEMENT RSJ **TR RAN/AC7/25** 1955(31 Dec)

Contents:

Including balance sheets, profit and loss account, notes on accounts, director's report, Chairman's comments and an analysis of how each £ of income is spent. There is a separate balance sheet for

the above Argentine subsidiary and a general 7 year review for Ransomes, Sims and Jefferies Ltd and subsidiaries. pp 14.

FINANCIAL STATEMENT RSJ **TR RAN/AC7/26** 1956(31 Dec)

Contents:

Including balance sheets, profit and loss account, notes on account, director's report and Chairman's comments. There is a separate balance sheet for the above Argentine subsidiary and a general 7 year review for Ransomes, Sims and Jefferies Ltd and subsidiaries. pp 10.

FINANCIAL STATEMENT RSJ **TR RAN/AC7/27** 1957(31 Dec)

Contents:

Including balance sheet, profit and loss account, notes on accounts, director's report, Chairman's comments and a general 8 year review for Ransome, Sims & Jefferies Ltd and subsidiaries. pp 11.

FINANCIAL STATEMENT RSJ **TR RAN/AC7/28** 1958(31 Dec)

Contents:

Including balance sheet, profit and loss account, notes on accounts, directors' report, Chairman's comments and a general 7 year review for Ransomes, Sims & Jefferies Ltd and subsidiaries. pp 11.

FINANCIAL STATEMENT RSJ **TR RAN/AC7/29** 1959(31 Dec)

Contents:

Including balance sheet, profit and loss account, notes on accounts, directors' report, Chairman's comments and a general 7 year review for Ransomes, Sims & Jefferies Ltd and subsidiaries. pp 11

FINANCIAL STATEMENT RSJ **TR RAN/AC7/30** 1960(31 Dec)

Contents:

Including balance sheet, profit and loss account, notes on accounts, directors' report, Chairman's comments, notes on products and factory developments and a general 7 year review for Ransomes, Sims & Jefferies Ltd and subsidiaries. pp 12.

FINANCIAL STATEMENT RSJ **TR RAN/AC7/31** 1961(31 Dec)

Contents:

Including balance sheet, profit and loss account, notes on accounts, directors' report, Chairman's comments, notes on products and factory developments and a general 7 year review for Ransomes, Sims & Jefferies Ltd and subsidiaries. pp 12.

FINANCIAL STATEMENT RSJ **TR RAN/AC7/32** 1962(30 Dec)

Contents:

Including balance sheet, profit and loss account, notes on accounts, directors' report, Chairman's comments, list of products in manufacture and a general 7 year review for Ransomes, Sims & Jefferies Ltd and subsidiaries. pp 12.

FINANCIAL STATEMENT RSJ **TR RAN/AC7/33** 1964(4 Jan)

Contents:

Including balance sheet, profit and loss account, notes on accounts, directors' report, Chairman's comments, a summarised yearly financial record for 1954-1963 (with 10 year totals) and a note on Ransomes achievement of 175 years of business. pp 16.

FINANCIAL STATEMENT RSJ **TR RAN/AC7/34** 1965(2 Jan)

Contents:

Including balance sheet, profit and loss account, notes on accounts, directors' report, Chairman's comments, a summarised yearly financial record for 1955-1964 (with 10 year totals) and a chart of the group's organisation and products pp 16.

FINANCIAL STATEMENT RSJ **TR RAN/AC7/35** 1966(1 Jan)

Contents:

Including balance sheet, profit and loss account, notes on accounts, directors' report, Chairman's comments, a summarised yearly financial record for 1956-1965 (with 10 year totals) and a chart of the group's organisation and products. pp 16.

FINANCIAL STATEMENT **TR RAN/AC7/41** 1966(Jun)

Contents:

For the half year, with Chairman's comments.

FINANCIAL STATEMENT RSJ **TR RAN/AC7/36** 1966(31 Dec)

Contents:

Including balance sheet, profit and loss account, notes on accounts, directors' report, Chairman's comments, a summarised yearly financial record for 1957-1966 (with 10 year totals), a chart of the group's organisation and products and a keyed photograph of the Nacton Works. pp 16

FINANCIAL STATEMENT **TR RAN/AC7/42** 1967(Jun)

2 copies

Contents:

For the half year, with Chairman's comments

FINANCIAL STATEMENT RSJ **TR RAN/AC7/37** 1967(30 Dec)

Contents:

Including balance sheet, profit and loss account, notes on accounts, directors' report, Chairman's comments, a summarised yearly financial record for 1958-1967 (with 10 year totals) and a chart of the group's organisation and products. pp 18.

FINANCIAL STATEMENT **TR RAN/AC7/43** 1968(Jun)

Contents:

For the half year with Chairman's comments.

FINANCIAL STATEMENT RSJ **TR RAN/AC7/38** 1969(4 Jan)

Contents:

Including balance sheet, profit and loss account, notes on accounts, directors' report, Chairman's comments, a summarised yearly financial record for 1959-1968 (with 10 year totals) and a chart of the group's organisation and products. pp 22

FINANCIAL STATEMENT **TR RAN/AC7/44** 1969(Jun)

Contents:

For the half year with Chairman's comments.

FINANCIAL STATEMENT RSJ **TR RAN/AC7/39** 1970(3 Jan)

Contents:

Including: balance sheet, profit and loss account, notes on accounts, directors' report, Chairman's comments, a summarised yearly financial record for 1960-1969 (with 10 year totals) and a chart of the group's organisation and products. pp 22

FINANCIAL STATEMENT **TR RAN/AC7/45** 1970(Jun)

Contents:

For the half year with Chairman's comments.

FINANCIAL STATEMENT RSJ **TR RAN/AC7/40** 1971(2 Jan)

Contents:

Including balance sheet, profit and loss account, notes on accounts, directors' report, Chairman's comments, a summarised yearly financial record for 1961-1970 (with 10 year totals) and a chart of the group's organisation and products. pp 22

FINANCIAL STATEMENT **TR RAN/AC7/46** 1971(Jun)

Contents:

For the half year, with Chairman's comments.

Branch Accounts **TR RAN/AC8** [n.d.]

Arrangement: TR RAN/AC8/1-4 Princes St Warehouse, Ipswich - Branch Accounts
TR RAN/AC8/5 Odessa Branch Account

GENERAL LEDGER RSJ Princes Street Warehouse, Ipswich. **TR RAN/AC8/1** 1916-1935

Bound Vol

Contents:

The entries are yearly only, generally on 31 December after the yearly stocktaking. The following accounts are included:-

Transfer; interest; rent; stock; goods bought; advertising; bad debts; carriage and cartage outwards; carriage in; fire insurance; fixtures and utensils; horse and motor hire; premises; rates

and taxes; salaries; shopmen's wages; show expenses; travelling; trade expenses; liabilities; sales; sundry; debtors; trade; profit and loss; J F Peacock; RSJ; wages charged to customers. There is a subject index at the front of the volume.

GENERAL LEDGER RSJ Princes Street Warehouse, Ipswich. **TR RAN/AC8/2** 1936-1946

Bound vol

Contents:

As above plus war risks insurance; staff bonuses; air raid precautions; J L Goldsmith; van and lorry; S. Whiting and staff accounts. There is no account for J F Peacock.

PRINCIPAL JOURNAL RSJ Princes Street Warehouse, Ipswich. **TR RAN/AC8/3** 1902(1 Nov)-1928(31 Dec)

Bound vol

Contents:

The entries are yearly summaries, generally 31 Oct pre 1919 and 31 Dec thereafter, for rapid posting to the general ledger.

PRINCIPAL JOURNAL RSJ Princes Street Warehouse, Ipswich. **TR RAN/AC8/4** 1929(1 Jan)-1945(1 Jan) and 1946(8 Jul)-1948(9 Jul)

Bound Vol

Contents:

No journal entries occur after 1945(Jan) as postings were made direct to the ledger from the two clearing accounts. After the journal proper, there is a cash book account in the name of Barclays Bank Ltd. Special No 2 Account (EPT) relating to initial work on the Nacton site. The three main creditors were 2 Catchpole & Sons Ltd, W & C French Ltd and Cocksedge & Co.

VOLUME OF FINANCIAL STATEMENTS RSJ Odessa Branch - No 2. **TR RAN/AC8/5** 1892(31 Oct)-1919(31 Oct)

Bound Vol

Contents:

There are the following accounts per financial year (1 Nov-31 Oct). Trade Account at 10 roubles per £ sterling; balance sheet; value of goods sent; cash received and balance due on goods account per month; proportions for sales and purchases of stock, freight, expenses, debts, profit or loss and capital.

Invoices and Accounting Papers **TR RAN/AC9** [n.d.]

INVOICE to Benjamin Quadling, Wherstead, from JRAR **TR RAN/AC9/1 X** 1834(24 May-26 Jul)

Contents:

For Plough Parts and Wagon Boxes.

INVOICE to Benjamin Quadling, Wherstead, from JRAR **TR RAN/AC9/2 X** 1840(22 Jun)

Contents:

For Wagon Boxes and an Iron Pot.

INVOICE to John Odell, Newport Pagnell, Bucks, from RM **TR RAN/AC9/3 X** 1848(2 Oct)

Contents:

Together with letter notifying intended visit by Adam Maitland from RM on 9 Oct.

INVOICE to John Odell, Newport Pagnell, Bucks, from RM **TR RAN/AC9/4** 1850(7 Jan)

Contents:

For Chaff Cutter No 14, together with forwarding letter from Odell Bros 1965(15 Jun).

INVOICE to AS Brook, Bexhill, Sussex, from RS **TR RAN/AC9/5** 1859(13 Jan)

Contents:

For Thrashing Machine Spare Parts.

LIST OF OUTSTANDING DEBTS to RSJ **TR RAN/AC9/6** 1920(23 Aug)

Contents:

Consequent to the First World War, arranged by country and subdivided into debtors. Countries involved are Russia, Roumania, Bulgaria, Austria, Germany and Turkey.

Administrative and Commercial Records **TR RAN/AD** [n.d.]

Arrangement: TR RAN/AD1 Minutes and Proceedings of Board Meetings

TR RAN/AD2 General Administrative and Commercial Records

TR RAN/AD3 Labour Records

TR RAN/AD4 Premises Records

TR RAN/AD5 Materials Records

TR RAN/AD6 Branch Records

TR RAN/AD7 Commercial Records

TR RAN/AD8 General Correspondence

TR RAN/AD9 Minor Administrative Records

Directors' Meetings **TR RAN/AD1** [n.d.]

Conditions of access: TR RAN/AD1/2-10 are confidential records and access to their copies requires special permission.

Arrangement: TR RAN/AD1/1 Minute Book

TR RAN/AD1/2-10 Reports of Proceedings

DIRECTORS' MINUTE BOOK. RSJ. **TR RAN/AD1/1** 1884(12 May)-1937(1 Dec)

Bound vol

Copies information: [MF 54]

Contents:

This is the formal record of resolutions made at board meetings, and represents a summary record of the full proceedings. There is a subject index at the front of the volume. Meetings were held:

1884 - 12 May, 17 May, 28 May, 10 Jun, 14 Jun, 14 Aug, 17 Nov
1885 - 2 Jan, 12 Feb, 9 Mar, 16 Apr, 20 Apr, 21 Apr, 20 Oct, 16 Dec
1886 - 5 Mar, 5 Apr, 13 Apr, 25 May, 29 Dec
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1925 - 21 Jan, 28 Jan, 11 Feb, 18 Feb, 25 Feb, 4 Mar, 18 Mar, 8 Apr, 22 Apr, 20 May, 27 May, 24 Jun, 20 Jul, 22 Jul, 5 Aug, 28 Aug, 23 Sep, 21 Oct, 28 Oct, 18 Nov, 25 Nov, 16 Dec, 23 Dec

1926 - 6 Jan, 20 Jan, 3 Feb, 27 Jan, 10 Feb, 17 Feb, 24 Feb, 17 Mar, 24 Mar, 31 Mar, 21 Apr, 19 May, 23 Jun, 11 Aug, 18 Aug, 20 Oct, 27 Oct, 10 Nov, 17 Nov, 25 Nov, 15 Dec, 23 Dec, 29 Dec

1927 - 5 Jan, 19 Jan, 26 Jan, 16 Feb, 23 Feb, 24 Feb, 2 Mar, 16 Mar, 24 Mar, 30 Mar, 20 Apr, 27 Apr, 11 May, 18 May, 1 Jun, 15 Jun, 23 Jun, 20 Jul, 28 Jul, 13 Jul, 3 Aug, 17 Aug, 31 Aug, 14 Sep, 21 Sep, 5 Oct, 12 Oct, 2 Nov, 3 Nov, 9 Nov, 23 Nov, 30 Nov, 14 Dec, 23 Dec,

1928 - 4 Jan, 11 Jan, 25 Jan, 8 Feb, 15 Feb, 22 Feb, 7 Mar, 14 Mar, 21 Mar, 28 Mar, 18 Apr, 16 May, 23 May, 30 May, 6 Jun, 20 Jun, 18 Jul, 8 Aug, 22 Aug, 5 Sep, 19 Sep, 26 Sep, 17 Oct, 31 Oct, 7 Nov, 21 Nov, 5 Dec, 19 Dec

1929 - 2 Jan, 23 Jan, 30 Jan, 12 Feb, 20 Feb, 27 Feb, 20 Mar, 27 Mar, 12 Apr, 17 Apr, 1 May, 8 May, 15 May, 21 Jun, 26 Jun, 31 Jul, 20 Aug, 18 Sep, 16 Oct, 23 Oct, 30 Oct, 6 Nov, 20 Nov, 27 Nov, 18 Dec

1930 - 8 Jan, 15 Jan, 22 Jan, 3 Feb, 12 Feb, 19 Feb, 5 Mar, 19 Mar, 26 Mar, 20 May, 24 Jun, 21 Aug, 10 Sep, 24 Sep, 15 Oct, 19 Nov

1931 - 14 Jan, 21 Jan, 9 Feb, 19 Feb, 18 Mar, 22 Mar, 20 May, 30 May, 17 Jun, 24 Jun, 5 Aug, 19 Aug, 23 Sep, 18 Nov, 23 Dec

1932 - 20 Jan, 17 Feb, 16 Mar, 20 Apr, 9 May, 18 May, 25 May, 15 Jun, 22 Jun, 22 Jul, 24 Aug, 31 Aug, 28 Sep, 19 Oct, 26 Oct, 25 Nov, 14 Dec

1933 - 22 Feb, 22 Apr, 17 May, 28 Jun, 4 Aug, 23 Aug, 22 Sep, 1 Nov, 22 Nov, 13 Dec, 22 Dec

1934 - 31 Jan, 23 Mar, 18 May, 27 Jun, 9 Jul, 17 Jul, 22 Aug, 12 Sep, 17 Oct, 20 Dec

1935 - 16 Jan, 20 Mar, 17 Apr, 24 May, 16 Oct

1936 - 10 Jan, 18 Mar, 16 May, 22 May, 22 Jul, 25 Sep, 11 Nov

1937 - 17 Feb, 27 Feb, 17 Mar, 21 Apr, 23 Apr, 28 May, 16 Jun, 19 Jun, 23 Jun, 21 Jul, 24 Sep, 21 Oct, 1 Dec

REPORTS OF PROCEEDINGS OF DIRECTORS' MEETINGS **TR RAN/AD1/2-10** [n.d.]

9 folders

Conditions of access: NB: TR RAN/AD1/2-10 These records are confidential and access to their copies requires special permission.

Contents:

These are reports on directors' meetings. These are monthly reports on directors' board meetings. The format was established by P E Ripley on 1919(10 Mar) and remained much the same thereafter. The principal sections are a financial/statistical report, list of customers' orders in hand (both numbers and value), Export Trade Report, Home Trade Report, Factory Report, Details of Capital Expenditure and Accounts, Secretary's Report and special additions. The individual reports are detailed analyses and summaries. There is no subject index.

FILE 1 **TR RAN/AD1/2** 1919(Apr) - 1922(Apr)

Copies information: [MF 54]

Contents:

The reports are dated:

1919 - 25 Apr, 21 May, 18 Jun, 23 Jul, 20 Aug, 17 Sep, 22 Oct, 19 Nov, 17 Dec

1920 - 21 Jan, 18 Feb, 17 Mar, 20 Apr, 26 May, 25 Jun, 21 Jul, 18 Aug, 22 Sep, 20 Oct, 17 Nov, 16 Dec

1921 - 19 Jan, 16 Feb, 16 Mar, 18 Apr, 18 May, 24 Jun, 20 Jul, 19 Aug, 21 Sep, 22 Oct, 16 Nov, 14 Dec

1922 - 18 Jan, 24 Feb, 22 Mar, 12 Apr

Plus 1919(10 Mar) Procedural Notes by P E Ripley

FILE 2 **TR RAN/AD1/3** 1922(May)-1924(Apr)

Copies information: [MF 54]

Contents:

The reports are dated:

1922 - 17 May, 16 Jun, 19 Jul, 23 Aug, 20 Sep, 18 Oct, 21 Nov, 22 Dec

1923 - 24 Jan, 21 Feb, 21 Mar, 18 Apr, 23 May, 22 Jun, 31 Jul, 22 Aug, 19 Sep, 17 Oct, 21 Nov, 21 Dec

1924 - 23 Jan, 20 Feb, 19 Mar, 17 Apr

FILE 3 **TR RAN/AD1/4** 1924(May)-1926(Apr)

Copies information: [MF 55]

Contents:

The reports are dated:

1924 - 21 May, 27 Jun, 23 Jul, 20 Aug, 16 Sep, 22 Oct, 19 Nov, 24 Dec

1925 - 21 Jan, 18 Feb, 17 Mar, 22 Apr, 20 May, 24 Jun, 22 Jul, 28 Aug, 23 Sep, 21 Oct, 18 Nov, 23 Dec

1926 - 20 Jan, 17 Feb, 17 Mar, 21 Apr

Plus i. 1924(27 Jun) Chairman's statements to 40th AGM

ii. 1925(25 Jun) Chairman's statements to 41st AGM

FILE 4 **TR RAN/AD1/5** 1926(May)-1928(Apr)

Copies information: [MF 55]

Contents:

The reports are dated:

1926 - 19 May, 23 Jun, 21 Jul, 18 Aug, 22 Sep, 20 Oct, 17 Nov, 23 Dec

1927 - 19 Jan, 23 Feb, 23 Mar, 20 Apr, 18 May, 23 Jun, 20 Jul, 17 Aug, 21 Sep, 19 Oct, 23 Nov, 23 Dec

1928 - 18 Jan, 22 Feb, 21 Mar, 18 Apr

Plus i. 1926(15 Jun) Chairman's statements to 42ndAGM

ii. 1927(23 Jun) Chairman's statements to 43rd AGM

FILE 5 **TR RAN/AD1/6** 1928(May)-1930(Apr)

Copies information: [MF 55]

Contents:

The reports are dated:

1928 - 16 May, 20 Jun, 18 Jul, 22 Aug, 19 Sep, 17 Oct, 21 Nov, 19 Dec

1929 - 23 Jan, 20 Feb, 20 Mar, 17 Apr, 15 May, 21 Jun, 29 Jul, 20 Aug, 18 Sep, 23 Oct, 20 Nov, 18 Dec

1930 - 22 Jan, 19 Feb, 19 Mar, 23 Apr

Plus i. 1928(20 Jun) Chairman's statements to 44th AGM

ii. 1929(21 Jun) Chairman's statements to 45th AGM

FILE 6 **TR RAN/AD1/7** 1930(May)-1932(Apr)

Copies information: [MF 55]

Contents:

The reports are dated:

1930 - 20 May, 24 Jun, 23 Jul, 21 Aug, 24 Sep, 22 Oct, 19 Nov, 17 Dec

1931 - 21 Jan, 19 Feb, 18 Mar, 22 Apr, 20 May, 17 Jun, 24 Jul, 19 Aug, 23 Sep, 23 Oct, 18 Nov, 23 Dec

1932 - 20 Jan, 17 Feb, 16 Mar, 20 Apr

Plus i. 1930(24 Jun) Chairman's statements to 46th AGM

ii. 1931(17 Jun) Chairman's statements to 47th AGM

iii. 1931(20 Jan) Report on proposed alterations to Lawn Mower Works, Waterworks Street

iv. 1931(4 Sep) Report on future of thrashing machine trade

v. 1931(15 Dec) Report on universal refrigerators

vi. 1932(16 Feb) Report on export conditions in the Argentine

vii. 1931(10-11 Sep) Minutes of Executive Directors' Conference over future manufacturing and selling.

FILE 7 **TR RAN/AD1/8** 1932(May)-1934(Apr)

Copies information: [MF 55]

Contents:

The reports are dated:

1932 - 18 May, 22 Jun, 22 Jul, 31 Aug, 21 Sep, 19 Oct, 25 Nov, 23 Dec

1933 - 18 Jan, 22 Feb, 22 Mar, 22 Apr, 17 May, 28 Jun, 4 Aug, 23 Aug, 22 Sep, 18 Oct, 22 Nov, 22 Dec

1934 - 17 Jan, 20 Feb, 23 Mar, 18 Apr

Plus i. 1932(8 Jun) Chairman's statement to 48th AGM

FILE 8 **TR RAN/AD1/9** 1934(Apr)-1936(Apr)

Copies information: [MF 55 pp1-80 MF56 pp 81ff]

Contents:

The reports are dated:

1934 - 18 May, 27 Jun, 17 Jul, 22 Aug, 21 Sep, 17 Oct, 21 Nov, 20 Dec

1935 - 16 Jan, 20 Feb, 20 Mar, 17 Apr, 24 May, 28 Jun, 26 Jul, 23 Aug, 20 Sep, 16 Oct, 20 Nov, 19 Dec

1936 - 22 Jan, 19 Feb, 18 Mar, 24 Apr

Plus i. 1935(16 Apr) Report on capital expenditure for the year ended 1935(31 Mar)

ii. 1935(20 Sep) Shorthand notes for above meeting of 1935(20 Sep)

FILE 9 **TR RAN/AD1/10** 1936(May)-1939(Jan)

Copies information: [MF56]

Contents:

The reports are dated:

1936 - 22 May, 22 Jun, 22 Jul, 19 Aug, 25 Sep, 20 Oct, 18 Nov, 22 Dec

1937 - 19 Jan, 17 Feb, 17 Mar, 21 Apr, 28 May, 23 Jun, 21 Jul, 24 Aug, 24 Sep, 21 Oct, 17 Nov, 22 Dec

1938 - 19 Jan, 25 Feb, 25 Mar, 22 Apr, 18 May, 17 Jun, 20 Jul, 17 Aug, 16 Sep, 18 Oct, 25 Nov, 16 Dec

1939 - 18 Jan

Plus i. 1937(17 Nov) Chairman's statement to EGM

POCKET NOTE BOOK. **TR RAN/AD2/1** 1884-1901

Bound vol

Contents:

Summary of sales, output and wages statistics. All figures are yearly. Contents are given below in detail due to abbreviated headings in the original.

i. 1884-1901 Sales-Home. Divided into 8 manufacturing sections (as on sales analysis sheets)

ii. 1884-1901 Sales-Export. Divided into 8 manufacturing sections (as on sales analysis sheets)

iii. 1891-1901 Sales-Export, Europe. Divided into 8 manufacturing sections (as on sales analysis sheets)

iv. 1891-1901 Sales-Export, Asia. Divided into 8 manufacturing sections (as on sales analysis sheets)

v. 1891-1901 Sales-Export, Africa. Divided into 8 manufacturing sections (as on sales analysis sheets)

vi. 1891-1901 Sales-Export, America. Divided into 8 manufacturing sections (as on sales analysis sheets)

- vii. 1891-1901 Sales-Export, Australasia. Divided into 8 manufacturing sections (as on sales analysis sheets)
- viii. 1884-1901 Output-Home. Divided into numbers of Swing Ploughs, Double Furrow Ploughs, Total Ploughs, Shares, Potato Planters, Horse Rakes, Haymakers, Swathe Turners, Cultivators, Steam Thrashing Machines, Straw Elevators and Stackers, Lawn Mowers, Corn Mills, Boilers, Portable Steam Engines, Stationary Steam Engines, Vertical Steam Engines, Traction Engines, Total Engines.
- ix. 1884-1901 Output-Export. As Home but including Tea Machinery.
- x. 1884-1901 Wages-Analysis of stock and customers work compared to fixtures and utensils. For foundry, smiths, boiler makers, engineering department, thrashing machinery, agricultural implements, pattern makers, Lawn Mowers, sundries and grand totals.
- xi. 1884-1901 Wages-Analysis of day work rates compared to piece work rates. Divisions as above.
- xii. 1884-1899 Input-Tonnage. Bars-iron, steel and total; plates and sheets with total

NOTEBOOK - Engineering Department. **TR RAN/AD2/2 X** 1881 - 1930

Bound vol

Contents:

Probably of C J Palmer, company secretary. Includes a wide variety of information mainly relating to the first world war period, with a subject index at the front of the volume:

- i. 1881-1930 Details of tool room foreman, including length of employment and remarks. F 9.
- ii. 1909-1915 Details of tool room staff, wage rates and alterations. F 10.
- iii. 1910-1914 Details of tool room boys' wage rates. F 11.
- iv. 1912-1927 List of general alterations to hours of work. F 12.
- v. 1918-1926 Details of strikes affecting Works. F 13.
- vi. 1876-1920 Details of engineering department, brass shop foreman. Includes length of employment, wage rates with alterations and remarks. Ff 14-15
- vii. 1912-1916 Details of alterations of payment to sundry staff from weekly PO orders. F 16.
- viii. 1908-1920 Staff Personalia. F 17.
- ix. 1881-1929 Directors' Personalia. F 18.
- x. 1903-1913 Details of new machine shop and fittings. F 19.
- xi. 1912 Details concerning arrangements for gas engine stoppages, with table of speeds of gas engines and live shaft. F 20.
- xii. 1916(May) Details of costing admiralty works by Reavill. F 20.
- xiii. 1908-1914 Comparative table of numbers of men and boys employed. F 21.
- xiv. 1912-1913 Technical notes on "pulley stone" shrinkage allowance and wear of emery wheels in grinding. F 22.
- xv. 1899-1920 Orwell Works premises notes. F 22.
- xvi. 1910-1917 Details of general advances in labourer's wages. F 23.
- xvii. 1915 Details of wage negotiations with Ipswich Engineering Employees' Association.
- xviii. 1915 Details of altered wage rates for boys. F 24.
- xix. 1915-1916 Details of payment at times of air raid. F 24.
- xx. 1908 Table of brass mixtures used at Orwell Works. F 25.
- xxi. 1890 Details of radii of flywheel and pulley face curves. F 26.
- xxii. 1908-1913 Details of boring and turning longstroke flywheels as used by E R and F Turner and Ransomes & Rapier. F 26.
- xxiii. 1918-1924 Premises notes on machines shops, Park pump station, tool room and pattern shop office. F 27.
- xxiv. [c1910] Details of Park Stores system of ordering. F 28.

- xxv. 1914 Technical information on cutting compounds, heat treatment of steels, bullet proof steel, bell dressing, speed of grindstone, speed of Norton emery wheels and particulars of wheel on No 34 grinder. Ff 29-31.
- xxvi. 1914-1916 Engineering Department staff wage rates, divided into different occupations, then individual employees, with subsequent alterations and with note of general alterations by award of 1919(1 Dec) Ff 33-40.
- xxvii. 1915-1917 Details of special war bonuses to tool makers. F 42.
- xxviii. 1904-1919 Details of wage rates including alterations for F I Keeble, C. Webster, W Keeble, S Lace, P, Ball, A R Turner, W Barker, F J Ruffles, H Falla, H Felgate, E A Parker, A E Sharpe, W Barker, W E Wouble and H Spencer. Ff 43-50.
- xxix. 1915-1916 Details of improved wage rates as at 1916(29 Nov) for boiler makers, pattern makers and improvers. F 51.
- xxx. 1917(6 Nov) Details of war bonus to staff. F 52A
- xxxi. 1914-1917 Comparison of pre-war wage rate and advances for male labourers daywork, male skilled workers daywork, male skilled workers piecework and women workers. Ff 52A-B
- xxxii. 1918-1919 Details of wage rate advances. F52B
- xxxiii 1852-1918 Details of wage rates including alterations for S Sawyer [together with letter from same, 1928(30 Jan) and J Pemberton. F 53.
- xxxiv. 1876-1918 Staff Personalia. F 54.
- xxxv. 1918 Details of appointment of night watchmen. F 55.
- xxxvi. 1917-1919 Details of temporary bonuses to individuals. Ff 56-57
- xxxvii. 1926 Details of use of cutting compounds. F 58.
- xxxviii. 1918 Supply list of waterproof coats to foreman, assistants and yardmen. F 59.
- xxxix. 1912-1919 Personalia, including wage details for W Goddard, E Crawford, J Larkman, M Campbell, M Berry, P Ball. Ff 60-62
- xl. 1914-1923 Comparison of 1914 with 1923 wages rates for Engineering Department fitters, erectors and staff. F 63.
- xli. 1918-1919 Personalia including wage details for H Turner, G H O Driscoll, W Taylor, W Saunders, F Pryke and S H Palmer. Ff 64-66.
- xl.ii. 1904-1925 Premises Notes. F 67A-B.
- xl.iii. 1920(23 Mar) Details of wage advance, continued from xxxii. F 68.
- xl.iv. 1897-1921 Summary of wage advances for pattern makers, turners and fitters. F 69.
- xl.v. 1923(27 Nov) Comparison of new boys employed in Engineering Department, with Thrashing Machinery Department and Vehicle Department. F 70.
- xl.vi. 1867-1930 Details of arrival and departure of Foundry foremen. Ff 72-74.
- xl.vii. 1926(29 May) Details of alterations to Machinery Shop driers, including the motors attached in place of the former gas engines. Ff 76-77.
- xl.viii. 1926(Jul) Technical notes on balata and leather belts. F 78.
- xl.ix. 1927(Nov-Dec) Comparison of costs of drop stampings and hand forgings. F 79
- l. 1927 Premises notes. F 81
- li. 1926(Dec) Details of emery wheel for Churchill grinder. 22 x 108 ins. F 82
- lii. 1904-1930 Personalia concerning Herbert Falla. F 83

NOTEBOOK - Ploughs. **TR RAN/AD2/3** 1881

Contents:

Various data and comments. Contents:

1. [c1881] Notes on history and development of certain ploughshare types - BC, AP, SA, B, SB, 107, 703, SE and shares for Ball's ploughs, and of YL ploughs. pp 1-11.
- ii. 1855-1881 Yearly values of plough fittings sales, with totals. pp 13-14.
- iii. 1872-1881 Yearly production figures of patent plough shares with totals. P 15.

- iv. [1881] Note of number of prizes won by Newcastle plough series. P 17.
- v. [1881] Notes on recent output of steel plough breasts not stamped "Ransomes" P 19.
- vi. 1874-8 Notes on trade mark infringement notices printed by RSM. P 21.
- vii. 1852-1880 Yearly amounts of account of H Clayden [1852-1860] and Graham & Joslin [1861-1880] with RS and RSH with totals. Pp 23-5.
- viii. 1840-1864 Notes of earliest reference to manufacture of YL, AE, AY, BHJ & RNF plough series. P 27.
- ix. 1844-1864 Note of RASE prizes won by YL and RN ploughs. P 29.
- x. 1874-1881 Notes on Woods & Co. Stowmarket and RSH trade marks. P 31.
- xi. [1881] Notes on plough part costs for different acreages. P 33.
- xii. 1860-1880 List of Bury Branch Managers up to 1876 when business transferred to Castledine and Nunn. Pp 34-5
- xiii. [c1881] Particulars of plough fittings exhibited by defendants in case Ransome v Graham. Includes mark and makers name. Pp 36-7.
- xiv. 1864-1881 Yearly values of ploughing matches expenses with totals. P 39.
- xv. 1872-1881 Yearly RNF ploughshare sales with totals. P 41.
- xvi. 1881 Average number of workmen employed in 4 areas of plough manufacture. P 43.
- xvii. 1874-1880 Details, including amount and PNs, on trade mark infringement notices, published by RSH, P 45.
- xviii. 1833-1880 List of legal actions taken by Ransomes against piracy of their ploughs. P 47.

POCKET NOTEBOOK. **TR RAN/AD2/4** 1920-1950

Bound vol

Contents:

Contains a variety of information concerning staff personalia, insurance rates, (National Health and unemployment), bank rate, clause for patent agreements, castings produced, details on labour force and wages, royalties, war time production, pension fund and lien.

BUNDLE OF PAPERS concerning RSJ and the Second World War. **TR RAN/AD2/5** 1940(Jun)-1944(Apr)

File includes 2 letters from Ministry of Supply **TR RAN/AD2/5/i** 1940(10 Jun)-11 Jul)

Contents:

Declaring RSJ to be a controlled undertaking and concerning priority of government contracts, together with a notice of 12 Jun declaring Ruston & Hornsby Ltd, Lincoln to be a controlled undertaking.

File includes letter from Admiralty (Contract Department) and internal memo. **TR RAN/AD2/5/ii** 1940(13-17 Jun)

Contents:

Concerns documents required for RSJ personnel to visit H M Dockyards.

Letter from Admiralty (Contract Department) **TR RAN/AD2/5/iii** 1940(29 Oct)

Contents:

Concerning break clause in contract with British Iron & Steel Federation for the supply of raw materials.

File of certificates with covering letters from Ministry of Labour and National Service. **TR RAN/AD2/5/iv** 1941(23 Apr-11 Aug)

Contents:

Concerns RSJ (Orwell Works) certified as scheduled undertaking for the Essential Work (General Provisions) Order, 1941 and the certification of the Orwell Works, Princes Street and Warehouse, and Bury St Edmunds Warehouse as protected establishments. Includes renewals.

File of material from Admiralty. **TR RAN/AD2/5/v** 1941(18 Nov)

Contents:

Concerns transmission of vitally urgent telegrams when land lines are cut and a copy of "Invasion - Guidance for Admiralty Contractors", concerned with both maintaining production and facing the enemy. There is a typed copy of the file.

Extract from Executive Committee Report **TR RAN/AD2/5/vi** 1942(6 Mar)

Contents:

For a meeting of the Engineering and Allied Employers East Anglian Association, concerning a firm's liability for wages at the time of evacuating their premises.

Memorandum from Frank Ayton **TR RAN/AD2/5/vii** 1944(27 Apr)

Contents:

Concerning preparation for any works damage due to enemy action.

FILE of material concerning 2 RSJ applications for the Queen's Award to Industry. **TR RAN/AD2/6** 1966(17 Oct)

Bound vol

Contents:

- i. For Export Achievement. Includes general export and home sales analyses for 1963(Jan)-1966(Jun) and a breakdown into individual countries for export sales.
- ii. For Technical Innovation - Cavalier Combine Harvester.

[no title or date] **TR RAN/AD3**

Arrangement: TR RAN/AD3/1-10 Registers and Lists of Workmen

TR RAN/AD3/1-3 Early Lists

TR RAN/AD3/4-9 Principal Series of Registers

TR RAN/AD3/10 Subsidiary List

TR RAN/AD3/11 General Personnel Records

TR RAN/AD3/12-21 Employment Agreements

TR RAN/AD3/12-15 Apprenticeship Indentures

TR RAN/AD3/16-17 Contracts

TR RAN/AD3/18-21 Appointments Correspondence

TR RAN/AD3/22-26 Illness, Injury, Relief and Pension Records

TR RAN/AD3/22-24 Relief Fund Society

TR RAN/AD3/27 Employees Rules and Regulations

TR RAN/AD3/28 Training Records
TR RAN/AD3/29-30 Union Records
TR RAN/AD3/31-52 Notices and Letters to Employees
TR RAN/AD3/53 Notices and Requests from Employees

LIST OF WORKMEN in the employ of JRAR as at 1835 (23 Oct.). **TR RAN/AD3/1 X 1793-1835**

Bound vol.

Contents:

Arranged in chronological order of commencing employment. The entries contain notes on abilities, performance and general personalia, together with wage rates and their alteration. At the front of the volume is a summary list of the contents denoting name, date commences employment, page number and subsequent notes concerning departure. There is also an alphabetical index. Compiled by James Ransome.

LIST OF WORKMEN employed in the several departments of the Upper Foundry of JRAR. **TR RAN/AD3/2 1843 (Feb.)**

Contents:

Arranged by departmental occupations. They include firemen/furnace work; ladle carriers; moulders of plough work; share-makers; general moulding; apprentices; moulders assistants; trimmers of plough work; general trimmers; various. There are wage rates per employee and composite totals both for the number of employees and for wages. Compiled by James Ransome.

LIST OF WORKMEN in the employ of RM. **TR RAN/AD3/3 1851 (Jan.)**

Bound vol.

Contents:

In alphabetical order. Within each letter there are subheadings for general occupations. For each workman there is date of arrival, age, wages as at 1851, name and precise occupation. There are no totals.

REGISTER of Workmen, No 1. **TR RAN/AD3/4 1859-1872**

Bound vol

Contents:

Divided into 4 1859-1862; 1862-1865; 1866-1869; 1869-1872. Each part is subdivided into 3 sections and each section into different classes of job.

i. Foundry employees (Ploughs, Patent Shares, Malleable and Brass Foundries) - moulders, patent share makers, case makers, assistants, trimmers, foundry fitters, general labourers, scrap and coke workers, firemen, furnacemen, ladle men, office staff, lampmen, pattern room workers, gate men and sundry employees.

ii. Smiths, strikers, boiler makers, pattern makers, steam hammer operators, engineering turners, engineering fitters, assistants, labourers.

iii. Agricultural turners, agricultural fitters, fitters' assistants, machine makers, plough fitters, bricklayers, yardmen, treenail mill workers, wood planers, sawyers, messengers, warehousemen, carters, engine drivers, gate keepers, store keepers.

The format per employee is name, date entered employment, date left employment, cause of discharge, wage and manager's initials. Thereafter are entered any subsequent wage increases during the period when the entry was current, together with the manager's initials in each case.

REGISTER of Workmen, No 2. **TR RAN/AD3/5** 1872-1887

Bound vol

Contents:

Divided into 2 parts. 1872-1876; 1876-1881. By 1881, the sectional overspill was so great that subsequent entries were made under headings of occupation only with no indication of which section of the book was involved. The sectional system was still used for the preceding 2 parts and includes the following additions.

- i. Bar Iron Warehouse Staff; Engine painters.
- ii. Ploughmen, machinemen, assistants, plough and agricultural painters, sail makers, strap makers, watchmen, marking, carting and sorting staff, plough shop labourers, lawn mower works staff, erectors, lathe and machine men, carpenters, wheelers, millstone makers, porters, reaper and mower fitters.

Format per entry is as above except that manager's initials are omitted after 1881. There is an index of occupations at the front of the volume.

LIST of workmen **TR RAN/AD3/5/1** 1875(14 Aug)

Contents:

Divided into occupations with wage rates and comments for:

- i. Agricultural Department - lathemen, driller, other machines, fitters, wheet iron workers and trimmers, labourers on ironwork, strap makers.
- ii. Machine shop - erectors, carriage work, shakers, drum makers, dressing machine makers, wheelers, packers, labourers on woodwork, wood and iron store keepers, men on odd work.

LIST of Park Department workmen **TR RAN/AD3/5/2** 1875(19 Aug)

Contents:

Divided into occupations with wage rates and comments for:

- i. Saw Mill - machine men, labourers, marking, stacking and carting staff, engine drivers.
- ii. Converting Mill - lathe and machine men, fitters, wheelers, carpenters, labourers.
- iii. General - yardmen, bricklayers, strap makers, sail makers, gate keepers, watchmen, store keepers, carters.

REGISTER of Workmen, No 3. **TR RAN/AD3/6** 1887(Feb) - 1899(Feb)

Bound vol

Contents:

The sectional system is here replaced by a general alphabetical list, according to surname, and is followed by 2 alphabetical sections of additions to the original list. The format per entry is as above except manager's initials are omitted and an indication of occupation is given after the employee's initial wage rate.

REGISTER of Workmen, No 4. **TR RAN/AD3/7** 1899(Feb) - 1908(Oct)

Bound vol

Contents:

An alphabetical list of employees, according to surname, the volume being letter indented. Format per entry is name, job classification, wage rate, date entered employ, date left employ, cause of leaving, date of re-entering employ and details of altered wage rates with dates concerned.

REGISTER of Workmen, No 5. **TR RAN/AD3/8** 1908(Oct) - 1917(Jun)

Bound vol

Contents:

An alphabetical list of employees, according to surname, the volume being indented. Format per entry is Character File folio [these began 1899(4 Dec) so that no files were made for employees prior to that date], name, job classification, wage rate, date entered employ, age at entering employment, date left employ, cause of leaving, date of re-entering employ, details of altered wage rates with dates concerned, reference to Wages Book No 4 folio and remarks. Ages marked "X" in red refer to their ages as at 1909(Oct). "A" in red denotes apprentices.

REGISTER of Workmen, No 6. **TR RAN/AD3/9** 1917(Jul) - 1922(Nov)

Contents:

An alphabetical list of employees, according to surname, the volume being letter indented. Format per entry is as Wages Book No 5, except the penultimate column is for reference to Wages Book No 5.

LIST OF WORKMEN. **TR RAN/AD3/10** [1870's]

Bound vol

Contents:

In alphabetical order. For each entry there is a note of wages and the initials of the respective foreman. The foremen are listed separately at the front. Compiled by R C Ransome.

VOLUME OF DETAILED NOTES. **TR RAN/AD3/11** 1887-1924

Bound vol.

Contents:

Compiled by J B Reeve. 1923-4. Concerns events affecting the Wages and Cost Department, especially labour relations and trade unionism. Typescript. A formal compilation in 3 main sections: i. 1887-1924 General Events and Records - relevant to the Wages and Cost Department. Contents include historical outlines, 1789-1921; special public occasions when the Works were closed, 1887-1918; the Works during the Boer War; reduction in shop hours; variation of pay day; standard holiday period arrangements; shop charges and trade expenses for wages; monthly wages department analysis sheets; foundry records and accounts; smith's shop records and accounts; apprenticeship service interrupted by the Great War; post war training of boys; employment of women; annual stocktaking of saleable stock; Works public celebrations; distribution of firewood; beer during working hours; organisations for workmen's benefits; financial assistance to distressed workmen; workmen's contributions to charities; engagement and discharge of workmen and

National Insurance Acts; aged workmen; Works rules and regulations; stores organisation; directors' accounts and sales to members of staff; fire protection; Works valuation of 1911; Works War Memorial; publican workmen; thefts and dishonesty; Works during the Great War; factory legislation; workmen's accident compensations; fatal accidents; Foremen's Mutual Benefit Society; Armistice notes; 1924 railway strike; Ipswich Municipal Charities; East Anglian Munitions Trust; Works costing system; pp 103.

ii. 1914-1923 Orwell Works Labour Problems. Contents include Introduction; War period in the Works shops; Engineering Employers Federation including details of its executive board and its 1920 agreement with Foundry Unions; Dyer Memorial Fund; Federation withdrawal due to piecework overtime; Ipswich and District Engineering Employers' Association; labour disputes and strikes; Emergency War Legislation; Post War outlook and 1919 trade slump; Post War wage reductions; 1922-(Mar-Apr) lockout; position in 1920-1922 and wage stabilisation. pp 75.

iii. Orwell Works Trade Unionism. Contents include Amalgamated Society of Engineers; Boilermakers, Iron and Steel Shipbuilding Society; Friendly Society of Ironfounders; Sharemoulders; Associated Blacksmiths and Ironworkers Society; United Patternmakers Association; Amalgamated Sheet Metal Workers and Braziers; Amalgamated Society of Carpenters, Cabinet Makers and Joiners; General Union of Carpenters and Joiners; Amalgamated Society of Woodcutting Machinists, National Union of Vehicle Builders; Ipswich Joint Trade and Aircraft Committee; Workers' Union; National Union of General Workers; pp 33 Each section is preceded by a subject index in alphabetical order.

NOTICES extracted from the above **TR RAN/AD3/11/1** 1962(1 Feb)

APPRENTICESHIP INDENTURE **TR RAN/AD3/12** 1822(6 Mar)

Contents:

Party 1: Isaac Butcher of Ipswich, son of Samuel Butcher - labourer of Ipswich.

Party 2: Robert Ransome the Elder, of Colchester; James Ransome, of Ipswich and Robert Ransome the Younger of Ipswich - Ironfounders and Co-Bartners.

Term: 5 years

Trade: Ironfounder [Sand Moulder]

Payment: First Year - 7/- per week; Second Year - 8/- per week; Third Year - 9/- per week; Fourth Year - 10/- per week; Fifth Year - 12/- per week.

[Containing envelope states Isaac Butcher died 1888(4 Feb) aged 82, after 69 years with the firm].

APPRENTICESHIP INDENTURE **TR RAN/AD3/13** 1854(28 Sep)

Typescript copy

Contents:

Party 1: Henry Beeton of Ipswich, son of Charles Beeton of Ipswich - labourer.

Party 2: Robert Ransome, James Allen Ransome and William Dillwyn Sims all of Ipswich - Ironfounders and Engineers.

Term: 1854(28 Sep)-1860(13 Apr)

Trade: Turner and Fitter

Payment: First Year - 4/- per week; Second Year - 5/- per week; Third Year - 6/- per week; Fourth Year - 7/- per week; Fifth Year - 8/- per week; Thereafter - 9/- per week.

APPRENTICESHIP INDENTURE **TR RAN/AD3/14** 1856(13 Sep)

Contents:

Party 1: James Edward Ransome of Ipswich

Party 2: Robert Ransome, James Allen Ransome and William Dillwyn Sims, all of Ipswich - Ironfounders, Engineers and Manufacturers of Agricultural Implements.

Term: 5 years

Trade: Ironfounder and Engineer

Payment: First Year - 6/- per week; Second Year - 7/- per week, Third Year - 8/- per week; Fourth Year - 9/- per week; Fifth Year - 10/- per week.

REGISTER of abstracts of apprenticeship indentures. **TR RAN/AD3/15** 1838-1872

Bound vol

Copies information: [MF 54]

Contents:

Divided into master apprentices and apprentices. Each section is in chronological order of commencement of agreement. The format is name, art, date of commencing agreement, age on entering agreement, term of years, date expiry, wage rates per year and remarks. The dates for the volume refer to commencement of agreements.

The register proper is preceded by:

- i. 1881(Jul) Table comparing wages of "lads" in works with those in offices at various ages.
- ii. 1843(Jun) Regulations for rate of apprenticeships wages, according to age.
- iii. 1854(2 Nov) Regulations over employment of apprentices and wage rates, with subsequent amendments, as at 1857(26 Feb) and 1861(12 Feb)

The following papers were loose in the back endpapers.

ACCOUNT OF SALARIES **TR RAN/AD3/15/1** 1883

Contents:

Gives individuals' monthly salaries, overall monthly totals and yearly balance.

ACCOUNT OF APPRENTICES' WAGES **TR RAN/AD3/15/2** 1883

Contents:

Gives overall weekly figures and yearly totals, balanced against individual apprentices' weekly wages.

ACCOUNT OF SALARIES **TR RAN/AD3/15/3** 1884

Contents:

Includes the following four items:

- i. Salaries account according to Ledger C
- ii. Notes concerning amendment and alteration of account
- iii. Working papers for final salaries account; including quarterly totals and individual monthly payments.
- iv. List of yearly salaries payed out to individual staff, divided into departments.

ACCOUNT OF CLERK SALARIES **TR RAN/AD3/15/4** 1867-1887

Contents:

Includes:

- i. 1867 List of salaries per department
- ii. 1877 List of salaries per department
- iii. 1885 List of salaries per department
- iv. 1884 Account of salaries. Gives overall weekly figures and yearly total balanced against individuals' weekly wages. [Although headed "clerks", the account probably refers to apprentices]
- v. 1867 and 1887 List of clerks with their respective jobs compared at the two dates.

PERSONNEL FILE **TR RAN/AD3/15/5** 1883(29 Dec)-1885(10 Apr)

Contents:

Concerning application of G M Simpson for a clerk's post, testimonials and correspondence over terms of employment.

PERSONNEL FILE **TR RAN/AD3/15/6** 1886(23 Jan-28 Feb)

Contents:

Relating to employment of above G M Simpson

TWO LETTERS **TR RAN/AD3/15/7** 1884(15 and 19 Nov)

Contents:

Concerning departure of James Wenham from employment with RSJ

LETTER to R C Ransome from J Foreman **TR RAN/AD3/15/8** 1885(21 Mar)

Contents:

Concerning staff alterations.

MEMORANDUM to R C Ransome from W K Tickner **TR RAN/AD3/15/9** 1885(21 Mar)

Contents:

On wage rates of general stores staff.

CONTRACT **TR RAN/AD3/16 X** 1900(9 Jul)

Contents:

Party 1: RSJ

Party 2: Henry Meredith of Ipswich

Term: 3 years, subject to 3 months notice

Employment: Foreman of Lawn Mower Works

Payment: £2.15.0d per week

Other Terms: Allowance of 2 weeks holiday per year. Party 2 not to work for any other Lawn Mower manufacturers within 5 years after termination of contract.

Endorsement: Contract continued from 1911(1 Jan) at a wage of £3 per week.

LIST of foreman's duties, Lawn Mower Works **TR RAN/AD3/16 X/1** [c1900]

CONTRACT **TR RAN/AD3/17** [1920's]

Contents:

[Blank specimen] as used by RSJ with salaried employees.

LETTER to J H W Pawlyn from J E Ransome **TR RAN/AD3/18** 1901(29 Mar)

Contents:

Confirming the agreement of RSJ with Pawlyn for 3 years at a salary of £300, subject to 3 months notice.

COPY LETTER to J E Ransome from J H W Pawlyn **TR RAN/AD3/19** 1904(May)

Contents:

Concerning the termination of his agreement with RSJ, the desirability of appointing a qualified accountant and the need to introduce a full system of departmental cost accounting.

LETTER to J H W Pawlyn from J E Ransome **TR RAN/AD3/20** 1904(6 Jul)

Contents:

Confirming former's new agreement with company, for 6 years as "Chief Accountant". Yearly salary rates are given.

COPY LETTER to J E Ransome from J H W Pawlyn **TR RAN/AD3/21** 1904(6 Jul)

Contents:

Concerning the cost accounting system and the latter's new agreement with the company for 6 years.

BOOK of rules and accounts of the relief fund for the benefit of workmen employed in Ransome's foundry. **TR RAN/AD3/22** 1817-1836

Bound vol

Contents:

Contents:

- i. 1834. Members of the Fund. Includes note of weekly contribution and remarks.
- ii. 1817. Rules made at the establishment of the Fund with subsequent alterations.
- iii. 1817-1824 Accounts of weekly payments into the Fund per employee concerned, with general weekly totals.
- iv. 1817-1836 Yearly balance sheets for the Fund. Weekly income is balanced against payments made to workmen.
- v. 1817-1819 Annual reports for the Fund as at 31 Dec.

FILE of material concerning the above Fund. **TR RAN/AD3/22/1** 1817-1827

Contents:

Contents:

- i. 1819(11 Jul) Draft of reports as at 1817 and 1818(31 Dec)
- ii. 1819(13 Feb) Notes concerning sum allowed to Doctor's Bill for half subscribers and relieved members calling of the Fund.
- iii. [c1819] Resolutions adopted by the majority of the Foundry Workmen and submitted to the

Master.

iv. 1817-1826 Yearly figures of money in Fund.

v. 1827(Dec) Additional rules approved for the Fund

INVOICE to J B Harvey from the Workmen's Relief Society **TR RAN/AD3/22/2** 1837(23 Feb)

Contents:

For payment for printing of the Society's laws and membership forms.

DETAILS of the rate at which subscribers to the Fund of the Relief Society should be paid, including calculations. **TR RAN/AD3/22/3** 1842(31 Dec)

RULES of the Relief Society for the benefit of the workmen employed by JRAR. **TR RAN/AD3/23** 1839

Contents:

1839, revision of 1817 rules pp 8. [The Relief Society was formed in 1837(Mar) continuing the former Relief Fund].

RULES of the Friendly Society for affording relief during sickness for workmen employed by JRAR. **TR RAN/AD3/24** 1842(Apr)

Contents:

1842 revision of above rules. pp 7.

LIST OF INVALIDS ABSENT FROM WORK. **TR RAN/AD3/25** 1838-1849

Contents:

Arranged chronologically. For each invalid there are details of wages, name, employment, date of leaving work, ailment and medical attention, means of support, memoranda and observations and date returned to work. Entries are more detailed for 1838-1846.

STAFF PENSION REGULATIONS. **TR RAN/AD3/26** 1949(6 Dec)

Contents:

The Pension Fund commenced on 1949(31 Dec). pp 12.

BOOK of rules, regulations and forfeits to be observed by workmen in the Engine Room of the Orwell Works. **TR RAN/AD3/27** [c 1850's]

Contents:

A list of workmen is included with the dates of their birthdays. Attached are similar rules for workmen in the Smiths Shop, Foundry and the Upper Foundry (divided into Pattern Shop, Plough Shop, Trimming Shop and Plough Chamber).

MEMORANDUM from L W Bryant **TR RAN/AD3/28** 1959(38 May)

Contents:

Concerning special training of personnel, with comments on selection procedure. A blank staff training report is attached as an exemplar.

ALBUM OF MATERIAL relating to the formation of The Amalgamated Society of Engineers, Machinists, Millwrights, Smiths and Pattern-Makers **TR RAN/AD3/29** 1851(Dec)-1852

Contents:

And their concern over piece-work and overtime. The album contains:

- i. 1851(24 Dec) Circular letter to employers from members of Society. pp 1.
- ii. 1851(late Dec) Press Cuttings of articles and letters to the editor. Nearly all from "The Times".
- iii. 1851(31 Dec) and 1852(1 Jan). Two circular letters to the workmen in the employ of Ransomes and May. Each pp 3.

The remaining are loose related items in the same album.

LIST OF WORKMEN **TR RAN/AD3/29/1** 1852(Jan)

Contents:

In the employ of Ransomes and May and denoting whether members of the Society or not. Includes a general list and a list of Pattern Makers.

LIST OF WORKMEN **TR RAN/AD3/29/2** 1852(Jan)

Contents:

In the employ of Ransomes and May and denoting whether members of the Society or not. Fitters, Trimmers and Turners.

LETTER to members **TR RAN/AD3/29/3** 1852(6 Jan)

Contents:

Of above society in their employ from Ransomes and May

CIRCULAR LETTER to workmen late in their employ from Maudslay, Sons and Field, Lambeth. **TR RAN/AD3/29/4** 1852(28 Feb)

Contents:

Pp 2.

COPY LETTER to Ransomes and May from W Cotton of Leystone **TR RAN/AD3/29/5** 1852(24 Jan)

Contents:

Concerning their address to their workmen.

COPY LETTER to W Cotton from Robert Ransome **TR RAN/AD3/29/6** 1852(30 Jan)

Contents:

In reply to the above.

NOTES [Copy of Final Draft] by Mr Jefferies **TR RAN/AD3/30** 1915(13 Sep)

Contents:

Concerning the Workers Union application 1915(3 Jul) and that of the National Union of Gas Workers and General Labourers, 1915(26 Aug) to the Ipswich and District Engineering Employers' Association. Provides brief notes on Ipswich engineering firms, members of latter association and

comments on the availability and price of local labour. Firms are RSJ, Ransomes and Rapier Ltd, E R & F Turner Ltd, Ravell & Co Ltd, The Consolidated Diesel Engine Manufacturers Ltd, Vickers Ltd.

LETTER to the workmen in their employ from J R and A Ransome **TR RAN/AD3/31** 1840(31 Oct)

Contents:

Concerning the matter of bribery in the forthcoming Municipal Election at Ipswich.

LETTER to the clerks and workmen in the employ of J R & A Ransome from Charles May **TR RAN/AD3/32** 1845(18 Aug)

Contents:

Concerning his absence from the meeting of 18 Aug.

COPY LETTER to the workmen at the Upper Foundry from RM **TR RAN/AD3/33** 1848(5 May)

Contents:

Concerning amount of working hours.

NOTICE to the workmen at the Orwell Works **TR RAN/AD3/34** 1871(4 Nov)

Contents:

Concerning the reduction of weekly hours from 58½ to 54 hours, commencing 1872(1 Jan).
[Original and photocopy]

CIRCULAR LETTER to their employees from RSJ **TR RAN/AD3/35 X** 1921(7 Jan)

Contents:

Concerning the acute depression affecting the factory and the need to resort to "short time" labour. pp 4.

CIRCULAR LETTER to their employees from RSJ **TR RAN/AD3/36 X** 1921(5 Apr)

Contents:

Concerning the continuing depression and the need to close 3 of the principal departments of the Main Works.

NOTICE from the General Manager **TR RAN/AD3/37** 1927(18 Mar)

Contents:

Permitting elderly members to smoke during specified working hours as an experiment.

NOTICE to Drawing Office employees **TR RAN/AD3/38** 1927(20 Dec)

Contents:

Concerning the implementation of new means of overtime payment for draughtsmen and tracers as from 1928(1 Jan).

MEMORANDUM concerning staff changes **TR RAN/AD3/39** 1961(25 Sep)

Contents:

In Lawn Mower sales, general export correspondence, Lawn Mower Building Programme and foreign representation.

MEMORANDUM on staff changes **TR RAN/AD3/40** 1962(21 August)

Contents:

In the Lawn Mower Sales Department and the Industrial Sales Department.

MEMORANDUM concerning staff changes **TR RAN/AD3/41** 1963(1 Jan)

Contents:

In Lawn Mower Sales Department.

CIRCULAR LETTER to employees **TR RAN/AD3/42** 1964(16 Apr)

Contents:

Concerning special payments of £10 and £5 to celebrate 175th anniversary of RSJ.

MEMORANDUM concerning staff changes and altered responsibilities in Personnel Department. **TR RAN/AD3/43** 1965(1 Jul)

STANDING INSTRUCTIONS **TR RAN/AD3/44** 1969 (29 Aug)

Contents:

Concerning appointments of Production Engineer (Forge/Press) and Senior Work Study Engineer (Grass Machinery Works).

STANDING INSTRUCTIONS **TR RAN/AD3/45** 1969 (11 Sep)

Contents:

Concerning appointment of Engineer in Charge (Laboratory).

STANDING INSTRUCTIONS **TR RAN/AD3/46** 1969 (1 Oct)

Contents:

Concerning appointment of Sir Peter Greenwell as Chairman of RSJ in place of Geoffrey Pawlyn.

STANDING INSTRUCTIONS **TR RAN/AD3/47** 1969 (2 Oct)

Contents:

Concerning appointment of Assistant Chief Designer (Sugar Beet Machinery).

STANDING INSTRUCTIONS **TR RAN/AD3/48** 1969 (3 Oct)

Contents:

Concerning appointment of L W Bryant as Assistant Managing Director.

STANDING INSTRUCTIONS **TR RAN/AD3/49** 1969 (8 Oct)

Contents:

Concerning appointment of Secretarial Services Supervisor.

STANDING INSTRUCTIONS **TR RAN/AD3/50** 1969 (9 Oct)

Contents:

Concerning appointment of Commercial Assistant (Farm Machinery Division)

STANDING INSTRUCTIONS **TR RAN/AD3/51** 1969 (7 Nov)

Contents:

Concerning appointment of Design Engineer, Customer Liaison.

STANDING INSTRUCTIONS **TR RAN/AD3/52** 1969 (20 Nov)

Contents:

Concerning staff changes in Farm Machinery Works.

PETITION to RS from 6 master apprentices **TR RAN/AD3/53** [1857]

Contents:

Requesting that they be allowed to continue to enter by the gate on the quay. Granted by Robert Ransome.

Premises Records **TR RAN/AD4** [n.d.]

Arrangement: TR RAN/AD4/1 Maps and Plans

TR RAN/AD4/2-4 Details and Particulars

TR RAN/AD4/5-7 Other Records

Volume of Maps - "Stock Ledger No 8" **TR RAN/AD4/1** 1846-7

Contents:

Containing the following 6 maps of the Orwell works, i-vi, and of adjacent property, vii.

i. c1846 Ground Plan No 1 - Foundry Premises - 20 ft to 1 in. OD-C

ii. c1846 Upper Floor Plan No 1 - Vaults under Turnery - 20 ft to 1 in. OD-C

iii. c1846 Tower Warehouse Plan No 1 - 20 ft to 1 in. OD-C

iv. c1846 Ground Plan No 3 - Orwell Works - No scale OD-C

v. 1847 (Jan) Tower Warehouse Plan [No 2] - 20 ft to 1 in. OD-C

vi. 1847 (Jan) General Foundry Plan - 20 ft to 1 in. OD-C

vii. c1847 Plan of dwelling house, garden and land adjacent to premises of RM 20 ft to 1 in. OD-C

Maps i-iv are undated but are only slightly earlier, probably c 1846 [Bound vol] The volume also contains the following 2 loose maps, neither of which had been originally bound in:

MAP of the Orwell Works **TR RAN/AD4/1/1** 1850 (May)

Contents:

Plan of the premises of Ransomes and May. 20 ft to 1 in. TP-c. Referred to in Union Fire Policy No 347212]

MAP of the Orwell Works **TR RAN/AD4/1/2** 1860 (24 Apr)

Mounted

Contents:

Plan No 1 of the premises of Ransomes and Sims. 20 ft to 1 in. DN 9080f. TP-C

DETAILS OF WORKMEN'S HALL **TR RAN/AD4/2** 1847-1848

Contents:

Concerns its conception, history, mode of construction and relationship to a similar structure at Donside Factories. The capital was provided by the partners of RM, the construction details agreed upon by a joint committee of masters and departmental foremen, its principle purpose being the provision of food and drink.

PARTICULARS of the Orwell Works as drawn out by J A Ransome and G R. **TR RAN/AD4/3** 1852 (May)

Contents:

Includes data on freehold land, buildings and plant.

DETAILS AND PARTICULARS relating to the Aircraft Works at Orwell **TR RAN/AD4/4** 1916-1918

Contents:

Information compiled 1930(11 Nov). Includes some copy correspondence, details of the number of staff employed, a list of machinery in use and the size of various shops involved in aircraft production.

NOTEBOOK - H A Byng **TR RAN/AD4/5** 1870(Jan)-1891(Jul)

Bound vol

Contents:

In chronological order. Notes and memoranda relating to alterations improvements and repairs to Orwell Works Premises. Also other events involving Byng and some sketch drawings.

REPORT on the future of the Lawn Mower Works, by W S Murdoch to V W Bore **TR RAN/AD4/6** 1918(12 Apr)

Contents:

Concerns the need for structural reorganisation and expansion, together with the comments on the potentialities of producing a cheap lawn-mower range. [Original and a copy made at a much later date].

FAULT BOOK - PAX PA and Intercom **TR RAN/AD4/7** 1963(2 Jul-26 Sep)

Contents:

Contains copies of faults reports with information on customer, report number, by whom reported, date, time, nature of fault, by whom received, by whom attended and circuit number. Report numbers 8023-8281.

Materials Records **TR RAN/AD5** [n.d.]

Arrangement: TR RAN/AD5/1-3 Output Records
TR RAN/AD5/4 Stores Records
TR RAN/AD5/5 Oil Fuel Book - supplies and issues
TR RAN/AD5/6 Records of materials supplied on government contract
TR RAN/AD5/7-8 Records of termination of production

ANALYSIS BOOK of the number of goods dispatched from the Orwell Works **TR RAN/AD5/1** 1866-1876

Bound vol

Contents:

In chronological order, with figures per month and yearly totals for all product types and major components. A composite analysis of the yearly totals is at the end of the volume. The cover incorrectly gives the dates as 1866-1875.

ANALYSIS BOOK of the number of goods dispatched from the Orwell Works **TR RAN/AD5/2** 1876-1882

Bound vol

Contents:

Arranged as above. Although the volume is labelled as 1876-1885, the 1883-5 figures were never entered.

NOTEBOOK concerning goods dispatched from the Orwell Works **TR RAN/AD5/3** 1861-1891

Contents:

All figures are monthly with yearly totals. vi. is yearly only. Contents:

- i. 1874-1889 Weight of goods sent, home and export, by steam ship. 1874-78 is SS "Elder", 1879 is SS "Eider" and 'Ferrisfer", 1880 is SS "Eider" and Sedgemoor", 1881-1884 is SS "Sedgemoor", 1885-1889 is SS "Dartmoor" and "Sedgemoor".
- ii. 1873-1891 Weight of goods sent export.
- iii. 1875-1891 Weight of goods sent home.
- iv. 1874-1890 Numbers of goods trucks loaded at the Orwell Works
- v. 1874-1887 Numbers of trucks loaded at [Ipswich] Station with steam engines, and with thrashing machines and straw elevators.
- vi. 1861-1891 Number of letters received.

NOTEBOOK-Stores **TR RAN/AD5/4** 1867-1891

Bound vol

Contents:

The volume contains entries commencing from both ends. Contents:

Part 1 - Stores Staff Details

- i. 1873-1884 Notes of arrival and departure of staff

- ii. 1874-1890 Lists of staff in department at various dates
 - iii. 1874-1889 Notes on staff wages
 - iv. 1885 (1 Jan) List of piece work rates for quay porters.
- Part 2 - Details of Purchases and Dispatches
- i. 1870-1890 Yearly values of invoice purchases
 - ii. 1867-1890 Yearly numbers of invoices, divided into half yearly totals.
 - iii. 1867-1890 Yearly numbers of orders, divided into half yearly totals with export figures.
 - iv. 1870-1890 Yearly values of Great Eastern Railway account charges
 - v. 1872-1890 Yearly values of goods sent away for home and for export.
 - vi. 1873(Jan)-1891(May) Average price per month of warrants
 - vii. 1872-1885 Yearly amounts of timber orders, divided into types of wood.
 - viii. 1879-1883 Accounts for purchases of pitch pine, oak, ash, spruce, and wavy Dines

OIL FUEL BOOK - Supplies and issues **TR RAN/AD5/5** 1926 (17 Aug) - 1931 (29 Sep)

Bound vol

Contents:

In chronological order. Left hand pages contain details of supplies including tank number, supplier [British Petroleum Co throughout], date received, date released, weight and gallons. Right hand pages contain weekly issue details including date of week ending, stock in gallons, gallons used in week and analysis of use of oil. The oil was used for No 1 Foundry, Boiler Shop, Plough Works, Smiths' Shop and Engine Testing. The cover only states "Smiths' Shop Oil Fuel".

FILE of lists of materials supplied on government contracts during the Second World War **TR RAN/AD5/6** 1939-1943

Contents:

Divided into Admiralty, Ministry of Aircraft Production and Ministry of Supply. For each ministry there are 2 types of lists. The first is a chronological list compiled as contract details were received denoting quantity, item description, contract no and section no (for list 2). The other list is divided into production sections thus:

- i. Admiralty - mine sinkers, mine sweeping stores, mining stores, miscellaneous, belting machines, aerial torpedo stores.
- ii. Air Ministry - miscellaneous, Bessoneau hangars, tower ladders, collapsible wireless masts, windspeed indicators, LC 30 bomb parts.
- iii. Ministry of Supply - practising loading apparatus, tank gun mounting stores, flax deseeding machines, 3 inch mortar stores, 25 pounder gun conversion, submarine engine parts, Churchill and Matilda tank parts, low loading trailers, mortar ammunition stores, 25 pounder trailers, 3 inch chemical bomb parts, 3 inch 17 pounder AT carriages.

FILE OF MATERIAL concerning Ransome's termination of wooden thrashing machine production. **TR RAN/AD5/7** 1955

Memorandum **TR RAN/AD5/7/i** 10 Mar

Contents:

Subsequent to board meeting on 28 Jan, whereby existing orders will only be dealt with and the business then terminated.

Copy letter to Garvie and Sons of Aberdeen **TR RAN/AD5/7/ii** 4 Jul

Contents:

Assigning them manufacture of Dragon, Pigmy and 24" straw chopping thrashing machines and transferring related records to their catalogue - 4 Jul. Also associated memorandum - 16 Aug.

MEMORANDUM FROM H H DAWSON **TR RAN/AD5/8** 1955(21 Jun)

Contents:

That all steam engine patterns will become scrapped from 1956(1 Jan) [Patterns then housed in Waterworks Street].

CIRCULAR LETTER FROM RSJ **TR RAN/AD5/8/1** 1955(Jul)

Contents:

That after 1955(31 Dec) steam engine spare parts cannot be supplied. Parts for "SX" class Portable and Semi-Portable Steam Engines to be available from Robey and Co Ltd, Lincoln.

Branch Records **TR RAN/AD6** [n.d.]

Arrangement: TR RAN/AD6/1-4 Town Warehouse, Princes Street, Ipswich and Bury St Edmunds Branches

TR RAN/AD6/1 Regulations

TR RAN/AD6/2-3 Records of disposal of warehouse equipment

TR RAN/AD6/4 Records of disposal of Bury warehouse premises

BOOK OF REGULATIONS for Ipswich Town Warehouse, Princes Street **TR RAN/AD6/1** 1892(1 Apr)

Bound vol

Contents:

A branch business of RSJ conducted as a separate establishment from the Orwell Works, dealing with local trade in Suffolk both wholesale and retail. The warehouse at Bury St Edmunds was subsequently included in these regulations as a sub-department. The rules were for the Manager of the warehouse's private reference with a duplicate copy kept by the company secretary at the Orwell Works. The Regulations began in 1892 and the manager's copy contains additions up to 1899 (30 Regulations) and the secretary's up to 1943 (32 Regulations). The Regulations concern scope of business, manager, hours of business, markets attended, purchases, wholesale trade, invoicing and accounting to warehouse, bought goods, credit and interest, terms to retail customers, terms to wholesale customers, rendering accounts, retail accounts, special terms to buyers of steam engines and special machinery, repair charges, book keeping, (cash receipts and payments, trade expenses, carriage of goods), clerks and warehousemen, Bury warehouse - books, repair charges, tradesmen's accounts, weekly reports, general, plough share stock, Bury - repair accounts, credit accounts, management and supervision, interest. Also contains copy of PN 2621 H.

[2 copies - Manager's and Secretary's]

MEMORANDUM **TR RAN/AD6/1/1** 1930(10 Feb)

Contents:

Concerning future procedure over Lawn Mower demonstrations and transport work for Ipswich warehouse.

MEMORANDUM **TR RAN/AD6/1/2** 1932(22 Feb)

Contents:

Concerning Lawn Mower repairs for wholesale warehouse customers.

MEMORANDUM **TR RAN/AD6/1/3** 1935(26 Apr)

2 copies

Contents:

Concerning accounts for warehouse purchases from outside suppliers.

MEMORANDUM **TR RAN/AD6/1/4** 1936(10 Aug)

Contents:

Concerning alteration of closure of warehouse trading year to 30 Nov.

SALE CATALOGUE **TR RAN/AD6/2** 1957(25 Apr)

Contents:

Of 1250 lots of various farm and garden equipment to be sold on the closing of RSJ's retail business at Bury St Edmunds and Ipswich. The lot prices are included with a running total, amounting to £2977.12.6d.

BALANCE SHEET between RSJ and Spurlings and Hempson, Ipswich **TR RAN/AD6/3** 1957(25 Apr)

Contents:

Concerning the sale of equipment as above.

SALE CATALOGUE **TR RAN/AD6/4** 1957(14 May)

Contents:

For the auction of 2 lots of property at Bury St Edmunds, namely nos 5 and 6 Cornhill, and St Andrews Street, South Warehouse, for purchase from RSJ. Includes descriptions, photographs and plans. pp 14.

Commercial Records **TR RAN/AD7** [n.d.]

Arrangement: TR RAN/AD7/ 1-11 Records of the general commercial situation

TR RAN/AD7/12-16 Orders

TR RAN/AD7/12-14 Order Books

TR RAN/AD7/15-16 Analyses and Lists

TR RAN/AD7/17-30 Sales Analyses

TR RAN/AD7/17 Home and Export

TR RAN/AD7/18-27 Export

TR RAN/AD7/28-29 Lawn Mowers

TR RAN/AD7/30 Tractors and Implements

TR RAN/AD7/31-46 Prices
TR RAN/AD7/31-44 Reference Lists
TR RAN/AD7/31-34 General
TR RAN/AD7/35-40 Ploughs and Implements
TR RAN/AD7/41-42 Steam Engineering
TR RAN/AD7/43-44 Lawn Mowers
TR RAN/AD7/45-46 Rules and orders
TR RAN/AD7/47-49 Export Books
TR RAN/AD7/50-60 Lists of Agents
TR RAN/AD7/50-57 England and Wales
TR RAN/AD7/58-59 Scotland
TR RAN/AD7/60 Ireland
TR RAN/AD7/61-68 Travelling and Visits
TR RAN/AD7/69-90 Miscellaneous Commercial Records
TR RAN/AD7/69-80 Home Customers
TR RAN/AD7/81-90 Foreign Customers

REPORT on general overseas trading situation with special reference to RSJ's export position and its likely future. **TR RAN/AD7/1** 1942

2 copies

Contents:

There is special mention of the Argentine. The conclusions are generally pessimistic. Compiled by F E Waterman

REPORT on RSJ's prospects for post war trade in agricultural machinery. **TR RAN/AD7/2** 1944

Contents:

Includes an assessment of the likely economic situation, a comparison with post war trade in 1918-1920 and considers the position of RSJ to meet potential demand. Compiled by F E Waterman.

REPORT of export trade for 1945(Jan) **TR RAN/AD7/3** 1945(19 Feb)

Contents:

Contains notes on orders received for different machinery types with general figures for dispatches and orders in hand. Compiled by F E Waterman.

REPORT of export trade for 1945(Feb) **TR RAN/AD7/4** 1945(19 Mar)

Contents:

Type of contents as above. Compiled by F E Waterman.

REPORT on prospects for RSJ's a post war trade and their ability to meet the situation **TR RAN/AD7/5** 1945(19 Mar)

Contents:

Mainly concerned with agricultural machinery, but some information on electrical machinery and lawn mowers. Includes comments on general economic situation in agriculture. Compiled by F E Waterman.

COPY LETTER to J R Sutherland-Harris, Ministry of Agriculture, and Fisheries, from F E Waterman, RSJ **TR RAN/AD7/6** 1946(4 Dec)

Contents:

Concerning problems in RSJ's post war export trade, and production. Contains comments on the relationship of RSJ's customers' demands to the dearth of raw material required to complete orders. The letter was written to influence the provision of a suitable export allocation.

SYNOPSIS of an address given by F E Waterman entitled "Side Lights on the Export Trade" concerned with Ransomes' trade past and present **TR RAN/AD7/7** [c1946]

2 copies

Contents:

There is no indication to whom the address was given.

REPORT concerning European Relief Programme and part that could be played by RSJ ploughs and implements. **TR RAN/AD7/8** [c 1946]

Contents:

For each country there is a list of suitable ploughs and implements for the local terrain. Appended is a list of RSJ's agricultural products with crosses designating suitable countries for their use, and a list of explanatory notes on certain types mentioned in the above. list. Compiled by F E Waterman.

NOTES ON STATEMENT concerning export ploughs and implements. **TR RAN/AD7/9** 1946(19 Jul)

Contents:

There are several points on the export position and the changing nature of RSJ's position abroad. The actual accompanying statement is now lost. Compiled by W F C.

REPORT concerning export ploughs and implements and problems caused by deficit between Plough shop production and orders outstanding. **TR RAN/AD7/10** 1948(19 Jan)

Contents:

Compiled by W F C.

REPORT on goods for export, remaining on order at 1946 1 Jul. **TR RAN/AD7/11** 1946 (17 Jul)

Contents:

For the Thrashing Machinery Department and the Lawn Mower Department. Contains general comments on RSJ's export difficulties in post war years. Compiled by A H L.

ORDER BOOK - Machinery, Components and Parts. No 3. **TR RAN/AD7/12** 1938 (Jul)-1940 (Aug)

Bound vol

Contents:

Related to wartime production and government contracts. Each order is separate. The volume is chronologically compiled. Details per order include - name, address, order number, date, items required, delivery note and cost.

Index of customers pp 180 ff. Admiralty, Air Ministry, Ministry of Supply and War Office, Millars Machinery Co Ltd., Visco Engineering Co Ltd and B Elliott & Co Ltd have separate sections each. Remaining customers are arranged A-Z under the heading "General". Format is: order number, date, description, shop order number, page, sheet number.

FILE of lists of government orders in hand. **TR RAN/AD7/12/1** 1938 (Oct)

Contents:

All give quantity, description and approximate value.

- i. 28 Oct - for War Office, Air Ministry, Admiralty, Ruston & Hornsby Ltd and R Garrett Engineering Works.
- ii. 8 Oct [30 Sep cancelled] Draft of i
- iii. 6 Oct for War Office, Air Ministry and Admiralty

FILE of lists of government order in hand. **TR RAN/AD7/12/2** 1939 (Feb-Jul)

Contents:

Engineering Department and Thrashing Machinery Department. Format as above.

- i. 27 Feb - War Office, Admiralty, Air Ministry, Ruston & Hornsby Ltd, R D Garrett.
- ii. 10 Mar - as i.
- iii. 1 May - as i and Aveling Barford Ltd

LIST of contracts with Admiralty in hand. **TR RAN/AD7/12/3** 1940(1 May)

Contents:

Gives contract number, date and description.

LIST of contracts with Admiralty, War Office, Fisher & Ludlow, Stothert & Pitt and Ruston and Hornsby Ltd. **TR RAN/AD7/12/4** 1940(13 Sep)

Contents:

Gives contract numbers, date, description and priority.

LIST of government contracts outstanding. **TR RAN/AD7/12/5** late 1940

Contents:

Engineering Department for Admiralty and Ministry of Supply.

Gives contract number, date, shop order number, description and symbol.

LIST of component types - supplied to Millars Machinery Co Ltd. **TR RAN/AD7/12/6** c1940

Contents:

Gives description, pattern and price (castings only and machined complete).

ORDER BOOK - Machinery Components and Parts. No 4. **TR RAN/AD7/13** 1940(Aug)-1941(Sep)

Bound vol

Contents:

Type of Content and format as No 3.

Index of Customers pp 172 ff. Admiralty, War Office, Air Ministry, Ruston & Hornsby, Millars Machinery Co Ltd, Visco Engineering Co Ltd and Flax Deseeders have separate section.

Remainder are arranged alphabetically.

Book also includes:

i. [c1940] Notes on Admiralty orders - p 3.

ii. 1940(29 May) Letter to RSJ from Air Ministry concerning additional clause in contract in Air Ministry index.

ORDER BOOK - Machinery, Components and Parts **TR RAN/AD7/14** 1942(Jul)-1943(Jul)

Bound vol

Contents:

No number [presumably No 6]. Type of contents and format as no 3.

Index of Customers pp 153 ff. Admiralty, Ministry of Supply, Air Ministry, Ruston & Hornsby, Millars Machinery Co Ltd, Visco Machinery Co Ltd, Rolls Royce Ltd and Davey Paxman & Co Ltd have separate sections. Remainder are arranged alphabetically.

ANALYSIS OF EXPORT ORDERS - Portable Steam Engines and Traction Engines. **TR RAN/AD7/15** 1934-1943

Contents:

Figures are numbers of machines ordered per year, divided into countries. A note is attached estimating post war demand.

LIST OF ORDERS - Lawn Mowers. **TR RAN/AD7/16** 1933-1939

Contents:

Numbers ordered per year, divided into machinery types and subdivided into different sizes per type. In alphabetical order of types.

FOLDER OF SALES ANALYSIS SHEETS. **TR RAN/AD7/17** 1871-1939

Contents:

One sheet per year. The year ran Jan-Dec except for 1920(Apr)-1937(Mar) which ran Apr-Mar. The format is monthly returns, subdivided into home and export for the different classes of product manufactured and sold, together with customers goods and bought goods. There are monthly and yearly totals for general sales but no yearly totals for the different product classes. After 1920 there are additional columns for entries such as old plough metal and carriage. The classes of product include - Ploughs and Fittings, Implements, Thrashing Machinery, Barn Machinery, Lawn Mowers, Steam Engines, Corn Mills, Feeding Troughs and Electric Vehicles and Grantham products. The actual figures are gross for 1871-1884. Then for 1885-1892 there are separate analysis sheets for gross and net figures. From 1893 onwards the figures are net only.

FILE OF EXPORT SALES ANALYSES **TR RAN/AD7/18** 1913 and 1923(Apr)-1930(Mar)

Contents:

For 1913 (Jan-Dec), 1923(Apr)-1924(Mar), 1924(Apr)-1925(Mar), 1925(Apr)-1926(Mar), 1925(Apr)-1927(Mar), 1927(Apr)-1928(Mar), 1928(Apr)-1929(Mar), 1929(Apr)-1930(Mar). For each financial year there are sales figures per country in £ (arranged by continent) with a breakdown into product types. In 1913 they were field implements, agricultural machinery, industrial machinery and horticultural machinery.

For the other years they were Ploughs and Implements, Ploughs and Implement Parts, Machinery, Machinery Parts, Lawn Mowers and Parts, Electric Vehicles and Parts. There are yearly totals per product type section. Figures include goods sent on consignment, denoted by C in 1913 and in red type for other years.

FILE OF EXPORT SALES ANALYSES. **TR RAN/AD7/19** 1930(Apr)-1931(Mar)

Contents:

For 1913 (Jan-Dec), 1923(Apr)-1924(Mar), 1924(Apr)-1925(Mar), 1925(Apr)-1926(Mar), 1925(Apr)-1927(Mar), 1927(Apr)-1928(Mar), 1928(Apr)-1929(Mar), 1929(Apr)-1930(Mar). Product types are field implements, agricultural machinery, industrial and electrical machinery, horticultural machinery. Goods sent on consignment are denoted by "C". There is a separate analysis, with totals, for goods invoiced to Ruston and Hornsby Ltd.

EXPORT SALES ANALYSIS. **TR RAN/AD7/20** 1933(Apr)-1934(Mar)

Contents:

For 1913 (Jan-Dec), 1923(Apr)-1924(Mar), 1924(Apr)-1925(Mar), 1925(Apr)-1926(Mar), 1925(Apr)-1927(Mar), 1927(Apr)-1928(Mar), 1928(Apr)-1929(Mar), 1929(Apr)-1930(Mar). Product types are Ploughs and Implements, Plough and Implement Parts, Machinery and Machinery Parts, Lawn Mowers and Parts, Electrical Vehicles and Parts. Goods sent on consignment are in red type.

EXPORT SALES ANALYSIS. **TR RAN/AD7/21** 1938

Contents:

As 1933-4. Also includes composite country and product totals at the end.

EXPORT SALES ANALYSIS. **TR RAN/AD7/22** 1939

Contents:

As 1938.

EXPORT SALES ANALYSIS. **TR RAN/AD7/23** 1940

1 copies

Contents:

As 1938.

EXPORT SALES ANALYSIS. **TR RAN/AD7/24** 1941

Contents:

As 1938.

EXPORT SALES ANALYSIS. **TR RAN/AD7/25** 1942

Contents:

As 1938.

EXPORT SALES ANALYSIS. **TR RAN/AD7/26** 1943

Contents:

As 1938.

EXPORT SALES ANALYSIS. **TR RAN/AD7/27** 1944

Contents:

As 1938.

EXPORT SALES ANALYSIS - Lawn Mowers. **TR RAN/AD7/28** 1923(Apr) - 1934(Mar)

Contents:

There are figures per financial year Apr-Mar subdivided into monthly returns.

EXPORT SALES ANALYSIS - Lawn Mowers and Parts. **TR RAN/AD7/29** 1937-1941

Contents:

There are yearly figures subdivided into countries.

SALES ANALYSIS - Tractors and Implements. **TR RAN/AD7/30** 1953-1956

Contents:

Divided thus:

- i. 1954(Apr)-1956(Jun) Monthly returns for home sales and export sales with home and export totals for the period.
- ii. 1954(Apr)-1956(Jun) Home and export sales totals for 1954(Apr-Dec), 1955 (Jan-Dec) and 1956(Jan-Jun)
- iii. 1953-1956 Value of orders received, dispatches and unexecuted orders for 1953, 1954, 1955 and 1956.

VOLUME OF HOME IMPLEMENT AND MACHINERY PRICES **TR RAN/AD7/31** 1862-1882

Bound vol

Contents:

A Sales Department compilation of detailed price lists of products and parts, given at various dates. Publications are included as well as MSS lists to provide complementary sources for comprehensive information.

The information also includes some particulars.

The publications are:

PN 500 [pp 16 ff only] and 498 - RSH

1862(1 May) PARTS PRICE LIST printed for internal office use.

Section 1 - Iron and Wood Ploughs

Section 2 - Steam Thrashing Machinery

Section 3 - Chaff Cutters and Root Cutters

Pp 424 - RS

In the back end paper is:

1876(1 Sep) PRICE LIST of wire ropes R S Newall & Co: pp 4 [with MSS price list of ropes as supplied to RSH]

VOLUME OF HOME IMPLEMENT AND MACHINERY PRICES **TR RAN/AD7/32** 1896-1902

Bound vol

Contents:

A Sales Department compilation of detailed MSS lists of prices, for all kinds of machinery types, given at successive dates.

Publications are included as secondary illustrative matter.

The price lists are in the following sequence of items manufactured.

Portable, Semi-Portable and Vertical Steam Engines; Traction Engines; Road Locomotives; Road Rollers; Traction Wagons, Stationary Steam Engines; Boilers; Steam Thrashing Machinery and Accessories; Straw Elevators; Chaff Engines; Straw Trussers; Corn Mills; Ploughs and Accessories; Cultivators; Combined Cultivators, Ridgers and Horse Hoes; Potato Digger; Potato Dibbler; Potato Planter; Harrow; Horse Rakes; Haymakers; Hay Tedders; Lawn Mowers; Edge Cutters and Trimmers; Lawn Mower Cylinder Grinder; Garden Rolls; Lawn Sweepers; Feeding Troughs:

The following publications are included either complete or as extracts:

PN 2660H, 2654H, 3861H, 3796H, 3454H, 3843H, 2376H, 2793H, 3794H, 3378H, 3696H, 2377H, 2805H, 2585H, 2714H, 2670H, 2772E, 2647H, 2578H, 3873H, 3845H, 3699H, 3828H, 2911H, 3056H, 2631H, 3584H, 2631H, 2771E, 3281H, 3758H, 3688H, 2589H, 2328H, 814, 3079H, 3709H, 2502H, 3849H, 3743H, 3795H, 3276H, 3976H, 3937H, 3771H, 2759H, 2758H, 2599H, 3888H, 3085H, 4278H, 3892H, 2598H, 2625H, 3694H, 2407H, 3416H, 3420H, 2048H.

The volume ends with a list of customers, allowed special prices and discounts for ploughs.

The dates for the volume relate to the price lists, not the publications.

INDEX of implements and machinery for the above. **TR RAN/AD7/32/1** [n.d.]

2 copies

FOLDER OF DATA ON PRICE FLUCTUATIONS. **TR RAN/AD7/33** 1866-1927

Contents:

Figures mostly compiled by C J Palmer

List of Price Fluctuations for 8 hp Portable Steam Engine and A 54 "22" Thrashing Machine, with attendant notes. **TR RAN/AD7/33/i** 1866-1927

Duplicate memorandum on the revision of Steam Engine and Thrashing Machine prices. **TR RAN/AD7/33/ii** 1922(13 Jun)

List of Price Fluctuations for Export Ploughs - EC dshw with coulter, ECD Sterling and 3 furrow "Key Conqueror". **TR RAN/AD7/33/iii** 1914-1924

VOLUME OF PUBLICITY AND NOTES. **TR RAN/AD7/34** 1869

Bound vol

Contents:

The volume is interleaved for annotations and additions. The publications are both RSH: PN 720 and 690 [The remainder of the volume after p 46 of PN 690 is now lost]. The notes are MSS parts price lists for the following products (made at various subsequent dates):

"Reversible" Lawn Mower; Grass Mower (1879 model); "Universal", "Forward Action" and "Star" Haymakers; Horse Rakes; Portable Steam Engine tubes; Saw Bench; Straw Elevators; Corn Screens; RN and RL Plough ranges; Whippletrees, Harrows; Rollers; Reapers; Semi-Portable Steam Engines, Steam Thrashing Machines.

REGISTER OF PLOUGH PRICES. **TR RAN/AD7/35** 1848-1857

Bound vol

Contents:

In alphabetical order of plough mark. The entries consist of drawings or engravings from RM and RS publications with the occasional photograph, for the specific Plough together with either MSS or cutting details of the prices. It is possible that some of the drawings have been removed from the early drawings album - 1625. There is an alphabetical index of plough marks at the front. The register is appended by a cutting price list of wearing parts. The front end paper contains a random selection of plough drawings.

PLOUGH PARTS PRICE LIST. **TR RAN/AD7/36** 1878

Bound vol

Contents:

PN 1315. J J Rogers. Interleaved copy including various annotations and additions, with a copy of PN 1357. Volume assembled 1878(24 Jul).

VOLUME OF PRICE LISTS OF PLOUGH PARTS **TR RAN/AD7/37** 1883; 1891 and 1898

Bound vol

Contents:

PN 1680 is RHJ, the other 2 items are RSJ. PN 1680 [Printed for office used as ff not pp], 2586H, 3274H.

PARTS PRICE LIST - Office Edition. **TR RAN/AD7/38** 1862(1 May)

Bound vol

Contents:

J E Ransome. This is a price list as printed for office use at the Orwell Works and interleaved for notes and annotations, though none were made in this instance. Products include:

Section 1: Iron and Wood Ploughs

Section 2: Steam Thrashing Machinery

Section 3: Chaff Cutters and Root Cutters

RS pp 424

[2 copies, the other is not interleaved]

VOLUME OF PUBLICATIONS. **TR RAN/AD7/39** *1858 and 1862*

Bound vol

Contents:

H A Byng. The items are RS:

PN 100 [including MSS notes on particulars and prices of stationary Steam Engines Centrifugal Pumps and prices of Bidell & Balk's Boilers], 30. 1862(1 May) PARTS PRICE LIST - Office Edition, printed for internal use at Orwell Works.

Section 1: Iron and Wood Ploughs

Section 2: Steam Thrashing Machinery

Section 3: Chaff Cutters and Root Cutters. pp 424.

[2 copies - one is as above, exclusive of MSS notes and PN 30]

VOLUME OF PUBLICATIONS - Office Compilation. **TR RAN/AD7/40** *1862 and 1866-7*

Bound vol

Contents:

The items are interleaved for notes and annotations, though few were actually made. The items are all RS and are in the following sequence:

PN 480, 500, 539, 532, 534.

1867 LEAFLET for "L'Exctincteur" fire extinguisher, pp 2

1867 LEAFLET for Ploughshares for story and hard land. pp 2.

PN 498

1862(1 May) PARTS PRICE LIST - Office Edition, printed for internal use at Orwell Works.

Section 1: Iron and Wood Ploughs

Section 2: Steam Thrashing Machinery

Section 3: Chaff Cutters and Root Cutters. pp 424

PN 498

VOLUME OF PORTABLE STEAM ENGINE PARTS PRICE LISTS. **TR RAN/AD7/41** *1882*

Bound vol

Contents:

Both lists are printed as ff, not pp, for office use at the Orwell Works.

PN 1640 (Old Series), PN 1630 (1880 Series). RHJ

The remainder of the volume contains notepaper for annotations and additions, but only the following was made:

i. 1882(22 Nov) Particulars of Portable Steam Engines and Traction Engine brasses (1880 Series).

PRICE LIST AND PARTICULARS **TR RAN/AD7/42** *1884(Dec)*

Bound vol

Contents:

Of Portable Semi-Portable, Vertical and Stationary Steam Engines, Pumping Machinery, Electric Lighting Machinery, Traction Engines, Boilers and Winding Machinery, including parts. RSJ. pp 38. PN 1825E. The copy is interleaved for annotations and additions; those made concern:

- i. Particulars of Portable Steam Engines - New Design.
- ii. Rates of straw and coal consumption for Portable Steam Engines.
- iii. Prices of Steam Thrashing Machinery - AL Series.

VOLUME OF LAWN MOWER PARTS PRICE LISTS. **TR RAN/AD7/43** *early 1920's*

Bound vol

Contents:

The volume comprises 7 sections, 1 per Lawn Mower type and each consisting of publicity parts lists extracts. Compiled for office reference.

Sections 1. New Horse Power Lawn Mower

2. "New Automaton" Pony Lawn Mower

3. Patent "Horse" Lawn Mower

4. Patent "Pony" Lawn Mower

5. "Ideal" Lawn Mower

6. "1913 Horse" Lawn Mower

7. "Triple" Lawn Mower (1921 Model)

VOLUME OF LAWN MOWER PARTS PRICE LIST. **TR RAN/AD7/44** *early 1920's*

Bound vol

Contents:

The volume comprises in 8 sections.

Sections 1. "New Paris" Lawn Mower and "World" Lawn Mower

2. "Anglo-Paris" Lawn Mower

3. "Anglo-Paris No 2" Lawn Mower

4. "Lion" Lawn Mower

5. Blank

6. "New Empire" Lawn Mower

7. "Star" Lawn Mower

8. Bent Cutter No 1.

GENERAL RULES [COPY] **TR RAN/AD7/45** *1921(May)*

2 copies

Contents:

For guidance in fixing prices for extras and wearing parts of

i. 19 May - Steam Engines, Corn Mills, Electric Vehicles and Trucks.

ii. 20 May - Thrashing Machines, Ploughs, Implements and Lawn Mowers.

In each case the maximum basis of price was to be given

MEMORANDUM **TR RAN/AD7/46** *1931(20 Apr)*

Contents:

Concerning prices of parts for export ploughs and implements. States profits on cost to be made per type of part.

EXPORT BOOK **TR RAN/AD7/47** 1875-1884[1889]

Bound vol

Contents:

Peru and United States of Colombia. A compilation of various information mainly in copy form. Compiled 1884(Mar). RSJ had no agency in either of these two countries and their business was mainly transacted through various importing houses. Contents:

i. Peru. Yearly value of sales returns, direct and indirect. 1875-1889. [Originally 1875-1883. The 1884-1889 figures are later additions]; list of importing houses; totals of goods sent for 1875-1883, divided into product types; details of orders including shipping marks, 1875-1883, arranged by importer.

ii. Colombia. Yearly value of sales returns, direct and indirect, 1875-1883; details of shipping arrangements; list of London importing houses not on RSJ's books, who dealt with Colombia; total of goods sent for 1875-1883, divided into product types; details of orders, including shipping marks, 1875-1883, arranged by importer.

There is copy correspondence over the Peruvian trade at the rear of the volume. There is an alphabetical subject index at the front of the volume.

The following subsequent material was inserted loose in the volume

COPY CORRESPONDENCE **TR RAN/AD7/47/1** 1890(Feb)

Contents:

3 letters of recommendation concerning the appointment of Richard Bartlett as representative for RSJ in Peru.

- i. 20 Feb - From Charles Cannell & Co Ltd, Sheffield
- ii. 20 Feb - From John Fowler & Co Ltd, Leeds
- iii. 19 Feb - From Merryweather & Sons, London

COPY CORRESPONDENCE **TR RAN/AD7/47/2** 1907(20, 24 Jul)

Contents:

3 letters between RSJ and Grace Brothers and Co Ltd, London concerning an agency in Peru for RSJ

LIST of RSJ Steam Engines and Thrashing Machines sent to Colombia **TR RAN/AD7/47/3** 1897-1921

Contents:

In chronological order of consignment. Includes dates, importing houses, machinery types and shipping marks. Compiled 1921(13 Dec)

EXPORT BOOK - Roumania. **TR RAN/AD7/48** 1866-1885

Bound vol

Contents:

A compilation of various information, mainly in copy form. Made in 1885. There is no information subsequent to 1885(30 May). Arranged by agencies. Contents:

- i. Bucharest. Historical Notes, including previous agreements; terms in 1885; note on statement of account, including amounts outstanding from customers, 1883-4; copy correspondence; yearly value of sales returns, 1867-1885.
- ii. Galatz. Historical notes, including details of 1874 agreement; details of special allowance on MCW, MDW and MEDW ploughs; yearly value of sales returns, 1866-1885; terms in 1885, including prices, discount, delivery, payments and credit.
- iii. Jassy. Historical notes.; terms in 1885, including discount payment and special Plough prices; yearly value of sales returns, 1870-1885.

EXPORT BOOK - Russia TR RAN/AD7/49 1861-1885

Bound vol

Contents:

A compilation of various information mainly in copy form, made in 1885. There is no information subsequent to 1885(30 May). Arranged by agencies. Contents:

- i. Charkow - South Russia. Historical Notes. Terms in 1885, including discount, method of payment, special plough prices, copy correspondence; yearly value of sales returns, 1861-1885; balance sheet of value of goods sent to cash received, 1878(Nov)-1880(Mar); yearly balances ditto, 1877-1884; analysis of number of goods sent per year; divided into main product types and parts, 1875-1883.
- ii. Beltz - South Russia. Historical notes; yearly value of sales returns, 1882-4; Terms in 1885, including orders, prices, payment and mass discount.
- iii. Tanganrog - South Russia. Historical notes; including details of 1880 and 1881 agreements for terms of business; yearly value of sales returns, 1880-1883.
- iv. Samara - Central Russia. Historical notes, including details of agreements 1881-1885; copy of 1885 agreements - English translations, copy correspondence; yearly value of sales returns, 1881-1885; terms in 1885, including discounts and payments.
- v. Saratov - Central Russia. Historical notes; yearly value of sales returns, 1883-1885; terms in 1885; for Ploughs Steam Engines, Steam Thrashing Machinery and a note of bills running. Copy of draft agreement, 1884.
- vi. St Petersburg - North Russia. Historical notes, with details of 1880 agreement; yearly value of sales returns; 1870-1885; copy correspondence; terms in 1885.
- vii. Riga - North Russia. Historical notes, including information on Rostoff.

IMPLEMENT AGENCIES BOOK - North. TR RAN/AD7/50 1916-1930

Bound vol

Contents:

Arranged in alphabetical order of agency location, with agent's name and remarks. Alterations, annotations and additions made at various dates.

Counties covered: Northumberland, Cumberland, Lancs, Yorks, Westmorland, Durham, Cheshire, Nottinghamshire, Derby, Lincolnshire, Also Isle of Man.

There are a few entries for Norfolk and Suffolk, but the majority of retail business here was transacted via the branch warehouses at Ipswich, Bury St Edmunds and Norwich.

IMPLEMENT AGENCIES BOOK - South and East. TR RAN/AD7/51 1915-1931

Bound vol

Contents:

Arranged in alphabetical order of agency location, with agent's name and remarks. Alterations, annotations and additions made at various dates.

Counties covered: Dorset, Hants, Wilts, Gloucester, Oxford, Berks, Surrey, Sussex, Kent, Essex, Middlesex, Bedford, Bucks, Herts, Hunts, Cambridge, Northants, Rutland, part of Leicester.

IMPLEMENT AGENCIES BOOK - Wales, West Midlands and South West. **TR RAN/AD7/52** 1914-1931

Bound vol

The front cover is missing together with all entries under "A" and all entries under "B" prior to Bristol

Contents:

Arranged in alphabetical order of agency location, with agent's name and remarks. Alterations, annotations and additions made at various dates.

Counties covered: All Wales (including Monmouth), Hereford, Worcester, Warwick, Salop, Stafford, Cornwall, Devon, Somerset.

IMPLEMENT AGENCIES BOOK - North. **TR RAN/AD7/53** 1929-1947

Bound vol

Contents:

Arranged in alphabetical order of agency location, with agent's name and remarks. Alterations, annotations and additions made at various dates.

Counties covered as "North 1916-1930" plus Leicestershire, Rutland. Lincolnshire omitted. No references to Norfolk or Suffolk.

IMPLEMENT AGENCIES BOOK - South. **TR RAN/AD7/54** 1931-1950

Bound vol

Contents:

Arranged in alphabetical order of agency location, with agent's name and remarks. Alterations, annotations and additions made at various dates.

Counties covered: Kent, Sussex, Surrey, Berks (part), Oxford (part), Hants, most of Wilts, Dorset.

IMPLEMENT AGENCIES BOOK - East. **TR RAN/AD7/55** 1931-1947

Bound vol

Contents:

Arranged in alphabetical order of agency location, with agent's name and remarks. Alterations, annotations and additions made at various dates.

Counties covered: Norfolk, Suffolk, Essex, Lincs, Hunts, Cambridge, Bucks (part), Beds, Herts, Middlesex, Northants.

IMPLEMENT AGENCIES BOOK - South West. **TR RAN/AD7/56** 1931-1949

Bound vol

Contents:

Arranged in alphabetical order of agency location, with agent's name and remarks. Alterations, annotations and additions made at various dates.

Counties covered: Cornwall, Devon, Somerset, Gloucester, Wilts (part), Oxford (part), Bucks (part).

IMPLEMENT AGENCIES BOOK - Wales and West Midlands. **TR RAN/AD7/57** 1930-1949

Bound vol

Contents:

Arranged in alphabetical order of agency location, with agent's name and remarks. Alterations, annotations and additions made at various dates.

Counties covered: All Wales (including Monmouth), Hereford, Worcester, Warwick, Salop, Stafford, (plus a few for Leicestershire).

Volume is erroneously labelled "North West".

IMPLEMENT AGENCIES BOOK - Scotland. **TR RAN/AD7/58** 1917-1931

Bound vol

Contents:

Arranged in alphabetical order of agency location, with agent's name and remarks. Alterations, annotations and additions made at various dates.

IMPLEMENT AGENCIES BOOK - Scotland. **TR RAN/AD7/59** 1931-1946

Bound vol

Contents:

Arranged in alphabetical order of agency location, with agent's name and remarks. Alterations, annotations and additions made at various dates.

The folder in front endpaper contains these 2 items

COPY CORRESPONDENCE FILE **TR RAN/AD7/59/1** 1934(Apr)

Contents:

- i. 21 Apr - W D Akester to RSJ over agency matters
- ii. 16 Apr - RSJ to W D Akester over Moray Agricultural Society Ltd (Elgin)
- iii. [Apr] - Moray Agricultural Society Ltd to RSJ
- iv. 16 Apr - RSJ to Moray Agricultural Society Ltd

LIST of Fordson tractor agents. **TR RAN/AD7/59/2** Late 1930's

Contents:

Mr W D Akester's District.

IMPLEMENT AGENCIES BOOK - Ireland (Ulster and Eire). **TR RAN/AD7/60** 1930-1948

Bound vol

Contents:

Arranged in alphabetical order of agency location, with agent's name and remarks. Alterations, annotations and additions made at various dates.

NOTEBOOK of James Ransome. **TR RAN/AD7/61** 1804

Contents:

Contents:

- i. 1804(27 Nov) Copy of letter to Madely Wood Co requesting pig iron.
- ii. 1804(13 Sep-13 Oct) Account of money spent by James Ransome on travelling by coach including mileages. The area covered was Northern England and the West Midlands.
- iii. 1804(28 Nov) Copy of letter to J Hisgele, Sheffield, concerning orders.

LETTER to James Allen Ransome from Robert Ransome **TR RAN/AD7/62** 1839(11 May)

Contents:

Concerning the former's recent travels. It appears to have been a general business journey concerned with orders and sales via agents for ploughs in England. There are also personal comments.

VOLUME OF COPY CORRESPONDENCE to R C Ransome from James Drey Gay. **TR RAN/AD7/63** 1875(6 Nov)-1876(12 Mar)

Bound vol

Contents:

The letters were written whilst Gay was on tour in India and Ceylon and concern the sale potentialities, projected agencies and export market for RSH goods in India. Gay also refers to RSH competitors, especially Clayton and Shuttleworth.

NOTES on travelling, made by James Edward Ransome for E C Ransome **TR RAN/AD7/64** 1897 (Apr)

Contents:

Contains 14 points, incorporating both general and specific advice over the personal promotion of RSJ's business and esteem, and the kind of personal qualities required. Includes remarks such as "human nature and sympathy enter more largely with business than some think" or "whiskies and sodas cannot be indulged in with impunity". [Xerox of original pencil MSS and typescript copy made 1950(8 Nov)]

FILE of correspondence and reports relating to the business of F Walker an RSJ representative in Southern England. **TR RAN/AD7/65** 1928(Oct)-1929(Mar)

Correspondence with Aubrey Rees & Sons, Cirencester **TR RAN/AD7/65/i** 1928(1 Oct-2 Nov)

Contents:

Concerning their order for RSJ 54 inch Tractor Thrashing Machine with K J Tremaine, Barton Farm, Cheltenham, concerning his purchase of such a Thrashing Machine.

Memorandum from F Walker **TR RAN/AD7/65/ii** 1929(14 Feb)

Contents:

Concerning supply of Boiler to C Buswell and Sons Ltd, Torquay

Report of F Walker for week ending 16 Feb **TR RAN/AD7/65/iii** 1929(17 Feb)

Contents:

With memorandum concerning business.

Memorandum from F Walker and letter from Drake and Fletcher Ltd **TR RAN/AD7/65/iv** 1929(22 Feb)

Contents:

Concerning supply of RSJ cross tube boiler.

Report of F Walker for week ending 2 Mar **TR RAN/AD7/65/v** 1929(4 Mar)

Contents:

With a memorandum concerning business.

REPORT of visit by A Rackham to 21 firms in the USA (21 Jan-15 Feb). **TR RAN/AD7/66** 1929(28 Feb)

Contents:

The report is mainly summary comparisons divided into method of entry and reception, power farming, Deere and IHC daily tractor output, organisation and efficiency, design and experimental section, works inspection, warehouse, packing, sample room, plant and equipment, smithy section, foundry, assembly shops for Ploughs and Implements, painting, heat treatment of tractor plough beams and axles, oil furnaces, grinding and polishing, Oliver cast chilled share and breast, hardening steel breasts and shares, forging steel shares, multi-drills and large multi-punches, steel wheels, workshops and buildings, factory artificial lighting, internal works transport, swing doors, shop heating systems, work hours, overtime and mess rooms, accidents, specialised machine tool makers, posters in works, payment, cost and wages systems, suggestion box, progressive employees, Deere expenditure on new equipment, workers stock ownership, insurance, sickness, accidents and pensions, vacation plans, IHC Industrial Works Council, new start men, visitors registration cards, general impressions. Firms visited: Empire Plow Co., Cleveland, Ohio; Ideal Power Lawn Mower Co., Cleveland, Ohio; The Safety Grinding Wheel and Machine Co., Springfield, Ohio; Mitchell Engineering Co., Springfield, Ohio; Mast Foss Co., ditto; French and Hecht, ditto; Barker Bros Inc., Toledo, Ohio; Marshall and Huxhart Machine Tool Co., Chicago; Whitaker Manufacturing Co., Chicago; Oliver Chilled Plow Works, South Bend, Indiana; International Harvester Co., Chicago; Barnes Drill Co., Rockford, Ill; Barber, Colman & Co., ditto; The Ingersol Milling Machine Co., ditto; Emerson-Brantingham Plough Corporation; ditto; Williams, White and Co., Moline, Ill; Moline Implement Co., ditto; John Deere, ditto; Ford Motor Car Works, Detroit; Hardie Manufacturing Co., Petrolia, Ontario; Carborundum Co., Niagara Falls, NY. There is a subject index. The report is followed by a comparison of the operating costs of electric and gasoline tractors in John Deere Plough Works Shop, 1925(1 Jul)-1926(30 Jun).

REPORT - of Mr V W Bone's American visit, given at Imperial House, Kingsway. **TR RAN/AD7/67** 1930(12 Dec)

Contents:

Mainly concerned with exploration talks with Mr Clausen of the Case Company over their possible co-operation in export selling. A visit was also made to the Allis-Chalmers Company.

ITINERARY of tour by K M Hicks to South and Central America. **TR RAN/AD7/68** 1961

Contents:

Arranged by countries, including duration of stay and postal and cable addresses.

LETTER to H N Silwell, Dunchurch from JRAR **TR RAN/AD7/69** 1845(13 Feb)

Contents:

Concerning the prices of hand and horse power tile machines [F W Etheridge's patent]. A remittal letter to RSJ for the above item, 1940(29 Jan) is attached.

LETTERS **TR RAN/AD7/70** 1854(7 and 12 Nov)

Contents:

[Both on same sheet]

- i. 1854(7 Nov) To Edmund Barham, Westfield from RS concerning jointed spindle required for a horse work for Thrashing and Barn Machinery.
- ii. To RS from Edmund Barham in reply to the above.

LETTER to William Russell (London) from RS concerning Thrashing Machine being manufactured for E B Westfield. **TR RAN/AD7/71** 1854(15 Nov)

CORRESPONDENCE FILE. Letters to RSJ from H Pattisson & Co, Stanmore. **TR RAN/AD7/72** 1927(Dec)-1928(Jan)

Transmission of Pattisson Tractor literature **TR RAN/AD7/72/i** 1927(29 Dec)

Contents:

With RSJ's representative to the Argentine and current Pattisson prices, discounts and packing charges.

Pattisson's dealings with New Zealand Express Co Ltd **TR RAN/AD7/72/ii** 1927(29 Dec)

Contents:

Concerning Pattisson Tractors and RSJ quintuple mowers.

Discount for Pattisson garden rollers **TR RAN/AD7/72/iii** 1928(13 Jan)

Contents:

And orders from Alexander Cross and Sons Ltd., Glasgow.

FILE of correspondence and telegrams from J Morrissey and Sons, Nenagh, to RSJ **TR RAN/AD7/73** 1928(2 Jun-12 Oct)

Contents:

Concerning the supply and dispatch of Thrashing Machine Fittings by RSJ and including notes on incorrect invoicing.

CORRESPONDENCE FILE between RSJ and the Air Ministry Works Services **TR RAN/AD7/74** 1932(Jun-Nov)

Contents:

Concerning mowing operations at Hornchurch and North Weald Aerodromes. Letters are dated 14 Jun and copy of contract, 23 Jun and 3 Nov with details of equipment to be used.

ORDER TO CONTRACTOR from Air Ministry Works Services **TR RAN/AD7/75** 1932(22 Jun)

Contents:

Ordering RSJ to carry out mowing operations at the North Weald Aerodrome.

ORDER TO CONTRACTOR from Air Ministry Works Services **TR RAN/AD7/76** 1932(22 Jun)

Contents:

Ordering RSJ to carry out mowing operations at Hornchurch Aerodrome.

LIST of RSJ machines in service for Anglo-Iranian Oil Co Ltd in England. **TR RAN/AD7/77** 1945(6 Jul)

Contents:

List comprises machine types with their different locations. Includes electric platform, stacking, tipping, tiering and crane trucks, tractors and mobile cranes.

LETTER to RSJ dealers from W D Akester **TR RAN/AD7/78** 1962(23 Feb)

Contents:

Concerning their participation in a sales incentive scheme for Model 902 combine harvesters to operate 1962(1 Mar-31 May).

CIRCULAR LETTER to RSJ dealers from W D Akester **TR RAN/AD7/79** 1967(4 Jan)

2 copies

Contents:

Concerning the creation of separate executive divisions of RSJ for farm machinery, grass machinery and electric trucks.

STANDING INSTRUCTIONS **TR RAN/AD7/80** 1969(8 Oct)

Contents:

Concerning the development of industrial component sales to trade customers, especially from the Forge and Press Shop.

CORRESPONDENCE FILE between Ransomes, Sims & Jefferies Ltd [copy] and Vaccaro and Cie, Philippopolis and C A Vaccaro, Sofia **TR RAN/AD7/81** 1906(14 Jan-20 Mar)

Contents:

[Original]. The Bulgarian items are in French with subsequent English translations. Concerns the formation of Vaccaro and Cie, replacing C A Vaccaro as representatives of RSJ in Philippopolis.

COPY CORRESPONDENCE concerning Tea Machinery **TR RAN/AD7/82** 1924

Contents:

Including a list of Calcutta Tea Agency Houses, technical comments and notes on business prospects if RSJ should resume the manufacture of Tea Machinery.

- i. 21 Jun Jessop & Co Ltd (London) to Ransomes, Sims & Jefferies Ltd
- ii. 29 May Jessop & Co Ltd (Calcutta) to Jessop & Co Ltd (London)

LIST of tea properties held by members of the Indian Tea Association as at 1921(31 Aug). **TR RAN/AD7/82/1** 1921

Contents:

In alphabetical order of province, then in order of property owner. Includes per entry name of Calcutta agents or secretaries and the area in acres under tea cultivation. General tables relating to tea production and acreage, for 1885-1919 and labour employed in 1919 are appended. Source note indicated. pp 388-391 and 433-465.

FILE of material concerning Mangold Bros. South Africa. **TR RAN/AD7/83** 1937-1938

Terms between RSJ and Mangold Bros **TR RAN/AD7/83/i** 1937(4 Oct)

Contents:

Concerning freight, credit, sales and spare parts.

Liability of Mangold Bros to RSJ. **TR RAN/AD7/83/ii** 1937(30 Sep)

List of Mangold Bros bills to RSJ **TR RAN/AD7/83/iii** 1938(Oct)-1938(Nov)

Contents:

Per month with totals as at 1938(Nov).

COPY LETTER to RSJ from Said Akinci ve Said Dormen, Istanbul **TR RAN/AD7/84** 1943(13 Sep)

Contents:

Concerning the requirements of Turkish Government for Agricultural Machinery especially Ploughs and the problems of supply.

COPY CORRESPONDENCE FILE concerning Pashabhai Patel and Co., Bombay **TR RAN/AD7/85** 1943

Contents:

And their withholdance of outstanding tax of 20,000 rupees and cancellation of all pending government contracts due to the imprisonment of Mahatma Gandhi.

Contains:

- i. 31 May - W Jacks & Co Ltd (London) to RSJ
- ii. 26 Feb - W Jacks & Co Ltd (Karachi) to W Jacks & Co Ltd (London)

iii. 19 Feb - Pashabhai Patel to W Jacks & Co Ltd (Karachi)

iv. 19 Feb - Pashabhai Patel to Lord Linlithgow - includes text of a telegram wired to him previously.

Both iii and iv contain abrasive remarks upon the British rule in India.

REPORT of sub-committee of the Agricultural Conference at New Delhi **TR**

RAN/AD7/86 1944(11 and 12 Sep)

Contents:

Appointed to finalise the figures of India's requirements for tractors and agricultural machinery for 1945 and the first half of 1946. An appendix contains a list of these requirements for field implements and wheel type tractors.

FILE concerning attached and unit tractor plows **TR RAN/AD7/87** 1945

Copy letter to F E Waterman, RSJ from F N Kranick, Case Co, Racine. **TR**

RAN/AD7/87/i 1945(17 Sep)

Contents:

Concerns attached ploughs and their field work, sales problems, manufacturing facilities and export trade.

Copy letter to F N Kranick from A W Clyde, Pennsylvania State College **TR**

RAN/AD7/87/ii 1945(16 Dec)

Contents:

Concerning traction with unit plows, with technical notes attached.

MINUTES [copy] of meeting held at Unilever House, London on 17 Feb between United Africa Co Ltd, Ford Motor Co Ltd and RSJ Ltd. **TR RAN/AD7/88** 1947(19 Feb)

Contents:

Concerns a government scheme for the development of areas in East Africa for the cultivation of ground nuts and the suitability of agricultural machinery to use there.

MINUTES [copy] of meeting held at Unilever House, London on 17 Feb between United Africa Co Ltd, Ford Motor Co Ltd and RSJ Ltd. **TR RAN/AD7/88/1** 1947(28 Feb)

Contents:

Similar content but different text.

MINUTES [copy] of meeting held at Ipswich on 13 Aug between Ford Motor Co Ltd and RSJ Ltd **TR RAN/AD7/89** 1947(4 Sep)

Contents:

Concerning the mutual interest of the two companies in the South African Market.

FILE of circulars and literature from the Agricultural Engineers Association Ltd **TR**

RAN/AD7/90 1959(Feb)-1961(5 Jun)

Contents:

Concerning the Middle East Agricultural Machinery Training Centre and general agricultural machinery exports to the Middle East. GBW Scholefield of RSJ was the association member responsible for implements in this area of activity. The centre was renamed in 1960 as CENTO. Agricultural Machinery and Soil Conservation Centre, Karaj, Iran. There is also some information on the Export Affairs Committee on which G B W Scholefield also served.

General Correspondence **TR RAN/AD8** [n.d.]

Contents:

The following 21 items (TR RAN/AD8/1-21) are LETTERS AND COVERS 1842-1851, retained not for any informative value but for their philatelic worth. Consequently where a letter extends beyond the cover, the subsequent pages do not survive. Where there was no writing on the reverse of the cover, only the cover was preserved. Notes of stamps concerned are included. The dates given are:

- i. Complete letters - Date of letter
- ii. Incomplete letters and cover - Date of postmark.

LETTER to J R & A Ransome from A Maitland **TR RAN/AD8/1** 1842(17 Jan)

Contents:

[Complete]: 2 one penny reds.

LETTER to J R & A Ransome from A Maitland **TR RAN/AD8/2** 1842(24 Jan)

Contents:

[Complete]: 2 one penny reds.

LETTER to J R & A Ransome from A Maitland **TR RAN/AD8/3** 1842(4 Apr)

Contents:

[Complete]: 1 one penny red.

LETTER to J R & A Ransome from R A Ransome **TR RAN/AD8/4** 1842(15 Apr)

Contents:

[Incomplete]: 1 one penny red

LETTER to J R & A Ransome from A Maitland **TR RAN/AD8/5** 1842(16 Apr)

Contents:

[Complete]: 2 stamps subsequently removed.

LETTER to J R & A Ransome from A Maitland **TR RAN/AD8/6** 1842(19 Apr)

Contents:

[Complete]: 1 one penny red

LETTER to J R & A Ransome from A Maitland **TR RAN/AD8/7** 1842(4 Jun)

Contents:

[Incomplete]: 1 one penny red.

LETTER to J R & A Ransome from A Maitland **TR RAN/AD8/8** 1842(6 Aug)

Contents:

[Complete]: 2 one penny reds.

LETTER to Charles May from James Ransome **TR RAN/AD8/9** 1842(12 Sep)

Contents:

[Incomplete]: 2 one penny reds.

COVER OF LETTER to J R & A Ransome from A Maitland **TR RAN/AD8/10** 1843(17 Mar)

Contents:

1 one penny red.

LETTER to J R & A Ransome from A Maitland **TR RAN/AD8/11** 1843(8 Apr)

Contents:

[Complete]: 2 one penny reds.

LETTER to J R & A Ransome from A Maitland **TR RAN/AD8/12** 1843(24 Apr)

Contents:

[Complete]: 1 one penny red.

LETTER to J R & A Ransome from A Maitland **TR RAN/AD8/13** 1843(27 Apr)

Contents:

[Complete]: 1 twopenny blue.

COVER OF LETTER to J R & A Ransome from A Maitland **TR RAN/AD8/14** 1843(29 Jul)

Contents:

1 penny red.

COVER OF LETTER to Charles May. **TR RAN/AD8/15** 1846(7 Sep)

Contents:

Sender not indicated: 1 penny red.

COVER OF LETTER to Robert Ransome from Thomas and Mary Young **TR RAN/AD8/16** 1849(13 Mar)

Contents:

1 penny red

LETTER to Robert Ransome from Mary Young **TR RAN/AD8/17** 1849(3 May)

Contents:

[Incomplete]: 1 penny red.

COVER OF LETTER to J R & A Ransome from Thomas Fox **TR RAN/AD8/18** 1849(26 Jun)

Contents:

1 penny red.

LETTER to Robert Ransome from Stephen Perry **TR RAN/AD8/19** 1849(5 Jul)

Contents:

[Complete]: 1 penny red.

LETTER to Robert Ransome from Jeremiah Head **TR RAN/AD8/20** 1849(10 Oct)

Contents:

[Complete]: 1 penny red.

COVER OF LETTER to Messrs Ransomes and May. **TR RAN/AD8/21** 1851(3 Feb)

Contents:

Sender not indicated: 1 penny red.

LETTER BOOK, entitled "Curious Letters". **TR RAN/AD8/22** 1875-1955

Bound vol

Contents:

A compilation of various dates and items in no apparent order, affixed to the pages of the book. There are originals, original copies, later copies, extracts, a telegram and a newspaper cutting. Some of the material is duplicated in Palmer's "History", Period M 247-278. No detailed cataloguing has been provided as the items are included for their humorous nature, not their informative value. According to the title page, the volume was originally compiled 1930 (11 Nov) but later material has been subsequently added.

Minor Administrative Records **TR RAN/AD9** [n.d.]

THREE FOREMAN'S PIECEWORK ORDER FORMS **TR RAN/AD9/1** 1880's and 1890's

Contents:

Engine Shop [Specimens].

FOREMAN'S ORDER FORM to Workmen **TR RAN/AD9/2** 1886(10 Jan)

Contents:

Lawn Mower Works. To T Warren. Order No 3216.

FOREMAN'S ORDER FORM to Workmen **TR RAN/AD9/3** 1889(14 Nov)

Contents:

Lawn Mower Works. To T Warren. Order No 9169.

FIVE DELIVERY FORMS **TR RAN/AD9/4** 1880's and 1890's

Contents:

Turnery. Three have blank order spaces, the other two list components [Specimens]

ORDER FORM **TR RAN/AD9/5** [c 1890]

2 copies

Contents:

Turnery Stores. [Specimen]

DELIVERY FORM **TR RAN/AD9/6** [c 1900]

Contents:

Yard Traction Crane [Specimen]

Legal records of companies and businesses **TR RAN/CO** [n.d.]

Arrangement: TR RAN/CO1 Partnerships and unlimited concerns including capital

TR RAN/CO2 Companies and limited concerns including capital

TR RAN/CO3 External agreements

TR RAN/CO4 Property

TR RAN/CO5 Patenting

TR RAN/CO6 Trade Marks

Partnerships and unlimited concerns including capital **TR RAN/CO1** [n.d.]

Arrangement: TR RAN/CO1/1-17 Partnerships

TR RAN/CO1/18-19 Capital

DEED OF CO-PARTNERSHIP. **TR RAN/CO1/1** 1809(1 Dec)

5 membranes

Contents:

Party 1. Robert Ransome of Ipswich - Ironfounder

Party 2. James Ransome of Ipswich - Ironfounder and son of Party 1.

Commencing the firm Ransome & Son. Major terms include:

i. Partnership to last 7 years.

ii. Value of goods in stock (£2224-3-8½) plus debts (£1551-18-3) becomes capital of partnership (£3776-1-11½)

iii. Partnership to own patent of 1803(24 Sep) for chilling cast iron ploughshares and other cast iron articles. Also patent of 1808(30 May) for improvements to ploughs.

iv. Partnership to take a warehouse in London for sale of their products.

v. Party 1 to manage London business, Party 2 to manage Ipswich business.

vi. Party 1 to receive £100 per year as rent for Ipswich works.

vii. Party 1 to receive 5% interest per year, paid every 6 months, on £3776 capital.

viii. Party 1 to receive 10/- on each patent plough sold by him in London.

ix. Profits to be shared equally between the two partners.

- x. Private expenses - Party no 1 can draw £25 monthly and Party 2 £20 monthly.
 - xi. No apprentices, agents, or employees to be engaged by one partner without the consent of the other in writing.
 - xii. No credit or obligation beyond £10 to be entered into by either party without the consent of the other in writing.
- Also provisions for decease of either party within term of 7 years.

DEED OF DISSOLUTION OF PARTNERSHIP. **TR RAN/CO1/2** 1852(15 Jun)

2 membranes

Contents:

Party 1. Robert Ransome, James Allen Ransome and William Dillwyn Sims of Ipswich - Ironfounders

Party 2. Stafford Allen of Church Street, Stoke Newington (Middlesex)

Party 3. Charles May of Ipswich - Ironfounder

The partnership of Parties 1 and 3 to be dissolved from 1851(31 Dec) with the retirement of Party 3, and with the consent of Party 2 (an executor of the will of Robert Ransome of Rushmore - deceased). The partnership henceforth to comprise Party 1 only [styled as Ransomes & Sims].

Major terms include:

- i. Transfer of all goods, merchandise and stock from Party 3 to Party 1.
- ii. A debit of £738-18-1d by Party 3 to be struck off the partnership books.
- iii. Party 3 to be given the use of the house in Great George Street, Westminster, from where the London business of the company had been conducted provided he pays the rent and outgoings.

VOLUME CONTAINING ARTICLES OF AGREEMENT AND ASSOCIATED MATERIAL **TR RAN/CO1/3** 1863-1865

Bound vol

Contents:

With John Head.

Compiled chronologically. Contents:

pp4-10 1863[Jun] General notes - mid 1863

pp11-13 1863(12 Sep) Result of discussion over Articles of Partnership

pp19-22 1863(29 Sep) Copy letter to John Head from his prospective partners.

pp 24-52 1863(Oct) Copy of rough draft of Articles of Partnership

pp53-56 1863(16 Oct) Copy letter to John Head from R C Ransome

pp56 1863(8 Nov) Letter R C Ransome from John Head

pp57-72 1863(7 Nov) Letter to Ransome & Sims from John Head in reply to their offer of partnership

pp73-75 1863[Nov/Dec] Memorandum of John Head concerning subsequent meeting with Ransome & Sims. ND

pp89-119 1863(30 Dec) Copy of Articles of Agreement between Ransomes and Sims and John Head.

pp121-130 1864(7 Jan) Copy of Agreement between firm formed on 1863(30 Dec) with Robert James Ransome.

pp131-143 1864(Jan-Nov) Minutes of firm thus formed for 1864 (7 Jan, 20 Feb, 5 Apr, 7 Apr, 12 Aug, 15 Sep, Oct, 6 Nov, 14 Nov).

pp144 [1864] Rough notes of partner's capital.

p 145 1865(9 & 26 Aug) Two letters i. (9 Aug) Copy letter. Ransomes & Sims to James Edward

Ransome

ii. (26 Aug) Letter. James Edward Ransome to Ransomes and Sims

LETTER to John Head from RS contemplating partnership. **TR RAN/CO1/3/1** 1863(9 Jan)

ARTICLES OF PARTNERSHIP **TR RAN/CO1/4** 1869(1 Jan)

Contents:

[Draft] between James Allen Ransome, William Dillwyn Sims, Robert Charles Ransome, John Head and James Edward Ransome. Includes marginal annotations. Major terms include:

- i. Partnership to last 12 years.
 - ii. Firm to be called Ransomes, Sims & Head.
 - iii. Profits to be divided thus: James Allen Ransome 24% (10% in last 3 years)
Robert Charles Ransome 27½%
William Dillwyn Sims 10%
John Head 20%
James Edward Ransome 10%
Remaining 8½% to go in a reserve fund; to be used in reimbursing losses on annual accounts.
 - iv. Losses to be borne by partners in proportion to their respective shares of the profits and also by the Reserve Fund.
 - v. Partners can draw casual expenses yearly up to the value of the profits of preceding year(s).
 - vi. Purchases, including estate property, to be treated as stock.
 - vii. Inventions and profits from gains and earnings to belong jointly to the partnership.
 - viii. Patents regarded as property of partnership and all partners consent needed to take out a patent.
 - ix. Sims' partnership only to last 5 years and provisions for repayment of his capital.
- Complex provisions regarding decease of partners. Other clauses concern the continuance of the partnership. Yearly accounts, assignment of shares to other partners, religion, afflictions and incapacities and other business concerns.

PROVISIONAL AGREEMENT - for Articles of Partnership **TR RAN/CO1/5** 1869(1 Jan)

2 copies

Contents:

Party 1 - James Allen Ransome, William Dillwyn Sims, Robert Charles Ransome, John Head and James Edward Ransome.

Party 2 - John Robert Jefferies.

To admit Party 2 to the partnership entered into by all Party 1, after 2½ years from commencement of their partnership on 1869(1 Jan) seven conditions entered into including:

- i. Jefferies' salary before becoming a partner to be £450 per year.
- ii. Jefferies' admission to be to share of the partnership and to receive a salary then at £200 per annum provided he brings into the business capital not less than 1/10 of the Partnership Capital, though not above £10,000.

PROVISIONAL AGREEMENT [Draft] for Articles of Partnership. **TR RAN/CO1/6** 1869(1 Jan)

Contents:

Draft of the above with various annotations and amendments.

SECONDARY AGREEMENT **TR RAN/CO1/7** 1869(21 Apr)

Contents:

Subsequent to Articles of Partnership, dated 1869 (1 Jan) concerning decease of any partner prior to 1869 (30 Jun or 31 Dec) for the purpose of allocating profits. Estimated profit for 1869 was £10,000.

SECONDARY AGREEMENT TR RAN/CO1/8 1870(3 May)**Contents:**

Subsequent to Articles of Partnership, dated 1869(1 Jan) concerning decease of any partner prior to 1870(30 Jun or 31 Dec) for the purpose of allocating profits. Estimated profits for 1870 was £12,000. [2 copies with different signatures]

SECONDARY AGREEMENT TR RAN/CO1/9 1871(26 Jun)**Contents:**

Subsequent to Articles of Partnership, dated 1869(1 Jan), concerning decease of any partner prior to 1871(30 Jun or 31 Dec) for the purpose of allocating profits. Estimated profits for 1871 was £12,000.

SECONDARY AGREEMENT TR RAN/CO1/10 1872(22 May)**Contents:**

Subsequent to Articles of Partnership, dated 1869(1 Jan), concerning decease of any partner prior to 1872(30 Jun or 31 Dec) for the purpose of allocating profits. Estimated profit for 1872 was £10,000 ["twneety" is written above in pencil]

SECONDARY AGREEMENT TR RAN/CO1/11 1872(27 Jun)**Contents:**

Subsequent to Articles of Partnership dated 1869(1 Jan) concerning decease of any partner and the consequent allocation of profits. Profit for 1871 is stated to be £11,358-9-5d at present and books to be closed for that year after return of Mr Robert Charles Ransome from Vienna. Replaces agreement of 1872(22 May).

SECONDARY AGREEMENT TR RAN/CO1/12 1873(28 May & 3 Jun)**Contents:**

Subsequent to Articles of Partnership dated 1869(1 Jan) concerning decease of any partner prior to 1873(30 Jun or 31 Dec) for the purpose of allocating profits. Estimated profit for 1873 was £20,000. [2 copies with different dates and different signatures].

TWO SECONDARY AGREEMENTS TR RAN/CO1/13 1874(9 and 10 Feb)**Contents:**

Subsequent to Articles of Partnership, dated 1869(1 Jan).

- i. 9 Feb Concerning decease of any partner prior to 1874(30 Jun or 31 Dec) for the purpose of allocating profits. Estimated profit was £24,000.
- ii. 10 Feb Concerning retirement of William Dillwyn Sims and allocation of his share of 10% amongst partners.

SECONDARY AGREEMENT **TR RAN/CO1/14** 1874(17 Feb)

Contents:

Subsequent to Articles of Partnership, dated 1869(1 Jan) concerning decease of any partner prior to 1874(30 Jun or 31 Dec) for the purpose of allocating profits. No estimated profit for 1874 is given.

SECONDARY AGREEMENT **TR RAN/CO1/15** 1875(29 Jan)

Contents:

Subsequent to Articles of Partnership dated 1869(1 Jan) concerning decease of any partner prior to 1875(30 Jun or 31 Dec) for the purpose of allocating profits. Estimated profit for 1875 was £25,000.

ARTICLES OF AGREEMENT **TR RAN/CO1/16** 1875(20 Jul)

Contents:

Party 1 Robert Charles Ransome

Party 2 John Head

Party 3 James Edward Ransome

Party 4 John Robert Jefferies

Made due to the death of James Allen Ransome on 1875(29 Apr) in order to continue the partnership under the four survivors for the remainder of the term of 12 years in accord with the Articles of Agreement, dated 1869(1 Jan), terms as 1869 except for these provisions:

- i. Reapportionment of profits Robert Charles Ransome 33%, John Head 27%, James Edward Ransome 20% and John Robert Jefferies 20%
- ii. Similar reapportionment of profits from last annual stock taking.
- iii. Provisions over decease of any member of present partnership.

ARTICLES OF AGREEMENT. **TR RAN/CO1/17** 1875(20 Jul)

Contents:

These are the first set of the above Articles, actually made on July 16 but this date has been altered in the text and on the endorsement to July 20. They are as above, except that originally provision ii was not included and then subsequently appended. The signatures are only pencilled initials.

LETTER **TR RAN/CO1/18** 1838(11 Oct)

Contents:

To Dykes Alexander from James Ransome on the behalf of JRAR thanking him for a short term loan of £2,000 - mentions growing business of JRAR. [Photocopy]

CAPITAL LEDGER. **TR RAN/CO1/19** 1865-1883

Bound vol

Copies information: [MF 54]

Contents:

Account book of capital investments in RS, RSH and RHJ, prior to the formation of RSJ as a limited company in 1884 and from the inclusion of John Head in the partnership in 1865. There are individual accounts in the names of the following: James Ransome's executors; Robert Ransome's executors; James Allen Ransome; Robert Charles Ransome; William Dillwyn Sims; John Head; J R Jefferies; Alexanders & Co; Stafford Allen; G A Biddell; Thomas Brassey; Stephen Perry; Anna Partridge's trustees; James Edward Ransome; John Head's executors; Anne Stephenson; Richard Ransome's trustees; Elizabeth Ransome; Sarah Jane Ransome's trustees; Sarah Jane Ransome; S J Ransome and Mrs Moberly trustees; Christine Ransome; Trust a/c of W D Sims; Hannah Allen; Frederic Corder; Jane Corder; Samuel Cartt; George Docura; Sarah Ann Escott's trustees; Jonathan D Estaugh; J D Harmer; George Stacey Gibson; Francis Gibson; Howard Head; James Alexander; Emma Haycock; Eliza Haycock; Sarah J Primrose; P G Palmer; Christine Ransome; Christine Ransome's children; Richard and Harriet Ransome's trustees; William Taylor's executors; Henrietta Woods executors; Ann Young; Thomas Brown; James Henry Ransome; Sarah Jane Hodgkin; R C Ransome and Sarah Jane Ransome trustees; J E Ransome's trustees; S J Hodgkin trustees; Kinsey Coley; May Ann Gower; William Gibb; E R Ransome; Ellen Wallis; Hannah C Ransome; John Fowler; Eliza Junes; Alexander Ogilvie; Wagstaff & Brassey; W D Sims (Loan); Alexanders, Maw & Co; J J Rogers; Arthur Thomas Cole's executors; Elizabeth Cole; J Allen Ransome's executors; R J Ransome; Allen Ransome; R H Footman; James Browning; J R Jefferies (Bond a/c); J Allen Ransome's executors (Bond a/c); J Notcutt; Margaret Ogilvie; William Webb Venn; Mary Ann Jefferies; Thomas Common Brown; Eliza Armstrong; Alice Maria Estaugh; Rose Helen Estaugh.

The accounts are double entry, including remarks and occasionally related correspondence:

At the front of the volume are the following:

- i. 1881-1888 Table of details of capital payments made per month.
- ii. Table of bonds entered by R J Ransome, A Ransome, H Footman, J Browning, J R Jefferies and J A Ransome's executors.
- iii. 1882(4 Mar) Press Cutting concerning claimants upon the estate of John Head died 1881(May) "Ipswich Journal"
- iv. 1882 Notes concerning capital invested by John Head, relevant to his decease.
- v. 1876(8 Feb) Press Cutting concerning dissolution and formation of new partnership continuing to trade as RSH "The London Gazette".

At the rear of the volume are the following:

- i. 1883(30 Jun) List of capital creditors with amounts involved
- ii. 1878(31 Dec) List of cash creditors, receiving yearly or half yearly interest, with amounts involved and notes of when paid.
- iii. 1878(31 Dec) List of cash creditors with accumulated interest and additional capital investment since 1878(1 Jan)
- iv. 1875(2 May) List of bonds entered since 1858
- v. 1880(11 Aug) List of bonds and promissary notes in alphabetical order of entrants. Details include amount, type of security, date of entry, when payable, whom signed by and notice required.

ACCOUNT of Profits per annum. **TR RAN/CO1/19/1** 1877-1879

Contents:

The figures entered in parallel columns for comparison.

Records of Registered Companies including Capital **TR RAN/CO2** [n.d.]

Arrangement: TR RAN/CO2/1-10 RSJ 1-5 Articles of Association
TR RAN/CO2/6-10 Stocks and Shares

TR RAN/CO2/11 Ruston & Hornsby Ltd
TR RAN/CO2/12 D Lorant Ltd
TR RAN/CO2/13-23 Société Balkanique Commerciale et Industrielle
TR RAN/13-14 Articles of Association
TR RAN/15-17 Annual Reports
TR RAN/18-23 Correspondence and related documents

ARTICLES OF ASSOCIATION with related material. **TR RAN/CO2/1** 1884-1909

Bound vol

Contents:

Contents are:

- i. 1884(1 May) Articles of Association for RHJ [subsequently altered to RSJ] as a limited company under the 1862 Companies Act. Includes preambles and clauses on capital, share certificates and calls, transfer of share certificates and stock (also their forfeiture, lien and conversion), modification of capital, borrowing powers, general meetings, vote of members, directors, minutes, common seat, local management, secretary, dividends, accounts/audit, notices, winding up and alteration of regulations. Pp 32.
- ii. 1884(12 May) Application for certificate of incorporation for RSJ as a limited company.
- iii. 1884(12 May) List of members of RSJ as required for registration with the above application. Includes names, addresses, occupations, number of shares held and distinctive share numbers.
- iv. 1884(12 May) Statement of nominal capital of RSJ as required for registration with the above application.
- v. 1884(12 May) Copy resolutions, passed at a general meeting of RSJ, assenting to registration as a limited company as required for registration.
- vi. 1884(12 May) Declaration verifying documents iii, iv and v presented for registration.
- vii. 1884(12 May) Certificate of Incorporation [Copy] of RSJ as a limited company.
- viii. 1884(1 May) Articles of Association for RSJ. A copy of i. as required for registration with a further copy of the Certificate of Incorporation affixed to the back page. There are pencilled comments added together with subsequent alterations embodied in special resolutions of 1897(26 Apr), 1900 (27 Mar) and 1908(17 Mar).
- ix. 1893(7 Jul) Legal advice, stating case and opinion, over articles 26 and 30 concerning the transfer of shares to strangers together with an extract from the 1862 Companies Act.
- x. 1885(11 Feb) Legal advice over the mortgage of real property.
- xi. 1894(8 Jan) Legal advice, stating case and opinion, over the buying up of half pound shares as in Article 24.
- xii. 1890's Synopsis of legal opinions in the above three instances.
- xiii. 1900(13 Aug) Press Cutting concerning the Barrow Hemotite Steel Company's chancery case "The Times".
- xiv. 1899(20 Mar) Legal advice [copy] stating case and opinion over the current accounts of directors and others.
- xv. 1901(14 Mar) Legal advice [copy] stating case and opinion, over the rights of joint holders of shares.
- xvi. 1902(11 Mar) Legal advice [copy] stating case and opinion, over the rights of shareholders to inspect company accounts, and the directors' powers to prevent disclosure of company affairs.
- xvii. 1905-1909 Press cuttings concerning forged share transfers "The Standard" 1905(10 Jul) and Shareholders' rights - undicated sources 1908-9.
- xviii. 1908(10 Feb) Legal advice [copy] stating case and opinion, over the 1907 Companies Act.

xix. 1908(31 Mar) Letter, notifying registration of special resolutions of 1908(17 Mar) at the office for the Registration of Joint Stock Companies.

ARTICLES OF ASSOCIATION with copy of certificate of incorporation. **TR RAN/CO2/1/1** 1884(1 May)

Contents:

Pp 32 A further copy of i.

SUBJECT INDEX to the above volume compiled by C J Palmer **TR RAN/CO2/1/2** [n.d.]

MEMORANDUM AND ARTICLES OF ASSOCIATION **TR RAN/CO2/2** 1911(30 May)

Bound vol

Contents:

For RSJ as a company limited by shares in accord with the Companies (Consolidation) Act of 1908. Comprises memorandum concerning objects of the company, and 150 articles concerning shares, certificates, calls, forfeiture and lien, transfer and transmission, share warrants, conversion of shares into stock, increase and reduction of capital, modification of rights, borrowing powers, general meetings and proceedings, minutes, common seal, directors' powers, local management, dividends, accounts audit, notices, winding up and indemnity and responsibility. Also with copies of certificates of registration 1911(30 May) and certificate of Incorporation 1884(12 May). The following alterations were also inserted - Special Resolution 1937(17 Nov) and Ordinary Resolution 1937(17 Nov). There are other alterations in the form of inserts and MSS additions. The remainder of the volume contains writing paper for any notes but this was not used. There is a subject index at the front of the volume. pp 33

CIRCULAR LETTER to ordinary RSJ stockholders **TR RAN/CO2/3** 1949(1 Jun)

Contents:

Notifying change of date of 65th Annual General Meeting from 17 Jun to 24 Jun.

CIRCULAR LETTER to RSJ preference and ordinary shareholders **TR RAN/CO2/4** 1949(22 Nov)

Contents:

Concerning adoption of new set of Articles of Association due to 1948 Companies Act. Ten major points for inclusion in the new Articles are outlined and notice is given for an EGM to be held on 16 Dec. pp 3.

CIRCULAR LETTER to shareholders **TR RAN/CO2/5** 1968(4 Nov)

Contents:

Concerning proposed alteration to Articles of Association in reference to the term "Managing Director" and the convention of an EGM for 29 Nov.

STOCK TRANSFER REGISTER **TR RAN/CO2/6** 1911-1948

Bound vol

Contents:

Of 4½ first mortgage debenture stock. The register comprises loose leaf sheets filed in alphabetical order of stockholder, thereby enabling a sheet to be refiled if the stockholder's name changed as a result of a transfer. The format is name, address and whom interest payable to, with the following columns referring to transfers - date of registration, transfer no., transferor/transferee, no. of certificate amount required, amount transferred and balance held.

PROSPECTUS **TR RAN/CO2/7** 1911(18 Apr)

2 copies

Contents:

For the issue of:

- i. 133,334 5½% cumulative preference shares at £1 each.
- ii. £166,667 4½% first mortgage debenture stock at 99½%

Also includes details of when payable, alist of profits for 1901-1910 and a memorandum of Association, adopted by special resolution to approve the above issue in lieu of the 1884 Articles of Association. A blank application form for each issue is included.

TRUST DEED **TR RAN/CO2/8** 1911(12 Jul)

Contents:

[Blank specimen] in the name of RSJ securing and constituting 4½% mortgage debenture stock. Contains 48 clauses and 3 schedules. The clauses concern interpretation, constitution of first issue stock, limit of stock to £250,000 beneficial ownership, terms of issue, payments to be made to stockholders, conditions of holding, grant of freeholds, assignment of leaseholds, specific charges on leaseholds and free-holds, floating charge on general assets, trusts of mortgaged premises, enforceability of security, notice needed for realisation, trustees' receipt, trust proceeds, power to withhold payment, notice need for apportionments, receipt of stockholder, trustees' powers to concur with company in specified dealings with mortgaged premises, interim investment, mortgages leaving powers under Conveyancing Act, trustees power to carry on business after entry, investment clause, receiver, covenants by company, protection of purchasers, further assurance, attorneys, protection of trustees and receivers, accounts and assets, trustees' salaries, provision in trustees' favour supplemental to 1893 Trustee Act, trustees' employment of agents, trustees' indemnity, copayment of money due to trustees, company power to withdraw property, extent of security in substituted property notice to stockholders and their meetings, waives delegation, power of majority, of trustees, power to modify, reconveyance, statutory power to appoint new trustees and general covenant by company. Then three schedules thus:

- i. Schedule 1 Conditions over issue of debenture stock 21 clauses.
- ii. Schedule 2 Company property impingent on trust deed 2 parts and 3 parcels
- iii. Schedule 3 Meetings of debenture stockholders 18 clauses

Plus copy of Certificate of Registration of a Trust Deed and Particulars of Debenture Stock 1911(27 Jun) pp 31.

CIRCULAR LETTER **TR RAN/CO2/9** 1922(11 Mar)

Contents:

To RSJ shareholders concerning non-payment of half yearly dividend on 5½% cumulative shares, due 18 Mar, on account of continued trade depression.

FILE OF SPECIMEN DOCUMENTS **TR RAN/CO2/10** 1948-1949

Contents:

Concerning issue at 99% of £800,000 3¾% first mortgage debenture stock, in place of 4½% stock.

Letter of Allotment **TR RAN/CO2/10/i** 1948(28 Jul)

Contents:

[Third proof] including Form of Renunciation and Registration Application Form. pp 3.

Form of Cash Application. **TR RAN/CO2/10/ii** 1948

Contents:

Pp 1

Conversion Acceptance Form **TR RAN/CO2/10/iii** 1948

Contents:

Exchanging 4½% for 3¾% first mortgage debenture stock. pp 1

Circular letter to stockholders **TR RAN/CO2/10/iv** 1948(17 Dec)

Contents:

Concerning redemption of 4½% stock at 105% on 1949(31 Jan) pursuant to notice to stockholders of 1948 (7 Jul)

Receipt Form **TR RAN/CO2/10/v** 1949

Contents:

For payment of money and premium owing by RSJ on 4½% stock

MEMORANDUM AND ARTICLES OF ASSOCIATION **TR RAN/CO2/11** 1918(8 Aug) and 1919(Feb-Mar)

Bound vol

Contents:

For Ruston and Hornsby Limited as a company limited by shares. Contents include details of limited liability, capital, business, shares and their transfer, stock, increase and reduction of capital, general meetings, directors and their powers, dividends and profits, accounts, audits, notices and liquidation. The memorandum was adopted 1918 and the articles in 1919. Subsequent resolutions and alterations have been affixed for 1935-6 and 1940.

VOLUME OF SHARE CERTIFICATES **TR RAN/CO2/12** 1939(Dec)-1951(Apr)

Bound vol

Contents:

For D Lorant Ltd. Only 11 certificates were issued, and nos 1-4, 6 and 9 of these were subsequently cancelled and re-affixed to their counterfoils. All the shares were eventually bought out by RSJ, and their directors.

ARTICLES OF ASSOCIATION of SBCI. **TR RAN/CO2/13** 1911(29 Aug)

Language: French

Contents:

Concerns object of company, announcements, style of authorised signatures, share capital and its augmentation, founders' shares, obligations governing body [Conseil d'Administration], censors, general meetings, voting right and decisions, balance sheets, profit and loss account, reserve fund, profits, dividend and disputes. The original was deposited in Bulgaria. pp 25.

ARTICLES OF ASSOCIATION of SBCI **TR RAN/CO2/14** 1911(29 Aug)

Contents:

English translation of the above articles.

REPORT of SBCI for the third AGM 1915(30 Jun). **TR RAN/CO2/15** 1914

Language: French

Contents:

Includes memembers of and reports of the governing body, auditor's report, agenda for the AGM, balance sheets as at 1914(31 Dec) and profit and loss account, reserve fund, profits, dividend and disputes.

REPORT of SBCI for the ninth AGM 1921(30 Jun). **TR RAN/CO2/16** 1920

Language: French

Contents:

Includes memembers of and reports of the governing body, auditor's report, agenda for the AGM, balance sheets as at 1914(31 Dec) and profit and loss account, reserve fund, profits, dividend and disputes. Financial statements as at 1920(31 Dec).

REPORT of SBCI for the eleventh AGM 1923(14 May). **TR RAN/CO2/17** 1922

Language: French

Contents:

Includes memembers of and reports of the governing body, auditor's report, agenda for the AGM, balance sheets as at 1914(31 Dec) and profit and loss account, reserve fund, profits, dividend and disputes. Financial statements as at 1922(31 Dec).

CORRESPONDENCE FILE between Ransomes, Sims and Jefferies Ltd [copy] and C A Vaccaro, Sofia [original]. **TR RAN/CO2/18** 1911(14 Jul)-1913(14 Mar)

Contents:

The Bulgarian items are in French with subsequent English translations. Concerns the formation of Société Balkanique Commerciale et Industrielle, Sofia as a Joint Stock Company and the sale of several shares to RSJ.

DOSSIER on C A Vaccaro of Philippopolis **TR RAN/CO2/19** [c 1915]

Contents:

For 1892-1915, with extract from memorandum of 1906(8 Oct) on C A Vaccaro of Sofia.

COPY OF REPORT of interview with Mr Constantine Vaccaro on the visit of Mr J A Goodwyn to Paris 1919(29-31 Jan) **TR RAN/CO2/20** 1919(4 Feb)

Contents:

Concerning SBCI, Mr C A Vaccaro's account and the Turkish Contract of c 1914.
Attached is a copy of the points for immediate consideration arising from the report.

CORRESPONDENCE FILE [original and copy] **TR RAN/CO2/21** 1919(6 Aug)-1920(18 Oct)
Language: French

Contents:

Concerning SBCI and the deposit of Bulgarian levas to the account of Ransome, Sims and Jefferies Ltd and matters concerning RSJ's shares in SBCI.

COPY LETTER to the General Secretary of the Anglo-Bulgarian Mixed Arbitral Tribunal from SBCI **TR RAN/CO2/22** 1922(29 Nov)

Contents:

Concerning the Society's standing and the tribunal's competence.

CORRESPONDENCE FILE [mainly copy] Bulgarian items are in French with subsequent English translation **TR RAN/CO2/23** 1923(25 Jul-19 Oct)
Language: English and French

Contents:

Concerning RSJ's dealings with SBCI in regard to the payment of profits outstanding and RSJ's holding of shares.

External Agreements **TR RAN/CO3** [n.d.]

GUARANTEE by RSJ to The Royal Bank of Scotland **TR RAN/CO3/1** 1927(28 Dec)

Contents:

For £1,500 on account of the Maston Engineering Co. Ladylands, Corstorphine, Edinburgh at a rate of 5% interest per annum. The guarantee was cancelled by letter (attached) of 1945(11 Aug).

Real Estate Records **TR RAN/CO4** [n.d.]

CONVEYANCE **TR RAN/CO4/1** 1852(15 Jun)

4 membranes.

Contents:

Party 1 Robert Ransome and James Allen Ransome of Ipswich - Ironfounders, Stafford Allen of Church Street, Stoke Newington, Middlesex - Manufacturing Chemist.

Party 2 Charles May of Ipswich - Ironfounder

Party 3 William Dillwyn Sims of Ipswich - Ironfounder

Party 4 George Josselyn of Ipswich - agent

Of certain of the freehold property, part of the assets of the late Partnership of Ransomes and May, on the occasion of the retirement of Charles May and the formation of the partnership of

Ransomes and Sims. The preamble to the conveyance includes a recital of several earlier conveyances and deeds from 1827 onwards, together with references to the two prior partnerships of 1830 and 1846. Also 4 memoranda of subsequent land conveyances affecting the partnership property for 1854-1858.

Patenting Records **TR RAN/CO5** [n.d.]

Arrangement: TR RAN/CO5/1-5 Ploughs

TR RAN/CO5/6-8 Lawn Mowers

TR RAN/CO5/9-12 Inkstands

TR RAN/CO5/13 General

EXTRACT FROM PATENT SPECIFICATION - for tempering ploughshares. **TR RAN/CO5/1** 1785(1 Apr)

Contents:

In the name of Robert Ransome. [Extract made mid nineteenth century]

COPY OF PETITION to George III from Robert Ransome of Ipswich **TR RAN/CO5/2** 1803(31 Aug)

Contents:

Seeking a grant of letters patent for his method of making and tempering cast iron ploughshares. Petition presented by J Perceval, Attorney-General. [Copy made 1897]

LETTER to J E Ransome from J E Hodgkin **TR RAN/CO5/2/1** 1897(7 Sep)

Contents:

Concerning latter's acquisition of the original of the above petition and promising to remit above copy.

PATENT-ENROLLED SPECIFICATION for improvements on the Wheel and Swing Plough **TR RAN/CO5/3** 1808(29 Jun)

Contents:

With accompanying drawings. In the name of Robert Ransome of Ipswich - subsequent to Letters Patent, dated 1808(30 May)

PATENT-SPECIFICATION [Draft] concerning improvements in the body of the Wheel and Swing Plough. **TR RAN/CO5/4** 1810(6 Jun)

Contents:

In the name of Robert Ransome of Kelvedon (Essex), subsequent to Letters Patent, dated 1810(5 Mar). Two sheets of drawings, with some figures appended to the text. [Photocopy]

SETTLEMENT **TR RAN/CO5/5** 1853(1 Dec)

Contents:

Party 1 RS of Ipswich [plaintiffs]

Party 2 William Busby of Newton-le-Willows, Bedale [defendant]

Including excerpt from full agreement made 1 Dec. and a memorandum of agreement. The settlement was made out of court and concerned Busby's infringement of RS plough patents. The terms include:

- i. Party 2 will pay party 1 5/- per patent plough and 2/6d for ploughs with RS moveable nose-piece, which he has made or will make.
- ii. Term i to be mentioned in any advertisements that Party 2 will make for such ploughs.
- iii. Party no 2 to pay £27 legal expenses.

TECHNICAL ADVICE from William Tarpmael, patent agent **TR RAN/CO5/6** 1895(17 May)

Contents:

Concerning whether an intended patent for lawn mowers would infringe the patent no 15636 granted to James Shanks in 1893. There is no indication of the prospective patentee [presumably linked with RSJ]

PATENT-PROVISIONAL SPECIFICATION no 7540 for improvements in land rollers and mowing machines. **TR RAN/CO5/7** 1902(29 Mar)

Contents:

In the name of James Edward Ransome of Ipswich

EXTRACTS from report and correspondence concerning Curle's improvements to the bearings for the front roller of lawn mowers. **TR RAN/CO5/8** 1931(21 Dec)

Contents:

There is an extract from a report of Mathys and Squire [patent agents] over the patentability of the improvements and from a letter of Curle's concerning RSJ's design. The above date is that of the attached forwarding memorandum.

PATENT-ENROLLED SPECIFICATION [Duplicate] no 933. **TR RAN/CO5/9** 1861(16 Oct)

Contents:

For "Improvements in Inkstands" in the name of Robert Ransome.

DRAWING of inkstands for above duplicate specification **TR RAN/CO5/10** 1861

Contents:

Presumably a tracing of the drawing in the enrolled specification proper and as subsequently appeared in printed final specification.

PATENT-FINAL SPECIFICATION no 933 for "Inkstands" **TR RAN/CO5/11** 1861(16 Oct)

Contents:

In the name of Robert Ransome. Also provisional specification (16 Apr) pp 4. 1 sheet of drawings.

ARTICLES OF AGREEMENT **TR RAN/CO5/12** 1875(3 Nov)

Contents:

Party 1 Robert Charles Ransome and James Edward Ransome - of Ipswich

Party 2 Thomas De La Rue and Co - of 110 Burnhill Row, London - merchants and manufacturing stationers.

Whereby Party 2 becomes sole agents for sale of Inkstands as patented by Robert Ransome in 1861(16 Oct) and which patent expired 1875(16 Apr). This agreement is subsequent to the Deed of Licence between the same parties on 1864(19 Mar) and thus replaces it. The manufacture of the stands will be by Party 1 alone for framed models, but "box" models can be made by anyone so designated. Stock of Party 1 not to be less than 500 framed models. Party 2 to pay 10% of sale price of boxed models to party 1½ yearly. Twelve months notice necessary for termination of agreement.

HISTORICAL NOTE - on Ransome's Inkstands. **TR RAN/CO5/12/1** 1950(11 Aug)

Contents:

Made by C W Cullingford.

LEGAL ADVICE to R G Ransome **TR RAN/CO5/13** 1839 (Nov)

Contents:

Over the rights of Masters and of Workmen in terms of inventing, developing and patenting machinery. The invention concerned in this case is not specified.

- i. 10 Nov Copy of the case with the opinion of the Attorney General - J Campbell
- ii. 12 Nov Copy of letter from John Pontifix and Co to R G Ransome, concurring with the above opinion.
- iii. [1839] Copy of letter from R G Ransome over the assignment of the Patent Rights. Recipient is not named.

Trade Mark Records **TR RAN/CO6** [n.d.]

VOLUME OF REGISTERED TRADE MARKS for agricultural and horticultural machinery **TR RAN/CO6/1** 1877-1930

Contents:

Ie. Class of goods under the Trade Marks Registration Act of 1875. The volume appears to have been chronologically compiled by Ransomes as an indication of trade marks in use by their competitors although their own marks are also included. The entries are in the form of pasted cuttings taken from the HMSO printed lists of trade marks. The volume is officially ruled for trade mark applications and the cuttings for pp 1-62 have been affixed according to this prescribed format of trade mark, name, address and title of applicant, class of goods, description, Registrar's number, date application received, details of mark used prior to 1875(13 Aug), Journal and Page numbers when registered. After p 62, the cuttings contain the above information in composite form and the official ruling is thus discarded. The Journal and Page numbers being now subsequently written on the cuttings.

VOLUME OF LITIGATION **TR RAN/CO6/2** 1872-1874 and 1881-1882

Bound vol

Contents:

For the following two cases:

i. Plaintiffs: James Allen Ransome, William Dillwyn Sims, Robert Charles Ransome, John Head and James Edward Ransome.

Defendant: John Cooke

Concerning the defendant's alleged manufacture and sale of ploughshares of the size, weights and

markings used by the plaintiffs.

In Chancery before the Master of the Rolls.

- a. 1872(20 Dec) Letter forwarding Bill of Complaint to Ransomes
- b. 1872(12 Dec) Bill of Complaint. pp 17
- c. 1873(12 Mar) Defendant's Answer. pp 17. MSS replies from Ransomes have been bound in with the answer and pencilled comments appended in the margin.
- d. 1873(12 Nov) 64 affidavits filed on the behalf of the plaintiffs. pp 50
- e. 1874(19 Jun) Order granting perpetual injunction against the defendant. MSS copy of printed order.

ii. Plaintiffs: Robert Charles Ransome, John Head, James Edward Ransome and John Robert Jefferies.

Defendants: John Graham and Richard Crush Joslin

Concerning Ransomes, Head and Jefferies registered trade marks nos 12373-12375 and 12379-12382 and also the Trade Marks Registration Act of 1875. In the High Court of Justice, Chancery Division.

- a. 1881(Feb-Mar) 47 affidavits filed by the plaintiffs. pp 44
- b. 1881(Feb-Dec) 40 affidavits filed by the defendants. pp 43
- c. 1881(18 Mar) Transcript of Proceedings before the Master of the Rolls on the hearing of a motion for an Injunction. pp 2.
- d. 1881(27 Apr) Statement of claim (by plaintiffs). pp 3.
- e. 1881(26 May) Statement of defence (by defendants). pp 4.
- f. 1882(16 Mar-20 Apr) Minutes of Proceedings before Vice-Chancellor Bacon 10 days. pp 439.
- g. 1882(29 Apr) Judgement by Vice-Chancellor Bacon. pp 11
- h. 1882(29 Apr) Order arising from the judgement, granting an Injunction against the defendants and dismissing the motion under the Trade Marks Registration Act. Includes schedule of witnesses examined and related exhibits. pp 6.

In the Supreme Court of Judicature, Court of Appeal.

- i. 1882(24 Nov) Transcript of proceedings before the Master of the Rolls, Lord Justice Cotton and Lord Justice Bowen. pp 4.
- ii. 1882(25 Nov) Order dismissing appeal of defendants. pp 1.

In the back end papers there is a list of the various documents employed and referred to during the hearing of the second case and notes on their location.

VOLUME OF LITIGATION **TR RAN/CO6/3** 1881-1882

Bound vol

Contents:

For the case:

Plaintiffs: Robert Charles Ransome, John Head, James Edward Ransome and John Robert Jefferies.

Defendants: John Graham and Richard Crush Joslin.

Concerning Ransomes, Head and Jefferies registered trade marks nos 12373-12375 and 12379-12382, and also the Trade Marks Registration Act of 1875.

In the High Court of Justice, Chancery Division, and the Supreme Court of Judicature, Court of Appeal.

The contents for this case are as for the above volume except that the defendants statement of defence of 1881(26 May) is not included.

The front end paper has affixed:

1886(11 Nov) Press cutting concerning the retirement of Vice-Chancellor Bacon "The Standard".

The rear end paper has a list of expenses incurred by RHJ during the course of the case.

VOLUME OF LITIGATION **TR RAN/CO6/4** 1881-1882

Bound vol

Contents:

For the above case: The contents are the following only:

In the High Court of Justice, Chancery Division.

- a. 1881(Feb-Mar) 47 affidavits filed by the plaintiffs. pp 44
- b. 1881(Feb-Dec) 40 affidavits filed by the defendants. pp 43
- c. 1882(16 Mar-20 Apr) Minutes of Proceedings before Vice-Chancellor Bacon 10 days. pp 439.
- d. 1882(29 Apr) Judgement by Vice-Chancellor Bacon. pp 11.

CIRCULAR requesting financial aid in the case of Ransomes v Graham **TR RAN/CO6/5 X** 1882(6 Oct)

Contents:

In regard to the costs involved in taking the case to the Court of Appeal, subsequent to the Injunction granted in the Court of Chancery. Includes a list of subscriptions promised. pp 3. Also blank subscription form attached.

NOTES OF CONSULTATION for the case, Ransome v Graham **TR RAN/CO6/6** 1882(24 Nov)

Contents:

Between Ransomes, Head and Jefferies, and counsel for the Prosecution, QCs - Aston, Davey and Barton.

LETTER from RHJ **TR RAN/CO6/7** 1882(24 Nov)

Contents:

Notifying acceptance of settlement proposed to them that day, as in the above notes of consultation.

LIST of English founders who cast plough metal **TR RAN/CO6/8 X** 1882-3

Bound vol

Contents:

Compiled to indicate whether founder concerned had ever pirated Ransome's trade marks or not. Information is mainly derived from Ransome's representatives initially. The subsequent notes are concerned with the provision of information by RHJ concerning the results of any infringement, relevant to the case Ransome v Graham and its judgement. Information is entered according to founder and there is a contents list of the same at the front of the volume.

Drawing Records **TR RAN/DO** [n.d.]

Arrangement: TR RAN/DO1 Drawings
TR RAN/DO2 Registers and Indexes

DRAWINGS **TR RAN/DO1** [n.d.]

Contents:

Wherever possible Ransome's own drawing number has been retained as a part of the catalogue number to facilitate reference.

Drawings - Originals, Tracings and Prints. **TR RAN/DO1/A** [n.d.]

- Arrangement:**
- i. No prefix. This indicates a drawing entered in the 5 Drawing Ledgers TR RAN/DO2/1-5. Although originally intended for all drawings, the ledgers were used primarily for steam engineering drawings during the twentieth century. Individual drawing numbers had no distinguishing prefix from other series and they are likewise identified in the catalogue eg Ledger Drawing 10519a = TR RAN/DO1/10519a.
 - ii. D This indicates a drawing entered in the 4 Design Drawing Registers, TR RAN/DO2/9-12. Individual drawing numbers had no distinguishing prefix from other series and they are identified by the prefix "D" in the catalogue eg Design Drawing 1427 = TR RAN/DO1/D1427.
 - iii. L This indicates a drawing entered in the standard list Drawing Register TR RAN/DO2/14 The drawings are of standard components for steam engineering. Individual drawings numbers had no distinguishing prefix from other series and they are identified by the prefix "L" in the catalogue eg Standard List Drawing 948 = TR RAN/DO1/L948.
 - iv. SK This indicates a drawing's source is a Drawing Office Sketch Book. The books [not extant] were numbered successively from 1 onwards, and the drawings from 1 onwards successively per book. Thus SK40/291 = Drawing 291 in Sketch Book 40. The series of drawings, SKI-15 are compilations made in 1945 of primarily Portable Steam Engines components containing about 10 sketches per sheet, traced from various Sketch Books.
 - v. RSJ This indicates a drawing entered in the Thrashing Machinery Department Drawing Registers [not extant]. Individual drawings were prefixed by "RSJ" and they are likewise identified in the catalogue eg Drawing RSJ 1427 = TR RAN/DO1/RSJ 1427.
 - vi. E This indicates a drawing entered in the Engineering Department Drawing Registers [not extant]. Industrial drawings were prefixed by "E" and they are likewise identified in the catalogue eg Drawing E 162A12 = TR RAN/DO1/E162A12.
 - vii. LM This indicates a drawing entered in the Lawn Mower Works Drawing Registers - unprefix series [not extant]. They are identified by the prefix "LM" in the catalogue eg Drawing 1027 = TR RAN/DO1/LM1027.
 - viii. LS This indicates a drawing entered in the Lawn Mower Works Drawing Registers "LS" series [not extant]. They are likewise identified in the catalogue eg Drawing LS 2641 = TR RAN/DO1/LS2641.
 - ix. [LM] This indicates an unnumbered drawing of machinery manufactured by the Lawn Mower Works. Numbers have had to be assigned to provide a means of reference and these are preceded by [LM] for identification eg TR RAN/DO1/[LM] 14.
 - x. MD This indicates a drawing of machinery or components manufactured by RSJ during 1938-1945 for the Ministry of Defence. The principal drawing number refers to the item and the stroke numbers to its components. "SK" is introduced into some numbers for further identification only.
 - xi. RH This indicates drawings or copies thereof originating from Ruston & Hornsby Ltd Ruston Proctor & Co Ltd, and Ruston Proctor & Co. These were of relevance to RSJ due to their merger with Ruston & Hornsby Ltd. Ruston's own drawing numbers have been retained, prefixed by RH and are thus identified in the catalogue eg Drawing 11-7201 = TR RAN/DO1/RH 11-7201
 - xii. [RH] This indicates an unnumbered tracing by RSJ of a Ruston & Hornsby Ltd. drawing. Numbers have had to be assigned therefore to provide a means of reference and these are preceded by [RH] for identification eg TR RAN/DO1/[RH] 19.

Supplementary information: A separate card catalogue is available.

Contents:

Survival is very spasmodic, apart from the standard list drawings which survive virtually complete.

Drawings - Barcograph transparencies **TR RAN/DO1/B** [n.d.]

Contents:

[6.5 x 4.75 ins, negative and positive] A separate card catalogue will be available and the entries be combined with those for A above. Barcograph transparencies of drawings were first made as a security precaution by RSJ during the Second World War [cf TR RAN/SP2/55] and the practice continued thereafter. The great majority of the drawings copied during the wartime relating back in places to the 1880's and 1890's no longer survive in RSJ's custody. The negatives are of RSJ drawings and the positives of Ruston & Hornsby Ltd drawings. The transparencies were numbered successively from N1 onwards in order of copying. The information on the catalogue card will therefore also include the transparency number, though be filed according to drawing number. The holding at Reading as at 1974(1 Jan) is c15,000 transparencies of all drawings of Engineering Department and Thrashing Machinery Department products, copied pre N40,000. These include drawings from several of the above series eg Ledger, D, SL, SK, RSJ, E and RH. The appropriate transparency numbers are also entered in certain of the drawing ledgers and registers held at Reading.

Drawing Office Registers and Lists **TR RAN/DO2** [n.d.]

Arrangement: TR RAN/DO2/1-5 Drawing Ledgers

TR RAN/DO2/6-8 "E" Department Indexes to Ledgers

TR RAN/DO2/9-12 Design Drawing Registers

TR RAN/DO2/13 "E" Department Index to design drawing registers and drawing ledgers

TR RAN/DO2/14 Standard List Drawing Registers

TR RAN/DO2/15 Index to Standard List Drawing Register

TR RAN/DO2/16-17 Registers of customers

DRAWINGS LEDGER No 1 **TR RAN/DO2/1** 1836-1885

Bound vol

Contents:

Arranged in successive order of drawing numbers. Nos 0-4999. Format per entry is drawing number, size, date of office drawing, date of shop drawing, description and remarks (including details of subsequent drawings, subsidiary to the original, and designated by the same drawing number with alphabetical lower cases suffixes). The DNs were assigned according to sectional subject heads of machinery or implements, not in chronological sequence. There is an alphabetical index of these at the front of the ledger stating the DN at which each section commences.

Entries were marked in red in 1893(2 Oct) according to the following format: D = Destroyed, R = Reserved ["doubtful value"], M = Missing, PI = Preserved for interest, All folded tracings marked "R", prior to DN 4143 were destroyed 1931 (Oct).

Affixed to the front endpaper are:

i. List of vacant DN sections.

ii. List of DNs of general arrangements of Portable Steam Engines. Subdivided into HPs and cylinder sizes.

DRAWINGS LEDGER No 2. **TR RAN/DO2/2** 1834-1886

Bound vol

Contents:

Arranged as No 1. DN 5000-9899. Entries coded in red and alphabetical sectional index as above.

DRAWINGS LEDGER No 3. **TR RAN/DO2/3** 1860-1945

Bound vol

Contents:

In successive order of DNs. DN 9990-10500. Each DN has a page in the ledger headed by the machinery types. Below are entered the subsidiary DNs in alphabetical order of suffix. For each subsidiary DN there are details of size (also including type), date of office drawing, date of shop drawing, description and remarks (mainly concerning supersedence). Arrangement is by sectional subject heads and these are partly accessible through the separate series of index books to the drawing ledgers (Entries are nearly all for Engineering Department products, plus some Thrashing Machinery.) Entries are also coded in red as above. Nos entered in the extreme left hand column per page prior to the DN refer to the photographic transparency of the drawing and these do survive [negative for RSJ and positive for Ruston and Hornsby Ltd]. The present ledger is a copy of the original which was destroyed 1914(1 Jul).

DRAWINGS LEDGER No 4. **TR RAN/DO2/4** 1898-1951

Bound vol

Contents:

Arranged as Vol 3. DN 10501-1100.

SUPPLEMENTARY DRAWINGS LEDGER **TR RAN/DO2/5** 1874-1935

Bound vol

Contents:

Contains continuations of various entries in Ledgers 1-4 The format per entry is as Vol 3. The entries in this ledger are indicated with the appropriate page reference in Ledgers 1-4 when the entry for the DN concerned became full and subsequent entries had to be made in the supplementary ledger. Entries are coded in red as above and transparency numbers are also included where relevant.

INDEX to Ledger Drawings - Steam Engines and Corn Mills. **TR RAN/DO2/6** 1857-1899

Bound vol

Contents:

In 9 sections according to machinery type. Each section is in alphabetical order of parts and components with divisions for engine HP or mill size. The references comprise ledger DN's with

size/type abbreviations and dates. The sections are:

1. "Primitive" Portable Steam Engines, 5-12 NHP
2. Portable Steam Engines on Biddell and Balk's Patent Boiler, 3-12 NHP
3. "Ordinary" Portable Steam Engines [old series] 3-20 NHP
4. "Expansion" and "New Series" Portable Steam Engines, 2½-30 NHP [old design]
5. Stationary Steam Engines and Cornish Boilers, 4-30 NHP
6. "Standard" Vertical Steam Engines, "B-K" models
7. Pumping Engines, 2½-4NHP
8. "Smack" Vertical Steam Engines, "P-T" models
9. Corn Mills, 2ft-4ft 6ins models.

INDEX to Ledger Drawings - "New Design" Portable Steam Engines **TR RAN/DO2/7** 1883-1929

Bound vol

Contents:

Simple and compound, 2-20 HP. Arranged as above index.

INDEX to Ledger Drawings - Traction Engines and Road Locomotives **TR RAN/DO2/8** 1877-1913

Bound vol

Contents:

Simple and compound, 6-12 NHP. Arranged as above.

REGISTER of design drawings, No 1. **TR RAN/DO2/9** 1887(Jul)-1900(Dec)

Bound vol

Contents:

In successive order of design drawing numbers, Nos 501-6195. Format per entry is design DN, date, design description, DN source for design drawing [L = Ledger, D = Design and SK = Sketch Book], whom design drawings sent to or received from and number and type of copies sent. From Design DN 3380 onwards [ie 1895(Apr)], the size and type of the design drawing are also given. All design drawings pre No 5865 were destroyed 1948(Feb).

REGISTER of design drawings No 2. **TR RAN/DO2/10** 1901(Jan)-1916(Jul)

Bound vol

Contents:

Arranged as above. Design Drawing Numbers 6196-13009.

REGISTER of design drawings, No 3. **TR RAN/DO2/11** 1916(Jul)-1932(Jul)

Bound vol

Contents:

Arranged as above. Design Drawing Numbers 13010-18924.

REGISTER of design drawings, No 4. **TR RAN/DO2/12** 1932(Jul)-1950(Feb)

Bound vol

Contents:

Arranged as above. Design Drawing Numbers 18925-23226. [Nos 22961-22968 and 23160-23209 have blank entries].

SUBJECT INDEX to Ledger Drawings and Design Drawings. **TR RAN/DO2/13** [n.d.]

Bound vol

Contents:

Engineering Department products, including Portable, Semi-Portable, Stationary, Vertical and Mounted Steam Engines, Boilers Electric Lighting Engines, Winding Machinery, Pumping Machinery, Mining and Prospecting Machinery, Corn Milling Machinery, Tea Mills, Turbines, Sugar Preparing Machinery, Air Compressing Machinery, Traction Engines, Road Locomotives and Oil Well Boring Engines. There are also a few entries for agricultural machinery and Lawn Mowers. The index is preceded by a DN reference table of general arrangements. The index proper is in alphabetical subject order, according to the schedule at the front of the volume.

The references comprise description, DN including type, and often customer as well. For DNs, L = Ledger, and D = Design.

REGISTER of Standard List Drawings. **TR RAN/DO2/14** 1885(Feb)-1942(Dec)

Bound vol

Contents:

Arranged in successive order of standard list numbers. Format per entry is number, whether obsolete or not, description, drawing office date, date of issue, number of copies issued, superseded, superseded by and date superseded. In 2 sections.

i. 1885(Feb)-1928(Apr) Nos 1-1620

ii. 1920(May)-1942(Dec) Nos 1801-2137

Numbers in red above the standard list numbers refer to negative photographic transparencies of the original.

INDEX to Standard List Drawings. **TR RAN/DO2/15** [n.d.]

Bound vol

Contents:

Arranged in order of alphabetical subject sections. Within each section, entries are in rough standard list DN order. Entries give drawing description, and whether obsolete or not. The volume was begun in 1917(Apr) as a copy of the original index with later DNs added thereafter.

REGISTER of customers - Drawing Office. **TR RAN/DO2/16** 1911-1936

Bound vol

Contents:

In most cases drawings were supplied by RSJ in the form of BPs. Occasionally customers remitted drawings to RSJ themselves. The register is in alphabetical order of customers (which includes internal departments of RSJ) and the entries per customer are in order of dispatch or receipt of drawings. Format per entry for drawings dispatched is number of BPs sent, BP number, DN copied from, description and date of dispatch. [*The BP number is the same as the DN except where the source is a ledger DN]. Format per entry for drawings received is number and type of drawings received, DN concerned, description and date of receipt.

*For DN sources, D = Design and L = Ledger.

REGISTER of Customers - Drawing Office. **TR RAN/DO2/17** 1936-1948

Bound vol

Contents:

Arranged as above register.

Technical Records - Experimental and General Reference **TR RAN/ET** [n.d.]

Arrangement: TR RAN/ET1 Experiments and Trials

TR RAN/ET2 Technical Reference to Firm's Products (including General Technical Working Papers)

TR RAN/ET3 General Technical Reference

Records of Experiments and Trials **TR RAN/ET1** [n.d.]

Arrangement: TR RAN/ET1/1-3 Steam Engineering

TR RAN/ET1/4-10 Ploughs and Implements

TR RAN/ET1/4-9 JRAR & RSJ

TR RAN/ET1/10 J & F Howard Ltd

EXPERIMENTS BOOK - Steam Engines, Railway Materials and Thrashing Machines. **TR RAN/ET1/1** 1846-1889

Bound vol

Contents:

Most entries have detailed technical data with varying format according to the nature of the experiments and the items concerned. Where no indication is given in the book of the material's intended use, it is likely that they were meant for railway work. There is an alphabetical subject index at the front of the volume. Contents:

i. [c 1846](14 Feb) Iron bars for railway chairs. pp 1-8

ii. [late 1840's] Railway goods waggon springs. p 9

iii. [late 1840's] Girders for Diss Corn Exchange. p 11

iv. [c 1875] Water discharge through vertical 2½" wide slit to determine coefficient of $Q = CV^2h^2$ diminishes as depth of stream increases. For pumping machinery. pp 13-16.

v. 1875(14 Sep-22 Oct) Pumping machinery. 3 expansion portable steam engines [no 2603 8 HP self acting. no 3347 10 HP. no 3164 12 HP double cylinder] with J & H Gwynne's 10" pump. pp 17-19

vi. 1846(29 May) Scantling Struts [for railway work] pp 21-23

vii. 1848(21 Sep) Trussed and sandwich purlins [for railway work] pp 27-29

- viii. 1846(4 Nov) Corrugated iron [for railway works] pp 31-32
- ix. [late 1840's] Contractor's rail[for railway work] p 33
- x. [late 1840's] Columns [for railway work] pp 37-38
- xi. [late 1840's] Crane jib [for railway work] p 41
- xii. [late 1840's] Shearing and punching iron [for railway work] p 43
- xiii. [late 1840's] Angles, "T" and sheet iron [for railway work] pp 45-47
- xiv. 1853(10 Dec)-1854(14 Jan) Iron for Madras railway chairs. pp 49-54
- xv. [c1866] 10hp ordinary portable steam engine - 9 x 12" stroke. pp 55-56
- xvi. 1866(30 Jul-7 Aug) 5 HP expansion "portable" steam engines for Russian lighthouses. pp 57-58
- xvii. 1860(14-20 Jul) 10 HP ordinary portable steam engine with various slide valves including Adams and Parsons type. p 59.
- xviii. 1866(5-13 Nov) 8 HP ordinary portable steam engine with different grate areas p 59
- xix. 1867(17 & 18 Sep) Steam engine slide valves. p 60
- xx. 1866(12 Jul-18 Dec) 12 HP portable expansion steam engine - 12 x 18 stroke with steam jacket. pp 61-66
- xxi. 1867(4-8 Jan) Ditto for heater and fuel consumption. pp 67-68
- xxii. 1867(22-23 Feb) 10 HP portable expansion steam engine - 10 x 13" stroke for Paris Exhibition 1867 no 1369. p 69.
- xxiii. 1867(8-16 Mar) 10 HP "portable" expansion steam engine - 10 x 13" stroke for Billancourt Exhibition. pp 70-72.
- xxiv. 1867(27 Mar-4 Apr) 8 HP portable steam engine - 7¾ x 11" stroke. no 263. From Town Warehouse. pp 73-76.
- xxv. 1867(5-28 May) 10 HP Portable steam engine - 10 x 13" stroke with double port slide valve. Order no 7256. pp 77-79.
- xxvi. 1867(23 May)-1868(23 Jan) Light 10 HP portable steam engine - 10 x 13" stroke with double port slide valve with relief ring. Engine no 1410. pp 79-83
- xxvii. 1867(15-19 Jun) 8 HP ordinary portable steam engine - 7¾ x 11" stroke with ordinary slide valve and shifting eccentric. p 83
- xxviii. 1867(20 Jun) 10 HP ordinary portable steam engine - 9 x 12" stroke. no 1399. p 83
- xxix. 1867(4 Jun-21 Sep) 15 HP double cylinder portable steam engine 8¼ x 12" x 2 stroke with double port valves and relief rings. No 1403. pp 85-88.
- xxx. 1868(3-17 Nov) 3 expansion portable steam engines for Santiago Exhibition [no 1616-10 HP 10 x 13" stroke double slide valve, relief ring, steam jacket and heater, no 1617 12 HP double cylinder 8¼ x 12" x 2 stroke, no 1618 8 HP single cylinder, 9¾ x 12" stroke, slide valve] pp 89-90.
- xxxii. 1869(14 and 23 Dec) 8 HP single slide expansion portable steam engine, no 1798. p 90.
- xxxiii. 1871(20-27 Feb) Comparison of economic value of 5 kinds of coal. p 91
- xxxiv. 1871(14 Feb-18 Mar) Ditto using 50 HP Turnery stationary steam engine. p 92.
- xxxv. 1871(4 Apr-16 May) Turnery 50 HP stationary steam engine - steam jackets and air holes. pp 93-94.
- xxxvi. 1871(23 Nov) Warming feed water of portable steam engine. An ordinary 10 HP with steam jacketed cylinder was used. No 2276. pp 95-96.
- xxxvii. 1871(27 Oct)-1872(15 May) AI steam thrashing machine no 6448 with detailed notes. pp 97-102.
- xxxviii. 1872(3-24 Jan) Comparison of two 10 HP portable steam engines, one with steam jacket, one without. Nos 2246 and 2276. pp 103-104.
- xxxix. 1873(21 Jan-1 Apr) Special 8 HP portable steam engines - 9 x 13" stroke for Vienna Exhibition 1873. No 2603. pp 105-108.
- xl. 1873(3 Apr-7 May) Comparison of 10 HP portable steam engine - Clayton, Shuttleworth & Co. No 12160, with RSH portable steam engine [no 2502 - 10HP ordinary. no 2618 - 10 HP expansion. no 2564 - 12 HP ordinary. no 2635 - 8 HP expansion] pp 109-112.

- xl. 1872-3 Five portable steam engines straw burning trials pp 113-114
 - a. 1872(5 Dec) In thrashing. Rose Hill Farm
 - b. 1873(19 May) 10 HP portable steam engine no 2598 for W Maw of "Engineering"
 - c. 1873(20 May) 10 HP portable steam engine no 2598 for W Mallett of "The Engineer".
 - d. 1873(16 Aug) 10 HP portable steam engine. At Factory of Clayton, Shuttleworth & Co. Vienna.
 - e. 1873(1 Sep) 10 HP portable steam engine. Burning cotton wood. no 2738.
- xli. 1873(19-20 Jun) Strawshaker with RSH and Marshall Sons & Co Steam Thrashing Machines. Resgrave. p 115.
- xlii. 1873(6-19 Nov) Comparison of 8 HP portable steam engine with 10 HP cylinder and ordinary 8 HP portable steam engine - $7\frac{3}{4}$ x 11" stroke, no 2768. pp 115
- xliii. 1873(22 Dec)-1874(16 Jan) Economic values of Asia Minor coal, Cambridgeshire Kennett peat and Rhonda steam coal. 8 HP portable steam engine - $7\frac{3}{4}$ x 11" stroke. no 2768 was used. pp 116-117.
- xliv. 1874(25 Feb) Reed and seed turnip stalk burning. An 10 HP portable steam engine straw burner no 2795 was used. p 117.
- xlv. 1875(7-8 Jan) Blast nozzles. A 12 HP single slide expansion portable steam engine straw burner was used. pp118.
- xlvi. 1874(29 Sep)-1876(22 Sep) Comparison of 8HP self acting expansion portable steam engine with round top fire boxes nos 3000 and 3001 RSH with 8 HP single cylinder variable expansion portable steam engine - $9\frac{1}{2}$ x 12" stroke Marshall Sons & Co no 4875 pp 119-120.
- xlvii. 1874(25 Nov)-1875(24 Mar) Dudgeon's 12" and 8" rotary steam engine. pp 121-122
- xlviii. 1875(8 Feb-4 Mar) 10 HP expansion portable steam engine. 10 x 13" stroke on Welter's patent boiler. pp 123-124.
- xlix. 1875(5-10 Apr) Varieties of blank nozzle. p 125.
- l. 1875(16-22 Apr) 12 HP double cylinder ordinary portable steam engine straw burner with various blank nozzles and straw sizes. p 126.
- li. 1875(18 Aug-10 Sep) Account of straw burning portable steam engine trials, using 8 HP expansion and 10 HP expansion engines, the latter no 3302. pp 127-129.
- lii. 1876(10-17 Aug) Ditto, using 6 HP ordinary no 3437 and 10 HP ordinary pp 130-131
- liii. 1877(23-27 Jul) Ditto, using 8 HP expansion engine. pp 131-133.
- liv. 1877(31 Jul-2 Nov) Ditto, brick arch in firebox of straw burning. steam engine. pp 133-141.
- lv. 1875-1877 summary table of experiments with various strawburning steam engine, divided into plain fireboxes, brick arches, brick partitions and bridge and baffler. p 142.
- lvi. 1878(2-27 Feb) Boiler tubes for 8 HP strawburning portable steam engine. p 143.
- lvii. 1878(5 Jul)-1879(2 May) 8 HP new standard strawburning portable steam engine. Account of trials. pp 144-147.
- lviii. 1882(1 Sep) Trial of 3 HP vertical steam engine - Davey, Paxman & Co at the Inkstand Works. pp 148-150.
- lix. 1885(29 Sep and 1 Oct) and 1889(19 Jun) 6 HP strawburning traction engine, no 3306 in 1889 trials. pp 151-154.

EXPERIMENTS BOOK - Steam and Gas Engines. **TR RAN/ET1/2** 1884(10 Jan)-1886(26 Feb)

Bound vol

Contents:

Most entries have detailed technical data of trials and run with varying format according to the engine and the nature of the tractor runs concerned. Contents:

- i. 1884(10-23 Jan) Petroleum burning 10 HP Stone Breaker portable steam engine. 13 trials with various sketches. pp 1-5
- ii. 1884(23 May)-1885(24 Feb) 12 HP compound portable steam engine. 31 trials with a summary

of trial averages. pp 7-20.

iii. 1884(13-26 Nov) "D" portable steam engine. 9 runs with a summary of run averages. pp 21-26.

iv. 1885(22 Jun-3 Jul) 3½ NHP "Otto" gas engine. 8 trials. pp 27-28.

v. 1885(22-23 Jun) Williamson, Malam and Ireland's gas engine. 3 trials with detailed remarks. pp 29-30.

vi. 1885(12 and 17 Nov) 25 HP compound horizontal stationary steam engine on wrought iron girder frame. 2 trials. p 31.

vii 1886(1-26 Feb) Compound portable steam engine - 7 x 11¼ x 14" stroke. A continuation of ii. Trials 32-41. pp 32 and 35-6

FILE concerning experimental military hauling engines, manufactured by RSJ for the War Office. **TR RAN/ET1/3 1902-1904**

Letter to RSJ from Lt. Col. R E Crompton, War Office **TR RAN/ET1/3/i 1902(11 Oct)**

Contents:

Providing technical comments on the lubrication of the engine chain.

Notes on engine weights. **TR RAN/ET1/3/ii 1903(17-18 Feb)**

Summary of engine trials. **TR RAN/ET1/3/iii 1903(12 Jun-21 Oct)**

Contents:

In order of trials. Format per entries - distance, speed, gross load, rate of oil consumption, oil and water per gross ton per mile and remarks.

Letter to Mr Norton from L H Hounsfield "Mechanical Engineer" **TR RAN/ET1/3/iv 1904(8 Sep)**

Contents:

Remitting above summary with comments upon the trials.

PHOTOGRAPH of an RSJ compound condensing experimental military hauling traction engine. **TR RAN/ET1/3/1 c1903**

Mounted

Contents:

Technical details are given on the reverse of the mount.

DETAILS of Plough trials at premises of Thomas Fox. **TR RAN/ET1/4 1838(12 Nov)**

Contents:

There is one trial per plough type, headed by depth and furrow details, and comprising a list of plough draughts with totals. Plough types are:

Suffolk wheel plough with old A3 breast, A5 slade and A16 share; Suffolk wheel plough with 112 lbs added; Suffolk wheel plough with new A3 breast, A2 slade and A16 share; Suffolk wheel plough but worn breast; "A" foot plough with A3 breast, A2 slade and A16 share; Suffolk wheel plough but worn breast; Suffolk wheel plough with 112 lbs added; LH plough with no wheels; BU plough with no wheels; NL plough with wheels; Suffolk wheel plough with 112 lbs added; FF plough; Double furrow plough.

At the front of the book are details of plough measurement and weights for A Foot, L,LL, NL, LH, BU, FF, Essex and Double furrow ploughs.

BUNDLE mainly correspondence, concerning trials of Kent Ploughs. **TR RAN/ET1/5** 1839(19 Aug)-1840(11 Mar)

Contents:

Between J R & A Ransome on one part and either Thomas Bentley, John Oakley or Addis Jackson on the other.

Notes on plough draughts at Rochester trials. **TR RAN/ET1/5/i** 1839(10 Dec)

Contents:

The competitors were JRAR, Oakley and Johnson.

Correspondence with Thomas Bentley, Rochester. **TR RAN/ET1/5/ii** 1839(Oct-Dec)

Contents:

2 letters from Bentley, 2 copy letters from JRAR. Letters dated 29 Oct, 31 Oct, 7 Dec and 21 Dec. That of 7 Dec includes a summary of trials at the Great Hermitage [near Rochester] held 2 Dec. The 3 competitors were Bentley, Hunt and Hewins.

Correspondence with John Oakley, Frindsbury. **TR RAN/ET1/5/iii** 1839(Aug)-1840(Mar)

Contents:

4 letters from Oakley, 1 copy letter from JRAR. Letters dated 1839(19 Aug, 14 Sep) and 1840 (6 Mar, 6 Mar and 11 Mar)

Correspondence with Addis Jackson, Orpington. **TR RAN/ET1/5/iv** 1839(Dec)-1840(Mar)

Contents:

4 letters from Jackson, 2 copy letters from JRAR. Letters dated 1839(9, 20, 25 Dec) and 1840(13 and 22 Feb, 10 Mar)

NOTES with sketches **TR RAN/ET1/6** [c 1840's]

Contents:

On the trial of Suffolk Swing Plough, Suffolk Wheel Plough, Rutland Wheel Plough, Bedfordshire Wheel Plough, Lincolnshire Swing Plough, Lincolnshire Swing LH Plough and RR Double Furrow Plough. Includes weight, draught and soil conditions.

PLOUGH REGISTER **TR RAN/ET1/7** 188[?]-1889

Contents:

For ploughs sent to the Orwell Works from various makers either as samples or for inspection. Compiled 1888(Dec)-1889(Feb) when the items were either broken up or preserved. There are 128 entries, one per page, with the following format. Maker; mark; sent by; date received at Orwell Works; what sent for; date broken up; photograph; whether subsequently made by RSJ or not and mark concerned; beam; handles; breast; share; wheels; height under beam at share; width of share; width of furrow; total length of plough; suitable for; weight as photographed;

remarks. Entries 119-128 are experimental ploughs made by RSJ, marks RE, nil, WP, KC, nil, no 125, PIL, nil, RR and GDND.

REPORT on field test of 4 furrow "Supertrac" PE 760 plough at Akenham Hall (19 Sep). **TR RAN/ET1/8** 1944(22 Sep)

Contents:

Includes details of modifications recommended prior to putting the plough into production.

REPORT on ploughing competition held at Roundwood Farm, Stutton **TR RAN/ET1/9** 1963(1 Apr)

Contents:

(28 May) for RSJ outside staff to determine the desirability of introducing a body which would do whole work for the BPA Competition. The match scorecard is attached. Compiled by J Gass.

FOLDER OF PHOTOGRAPHS concerning experimental agricultural implements tested and mainly manufactured by J and F Howard Ltd. **TR RAN/ET1/10** 1905-1915

Contents:

252 prints, numbered I 1-252 affixed to foolscap sheets. They are not mounted in numerical sequence but nearly all are captioned and dated. Items include full circle horse press; conveyor press; coffee weeder; light single stringstraw trusser; side delivery rake; swath turner; cultivator; spring tine harrow; various ploughs; dingo planter; mealie planter; disc harrow. [the containing folder is an AGE specification cover]

Technical Reference Records - Ransomes Products **TR RAN/ET2** [n.d.]

Arrangement: TR RAN/ET2/1-11 Compilations of General Reference

TR RAN/ET2/3-5 Ploughs and Implements

TR RAN/ET2/6-10 Steam Engineering

TR RAN/ET2/11 Tea Machinery

TR RAN/ET2/12-20 Compilations of Personal Reference

TR RAN/ET2/12 Engineer's Notebook

TR RAN/ET2/13-20 Annotated Publicity

PUBLICITY ALBUM. **TR RAN/ET2/1** 1901-1907

Bound vol

Contents:

Compiled as a reference to RSJ products. The items are in no numerical sequence but are arranged in rough subject divisions, and include various memoranda and MSS notes. The contents are listed below according to album page numbers.

1. Lawn Mowers. PN 4286E, 4268H, 4122E [including note on Motor Lawn Mowers engines for Lassetter, NSW], 4107H, 4284E, 4133E, 3893H, 4245H, 3896E, 3895E.

3. Lawn Mowers. PN 4021E, 4109H.

7. Ploughs and Cultivators. PN 4311E, 4156E, notes on cultivators as supplied to W Lythall, Lymptone and letters to the same re combined steel cultivators, ridger and horse hoe, dated 1901(9 & 21 May).

9. Cultivators. 1901 LEAFLET for cultivator. pp 4
11. Cultivators. PN 3709H
13. Cultivators. PN 3555H
15. Potato Digger. PN 4748H, 4308E, 4207H, 4042H, 3982H, 3981E, 3976H, 3795H, 4498E, 4210E, 3649H. 1905(31 Mar) Memorandum on use of Potato Digger.
17. Potato Planter. PN3370H, and notes on use.
19. Swathe Turner and Swathe Turner/Hay Collector. PN 4294H, 4258H, 4108H, 4629H, 4125H, 3915H, 3917H, 4114H, 3707H.
21. Disc Harrows. PN 3322G and 1905(17 Jan) Letter to Henry, Rogers, Sons & Co, Wolverhampton re price alterations for disc harrow.
23. Ploughs - 707 and RFD. PN 4706E and 3681 E.
25. Ploughs - RFD. PN 3673E
27. Ploughs - Eagle 75. PN 3005E
29. Ploughs. PN 3488G
31. Ploughshares. PN 2538E
33. Ploughs - SALD and Indian. PN 4219E, 3349E.
35. Ploughs - Turf Paring. PN 2992H
37. Steel Harrows, Horse Rakes, Haymakers and Swathe Turners. PN 4271E and 3601E.
39. Hand Force Pump. PN 2830H
41. Winding Machinery. PN 3041E
43. Steam Engines, Traction Engines and Winding Machinery. PN 3204E
- 45 & 47. Donkey Pump. PN 3172E [2 copies]
49. Ploughs - Indian. PN 4211E
Donkey Pump. PN 3185E
51. Tea Rollers and Driers. PN 4400E, 3854E, 3752E with notes on discounts at 1907(10 Jul); memorandum on prices from C J Palmer, 1906(13 Mar); extract from letter to Figeo and de Kruijff, Amsterdam, 1903(2 Jan) and various MSS notes on prices.
53. Tea Driers. PN 3749E
55. Disc Ploughs. PN 4911E and 4276E with notes on packing case sizes.
57. Ploughs - GEDA & GBDA. PN 4077E and 4074E. Tea Rollers. PN 4163E and 3748E
59. Tea Sifter. PN 2221E and 2222E
61. Tea Driers. PN 3513E
63. Tractor Ploughs. PN 5121H
Ploughs - YCP10. PN 4506E with note on prices
20 BHP Motor Tractor
Capstan vertical steam engine. PN 2327 H
65. Steam Thrashing Machines - PN 3855E
67. Steam Thrashing Machines - PN 4086G-3641E
69. Ploughshares. PN 4327E, 4320E, 4436H and 3861H
71. Ploughs. PN 3796H
73. Ploughs. Details of number of miles required to plough an acre of land, according to furrow width.
75. Potato Dibbler. PN 3771H
77. Ploughs. Typed price list for ploughs including packing.
79. Ploughs. South African. PN3788E and typed price list, including packing.
81. Short stroke stationary steam engine. PN 3893G with memorandum from C J Palmer; memorandum of prices, 1901(30 Sep); table of steam pressures; letters to S G Breitmann, Baku, 1905(27 & 28 Oct) and various MSS notes on prices.
83. Lawn Mowers and Motor Lawn Mowers. PN 4416E, 4126H and 3694H with memorandum over motor lawn mowers for Australia 1905(17 Jul) and MSS notes re prices.
85. Ploughs - Egypt. PN 3991E, 3844E.

87. Cultivators, Combined steel Cultivator, Ridger and Horse Hoe, PN 4593H, 4226H, 4206H, 4140H, 3962H [2 copies], 3859H, 4231H, 3849H with various notes on prices and discounts.

89. Ploughs -EC. PN 4644E, 4296E, 4295E, 4156E and note on EC plough weights, 1905(11 Apr), 1905(Aug) LEAFLET on barley thrashing. Board of Agriculture and Fisheries. Leaflet no 149. pp 2. [c 1905] LEAFLET for Cultivators, carts, drays and potato sorter. J. Shores & Co. pp 4

91. Ploughs - Jubilee. PN 4072E

93. Pumping Machinery. Letter to the Harvey Engineering Co, Glasgow and notes. Ploughs - YLDA. PN 4065H and 3688H.

95. Lawn Mower cylinder grinder. PN 4278H
Lifting Jack. PN 4064E

97. Ploughs - South America. PN 4224E, 4192E, 4195E, 4193E, 4194E, 4186E, 4185E. Motor Lawn Mowers. PN 4106E, Motor Lawn Mowers order form [blank specimen]. Letter to The Army and Navy Co-operative Soc. Ltd. Westminster, 1904(28 Jan), enquiry from Australia (1905(17 Jul) and notes on oil consumption.

99. Ploughs, Horse Rakes and Lawn Mowers. PN 4316E, 4272E, 3989E and 3944E.

101. Ploughs - RFDH. PN 4044E

There is an alphabetical index of products at the front of the album. In the front end paper are:

- i. 1901(16 Jan) MEMORANDUM concerning export discount rates and range of horse rake prices.
- ii. 7 CARDS publicising Lawn Mowers, Swathe Turners, Cultivators, Combined Steel Cultivator, Ridger and Horse Hoe, Steam Thrashing Machinery and Portable Steam Engines.

In the back end paper is a card for Horse Rakes. The dates refer to the volume's departmental currency, not the publications.

VOLUME OF PUBLICITY AND NOTES. **TR RAN/ET2/2** 1867

Bound vol

Contents:

Both items are RS. PN 500b and 498. The notes include:

- i. Details of Crosskill's clod crusher.
- ii. Prices of Steam Thrashing Machinery, parts and accessories.
- iii. Details of points for steam ploughs.
- iv. Note of warehouse stock of plough fittings.
- v. Details of ploughshares, and breasts for most marks.

DRAWINGS ALBUM of Ransome plough types, compiled by J E Ransome. **TR RAN/ET2/3** [mid nineteenth century]

Bound vol

Contents:

All drawings are captioned. Contents are:

- i. Ploughs. Types: A wheel, A foot, AC, AD, AL, BM, Bean Drill, DT, FF, H, L, LH, LL, LL with lever, Lowcock's, MM, NN, R, RB, RL, RS, T,T wheel, TL, TRL, V, WIC, WIDT, WSR, YH, YIW, YNWD and 100.
- ii. Plough bodies and Metals. Types: AA, BB, BM, LH, MM, NL, NN, RS, Snap, T, XT and 100.
- iii. Field Implements, Indian Horse Hoe and Indian Cultivator.

Many drawings have subsequently come loose from their mountings. The contents proper are preceded by 3 p of additional items.

P4 [c 1840] DRAWING of a YE? plough.

P5 1854(23 Oct) DRAWING of a Kent turnwrest plough by J E Ransome

- P7 i. [c 1840] ENGRAVING of Ransomes plough no 4 c.
ii. 1834 LEAFLET including engraving of Rutland plough. JRAR pp 1.

DRAWING of a broadshare plough with sheet of notes attached. **TR RAN/ET2/3/1** [c 1840]

SKETCH of Hobb's turf draining plough **TR RAN/ET2/3/2** 1838

Contents:

With notes of measurements.

DRAWING of the general outlines of Ransomes ploughs Mark A. **TR RAN/ET2/3/3** [mid nineteenth century]

DRAWING of outlines of Ransomes plough breasts, Mark A. **TR RAN/ET2/3/4** [mid nineteenth century]

SKETCH of a potato plough **TR RAN/ET2/3/5** [mid nineteenth century]

DRAWINGS ALBUM of Ransomes agricultural implements and other products, compiled by J E Ransome. **TR RAN/ET2/4** [mid nineteenth century]

Bound vol

Contents:

Items include iron safes, chaff cutters, ploughs, winnowing machines, garden pumps, lawn mowers, pig troughs, Finlayson's harrow, Grant's dew rake, Clabon's scarifier, Fuller's extirpator, Bidell's scarifier, Millington's scarifier, Horse Hoes, Claybon's drag harrows, Houghton's harrows, Peachey's mangle, stove range, malt crushers, bean mills, Herbert's coffee mill, printing presses, field rollers, barley rolls, road rollers, sack barrows, steam pressers, carts, turnip cutters, oil cake breakers, portable thrashing machines, corn rick stands, stable fittings, horse rakes, axles, iron bedsteads, umbrella stands, door posters, weighing machines, hayracks, vases, scrapers, inkstands and Porter's drilling machines. Most of the above are uncaptioned but the brief index at the front of the volume serves as a guide. Those ploughs of identifiable types are YUL, YVD and TTH. Some of the plough items are engravings and/or publications, as follows:

- P18 i. [1830's] ENGRAVING of No 3 plough. pp 1
ii. [1830's] ENGRAVING of parts for improved "R" plough. pp 1.
P19 i. [c 1820] ENGRAVING of improved R Plough with double handles and 2 wheels. RSs pp 1.
ii. [c 1830] ENGRAVING of parts for A Ploughs, for export. JRAR. pp 1.
P31 [1830's] ENGRAVING of Swing Ploughs, with and without wheels. pp 1.
P33 i. [c 1820] ENGRAVING of parts for H Plough. RSs. pp 1.
ii. [1830's] ENGRAVING of no 7 Plough. pp 1.
P69. [1830's] PRICE LIST of Ploughs and Parts. pp 1.

Affixed to the back end paper:

[1828] ENGRAVING of sections of Guttering. RM (but apparently dated 1828 in bottom left hand corner).

ALBUM of drawings and engravings of JRAR products. **TR RAN/ET2/5** [c 1840]

Bound vol

Contents:

The sequence of items is haphazard and several have been subsequently removed. Products include various Plough types and Parts, Land Presses, Biddell's Scarifier, Sheep Fold, Lawn Mowers, Horse Power Thrashing Machine, Carts, Water Carts, Sack Barrows, Horse Hoes, Horse Rakes, Drag Rakes, Field Rollers, Whippetrees, Rickstands, Pechey's Mangle, Haymakers, Corn Drill, Turnip Cutters, Chaff Cutters, Cake Breakers, Cultivators, Grubbers, Printing Press, Umbrella Stand, Stoves, Ornamental Ironwork, Steam Excavator, Dressing Machine.

VOLUME of drawings of RSH machinery. **TR RAN/ET2/6** [1870's]

Bound volume

Tracing paper mounted on linen.

Contents:

16 drawings

Compiled for general reference purposes.

Drawing **TR RAN/ET2/6/i** [n.d.]

Contents:

8 HP Portable Single Cylinder Steam Engine. Scale 1½ ins - 1 ft. DE

Drawing **TR RAN/ET2/6/ii** [n.d.]

Contents:

8 HP Portable Single Cylinder Steam Engine with self acting feeding apparatus and straw burning boiler (Head and Schemioth's patent): Scale 1½ ins - 1 ft. DE

Drawing **TR RAN/ET2/6/iii** [n.d.]

Contents:

10 HP Portable Single Cylinder Steam Engine with link motion reversing gear, slow speed governor, special wrought iron crankshaft brackets and feed water tank under boiler: Scale 1½ ins - 1 ft. DE

Drawing **TR RAN/ET2/6/iv** [n.d.]

Contents:

Vertical Steam Engine and Boiler, size G on 4 travelling wheels: Scale 1½ ins 1 ft. Imp.

Drawing **TR RAN/ET2/6/v** [n.d.]

Contents:

16 HP Winding Engine for mines fitted with double winding drums, 6 ft diameter link motion reversing gear and powerful brake: Scale ¾ in - 1 ft. DE

Drawing **TR RAN/ET2/6/vi** [n.d.]

Contents:

15 HP Stationary Steam Engine fitted with automatic governor expansion gear, designed for economising fuel and maintaining constant speed under varying loads and steam pressures: Scale 1½ ins - 1 ft. 2 Imps.

Drawing **TR RAN/ET2/6/vii** [n.d.]

Contents:

AL 1 Portable double blast Combined Finishing Steam Thrashing Machine with 4 ft 6 ins drum width. There is also a loose insert of an AL 1 single blast mechanism: Scale 1½ ins - 1 ft.

Drawing **TR RAN/ET2/6/viii** [n.d.]

Contents:

AH 1 Portable double blast Combined Finishing Steam Thrashing Machine with 4 ft 6 ins drum width. There are also 2 loose inserts of an AH 1 single blast mechanism and an AH 1 Straw Chopper: Scale 1½ ins - 1 ft. DE

Drawing **TR RAN/ET2/6/ix** [n.d.]

Contents:

Improved Winnowing Machine, designed to dress grain as it is delivered from Nicholson's Patent Stripper: Scale 1½ ins - 1 ft.

Drawing **TR RAN/ET2/6/x** [n.d.]

Contents:

- a. Class A Combined Portable Thrashing and Finishing Machine, adapted to the preparation of corn for market: Scale 1 in - 1 ft.
- b. Class B Combined Portable Steam Thrashing Machine without corn screen or other grain sorting apparatus, adapted for continental use: Scale 1 in - 1 ft.

Drawing **TR RAN/ET2/6/xi** [n.d.]

Contents:

- a. Class C Combined Portable Steam Thrashing Machine, without corn screen or other grain sorting apparatus: Scale 1 in - 1 ft.
- b. Class H Combined Portable Steam Thrashing Machine, without corn screen or other grain sorting apparatus, but fitted with straw burning and chopping apparatus to provide fodder for use in hot countries: Scale 1 in - 1 ft.

Drawing **TR RAN/ET2/6/xii** [n.d.]

Contents:

Thrashing Machine components - concave and patent drum with twisted beater. patent cylinder and concaves for chopping and bruising straw.

Drawing **TR RAN/ET2/6/xiii** [n.d.]

Contents:

12 HP Portable Steam Engine driving 3-4 ft Corn Mills, Meal Conveyor, Elevator, Silk Flour Dresser and Sack Tackle: Scale ¼ in - 1 ft.

Drawing **TR RAN/ET2/6/xiv** [n.d.]

Contents:

Arrangement of 20 HP Stationary Steam Engine and 2 Cornish Boilers driving 4 ft flow Corn Mills and Machinery, in order to make fine flour: Scale ¼ in - 1 ft.

Drawing **TR RAN/ET2/6/xv** [n.d.]

Contents:

Arrangement of Corliss Valve Steam Engine, cylinder 16 ins diameter, 36 in stroke with Cornish Boiler, driving 8 pairs of 4 ft stones and machinery to make fine flour: Scale 1/8" - 1 ft.

Drawing **TR RAN/ET2/6/xvi** [n.d.]

Contents:

Arrangement of 20 HP turnbine on 7 ft fall driving three 4 ft Corn Mills and machinery to make fine flour: Scale ¼ in - 1 ft.

BOOKLET. John Head "A few notes on the Portable Steam Engine, with an account of its Construction and General Adaptation". **TR RAN/ET2/7** 1877(Jan)

Contents:

Concerns RSH products with sections on: Expansion Portable and Stationary Steam Engines, Ordinary Portable and Stationary Steam Engines, Portable Straw Burning Steam Engines - Head & Schemioth's Patent; also includes results of trials, general technical tables, testimonials and press extracts. pp 58. pl 22 Tables 3. First Edition.

VOLUME OF PUBLICATIONS **TR RAN/ET2/8** 1877(Jun) and 1878(Jan)

Contents:

Containing different language versions and editions of above booklet. Volume compiled by C J Palmer. Inside the front covers of i-iv are price lists. Nos i-iv were published independently of RSH, whereas v and vi are their own publications.

- i. 1877(Jun) English and PN 1199E - 2nd edition E & F N Spon, London
- ii. 1877(Jun) French and PN 1254E - 2nd edition Schmorl & von Seefeld, Hannover
- iii. 1877(Jun) Spanish and PN 1199E - 2nd edition E & F N Spon, London
- iv. 1877(Jun) German and PN 1199E - 2nd edition Schmorl & von Seefeld, Hannover
- v. 1878(Jan) English - RSH reprint and publication PN 1271E
- vi. 1878(Jan) French - RSH reprint and publication PN 1272E

BOOKLET as i above. **TR RAN/ET2/9** 1877(Jun)

3 copies

Contents:

2nd edition. pp 62.

- i. Cover added at later date and entitled "Notes on the "Old Design" Portable Steam Engine. W G Scott
- ii. Between pp 34 and 35 are MSS instructions for cutting out an old fire box and inserting a new

one. J F Peacock
iii. Unaltered.

BOOKLET. John Head "Einige Bemerkungen über Locomobiler nebst Angaben über deren Construction und Allegemeine Einrichtung" **TR RAN/ET2/10** 1877(Jun)

Contents:

As iv above. German version of the 2nd edition. pp 62 Pl 22 Tables 3

PUBLICITY COMPILATION concerning Tea Machinery. **TR RAN/ET2/11** 1888 and 1901-1906

Contents:

RSJ. Contains, with various MSS annotations, PN 4437E, 4163E, 2222E, 3752E, 3749E, 3748E, 4134E

ENGINEERS NOTE BOOK - William Fletcher. **TR RAN/ET2/12** 1888-1908

Bound vol

Contents:

Commenced 1888(15 Oct). Fletcher's entries cease c 1890 and thereafter the book was used to record details of steel traction gearing. Entries made chronologically. There is an alphabetical subject index at the rear of the volume. Contents:

- i. 1888(15 Oct) Notes on Pumping Machinery used by Star Brush Co Ltd, Eden Grove, London N. pp 1-3 and 19
- ii. 1888(16 Oct) Notes on machinery for Italian Exhibition. Includes Davey Paxman Steam Engine driving Electric Lighting Engines, 2 compound Vertical Steam Engines, 3 50 HP Locomotive Boiler and a 50 HP Compound underneath Stationary Steam Engine. pp 4-6
- iii. 1888(22 Oct) Notes on coding surface of evaporative condenser used by Star Brush Co Ltd. pp 7-9
- iv. 1888(13 Nov) Notes on surface condenser of 40 HP Compaound Stationary Steam Engine [RSJ] with comparisons with Marshall, Ruston and Hornsby models. pp 10-15
- v. 1888[Nov] Calculations concerning double acting mine pump for India - 9" diameter, 14" steam cylinder and 16" stroke. pp 16-18
- vi. 1888[Nov] Calculations concerning 40 HP compound Stationary Steam Engine - channel frame, surface condenser Design no 3. pp 20-23
- vii. 1888(15 Dec) Remarks about 4 different designs of condensers for Steam Engine as vi. pp 24-30
- viii. 1888(21 Dec) Calculations concerning evaporative condenser with air and circulating pump for Steam Engine as vi. pp 31-35
- ix. 1889(1 Jan) List of governor types under review, with accompanying notes. Types cover 1867-1887. pp 36-40
- x. 1889[Jan] Notes concerning design of pump for evaporative condenser. pp 41-42
- xi. 1889(7-10 Jan) Calculations relative to 4 trials of vertical Boiler [Norton type] tests. pp 43-50
- xii. 1889(11 Jan) Remarks and comments on above trials. pp 51-54 and 56-62.
- xiii. 1889[Jan] List of pitches of studs and bolts for steam covers up to 80lbs and 150 lbs pressure. p 55.
- xiv. 1889(19 Sep) Information on the general preparation of patent drawings. pp 63-4
- xv. 1890(2 May) Blank details for Steam Engine supplied to Bar granary of North Metropolitan Tramways Co. p 65
- xvi. [1890] Copy of trials held 1887(13 Oct) of 8 HP compound Traction Engine. p 66

- xvii. 1892(25 Feb) List of sizes of angle irons kept in stock. p 67
- xviii. 1893-1908 Lists of steel gearing for Traction Engines and Road Locomotives. Most entries have details of teeth, pitch, width, face and pattern mark for the different gearing components per engine types. pp 68-80 and 87-98
- xix. 1903(18 Feb) List of weights of main Traction Engine driving wheels, according to Traction Engine HP. p 81
- xx. 1905(23 Mar) List of weights of complete Traction Engine and Road Locomotive. facing p 81.

VOLUME OF PUBLICITY AND NOTES. **TR RAN/ET2/13** 1881-1883

Bound vol

Contents:

J A Harvey. The publications are all RHJ and are in the following sequence.

PN 1718E, 1700E [including notes on Ploughs, Traction Engines, Straw Chopper Apparatus and Steam Thrashing Machine prices. The second section of the catalogue was subsequently removed], 1537E [including notes on Plough prices] 1477E, 1655E, 1485E [including MS notes on Winding Machinery prices], 1703E.

Thereafter are the following MSS notes, by Harvey, preceded by a subject index:

- i. Portable and Semi-Portable Steam Engines - Particulars of parts according to HP, brands of plates used, cut off details, degrees of power table, packing charges for Steam Press, prices of pedestals, wheels, clutch fittings and gauge glasses, particulars of engine wheels.
- ii. Portable and Vertical Steam Engines - Particulars of flywheels.
- iii. Electric Lighting Engines - Details and Prices
- iv. Sugar Mill Machinery Gearing - Details and Prices
- v. Locomotive multitubular Boiler - General details and parts particulars with prices, according to HP.
- vi. Traction Engines - Particulars according to HP
- vii. Vertical Crosstube Boiler - Parts particulars according to HP
- viii. Vertical Multitubular Boiler - Details and parts particulars according to HP
- ix. Vertical Steam Engine and Boiler - General prices and weights, packing charges and crankshaft particulars.
- x. Electric Lighting Engine - General prices and gearing particulars
- xi. Straw burning apparatus - General details for Rustons, Marshalls and Clayton and Shuttleworth
- xii. Stationary Steam Engine - Particulars of parts according to HP, prices and packing charges for horizontals, price of wrought iron chimney.
- xiii. Cylindrical Multitubular Boiler - Details and parts particulars according to HP
- xiv. Steam Thrashing Machinery - Main driving belt particulars, straw chopping Steam Thrashing Machinery prices, prices and particulars of driving straps and machine straps.
- xv. Silk dressing mills - particulars according to reel lengths
- xvi. Corn Mills - Particulars according to parts and Dressing Machine details
- xvii. Steam Engines - Prices of shafting, plummer blocks and couplings
- xviii. Winding Machinery - Gear (Blaise Macdonalds) particulars according to HP, ditto heavy gear (Chabot), ditto light gear (Sopwiths), winding Steam Engine with steel gearing details and prices, ditto direct acting winding Steam Engine, very light winding gear prices
- xix. Pumping Machinery - weights of centrifugal pumps, portable pumping Steam Engine details and parts particulars
- xx. Dutch Government Boiler regulations
- xxi. Pulsometers - Details of Boiler HP required
- xxii. Mortar Mills - Details
- xxiii. Customs Duty Details - Austro-Hungary, Belgium, France and Germany

xxiv. Details of payment by foreign customers
xxv. Details of working of patents in foreign country
xxvi. Conversion memoranda for weights and measures - home and foreign (Russia, Spain and Germany)
Affixed to the front end paper is a distribution list for PN 1825E.

VOLUME OF PUBLICITY AND NOTES. **TR RAN/ET2/14** 1869, 1874-5

Bound vol

Contents:

John Head. The publications are all RSH and are in the following sequence.

PN 1100E, 1037E, 1090, 1048E, 1027, 711, 1092

Thereafter there are the following MSS notes by Head thus:

- i. General particulars of Portable Steam Engines and parts according to HP
- ii. Particulars of Steam Thrashing Machinery prts, according to machine type.
- iii. Prices of Steam Engine pulleys, wrought iron shafting, plumber blocks, couplings, driving straps, leather belting and winding machinery.
- iv. 4 estimates for Steam Power Corn Mill Machinery
- v. German weights and measures [Press Cuttings]
- vi. Prices of Clayton & Shuttleworth stationary Steam Engines
- vii. Particulars of Marshall Horizontal Stationary Steam Engine with Cornish Boiler

PUBLICITY COMPILATION. **TR RAN/ET2/15** 1889 and 1900-1933

Contents:

W N King. RSJ. Containing:

PN 6347E, 2327H, 9978E, 8269E, 8160G, 6099E, 6056G, 11529E, 3640E.

There are various MSS notes and annotations of a technical nature including references to drawing nos. Between pp 52-3 is inserted:

- i. 1924(Apr) LEAFLET for coupled compound Stationary Steam Engine, Ruston & Hornsby Ltd. pp 4.

PUBLICITY COMPILATION. **TR RAN/ET2/16** 1900-1927

Contents:

W N King. RSJ. Containing:

PN 7650G, 6099E, 3813E, 3785E, 3640E, 8768E

There are numerous annotations and inserts, mainly dimensions and specifications, including references to drawing and photograph numbers. Between pp 64-5 are inserted:

- i. [c 1924] CATALOGUE EXTRACT for "JN" portable vertical Boiler and automatic "AQ" circular log cross-cut saw. Haighs (Oldham) Ltd. pp 7-8 only.
- ii. [c 1924] PARTICULARS of vertical cross tube Boiler. Herbert Morris Ltd. pp 2

PUBLICITY COMPILATION. **TR RAN/ET2/17** 1901 and 1909

Contents:

W N King. RSJ. Containing:

PN 5190G, 3803G with various technical MSS notes and annotations.

CATALOGUE PN 1980E with price lists. **TR RAN/ET2/18** 1886

Contents:

C J Palmer. With additional notes and items including:

Details of HB and HB2 Ploughs, weights of Eagle Ploughs, PN 2008E, PN 1995, Traction Engine prices and parts particulars, Cornish Boiler weights. 1884(Jan) LEAFLET for "Eureka" combined scouring and separating machine for milling. Howes & Ewell. pp 2 [incomplete]

The assemblage dates to 1886(5 Mar) according to the cover.

VOLUME OF PUBLICITY. TR RAN/ET2/19 1857 and 1859

Bound vol

Contents:

Thomas Parkes. All the items are RS and are in the following sequence:

[c 1859] Diagram of Biddell and Balk's Steam Boiler. Foldout.

Subsequently coloured [MSS price list attached] PN9, [MSS price list for Portable and Stationary Steam Engines attached], 10.

[c 1859] BOOKLET for Steam Ploughing Equipment. Includes Plough Engines, Windlass Gear, Eddington's Windlass, Water Carts, Anchors, Balance Ploughs, Balance Scarifiers, Trenching Plough, Rope Porters. Also Steam Thrashing Machinery. Together with judges' reports and testimonials. Sold by John Fowler Jnr. London. Manufactured by RS. pp 32.

Thereafter are the following MSS notes by Parkes:

- i. List of sales at Amsterdam Exhibition 1857 stating purchaser, address and purchase.
- ii. List of machinery exhibited at Zaandam Show, 1859, stating English weight, French weight and cost, as delivered via London, in Lsd and Guilders.

PUBLICITY COMPILATION. TR RAN/ET2/20 1901 and 1905**Contents:**

W G Scott. RSJ. Containing:

PN 4309G [The estimate is here made out to McCluie and Whitfield, Stockport] 3670G [2 price lists and 1 catalogue]

Also contains various MSS notes and:

1906(26 Nov) MEMORANDUM concerning parts for vertical Steam Engines.

Technical Reference Records - General **TR RAN/ET3** [n.d.]

Arrangement: TR RAN/ET3/1-8 General
TR RAN/ET3/9-18 Ploughs and Implements
TR RAN/ET3/11 Ploughs
TR RAN/ET3/12-18 Reapers and Mowers
TR RAN/ET3/19-25 Steam Engines
TR RAN/ET3/20-23 Steam Ploughing
TR RAN/ET3/24-25 Traction Engines
TR RAN/ET3/26 Gas Engines
TR RAN/ET3/27-32 Lawn Mowers
TR RAN/ET3/33-34 Tea Machinery

BOOK OF GEOMETRICAL DEFINITIONS TR RAN/ET3/1 [c 1850]

Bound vol

Contents:

Compiled by Robert C Ransome. The arrangement is definitions, problems and worked solutions to problems. The sectional headings employ fine penmanship.

VOLUME OF TECHNICAL PUBLICATIONS **TR RAN/ET3/2** 1865-1877

Bound volume

Contents:

By James Edward Ransome and John Head. There are 5 publications bound together in chronological order.

James Edward Ransome "Ploughs and Ploughing" - A lecture delivered at the Royal Agricultural College, Cirencester". **TR RAN/ET3/2/i** 1865

Contents:

Reprinted from "Practice with Science" Part 1 (1865(Jul)). Contains a brief history of ploughing and general technical remarks. pp 54

James Edward Ransome "Double Furrow Ploughs". **TR RAN/ET3/2/ii** 1872

Contents:

The lecture delivered at the Framlingham Farmers Club, 1872(22 Jan), with an abstract of the subsequent discussion. pp 30

John Head "On the Rise and Progress of Steam Locomotion on Common Roads" **TR RAN/ET3/2/iii** 1873

Contents:

Excerpt Minutes of the Proceedings of the Institution of Civil Engineers Vol XXXVI, 1872-3, edited by James Forest (Secretary) with an abstract of the discussion upon these papers. Concerns driving wheels, passenger Steam Engines, street locomotives for passengers, goods Road Locomotives, Road Rollers, Steam Ploughing Engines, Military Road Locomotives. Manufacturers include Charles Burrell; W Tennant; Chaplin & Co; RSH; Aveling & Porter; J Fowler & Co; Clayton, Shuttleworth & Co; Manning, Wardle & Co; There are 8 appendices concerning details, haulage costs and amounts of work done. pp 69. pl 17.

John Head. "On the Combustion of Refuse Vegetable Substances" **TR RAN/ET3/2/iv** 1877

Contents:

Excerpt Minutes of the Proceedings of the Institution of Civil Engineers Vol XLVIII, 1876-7 Part II, edited by James Forest (secretary) and with an abstract of the discussion upon this paper. Concerns the use of steam boilers to burn straw, stalks and brushwood, especially the Head and Schemioth apparatus. pp 31 pl 3

John Head. "A Few Notes on the Portable Steam Engine, with an Account of its Construction and General Adaptation". **TR RAN/ET3/2/v** 1877(Jan)

2 copies

Contents:

Concerns RSH products with sections on expansion Steam Engines (Portable and Stationary), ordinary Portable and Stationary Steam Engines, Straw Burning Portable Steam Engine - Head & Scemioth's Patent. Also includes results of trials. General technical tables, testimonials and press extracts. pp 58. pl 22. tables 3 First Edition

BOOKLET. **TR RAN/ET3/2/1** 1873

Bound vol

Contents:

A separate copy of item iii above

PRESS CUTTINGS ALBUM **TR RAN/ET3/3** 1891-4

Bound vol

Contents:

"Engineering Papers" Series Vol I Part I. The series was compiled as a means of technical reference from engineering papers not kept in RSJ's Works Library. The volume includes both articles and illustrations and is paginated with a brief contents list at the front. Contents:

- i. Steam Engines pp 1-4
- ii. Vertical Steam Engines pp 20-26
- iii. Steam Boilers pp 27-32
- iv. Engine and Boiler Accessories pp 53-58
- v. Shop Tools and Lathes pp 78-84
- vi. Agricultural Implements pp 104-110
- vii. Miscellaneous pp 130-134

Sources are "Electrical Plant", "The Electrical Engineer", "The British Trade Journal", "The Electrical Review", "Machinery", "The Ironmonger", "The Implement and Machinery Review", "Lightning", "The Engineer".

PRESS CUTTINGS ALBUM **TR RAN/ET3/4** 1885-1901

Bound vol

Contents:

"Engineering Papers" Series Vol I Part 2 Illustrations and drawings only. [no articles] The pagination is continued from Part 1. Contents:

- i. Steam Engines pp 162-232
Horizontal Stationary, Vertical, Winding and Winches, Rotary, Pumping-Direct, Pumping-Rotary. (Rotary and Centrifugal (These sections are represented in the index but have no items in the album.)), Air compressors with blowers, (Others (Beam, Multi Cycle etc) (These sections are represented in the index but have no items in the album.)) (Steering Gears (These sections are represented in the index but have no items in the album.)) [plus Corliss on P317]
- ii. Steam Engines and Boilers pp 246-314
Portable (Semi-Portable (These sections are represented in the index but have no items in the album.)) Traction (Vertical Boilers with Engines (These sections are represented in the index but

have no items in the album.)), Cranes Winding Engines (Road Rollers (These sections are represented in the index but have no items in the album.)) (Steam Ploughs (These sections are represented in the index but have no items in the album.)) Others.

Sources are "The Engineer", "Engineering", "Industries", "Iron Age", "The Engineering and Mining Journal", "Iron", "Engineering News", "The Mining Journal", "The Electrician", "Revue Industrielle" and "The Ironmonger's Chronicle". Some items are extracts from various manufacturers own advertisements and publicity.

PRESS CUTTINGS ALBUM **TR RAN/ET3/5** 1881-1910

Bound vol

Contents:

"Engineering Papers" Series Vol 2 Part 1. Illustrations and drawings only [no articles]. Contents:

i. Steam Boilers pp 1-39

Portable and Locomotive, Horizontal Flued, Horizontal Tubular, Vertical Flued Vertical Tubular, Others.

ii. Boilers Parts and Accessories pp 40-75

Mechanical Stokers, Boiler Parts, Safety and Reducing Valves, Sundry Fittings Feed Water Heaters and Condensers, Injectors, Feed Pumps.

iii. Engine Parts and Accessories pp 78-97

Pistons, Rod Packing Bolts, Governors and Slide Valves, Oil Lubrication and Cans, Speed Indicators, Steam Traps.

iv. Sundry Motors pp 98-112 and 128-9

Gas Engines, Hot Air Engines, Hydraulic Rams, High Pressure Water Engines, Compressed Air Engines, Low Pressure Turbines.

v. Pumps pp 114-119

Centrifugal, Rotary, Barrel, Steam Pumps.

vi. Miscellaneous pp 122-127 and 144

Cocks and Valves, Water Meters, Gas Regulators, Electrical Capstans and Winches.

Sources are the same as TR RAN/ET3/4.

PRESS CUTTINGS ALBUM **TR RAN/ET3/6** 1892-1908

Bound vol

Contents:

"Engineering Papers" Series Vol 2 Part 2. Illustrations and drawings only [no articles]. The pagination is continued from Part 1. The content is according to the formula for Part 1, but there is much less material here and many sub sections are blank. The album is a continuation for items of a later date when their respective section in Vol 2 Part 1 became full. The sources are the same as Part 1.

PRESS CUTTINGS ALBUM **TR RAN/ET3/7** 1890-1900

Bound vol

Contents:

"Engineering Papers" Series Vol 3 Part 2. Illustrations and drawings only [no articles]. The pagination is a continuation of Vol 3 Part 1, now lost. The contents list given represents the formula for Part 1 but like Vol 2 Part 2 the actual items contained are few in number and represent

a continuation of the full sections in Part 1. The sections represented here are:

- i. Pulleys (Pulleys, Gearing, Friction Clutches)
- ii. Lathes and Planing Machines
- iii. Forging Machinery
- iv. Grinding Apparatus
- v. Hydraulic Pumps and Presses
- vi. Lawn Mowers

The sources are the same as above.

PRESS CUTTINGS ALBUM **TR RAN/ET3/8** 1882-1902

Bound vol

Contents:

"Engineering Papers" Series. Vol 4. Illustrations and drawings mainly with a few articles. Contents: Thrashing Machines and Chaff Cutters; Flour Milling Machinery; Ploughs and Potato Diggers; Rakes; Haymakers and Seed Drills; Harrows; Sugar Machinery; Bricks and Brick Machinery; Rock Drills and Mining Tools; Corrugated Iron Rails and Springs; Turntables and Tipwagons; Electric Machinery; Goldmining Machinery; Lawn Mowers and Garden Implements; Hydraulic Machinery; Miscellaneous.

The sources are the same as above, though there are more publicity extracts than journal sources represented here.

LITERARY MANUSCRIPT. W L Rham "Essay on Agricultural Mechanics". **TR RAN/ET3/9** [early 1840's]

Bound vol

Contents:

This is apparently a copy of Rham's MSS which he remitted to Ransomes [probably J A Ransome] for comment. The MSS proper is on the right hand pages whilst subsequent comments are on the left hand pages. The MSS includes illustrative sketches. The essay includes an introduction and refers to draining ploughs, Finlayson's Harrows, Biddell's Scarifier, Field Rollers, Clod Crushers, Land Presses, Broadcast Corn Distributors, Corn Drills, Dibbling Machines, and Horse Hoes, Reapers, Mowers, Haymakers, Thrashing Machines, (various motive powers), Winnowing Machine, Barley Awner, Chaff Cutters, Turnip Cutters, Brusing Mills and the general application of steam power. There is no indication of the essay being published as a monograph by the author.

LETTER to Robert Ransome from William L Rham, Winkfield, Berks **TR RAN/ET3/9/1** 1841 (12 Jan)

Contents:

Concerning the latter's development of a dibbling machine and his article on ploughs. [Associated with above MSS]

BOOKLET "De L'Agriculture en Quinconce au Moyen d'un nouveau systeme d'instruments" - second instalment. **TR RAN/ET3/10** 1854

Language: French

Contents:

An extract from "Annales de l'agriculture française" 1854. Concerns scarifiers and dibblers. pp 22. A manuscript translation in English has been bound in and the text of the original includes underlinings of words of uncertain meaning.

CUTTINGS ALBUM - Ploughs. **TR RAN/ET3/11** 1862-1877

Bound vol

Contents:

Sources are manufacturers publicity and press advertisements. Compiled by J E Ransome. The contents are mainly for the 1870's. Nearly all the cuttings are captioned dated and where the source is a firm's publicity, their PN is often given. The arrangement of the album is spasmodically under manufacturers. There is an alphabetical index of certain manufacturers only at the front subdivided per manufacturers into plough types represented. Manufacturers are: Abbot & Co; W Ball and Sons; Buckingham; Baker & Co; Coleman and Moreton; S Corbett and Sons; Corbett and Peele; Davey, Sleep & Co; J Eddy; Hawkes & Spencer; Hornsby & Sons; J & F Howard; G W Murray & Co; Mellards Trent Foundry; Pirie; R & J Reeves; RSH; Vipan and Headly; E Page & Co; Cooke; T Ashley & Sons; John Davey; Thomas Hunter; Levesque & Son.

VOLUME OF PRINTED PATENT SPECIFICATION DRAWINGS for reaping and mowing machines. Vol 1. **TR RAN/ET3/12** 1786-1852

Bound vol

Contents:

The drawings were taken either from actual printed specifications or were reprints as in the various technical journals and publications. The order within the volume is slightly haphazard and the drawings are affixed to linen backed paper mountings. The patent number is stated below when the source is the printed specification. No texts or descriptions are included. The drawings proper are preceded by a table illustrating the forms and movements of the cutters of reaping instruments. The tables contents are 1807-1852 and are divided between rectilinear motion and circular motion.

Date Patentee(s) Patent No

1799(Jul) Boyce 2320

1786 Pitt -

1799 Walker -

1800(May) Meare 2400

1805(Jun) Plucknett 2873

1806 Gladstone -

1807 Plucknett -

1807 Salmon -

1811 Smith -

1811(Jul) Cummings 3464

1814(Sep) Dobb 3838

1815 Scott -

1811 Kerr -

1815 Gladstone -

1820 Mann -

1823 Bailey -

1822 Ogle -

1826 Bell -

1826 Gladstone -
1851 Garret -
1852 Mason -
1830(Aug) Budding 6081
1839(Aug) Springer [Austrian Patent]
1840(Nov) Ducan 8757
1841(May) Phillips 9051
1843(Jul) Phillips 9899
1846(Aug) Gibson 11436
1847(Oct) Lillee 11984
1849(Dec) Whitworth 12988
1850(Dec) Brooman 13476
1851(Dec) Exall 13912
1852 Harkes -
1852 Gampertz -
1852 Wray -
1852(Jan) Stacey 13910
1852(Jan & Oct) Dray 13924 and 245
1852(Feb & Oct) Ridley 13962 and 193
1852(Jul & Oct) Poole 14201 and 169
1852(Sep & Oct) Smith 14296 and 79
1852(Oct) Randell 14319
1852(Oct) Brooman 14321
1852(Oct) Crosskill 221
1852(Oct) Fowler 482
1852(Oct) Newton 579
1852(Nov) Phillips 626
1852(Nov) Hussey 697
1852(Nov) Johnson 726
1852(Dec) Birch 1155

VOLUME OF PRINTED PATENT SPECIFICATION DRAWINGS for reaping and mowing machines. Vol
2. **TR RAN/ET3/13** 1853-1858

Bound vol

Contents:

As above, but the sources are all the printed specifications, the contents are mainly in chronological order and there is no table at the front.

Date Patentee(s) Patent No

1853(Jan) Brinsmead 171
1853(Feb) Francis 399
1853(Feb) Frost 422
1853(Mar) Bellford 624
1853(Apr) Brooman 956
1853(Apr) Underhay 1006
1853(Apr) Kealy 1048
1853(May) Kingston 1058
1853(May) Mazier 1156
1853(May) Johnson 1151
1853(Jun) Patterson 1567

1853(Aug) Harkes 1931
1853(Aug) Newton 2020
1853(Sep) Wright 2048
1853(Sep) Austin 2206
1853(Dec) Patterson 2824
1854(Jun) Phillips 1380
1854(Jul) Huckvale 1645
1854(Aug) Burgess 1788
1854(Nov) Baxter 2337
1854(Nov) Russell 2458
1854(Dec) Dietz & Dunham 2746
1854(Mar) Fontainemoreau 566
1855(May) Shanks 1147
1855(Sep) Palmer 2120
1855(Nov) Robertson and Henry 2462
1855(Nov) Jonquet 2656
1855(Dec) Tolhausen 2859
1856(May) Campbell 1049
1856(May) Newton 1268
1856(Jul) Newton 1728
1856(Jul) Marie 1746
1856(Aug) Green 1831
1856(Dec) Thurlow 3028
1857(Mar) Newton 636
1857(Mar) Thomson 736
1857(Mar) Lewis 768
1857(Apr) Wardell 904
1857(Jun) Newton 1633
1857(Jun) Charlwood 1707
1857(Jul) Burgess 1889
1857(Jul) Gill 1923
1857(Jul) Clark 1956
1857(Jul) Newton 2003
1857(Sep) Bell 2291
1857(Oct) Harwood 2759
1858(Feb) C & G Johnson 259
1858(Mar) Clark 538
1858(Apr) Clark 720
1858(Apr) Seaman 920
1858(May) Wardell 975
1858(Jun) Luis 1236
1858(Jun) Ferrabee 1277
1858(Jun) Luis 1453
1858(Jun) P P C & B Barrat 1469
1858(Oct) Marcus 2308
1858(Oct) Drummond 2424
1858(Dec) Newton 2784
1858(Dec) Newton 2980
1858(Dec) Robin 3000

VOLUME OF PRINTED PATENT SPECIFICATIONS DRAWINGS for reaping and mowing machines. Vol
3. **TR RAN/ET3/14** 1859-1862

Bound vol

Contents:

As Vol 2 above.

Date Patentee(s) Patent No

1859(Jan) Trotter 156
1859(Feb) Newton 431
1859(Feb) Burgess 522
1859(Mar) Hellard 626
1859(Apr) Whitaker 971
1859(Apr) Cranston 1075
1859(May) Bamlett 1148
1859(Jun) Green 1384
1859(Jun) Eddy 1399
1859(Jun) Deas 1461
1859(Jun) W & J Wray 1545
1859(Jul) Munn 1656
1859(Jul) Cranston 1690
1859(Aug) Suwerkrop 1817
1859(Aug) Bell 1955
1859(Oct) Burgess 2336
1859(Nov) Koch 2511
1859(Nov) Burgess 2568
1859(Nov) Samuelson & Mainwaring 2706
1859(Dec) J R & H Thomson 2799
1860(Feb) Harwood 380
1860(Feb) J & J Gillespie 516
1860(Mar) A & J G Crosskill 825
1860(Apr) Bamlett 924
1860(May) Nicholson 1216
1860(Jun) Cranston 1394
1860(Jun) G Hand and J Joslin 1416
1860(Jun) Dray & Gardher 1468
1860(Jun) Creaser 1541
1860(Jul) Bamlett 1730
1860(Jul) Nicholson 1849
1860(Oct) Sootheran & Carr 2404
1860(Oct) Samuelson 2426
1860(Oct) Bayne 2582
1860(Nov) Lancaster 2709
1860(Nov) Mainwaring 2870
1861(Jan) Belfield 8
1861(Feb) R & W Cuthbert 452
1861(Mar) Tolhausen 523
1861(Mar) Ridley 696
1861(Apr) Newton 822
1861(May) Gilbee 1249
1861(May) Stevens 1279

1861(May) Savage 1347
1861(Jun) Hansome 1379
1861(Jun) Gedge 1502
1861(Jun) Bragg 1667
1861(Jul) Cranston 1857
1861(Jul) Ash 1898
1861(Sep) Samuelson 2314
1861(Oct) Newton 2576
1861(Nov) Gibson 2884
1861(Nov) Broom 2896
1861(Nov) Burgess 2957
1861(Nov) Newton 2989
1862(Jan) Burgess 160
1862(Jan) Wallace 172
1862(Feb) Bamlett 311
1862(Feb) Brooman 496
1862(Feb) Cranston 511
1862(Mar) Hunter 718
1862(Mar) Cranston 904
1862(Apr) Dennison 1136
1862(Apr) Childs 1258
1862(Apr) Newton 1262
1862(May) Worby 1573
1862(Jun) Newton 1690
1862(Jun) Ingle 1732
1862(Jun) Haseltine 1845
1862(Aug) Ralph 2218
1862(Nov) Shanks 3031

VOLUME OF PRINTED PATENT SPECIFICATION DRAWINGS for reaping and mowing machines. Vol
4. **TR RAN/ET3/15** 1863-1866

Bound vol

Contents:

As Vol 2 above, except that the drawings for 1865 are bound in reverse order of date (Dec-Jan).

Date Patentee(s) Patent No

1863(Jan) Ransome 21
1863(Jan) Crichley 260
1863(Mar) Parsons 598
1863(Mar) Brigham and Bickerton 751
1863(Apr) Bamlett 874
1863(Apr) Cornes and Davis 1022
1863(May) Barnard, Bishop & C & G Barnard 1248
1863(Jun) Mainwaring 1503
1863(Jun) Burgess 1574
1863(Jul) Hornsby & Phillips 1761
1863(Aug) Gray 1984
1863(Aug) McCormick 2055
1863(Sep) Burgess 2329
1863(Oct) Brigham & Bickerton 2695

1863(Dec) Hornsby & Phillips 3054
1863(Dec) Cranston 3095
1864(Jan) Shaw 187
1864(Jan) Brown, Le Grand Kruffen and Dodge 213
1864(Mar) Barber 726
1864(Apr) Peters & Harkes 915
1864(May) Fletcher 1240
1864(Jul) Crichley 1687
1864(Jul) Bamlett 1697
1864(Jul) Cranston 1794
1864(Aug) Childs 1998
1864(Aug) Brenton 2006
1864(Oct) Winton 2418
1864(Oct) Bousfield 2442
1864(Oct) Hornsby 2615
1864(Dec) Burgess 3043
1865(Dec) Bamlett 3142
1865(Nov) Mainwaring 2875
1865(Sep) Sheldon 2422
1865(Sep) Burgess 2324
1865(Sep) Brigham & Bickerton 2310
1865(Jun) Burgess 1503
1865(May) Mainwaring 1371
1865(Feb) Barber 384
1865(Jan) Newton 200
1866(Feb) Sims, Beard & Burns 368
1866(Apr) Lord and Norfolk 1096
1866(May) Bünger 1414
1866(Jun) Whitaker 1621
1866(Jun) Hornsby 1738
1866(Aug) Smith 2108
1866(Sep) Baker 2254
1866(Sep) Brown 2274
1866(Sep) Burgess 2314
1866(Sep) Hornsby & Phillips 2523
1866(Oct) Mainwaring 2689
1866(Nov) Newton 2903
1866(Nov) Wardlaw 3031
1866(Nov) Howard & Bousefield 3050
1866(Nov) Norfolk 3128
1866(Dec) Haseltine 3186
1866(Dec) Turner 3220
1866(Dec) Robertson & Waddell 3236
1866(Dec) Howard 3368
1866(Dec) Exall 3436

VOLUME OF PRINTED PATENT SPECIFICATION DRAWINGS for reaping and mowing machines. Vol
5. **TR RAN/ET3/16** 1867-1869

Bound vol

Contents:

As Vol 2 above.

1867(Jan) Hill 107
1867(Jan) Haseltine 228
1867(Feb) Brigham & Bickerton 371
1867(Mar) Garrard 588
1867(Mar) Howard & Bousefield 918
1867(May) Cranston 1499
1867(May) Affleck 1563
1867(May) Burgess 1585
1867(Jul) Brown & Lillee 2162
1867(Aug) Bamlett 2260
1867(Aug) Frow 2367
1867(Sep) Howard & Bousefield 2507
1867(Oct) Mitchell 2763
1867(Oct) Pidgeon & Mainwaring 2905
1867(Dec) Hornsby & Phillips 3441
1868(Jan) Hodgson & Dodd 133
1868(Feb) Newton 394
1868(Feb) Newton 586
1868(Mar) Brigham & Bickerton 750
1868(Mar) Mainwaring 1037
1868(Apr) Shillington 1221
1868(May) Brown 1549
1968(May) Murray 1608
1868(May) H & G Kearsley 1748
1868(Jun) Hemington 1982
1868(Jun) J & A Douglas 2020
1868(Jun) Burgess 2025
1868(Aug) Mills 2444
1868(Oct) Henwood 3023
1868(Oct) Warner 3225
1868(Nov) Lake 3610
1868(Nov) Bamlett 3615
1868(Dec) Hornsby & Phillips 3683
1868(Dec) Kotzo 3770
1868(Dec) Norfolk 3790
1869(Jan) Jellyman 97
1869(Jan) Newton 114
1869(Jan) Howcroft & McGregor 131
1869(Feb) Thomas 431
1869(Feb) Osborn 541
1869(Feb) Griffin 577
1869(Mar) Howcroft & McGregor 658
1869(Apr) Jack 1272
1869(Apr) Clark 1273
1869(May) Perkins 1369
1869(May) Murray 1406
1869(May) Foster 1578
1869(Jun) Underhill & Smith 1819

1869(Jun) Hornsby & Phillips 1851
1869(Jul) Walker 1977
1869(Aug) Mainwaring 2358
1869(Aug) Osborn 2374
1869(Aug) Tenwick 2400
1869(Sep) Newton 2622
1869(Sep) Lake 2826
1869(Oct) Osborn 2977
1869(Oct) Rignall 3078
1869(Nov) Shaw 3383
1869(Nov) Howard & Bousefield 3437
1869(Nov) Hornsby & Phillips 3471
1869(Dec) W T & J M McKenzie 3711

VOLUME OF PRINTED PATENT SPECIFICATION DRAWINGS for reaping and mowing machines. Vol
6. **TR RAN/ET3/17** 1870-1871

Bound vol

Contents:

As Vol 2 above.

1870(Jan) Lake 59
1870(Jan) Lake 213
1870(Jan) Lake 251
1870(Feb) Lake 321
1870(Feb) Tenwick 374
1870(Feb) Hunt 461
1870(Feb) Osborn & Fawcett 502
1870(Mar) Griffin 635
1870(Mar) Fell 669
1870(Mar) Frow 699
1870(Mar) Smith 932
1870(Apr) Oatey 1161
1870(Apr) Bousefield 1170
1870(May) Williams & Talcott 1405
1870(Jun) Lewis 1699
1870(Jun) Fox, Larchin & Dodd 1760
1870(Jun) Bamlett 1765
1870(Jun) Hampson & Higson 1834
1870(Jul) Bourne 1909
1870(Aug) Howard & Bousefield 2295
1870(Aug) Goulding & Hill 2329
1870(Aug) Pidgeon & Mainwaring 2372
1870(Sep) Griffin 2443
1870(Oct) Bamlett 2734
1870(Oct) W J & C T Burgess 2801
1870(Dec) Read 3237
1870(Dec) Brice and Scantlebury 3283
1871(Jan) Lake 7
1871(Mar) R & R Bickerton 567
1871(Mar) Tenwick 626

1871(Mar) Yull & Griffin 711
1871(Mar) J & R Brigham 815
1871(May) Griffin 1324
1871(Jul) Smith 1726
1871(Jul) Hornsby & Phillips 1798
1871(Jul) Wray 1884
1871(Sep) Griffin 2397
1871(Oct) Furness 2641
1871(Oct) Ball 2646
1871(Oct) Lawson 2872
1871(Nov) Denton 2981
1871(Nov) Osborn 2994
1871(Nov) Castle & Turton 3125

PRESS CUTTINGS ALBUM - Reapers and Mowers. **TR RAN/ET3/18** 1869-1872

Bound vol

Contents:

In chronological order. It includes articles, reports of trials and meetings, letters, advertisements, illustrations and technical data. The following manufacturers are included: Burgess and Key; The Beverley Iron and Wagon Co Ltd; Walter A Wood; Samuelson & Co; A C Bamlett; Picksley, Sims & Co Ltd; R Hornsby & Sons; Josiah le Butt; Foster & Sons; Brigham and Bickerton; Kemp, Murray and Nicholson; R Cuthbert & Co; J & T Young; Underhill; T Perkins; W Affleck; R L McTaggart; John Richardson; William Wray & Son; J & F Howard; A & J Mann & Co; Amies, Barford & Co; Hunt & Pickering; H & G Kearsley; Hellard; Lillie and Elder: Sources are "Bell's Weekly Messenger", "The Mark Lane Express and Agricultural Journal", "The Farmer", "North British Agriculturist", "Chamber of Agriculture Journal and Farmers' Chronicle", "The Gardners' Chronicle and Agricultural Gazette" and "Newcastle Courant".

At the rear of the volume there is a mounted copy of

i. 1865(Mar) CATALOGUE of Plough Accessories and Whippletrees: RS: pp 48. PN 320

TWO DIAGRAMS **TR RAN/ET3/19** 1848(Sep)

Two coloured, linen mounted engravings by John Emslie in a cloth board cover.

Contents:

- i. Double Action Condensing Stationary Steam Engine
- ii. Locomotive Steam Engine

PRESS CUTTINGS ALBUM - Steam Ploughing and Cultivation. **TR RAN/ET3/20** 1861(Jan)-1863(Apr)

Bound vol

Contents:

In chronological order. Includes articles, reports of trials and meetings, advertisements, illustrations and technical data. The following systems/apparatus and manufacturers are included: J Fowler; J & F Howard; W Smith; Beard; Robey & Co; J E Kirby; Brown and May; E Hayes; Fisker; J & F Hancock; F & A Roberts; J A Williams; B D Taplin & Co; Coleman & Sons; Tuxford & Sons; Charles Clay; Clayton, Shuttleworth & Co; Kirby and Barrows; P & H Gibbons; RS; Charles Burrell;

Richard Garrett & Son; W Steevens; Collinson Hall; W Savory & Son: Sources are "Bell's Weekly Messenger", "The Gardners' Chronicle and Agricultural Gazette" and "The Mark Lane Express and Agricultural Journal".

PRESS CUTTINGS ALBUM - Steam Ploughing and Cultivation. **TR RAN/ET3/21** 1863(Apr)-1864(Dec)

Bound vol

Contents:

A continuation of the above. In chronological order. Includes the following systems/apparatus/manufacturers: J & F Howard; J Fowler & Co; W Smith; Barrows and Carmichael; W Steeven; Coleman & Sons; Collinson Hall; W Savory & Son; E Hayes; Charles Clay; Aveling & Porter; RS; Tuxford & Sons; Charles Burrell: Sources are "The Suffolk Chronicle", "The Ipswich Journal", "The Gardners' Chronicle and Agricultural Gazette", "Bell's Weekly Messenger", "The Mark Lane Express and Agricultural Journal", "The Oswestry Advertiser and Montgomeryshire Mercury", "The Times of India", "Morning Star", "Essex Herald" and "Dorset County Chronicle and Somersetshire Gazette".

PRESS CUTTINGS ALBUM - Steam Ploughing and Cultivation. **TR RAN/ET3/22** 1865-1871

Bound vol

Contents:

A continuation of the above. In chronological order. Includes the following systems/apparatus/manufacturers: J Fowler & Co; J & F Howard; W Smith; W Savory & Son; J Phillips-Smith; E Hayes; Aveling and Porter; John C Delavigne; Campain; Tuxford & Sons; Amies & Barford; Barrows and Stewart; Ravensthorpe Engineering Co; Charles Burrell; RS: Sources are "The Mark Lane Express and Agricultural Journal", "Bell's Weekly Messenger", "Sussex Express", "North British Agriculturist", "Engineering", "The Agricultural Review", "The Port Elizabeth Telegraph and Eastern Province Standard", "The Athanaeum and Daily News", "The Mechanics' Magazine", "Gloucester Journal", "Derby Reporter", "Norwich Mercury", "The Bucks Chronicle", "The Midland Counties Herald", "The Gardners Chronicle and Agricultural Gazette", "The Farmer", "The Ipswich Chronicle", "The Bury and Norwich Post", "The Bury Free Press", "The Sydney Mail", "The Irish Farmer's Gazette", "The Australasian", "Scientific American", "Galveston News", "The North of England Farmer", "The Times", "Wisbech Chronicle", "Birmingham Morning News", "Birmingham Daily Post", "Wolverhampton Chronicle", "Staffordshire Advertiser", "Chamber of Agriculture Journal" and "Farmer's Chronicle".

SET OF 7 PHOTOGRAPHS - J Fowler and Co, of the Sutherland reclamations **TR RAN/ET3/23** c 1872-1878

Mounted

Contents:

Probably at Strath Tirry, using a 30 HP Fowler Steam Ploughing Engine, the Sutherland land cultivator and a steam sledge. Fowler Ph NW 159-165

PHOTOGRAPH ALBUM - Traction Engines, Ploughing Engines, Road Rollers, Road Locomotives, Steam Omnibus and Road and Farm Steamers. **TR RAN/ET3/24** 1860's and 1870's

Bound vol

Contents:

Various manufacturers, 39 prints, of which the first 35 are captioned. Contents:

1. 14 HP Road Steamer: Tennant & Co
2. 8 HP "Sutherland" Farm Steamer: RSH [2 views]
3. 8 HP "Colonist" Road Steamer. Tennant & Co.
4. 8 HP Agricultural Traction Engine: Charles Burrell
- 5 & 6. 14 HP "Chenab" Road Steamer: RSH
7. 8 HP Double Cylinder Traction Engine: Charles Burrell
8. 12 HP Road Steamer: Tennant & Co
9. 6 HP Traction Engine: Aveling & Porter
10. 12 HP Double Cylinder Passenger Traction Engine: Charles Burrell
11. 10 HP Traction Engine: John Fowler & Co
12. 8 HP Agricultural Traction Engine no 1676: John Fowler & Co.
13. & 14. 12 HP Double Cylinder Traction Engine no 9798: Clayton & Shuttleworth
15. 10 HP Traction Engine no 100: Aveling & Porter
16. 12 HP Steam Ploughing and Traction Engine no 1272: John Fowler & Co.
17. 15 ton Steam Road Roller no 13: Aveling & Porter
18. 6 HP Traction Engine - Steam Sapper No 4: Aveling & Porter
19. 8 HP Agricultural Traction Engine: Charles Burrell
20. Boydell's Traction Engine: Charles Burrell
21. 10 HP Agricultural Traction Engine: RSH on caption, RS on print
- 22 & 23. 10 HP Goods Road Steamer: Tennant & Co
24. 8 HP "Enterprise" Road Steamer: Tennant & Co
25. 8 HP Road Steamer: Leonard J. Todd
26. 8 HP Road Locomotive no 20: Aveling & Porter
- 27 & 28. 10 HP Road Steamer: Ruston, Proctor & Co
- 29 & 30. 15 ton Steam Road Roller: Manning, Wardle & Co
31. 10 HP Double Cylinder Traction Engine: Alexander Chaplin & Co.
32. 12 HP Double Cylinder Traction Engine: Alexander Chaplin & Co.
33. Improved Road Roller: Aveling & Porter
- 34 & 35. Nairn's "Pioneer" Steam Omnibus
36. Road Locomotive: Aveling & Porter
37. Steam Sapper fitted for rails, no 5: Aveling & Porter
38. Agricultural Traction Engine, no 124; Aveling & Porter
39. Steam Ploughing Engine: Aveling & Porter

PRESS CUTTINGS ALBUM. **TR RAN/ET3/25** 1871(*Jan*)-1872(*May*)

Bound vol

Contents:

Traction Engines, Road Steamers, Road Locomotives, Farm Steamers and Road Rollers. Compiled by J Head. The cuttings include articles, reports of trials, letters and technical data. Manufacturers include RSH, (and their association with R W Thomson), J Fowler & Co., J & F Howard, Tuxford & Sons, Aveling & Porter, Charles Burrell. Sources are "The Engineer", "The Times", "The Scotsman" and "Engineering". The cuttings are preceded by the following RSH data:

- i. 1871(25-28 Jan) Results of 4 trials on Road Steamer with horizontal and pot boilers. pp 1-4
- ii. 1871 Notes on Mr Anderson's traction experiments with an 8 hp engine. pp 5-6.

- iii. 1871 (25 Jan-1 Feb) Results of trials on 8 hp "Colonist" farm steamer. p 7
- iv. 1871(18 May) Details of "Chenab" and "Ravee" Road Steamers. p 11. and succeeded by correspondence, 1871-1872 concerning the "Sutherland" farm steamer. pp 105-7. The cuttings also include diagrams of the boiler pressure of the 8 hp RSH farm steamer. p 88.

TWO SLIDES of prints 2 and 7 in the above album. **TR RAN/ET3/25/1** [n.d.]

Contents:

BW Positive

ABSTRACTS OF PATENT SPECIFICATIONS - Gas Engines. **TR RAN/ET3/26** 1855-1877

Bound vol

Contents:

Abstracted from specifications as listed below. Right hand are text and left hand pages contain sketches where appropriate. In chronological order of specifications. Contains:

- 1855(13 Mar) A V Newton 562
- 1864(9 May) Francis Herbert Wenham 1173
- 1866(12 Feb) Charles Denton Abel 434
- 1867(8 Jul) Matthew Piers Watt Boulton 2000
- 1867(3 Aug) C D Abel 2245
- 1868(29 Apr) Gion Baptiste Babacci 1393
- 1870(11 May) E P H Vaughan 1352
- 1871(3 Jul) Eloy Nicolas Schmitz 1724
- 1871(28 Aug) G Haseltine 2254
- 1871(4 Sep) James Anderson 2326
- 1871(30 Sep) Johann Maximilian Plessner 2587
- 1872(10 Feb) W R Lake 432
- 1872(21 Nov) E T Hughes 3481
- 1873(25 Nov) W R Lake 3848
- 1873(11 Dec) Frederick William Turner 4088
- 1874(2 Jan) Robert Gottheil 25
- 1874(2 Feb) C D Abel 414
- 1874(6 Feb) Samuel Ford 486
- 1874(7 Feb) Julius Hock 493
- 1874(18 Feb) C D Abel 605
- 1874(9 May) Edwin Butterworth 1652
- 1874(19 Sep) Francis William Crossley 3205
- 1874(23 Sep) Charles Thomas Evans Lascelles 3257
- 1874(22 Dec) J T Kirkwood, C T E Lascelles & J Hall 4410
- 1875(8 Jan) C D Abel 71
- 1875(11 Jan) Matthew Piers Watt Boulton 96
- 1875(23 Jan) Edgar Coniston Mills & Henry Haley 265
- 1875(3 Mar) Philip Lyng Justice 793
- 1875(2 Jun) De Victor Bruce & Thomas Murphy Antisell 2016
- 1875(26 Jun) WW Smyth & GG Hunt 2334
- 1875(11 Aug) Richard Hallewell 2826
- 1875(23 Aug) J G Tongue 2961
- 1875(27 Aug) Wilhelm Weyhe 3019
- 1875(15 Sep) Francis William and William John Crossley 3221

1875(18 Oct) C D Abel 3615
1875(11 Dec) Wilhelm Weyhe 4298
1875(14 Dec) J H T Ellerbeck & J M Syers 4326
1876(7 Jan) Samuel Thacker 88
1876(12 Jan) Francis William Crossley 132
1876(10 Apr) Frank Wirth 1520
1876(10 May) Charles Thomas Lascelles 1961
1876(11 May) Claude Ludovic Taverdon 1985
1876(17 May) C D Abel 2081
1876(11 Jul) Charles Linford 2824
1876(12 Aug) Charles Ferd de Kierzkowski 3191
1876(28 Aug) G F Redfern 3370
1876(1 Sep) J H Johnson 3444
1876(15 Sep) Matthew Piers Watt Boulton 3620
1876(27 Sep) Matthew Piers Watt Boulton 3767
1876(11 Nov) A M Clark 4386
1876(23 Dec) Richard Hallewell 4987
1877(19 Jan) Dugald Clerk 252
1877(5 Feb) N R Otto & F W Crossley 491
1877(24 Feb) Matthew Piers Watt Boulton 766
1877(28 Feb) Richard Hallewell 819
1877(16 Mar) W R Lake 1063
1877(14 Apr) Charles Linford 1470

At the rear of the volume is a chronological list of patents in the book, with others added in pencil, for 1838-1877. States year, number and patentee.

LIST OF PATENT SPECIFICATIONS for Lawn Mowing Machines. **TR RAN/ET3/27** 1830-1893

Contents:

The list gives the date, name(s) of patentee(s), description and patent number where known. Compiled c 1895, c 180 entries.

EXTRACTS FROM PATENT SPECIFICATIONS for Lawn Mowers. **TR RAN/ET3/28** 1830-1864 and 1876-77

Contents:

Extracted from the patents specifications, as listed below. The first set of extractions is for 1830-1864, with those for 1876-77 appended at a later date. 30 patents are included thus.

1862(30 May) Richard Nicholson 1627
1862(3 Dec) Alexander Morton 3244
1863(12 Feb) Alexander Morton 381
1863(24 Apr) John Cornes & John Coope 1022
1830(25 Oct) Edwin Budding 5990.
1855(21 May) James Shanks 1147
1856(2 Aug) Thomas Green 1831
1858(17 Feb) James Edward Boyd 300
1858(20 Feb) Thomas Green 332
1859(13 Jan) John Picksley & Reuben Sims 110
1859(20 Jan) James Shanks 180
1859(18 Apr) John Whitaker 971
1859(18 Apr) George Coller 980

1859(6 Jun) Willoughby Green 1381
1859(19 Jul) James Shanks 1700
1860(25 Feb) James Edward Boyd 523
1860(23 Oct) Robert Baynes 2582
1861(20 Dec) Thomas Green, Willoughby Green and Robert Mathers 3201
1863(12 May) William Mattison & George Baker 1188
1863(19 May) Charles Barnard, John Bishop, Charles Barnard Jnr and Godfrey Barnard 1248
1863(8 Dec) James Edward Boyd 3092
1862(30 Jul) Benjamin Bailey 2160
1862(5 May) James Shanks 3031
1864(23 Jan) John Shaw 187
1864(8 Feb) Daniel Pidgeon & William Manwaring 327
1876(13 Jun) John Hartley & Zacheus Tupden 138
1876(13 May) Walter William Davenport 2024
1876(13 Jul) George Barrow Northcote 2868
1876(28 Aug) Alban Edward Rapp 3367
1876(2 Sep) Thomas Green 3474
Attached is a note of the number of grass cutters sold in 1852 [by RS]

NOTES ON PATENTS. **TR RAN/ET3/29** 1880-1883

Contents:

These are rough pencil notes only with various sketch plans, for Lawn Mower patents, probably made in the early 1890's. The patent number and date are given throughout.

PATENT FINAL SPECIFICATION NO 16175 (German Imperial Patent Office). **TR RAN/ET3/30** 1881(3 Jun)

Language: English and German

Contents:

Class 45- Agricultural implements. For Lawn Mowers. In the name of J A St Biernatzki, Hamburg. pp 2. 1 sheet of drawings.

PATENT-FINAL SPECIFICATION NO 14077/20 **TR RAN/ET3/31** 1920(21 Dec)

Contents:

(Department of Patents, Commonwealth of Australia) for an electric power attachment for Lawn Mowers. In the name of Edward Bistee Keele of Lockleys, South Australia. pp 2. 1 sheet of drawing. [photocopy]

CUTTINGS ALBUM - Lawn Mowers. **TR RAN/ET3/32** 1877-1911

Bound vol

Contents:

Sources are manufacturers publicity, press advertisements and press articles. Compiled by J E Ransome originally. Arranged approximately under manufacturer, with material on RSJ, RHJ, RSH first. Several manufacturers are from the USA. Manufacturers are:
Follows and Bate Ltd; Thomas Green & Son Ltd; Alexander Shanks & Son; Samuelson & Co; Barnard, Bishop &, Barnard; Peter Small; W A Halteman & Co; Withington & Cooley Manufacturing Co; Schaeffer & Co; William Hunt; Vipian and Headley; Hartley & Sugden; Kennan & Sons; E H

Bentall & Co; W de Normanville; Boulton & Paul; M Cockburn & Co; Barford & Perkins; Meadow Foundry Co; C Hearson & Co Ltd; Smith & Paget; W Summerscales & Sons; John Crowley & Co; Collings & Wallis; Worcester Lawn Mower Co; B Hirst & Sons; Picksley, Sims & Co.Ltd; Cunningham & Wylie; Nettleford & Sons; John Fuchs; Universal Lawn Mower Co; The Stevens Manufacturing Co; William Cottis & Sons; The Hills Archimedean Lawn Mower Co; E C Steams & Co; The Philadelphia Lawn Mower Co; John G Rollins & Co; Supplee Hardware Co; F S Anderson Co; Reading Hardware Co; Thomas McKenzie & Sons Ltd; S P Townsend & Co; Globe Lawn Mower & Manufacturing Co; Chadburn & Coldwell Manufacturing Co; Oldwell, Wilcox & Co; Waite, Burnell, Huggins & Co; Coldwell Lawn Mower Co; A J Ohmer; Holt and Willetts; Philadelphia Lawn Mower Co; E C Stearns & Co; J C Plimpton & Co; Glennon & Kraune; Cleveland Novelty Co; F & N Manufacturing Co; Thomson, Sweeper & Machine Co; Lyman Wilder; Sinclair & Clayton; Pastime Lawn Mower Co; Seneca Falls Lawn Mower Co; Clipper Lawn Mower Co; Henry Walker Son Ltd; W E Lape; M C Henley; Alex Dickson & Sons Ltd; A Ballach & Sons; Kennan & Sons; Perry & Co; Dille and Anderson; Portland Lawn Sprinkler Co; F S Anderson Co; Clizbe Brothers Manufacturing Co; Wilcox manufacturing Co; Whitman & Barnes Manufacturing Co; Dille & McGuire Manufacturing Co; Champion Manufacturing Co; J W Bookwalter & Co; Stevens Manufacturing Co; Root Brothers Co; S L Allen & Co; Tuck Manufacturing Co; John Sunley; Enterprise Manufacturing Co; Hanika Iron Fence Co; G S Foos Co; Best Hunter & Co; Millard Brothers; Blair & Fiske Manufacturing Co; Selig, Sonnethal & Co; A B Cohu & Co; Blair Manufacturing Co; William Marples & Sons Barford & Perkins; W C Allen & Co;; Surpless, Dunn & Alder; Coldwell Lawn Mower Co; O'Brien, Thomas & Co; Chadborn & Coldwell Manufacturing Co; The "Stott" Company; Hoods Ltd:

The following RSJ, RHJ and RSH items are included: 4831E, 5607E, 5617H, 5685E, 2086H, 5559E, 1990H, 2085H, 2086H, 2037H, 1133H, 2181H, 2205H, 2106H, 2089H, 2088H, 1594H, 1593H, 1819H, 2105H, 2034H, 2087H, 2168H, 2065H, 3061H.

Several items were inserted but not affixed. There are also several drawings, copied from patent specifications for lawn mowers.

INDEX to the above album. **TR RAN/ET3/32/1** [n.d.]

Contents:

Compiled for 1886-1888 entries, in alphabetical order of manufacturer and of machines. Each page is divided with manufacturers at the top and machines at the bottom.

PATENT-AMENDED FINAL SPECIFICATION NO 27842 **TR RAN/ET3/33** 1914(9 Apr)

2 sheets of drawings

Contents:

For "Improvements in or relating to Apparatus for drying Tea, Coffee, Grain or other substances". In the name of James Samuel Davison, Belfast. pp 2.

PATENT-FINAL SPECIFICATION NO 789 **TR RAN/ET3/34** 1915(21 Oct)

3 sheets of drawings

Contents:

For "Improvements in or relating to Tea Leaf Rolling Machinery". In the name of Samuel Cleland Davison, Belfast. Also includes provisional specification no 4481 1915(22 Mar), pp 6.

Manufacturing and Production Records **TR RAN/MP** [n.d.]

Arrangement: TR RAN/MP1 Registers and lists of production
TR RAN/MP2 Manufacturing working papers and records
TR RAN/MP3 Parts, repairs and outworks records

Registers and lists of Production **TR RAN/MP1** [n.d.]

Arrangement: TR RAN/MP1/1-44 Engineering Department
TR RAN/MP1/45-49 Thrashing Machine Department
TR RAN/MP1/50-52 Plough Works
TR RAN/MP1/53-54 Electric Vehicle Department
Engineering Department
TR RAN/MP1/1-32 General engine registers and lists
TR RAN/MP1/1-6 Early registers and list
TR RAN/MP1/7-19 Engine registers - sales numbers
TR RAN/MP1/20-32 Engine registers - boiler numbers
TR RAN/MP1/33-41 Traction engine registers
TR RAN/MP1/33 Register summaries
TR RAN/MP1/34-39 Register indexes
TR RAN/MP1/40-41 Register notes
TR RAN/MP1/42-43 Steam Wagon and Oil Engines Register and list
TR RAN/MP1/44 Corn Mill Register - index
Early Engine Registers and Lists
TR RAN/MP1/1-2 Engine register Series 1
TR RAN/MP1/3-5 Engine register Series 2
TR RAN/MP1/6 List of RM steam engines

Contents:

Entries in engine registers include Portable, Vertical, Stationary, Semi-Portable and Mural Steam Engines; Traction Engines; Road Locomotives; Road Rollers; Steam Tractors; Oil Tractors; Showman's Engines; Steam Wagons; Electric Lighting Engines; Boilers; Winding Machinery; Pumping Machinery; Portable, Stationary and Vertical Oil Engines; Road Steamers and Farm Steamers.

ENGINE REGISTER [Series 1] - No 1. **TR RAN/MP1/1** *c1850-1872(Jan)*

Bound vol

Contents:

Arranged in successive order of engine numbers. At this date only one series of engine numbers was employed. In two parts:

- i. c 1850-1854(Dec) Engines made by RM and RS, as revised 1855(14 Aug). Gives engine number, description and purchaser. Engine nos 1-123 [1-46 are RM] pp 1-4
- ii. 1854(Dec)-1872(Jan) Engines made by RS. Engine nos 124-2237. Gives engine number, date, description, and purchaser. Most entries also give order numbers in the first column. Later entries have more detailed descriptions. pp 5-126

ENGINE REGISTER [Series 1] - No 2. **TR RAN/MP1/2** *1871(Oct)-1880(May)*

Bound vol

Contents:

Arranged in successive order of engine numbers. Nos 2238-4299. The format per entry is order, date, order number, engine number, particulars, dispatch date and customer. After no 2757 in 1877 the register was superseded by the first engine register - sales number, continuing the former series of engine numbers from 2758 onwards. This was simultaneous to the introduction of a new complementary series of engine numbers, the boiler numbers. However entries continued to be made in this register up to 4379, although after 3640 the particulars are extremely brief. There is a numerical list of engine numbers at the front of the volume, nos. 1-575, indicating HP and customer but the page reference column is blank because these numbers are entered in the preceding register. There are various items affixed to the front and back end papers including fitting details in a accord with foreign laws (German and Prussian, Danish, Dutch) Memoranda on customers' special requirements, general orders and packing instructions.

ENGINE REGISTER [Series 2] - No 1. **TR RAN/MP1/3** 1870(5 May)-1872(21 Dec)

Bound vol

Contents:

Arranged in successive order of engine numbers. Engine nos 1626-2532. The entries are a condensation of those in series 1 of the engine registers, with customer details omitted. The dates in the two series are only marginally different. Format per entry is engine number, date, type of engine and remarks. The register's function was possibly a precursor of the engine registers - boiler number series.

ENGINE REGISTER [Series 2] - No 2. **TR RAN/MP1/4** 1872(31 Dec)-1824(11 Jul)

Bound vol

Contents:

Engine nos 2533-2960. As TR RAN/MP1/3.

ENGINE REGISTER [Series 2] - No 3. **TR RAN/MP1/5** 1874(29 May-1 Sep)

Bound vol

Contents:

Engine nos 2961-3060. As TR RAN/MP1/3 Not all the entries are complete and some are numbers only. At the front of the volume are general notes for fittings for ordinary and export engines.

LIST of steam engines manufactured by Ransomes and May, compiled by R C Ransome **TR RAN/MP1/6** 1852 (Jan)

Contents:

Engine nos 1-46. Format is engine number, description, cost price, selling price and remarks concerning where sent and method of employment.

ENGINE REGISTER - Sales Numbers. **TR RAN/MP1/7** 1877(Jun)-1883(Mar)

Bound vol

Contents:

The sales numbers commence in 1877 as a continuation of the former general series of engine numbers and were assigned in order of sale, whereas the complementary series of boiler numbers introduced at the same time were assigned in order as the manufacture of each engine was complete. Arranged in successive order of sales nos. Nos 2758-5265. Format per entry :-

- i. Sales number
- ii. Boiler number
- iii. Customer
- iv. Order date [blank throughout]
- v. Order number
- vi. Class [HP and type]
- vii. Type of fire box for straw burning engines
- viii. Date of engine report
- ix. Date of delivery order [blank throughout]
- x. Stock number
- xi. Remarks

ENGINE REGISTER - Sales Numbers. **TR RAN/MP1/8** 1882(Aug)-1888(Jun)

Bound vol

Contents:

Arranged as TR RAN/MP1/7. Sales nos 5266-7320.

ENGINE REGISTER - Sales Numbers. **TR RAN/MP1/9** 1888(Jun)-1894(Jul)

Bound vol

Contents:

Arranged as TR RAN/MP1/7. Sales nos 7321-9435.

ENGINE REGISTER - Sales Numbers. **TR RAN/MP1/10** 1894(Jul)-1898(Feb)

Bound vol

Contents:

Arranged as TR RAN/MP1/7. Sales nos 9436-11545

ENGINE REGISTER - Sales Number. **TR RAN/MP1/11** 1898(Feb)-1901(Apr)

Bound vol

Contents:

Arranged as TR RAN/MP1/7. Sales nos 11546-13660. Affixed to the back end paper is:

- i. 1921(27 Jun) Drawing of details of crankshaft forging. DN 14941 BP

ENGINE REGISTER - Sales Numbers. **TR RAN/MP1/12** 1901(Apr)-1904(Aug)

Bound vol

Contents:

Arranged as TR RAN/MP1/7. Sales nos 13661-15775.

ENGINE REGISTER - Sales Numbers. **TR RAN/MP1/13** 1904(July)-1907(Mar)

Bound vol

Contents:

Arranged as TR RAN/MP1/7. Sales nos 15776-19150

ENGINE REGISTER - Sales Numbers. **TR RAN/MP1/14** 1907(Mar)-1909(Aug)

Bound vol

Contents:

Arranged as TR RAN/MP1/7. Sales nos 19151-21600

ENGINE REGISTER - Sales Numbers. **TR RAN/MP1/15** 1909(Aug)-1911(Oct)

Bound vol

Contents:

Arranged as TR RAN/MP1/7. Sales nos 21601-23855

ENGINE REGISTER - Sales Numbers. **TR RAN/MP1/16** 1911(Oct)-1913(Dec)

Bound vol

Contents:

Arranged as TR RAN/MP1/7. Sales nos 23856-25951 no 25952-25960 have no entries.

ENGINE REGISTER - Sales Numbers. **TR RAN/MP1/17** 1914(Jan)-1921(Apr)

Bound vol

Contents:

Arranged as TR RAN/MP1/7. Sales nos 26001-32019

ENGINE REGISTER - Sales Numbers. **TR RAN/MP1/18** 1921(Apr)-1928(Jan)

Bound vol

Contents:

Arranged as TR RAN/MP1/7. Sales nos 32020-38303

ENGINE REGISTER - Sales Numbers. **TR RAN/MP1/19** 1928(Jan)-1945(Jul)

Bound vol

Contents:

Arranged as TR RAN/MP1/7. In three parts.

- i. 1928(Jan) Sales nos 39000-44059
- ii. 1938(Oct)-1945(Jul) Sales nos 544060-544141 A continuation of the above series with prefix "5".
- iii. [c1930] Sales nos 84000-84030 Portable and Semi-Portable Engines built for RSJ by Robey & Co Ltd. Those where the initial "8" is replaced by "6" were built by Robey & Co Ltd for Ruston & Hornsby Ltd

ENGINE REGISTER - Boiler Numbers. **TR RAN/MP1/20** 1877(Oct)-1882(Aug)

Bound vol

Contents:

Boiler numbers commenced in 1877(Oct) and were assigned and stamped one per boiler as the engine was passed at the end of the manufacturing process, as opposed to the complementary series of sales numbers which were assigned, one per engine, in order of sale. Arranged in successive order of boiler numbers. Nos 1-1785. The format is:

- i. Boiler Number
- ii. Sales Number
- iii. Class [HP and type]
- iv. Engine details: erected by; tried by; load [mainly left blank]; lbs run down to [mainly left blank]; work pressure; passed by; date passed.
- v. Boiler details: hydraulic pressure; passed by; date passed.
- vi. Remarks

At the front of the register is a list of design alterations to engines and boilers included in the register, with details of engine type, article, alterations and boiler number

ENGINE REGISTER - Boiler Numbers. **TR RAN/MP1/21** 1882(Aug)-1888(Feb)

Bound vol

Contents:

Arranged as TR RAN/MP1/20 including a list at front. Boiler nos 1786-3870.

ENGINE REGISTER - Boiler Numbers. **TR RAN/MP1/22** 1888(Feb)-1893(Jul)

Bound vol

Contents:

Arranged as TR RAN/MP1/20 including list at front. Boiler nos 3871-5985.

ENGINE REGISTER - Boiler Numbers. **TR RAN/MP1/23** 1893(Jul)-1897(Aug)

Bound vol

Contents:

Arranged as TR RAN/MP1/20 including list at front. Boiler nos 5986-8085.

ENGINE REGISTER - Boiler Numbers. **TR RAN/MP1/24** 1897(Jun)-1901(Mar)

Bound vol

Contents:

Arranged as TR RAN/MP1/20 including list at front. Boiler nos 8086-10185.

LIST of Cranks for 5" and 6" stroke high speed Stationary Steam Engines in relation to orders placed by Messrs Homes. **TR RAN/MP1/24/1** 1900(13 Aug)

ENGINE REGISTER - Boiler Numbers. **TR RAN/MP1/25** 1901(Jan)-1904(Aug)

Bound vol

Contents:

Arranged as TR RAN/MP1/20 including list at front. Boiler Nos 10186-11200; A201-A999; B000-B300. By an order of 1902(21 Oct), boiler numbers old series ceased at 11200. Thereafter the "11" was replaced by letter A (A201) and the new series continued to A999, after which a B series began at B000, the B replacing the "12" of the old series. This practice was then continued with succeeding letters in the alphabet.

ENGINE REGISTER - Boiler Numbers. **TR RAN/MP1/26** 1904(Jul)-1907(Jul)

Bound vol

Contents:

Arranged as TR RAN/MP1/20 including list at front. Boiler nos B301-999; C000-999; D000-415.

ENGINE REGISTER - Boiler Numbers. **TR RAN/MP1/27** 1907(May)-1909(Dec)

Bound vol

Contents:

Arranged as TR RAN/MP1/20 including list at front. Boiler Nos D416-999; E000-999; F000-530.

ENGINE REGISTER - Boiler Numbers. **TR RAN/MP1/28** 1909(Dec)-1912(Mar)

Bound vol

Contents:

Arranged as TR RAN/MP1/20 including list at front. Boiler nos F531-999; G000-999; H000-645.

ENGINE REGISTER - Boiler Numbers. **TR RAN/MP1/29** 1912(Feb)-1914(May)

Bound vol

Contents:

Arranged as TR RAN/MP1/20 including list at front. Boiler nos H646-999; J000-999; K000-761.
[Prefix "I" was not used]

ENGINE REGISTER - Boiler Numbers. **TR RAN/MP1/30** 1914(Mar)-1923(Apr)

Bound vol

Contents:

Arranged as TR RAN/MP1/20, no list of alterations at front. Boiler nos K761-999; L000-999; M000-875.

ENGINE REGISTER - Boiler Numbers. **TR RAN/MP1/31** 1922(Nov)-1930(Apr)

Bound vol

Contents:

Arranged as TR RAN/MP1/20 including list at front. Boiler nos M876-999; N000-999; 0000-999; P000-140. Several entries have no sales numbers.

ENGINE REGISTER - Boiler Numbers. **TR RAN/MP1/32** 1930(Apr)-1942(Jul)

Bound vol

Contents:

Arranged as TR RAN/MP1/20, no list, of alterations at front. Boiler nos P141-649. Many entries have no sales numbers.

FOLDER OF TRACTION ENGINE REGISTER SUMMARIES for Traction Engine Registers nos 1-6. **TR RAN/MP1/33** 1864-1942

Contents:

The original registers are now destroyed, although their customer indexes survive. The registers appear to have been a duplication of the general engine registers covering traction engines, road locomotives, steam tractors, road steamers, farm steamers and Showman's engines. The summaries are apparently a reconstruction from the engine registers - sales numbers series by C W Cullingford, probably in the 1950's. the format per entry is sales number, date, customer and engine type. In successive order of sales numbers. Contents of summaries:

- i. 1864-1883(Nov) Register 1 Sales nos 1000-5906. Traction engines/agricultural locomotives, road steamers, farm steamers.
- ii. 1884(Feb)-1898(Jan) Register 2. Sales nos 5969-11495. Traction engines/agricultural locomotives, road locomotives.
- iii. 1898(May)-1906(Oct) Register 3. Sales nos 11603-18619. Traction engines/road locomotives.
- iv. 1906(Oct)-1912(Nov) Register 4. Sales nos 18628-24854. Traction engines/road locomotives.
- v. 1912(Oct)-1927(Sep) Register 5. Sales nos 24872-381401. Traction engines/road locomotives
- vi. 1928(Mar)-1942(May) Register 6. Sales nos 39049-44114. Traction engines/steam tractors.

There is an appendix containing:

- a. 1892-1897 List of engine sales numbers arranged by HP extracted from W Fletcher's notes on Traction Engines [TR RAN/MP1/40]
- b. Totals of engines in each Traction Engine Register summary.

CUSTOMER INDEX to Traction Engine Register No 1. **TR RAN/MP1/34** [n.d.]

Bound vol

Contents:

Arranged alphabetically under customer, with details of address and Engine Register Page(s) numbers. As the original register no longer exists, the page numbers do not correspond with those in the above Register Summary.

CUSTOMER INDEX to Traction Engine Register No 2. **TR RAN/MP1/35** [n.d.]

Bound vol

Contents:

Arranged as TR RAN/MP1/34.

CUSTOMER INDEX to Traction Engine Register No 3. **TR RAN/MP1/36** [n.d.]

Bound vol

Contents:

Arranged as TR RAN/MP1/34.

CUSTOMER INDEX to Traction Engine Register No 4. **TR RAN/MP1/37** [n.d.]

Bound vol

Contents:

Arranged as TR RAN/MP1/34.

CUSTOMER INDEX to Traction Engine Register No 5. **TR RAN/MP1/38** [n.d.]

Bound vol

Contents:

Arranged as TR RAN/MP1/34.

CUSTOMER INDEX to Traction Engine Register No 6. **TR RAN/MP1/39** [n.d.]

Bound vol

Contents:

Arranged as TR RAN/MP1/34.

REGISTER NOTES to Traction Engine Registers. **TR RAN/MP1/40** 1891-1897

Bound vol

Contents:

Compiled by W Fletcher. The notes were intended to amplify the register entries by giving technical specifications and details including drawing numbers where appropriate and the occasional reference to the Turnery Books. The notes appear to have originated as two separate copies in sections of 30 ff each. [The title pages to these sections are bound in at the rear of the volume]. The notes in their bound form represent one complete set compiled variously from both sources. The notes are in rough chronological order and are arranged so that each engine has a numbered folio headed by the engine HP and type. Basic information per entry is boiler number,

sales number, dispatch date and customer, including address. The technical details are then entered below. Engine types include Traction Engines, Road Locomotives and Showman's engines. The inclusive sales numbers are 8704-11483. At the rear of the volume is a contents list, including boiler numbers, sales numbers, HP, year, customer and address. The list has two copies as each page of the list served as an individual list for each 30 ff set of notes.

The volume also contains.

- i. 1900(27 Feb) Sketch of main axle for 8 HP Traction Engine. Sketch no 9488 [Details of crankshaft added 1901(10 Dec)] F53
- ii. 1900(20 Dec) List of Traction Engines and Road Locomotives with special driving wheels entered in above notes. In order of note folios. Includes wheel dimensions. F220
- iii. 1899(13 Dec) Note of complaints made by R M Cole over his purchase of an 8 NHP Road Locomotive at the RASE Show, Maidstone. F245

LETTER to Sgt Lincoln, Sudbury from RSJ **TR RAN/MP1/40/1** 1918(4 Oct)

Contents:

Concerning feed pump for 7 NHP Traction Engine, sales no 10513. Sketch attached.

REGISTER NOTES to Traction Engine Registers. **TR RAN/MP1/41** 1902-1907

Bound vol

Contents:

Probably compiled from one single source. Arrangement and format of notes as above. Includes Traction Engines and Road Locomotives. At the front of the volume is an alphabetical customer index, including boiler numbers, sales numbers and HPs. At the rear of the volume is a contents list for ff1-90 only including customer, sales numbers and engine numbers. After the contents lists are blank detail alterations lists, apart from that for 8 HP Road Locomotives. Inclusive sales numbers are 14327-20046. The volume also contains.

- i. 1908(13 Jan) Drawing of motion shafts, gearing and brackets for compound Road Locomotives and Traction Engines. DN 9725 BP Facing F60.

LIST OF STEAM WAGONS. **TR RAN/MP1/42** 1920(20 Dec)-1930(31 Mar)

Contents:

Summary production list, arranged chronologically. Format is date [when production completed], sales number, boiler number, customer, order number, Turnery volume number and page, wagon type and remarks.

Boiler nos M500-N209

Sales Numbers 44272-45802

[Photocopy]

REGISTER OF OIL ENGINES AND STEAM WAGONS produced for export orders. **TR RAN/MP1/43** 1921-1927

Bound vol

Contents:

Entries are in approximate order of dispatch date. Contents.

- i. 1921-1927 3½/4 BHP "Wizard" Oil Engines. Sales nos 32073-37084. pp 30-37
- ii. 1921-1927 6/7 BHP "Wizard" Oil Engines. Sales nos 32076-38008. pp 40-53

iii. 1921-1926 Steam Wagons. Sales nos 32037-36300. pp 100-111.

Format per entry includes customer; order book folio; sales number; dispatch date and description. The steam wagon descriptions are generally more detailed. The volume also contains the following.

a. 1925(23 Nov) Price list of ironwork for fixed type step grate furnaces on Portable Steam Engines as supplied to RSJ by Ruston & Hornsby Ltd. With notes on quantities of fire bricks and fireclay required.

b. 1925(28 Apr & 11 May) Extracts from two letters to Gailey & Roberts Ltd, Nairobi from RSJ concerning consumption rates of drysteam for Portable Steam Engines.

CUSTOMER INDEX to Corn Mill Register. **TR RAN/MP1/44** [n.d.]

Bound vol

Contents:

Arranged alphabetically under customer, with address and page number(s) in register. The register itself no longer exists.

CUSTOMER INDEX to Thrashing Machine Register No 1. **TR RAN/MP1/45** [n.d.]

Bound vol

Contents:

Arranged alphabetically under customer name with address and page number(s) in register. No 1 register together with nos 2-5 no longer exist.

CUSTOMER INDEX to Thrashing Machine Register No 2. **TR RAN/MP1/46** [n.d.]

Bound vol

Contents:

Arranged as TR RAN/MP1/45.

CUSTOMER INDEX to Thrashing Machine Register No 3. **TR RAN/MP1/47** [n.d.]

Bound vol

Contents:

Arranged as TR RAN/MP1/45.

CUSTOMER INDEX to Thrashing Machine Register No 4. **TR RAN/MP1/48** [n.d.]

Bound vol

Contents:

Arranged as TR RAN/MP1/45.

CUSTOMER INDEX to Thrashing Machine Register No 5. **TR RAN/MP1/49** [n.d.]

Bound vol

Contents:

Arranged as TR RAN/MP1/45.

REGISTER OF PLOUGH TYPES. TR RAN/MP1/50 1839-1943

Bound vol

Contents:

Divided into alphabetical sections of plough marks and with chronological entries per section. Format per entry is mark and meaning, date when first manufactured, whom made for and description. The volume was commenced in 1901(May) with the transfer of all extant entries from the older registers, and with new entries added thereafter up to 1943. The following items are affixed to the register.

- i. 1904(25 Nov) Notes concerning plough types made for Carbajosa, Madrid. Front end papers.
- ii. 1919(8 Jul) Memorandum concerning the numbering of AT Ploughs. pp 8.
- iii. 1915(12 Mar) Memorandum concerning new marking for export RMTM ploughs, p 182

REGISTER OF PLOUGH TYPES. TR RAN/MP1/51 1882-1915

Bound vol

Contents:

Compiled in order of initial dispatch dates, with one plough mark per page. Each page has the following format, mark; made for; first sent away; weight; description; beam; handles; draft; coulter and fastenings; frame or skife; breast; breast stays; couplings; slade; side cap; share adjustment; BPs and those with numbers originating from the general series of photographs. There is a contents list of marks at the front and back of the volume.

CONTENTS LIST to the above, being a copy of that at the front and back of the volume. **TR RAN/MP1/51/1 [1882-1915]**

CONTENTS LIST of selected marks with details per entry of whom made for and date of first dispatch. **TR RAN/MP1/51/2 [1882-1915]**

LIST of manufacturing marks - Ploughs and Implements. **TR RAN/MP1/52 [1940's]**

Contents:

Arrangement is:

Cultivators C 1-23

Animal Disc Ploughs D 1-2

Miscellaneous M 1-2

Potato Diggers PD 1-2

Planters RP 1-3

Animal Share Ploughs S 1-29

Tractor Disc Ploughs TD 1-10

Tractor Share Ploughs TS 1-22

For each mark number there is a description, and also a selling name where applicable.

LIST OF TROLLEYBUSES - Production list of general orders. **TR RAN/MP1/53 1925-1948**

Contents:

Arranged by orders. Format per order is customer (including number of buses supplied), wheel type, motor, control, resistance, trolley gear, trolley head, tyres, brakes, body, propeller shaft and rear axle gear ratio. The machines were not assigned any series of production or sales numbers.
[Photocopy]

MEMORANDUM to A J Middleton from E B Pinkney **TR RAN/MP1/53/1** 1958(23 Apr)

Contents:

Supplying information requested by M J Edwards on Ipswich Corporation E T Buses and noting the destruction of most of the drawings of early trolley bus type.

LIST OF TROLLEY BUSES - Production list of export orders **TR RAN/MP1/54** 1926-1941

Contents:

Arranged by orders. Format per order is destination and date, type, seating capacity, HP of motor, brake types, overall length, width over wheels, wheelbase, laden height centre, laden height rear, weight including electric gear, front wheel size, rear wheel size, front overhang and rear overhang.

Manufacturing Working Papers **TR RAN/MP2** [n.d.]

Arrangement: TR RAN/MP2/1-203 Engineering Department

TR RAN/MP2/1-27 Turnery Books

TR RAN/MP2/1 Standard Details

TR RAN/MP2/2-27 Orders

TR RAN/MP2/28-30 Boiler Shop Books

TR RAN/MP2/28 Standard Details

TR RAN/MP2/29 Orders

TR RAN/MP2/30 Specifications

TR RAN/MP2/31-32 Special Requirement Books

TR RAN/MP2/33-34 Registration Books

TR RAN/MP2/35-37 Engine Testing Records

TR RAN/MP2/35-36 Log Books

TR RAN/MP2/37 Test Report

TR RAN/MP2/38-193 Reports

TR RAN/MP2/38-184 Engines

TR RAN/MP2/185-193 Corn Mills

TR RAN/MP2/194-202 Dispatch Books

TURNERY BOOK - Standard Details. **TR RAN/MP2/1** 1891(Sep)-1907(Aug)

Bound vol

Contents:

Compiled chronologically and arrangement as Vols 6 & 7 ff of Turnery Books - Orders. The volume therefore consists of 500 Turnery shop copies of standard details sheets on tracing paper. [only 1-365 were used]. The 500 sheets correspond with the Drawing Office Press copy books [now destroyed]. The sheets are headed by engine and/or boiler type, and date, with standard details below. Drawing numbers are given and these are either the ledger series or the standard list

numbers. There is an alphabetical index of machinery types at the front of the book. These include:

- i. Portable Steam Engines - 4HP 1895 Design. 8-20 HP Compounds. 5-12 HP single cylinders. 8-20 HP double cylinders.
- ii. Stationary Steam Engines - 10-36 HP long strokes. 10-36 HP 1893 design long strokes, 4-10 HP short strokes, 8-30 HP compound girder frame and undertypes 1893 design. 10-22 HP 1896 design long strokes.
- iii. Vertical Steam Engines - 5½ x 5" to 10½ x 10" high speed single cylinders, 4"-12" stroke high speed single cylinders. 4½ x 8" to 9-12" type RV (with vertical crosstube B).
- iv. Traction Engines - 8 HP inside gear reined. 6-8 HP inside gear with outside pumps.
- v. Boilers - vertical types E-R [Norton's Patent]. American types 1, 2 and 3.
- vi. Oil well boring engines - 2 - 12¼ x 16" cylinders. 2-13¼ x 18" cylinders.
- vii. Attachments - speed varying apparatus for No 2 automatic shaft governor.

TURNERY BOOK - Orders. **TR RAN/MP2/2** 1860-1878

Bound vol

Contents:

Divided thus:

- i. 1860-1869 Vol 1 Includes Portable and Stationary Steam Engines, Steam Ploughing Engine and Tackle (Anchor, Windlass, Clutch), Traction Engines, Boilers, Winding Machinery, Pumping Machinery, Corn Mills, Mortar Mills, Bruising Mills, Chaff Cutters, Root Pulper, Bean Cutter, Cotton Screen, Lawn Mowers, Hay Press, Railway Work (including Crossings and Steam Crabs), Street Pavement and Orwell Works Fittings and Equipment.
 - ii. 1860-1878 Vol 2. Includes Portable and Stationary Steam Engines, Traction Engines, Boilers, Winding Machinery, Pumping Machinery, Corn Mills, Road Steamer, Chaff Cutter, Tea Dryer, Flour Milling Machine, Boring Machine and Orwell Works Fittings and Equipment.
- Entries are roughly chronological per volume with full details of work done per order. Orders are headed by the customer's name and normally order number. Each stage of the order is designated by a letter or number, with corresponding details of date and drawing numbers (ledger series) together with the description. As the two volumes are bound together, each is preceded by its individual indices which comprise per volume:
- a. Chronological index to orders.
 - b. Composite alphabetical index of customers and machinery types.

Volume 1 also contains a numerical list in order of engine numbers of steam engines made by RS and RSH. Engine nos 1-660. Format per entry is engine no, HP, order no and customer. ff 460-468

TURNERY BOOK - Orders. **TR RAN/MP2/3** 1870-1884

Bound vol

Contents:

Contains Vol 3. Arranged and format as Vols 1 and 2. Includes Portable, Stationary, Semi-Portable and Vertical Steam Engines, Boilers, Electric Lighting Engines, Traction Engines, Pumping Machinery, Winding Machinery, Corn Mills, and Orwell Works Fittings and Equipment. There are three indices, two are as Vols 1 and 2, the third is of machinery types for Portable, Stationary and Vertical Steam Engines, Traction Engines and Winding Machinery only.

TURNERY BOOK - Orders. **TR RAN/MP2/4** 1884-1890

Bound vol

Contents:

Contains Vol 4. Arranged as Vols 1 and 2. Includes Portable, Stationary and Vertical Steam Engines, Boilers, Traction Engines, Traction Engine with Crane, Winding Machinery, Pumping Machinery, Corn Mills, Gas Engine, Electric Lighting Engines and Orwell Works Fittings and Equipment. Index of customers and items manufactured only.

TURNERY BOOK - Orders. **TR RAN/MP2/5** 1887-1890

Bound vol

Contents:

Contains Vol 5. New page format. Each page is headed by title of work, customer's name, order number and date. The remainder of the page is divided between the entry of work and remarks. Compilation remains in rough chronological order. Includes Portable, Semi-Portable, Stationary and Vertical Steam Engines, Boilers, Winding Machinery, Steam Hoist, Pumping Machinery and Orwell Works Fittings and Equipment. Alphabetical index of customers and machinery types at the rear of the volume.

TURNERY BOOK - Orders. **TR RAN/MP2/6** 1890-1893

Bound vol

Contents:

Containing vols 6 and 7. A completely new arrangement. As a result of an order of 1890 (20 Feb), the Turnery Books now comprised the Turnery shop copies of orders on tracing paper. The shop copies were bound in volume of 250 which commence with volume 6. The Turnery Books thereafter contained two of these volumes bound together. Thus:

Volume 6 F1-250

Volume 7 F251-500

This numeration continued to 1000 after which it recommenced at F1. The two volumes were bound together to correspond with the Drawing Office press copy books each containing 500 leaves [now destroyed] The Turnery sheets are headed by title of work, customer, order number and date with order details below. Drawing numbers are often given, either ledger series of the standard list numbers. Volumes include Portable, Stationary, Semi-Portable, Vertical and Mural Steam Engines, Boilers, Oil Well Boring Engine, Winding Machinery, Hand Force Pump, Corn Mills, Mortar Mills, Glass Grinding Mill, Pumping Machinery, Roller Mills, Traction Engines, Road Locomotives and RSJ Fittings and Equipment. Composite alphabetical index of customers and machinery types for vols 6 & 7 at the front of the book including order numbers - 2 copies. [Pages 1-15 were copied from vol 5 and did not exist as loose sheets]

TURNERY BOOK - Orders. **TR RAN/MP2/7** 1893-1896

Bound vol

Contents:

Containing:

Volume 8 F501-750

Volume 9 F751-1000

Arranged as vols 6 & 7. Includes Portable, Semi-Portable, Stationary and Vertical Steam Engines, Boilers, Traction Engines, Winding Machinery, Pumping Machinery, Corn Mills, Oil Well Boring Engine and RSJ Fittings and Equipment. Index at front as Vols 6 & 7.

TURNERY BOOK - Orders. **TR RAN/MP2/8** 1896-1898

Bound vol

Contents:

Containing:

Volume 10 F1-250

Volume 11 F251-500

Arranged as vols 6 & 7. Includes Portable, Semi-Portable, Stationary, Vertical and Mural Steam Engines, Boilers, Traction Engines, Road Locomotives, Winding Machinery, Corn Mills, Darby's Digger, Oil Well Boring Engine and RSJ Equipment and Fittings.

Index as vols 6 & 7.

TURNERY BOOK - Orders. **TR RAN/MP2/9** 1898-1899

Bound vol

Contents:

Containing:

Volume 12 F501-750

Volume 13 F751-1000

Arranged as vols 6 & 7. Includes Portable, Semi-Portable, Stationary and Vertical Steam Engines, Boilers, Traction Engines, Road Locomotives, Winding Machinery, Pumping Machinery, Corn Mills, Oil Well Boring Engine, Darby's Digger and RSJ Equipment and Fittings. Index as vols 6 & 7.

TURNERY BOOK - Orders. **TR RAN/MP2/10** 1899-1902

Bound vol

Contents:

Containing:

Volume 14 F1-250

Volume 15 F251-500

Arranged as vols 6 & 7. Includes Portable, Semi-Portable, Stationary and Vertical Steam Engines, Boilers, Traction Engines, Road Locomotives, Winding Machinery, Corn Mills, Darby's Digger, Military Hauling Engine and RSJ Equipment and Fittings. Index as vols 6 & 7.

TURNERY BOOK - Orders. **TR RAN/MP2/11** 1902-1905

Bound vol

Contents:

Containing:

Volume 16 F501-750

Volume 17 F751-1000

Arranged as Vols 6 & 7. Includes Portable, Semi-Portable, Stationary and Vertical Steam Engines,

Boilers, Traction Engines, Road Locomotives, Road Rollers, Winding Machinery, Corn Mills, Oil Well Boring Engine and RSJ Fittings and Equipment. Index as vols 6 & 7.

TURNERY BOOK - Orders. **TR RAN/MP2/12** 1905-1907

Bound vol

Contents:

Containing:

Volume 18 F1-250

Volume 19 F251-500

Arranged as vols 6 & 7. Includes Portable, Semi-Portable, Stationary and Vertical Steam Engines, Boilers, Traction Engines, Road Locomotives, Road Rollers, Corn Mills, Winding Machinery and RSJ Fittings and Equipment. Index as vols 6 & 7.

TURNERY BOOK - Orders. **TR RAN/MP2/13** 1908-1910

Bound vol

Contents:

Containing:

Volume 20 F501-750

Volume 21 F751-1000

Arranged as vols 6 & 7. Includes Portable, Vertical and Stationary Steam Engines, Boilers, Traction Engines, Road Locomotives, Steam Tractors, Corn Mills, Paraffin Engines, Winding Machinery and RSJ Fittings and Equipment. Index as vols 6 & 7.

TURNERY BOOK - Orders. **TR RAN/MP2/14** 1910-1912

Bound vol

Contents:

Containing:

Volume 22 F1-250

Volume 23 F251-500

Arranged as vols 6 & 7. Includes Portable, Stationary and Vertical Steam Engines, Boilers, Traction Engines, Road Locomotives, Steam Tractors, Corn Mills, Traction Wagons Paraffin Engines, Gas Engine and RSJ Fittings and Equipment. Index as vols 6 & 7.

TURNERY BOOK - Orders. **TR RAN/MP2/15** 1912-1914

Bound vol

Contents:

Containing:

Volume 24 F501-750

Volume 25 F751-1000

Arranged as vols 6 & 7. Includes Portable, Semi-Portable, Stationary, and Vertical Steam Engines, Boilers, Traction Engines, Road Locomotives, Steam Tractors, Winding Machinery, Oil Well Boring Engine, Portable and Stationary Oil Engines, Oil Tractors, Steam Ploughing Engines and RSJ Fittings and Equipment. Index as vols 6 & 7.

TURNERY BOOK - Orders. **TR RAN/MP2/16** 1914-1919

Bound vol

Contents:

Containing:

Volume 26 F1-250

Volume 27 F251-500

Arranged as vols 6 & 7. Includes Portable, Stationary, Semi-Portable and Vertical Steam Engines, Boilers, Traction Engines, Winding Machinery, Steam Tractors, Traction Engine with Crane, Oil Tractor, Stationary and Portable Oil Engines, Oil Well Boring Engine, RSJ Equipment and Fittings including manufacturing machinery made to fulfil Admiralty and War Contracts. Electric Vehicles (platform trucks and tipping trucks) Index as vols 6 & 7.

TURNERY BOOK - Orders. **TR RAN/MP2/17** 1919-1923

Bound vol

Contents:

Containing:

Volume 23 F501-750

Volume 29 F751-1000

Arranged as vols 6 & 7. Includes Portable, Semi-Portable, Stationary and Vertical Steam Engines, Boilers Traction Engines, Steam Tractors, Road Rollers, Corn Mills, Steam Wagons, Stationary Oil Engines and RSJ Fittings and Equipment. Index as vols 6 & 7.

TURNERY BOOK - Orders. **TR RAN/MP2/18** 1923-1924

Bound vol

Contents:

Containing:

Volume 30 F1-250

Volume 31 F251-500

Arranged as vols 6 & 7. Includes Portable, Stationary, Semi-Portable and Vertical Steam Engines, Boilers, Traction Engines. Steam Wagons. Corn Mills and RSJ Fittings and Equipment. Index as vols 6 & 7.

TURNERY BOOK - Orders. **TR RAN/MP2/19** 1924-1926

Bound vol

Contents:

Containing:

Volume 32 F501-750

Volume 33 F751-1000

Arranged as vols 6 & 7. Includes Portable, Semi-Portable, Stationary and Vertical Steam Engines, Boilers, Steam Wagons, Electric Lighting Engines, Traction Engines, Corn Mills, Stationary Oil Engines, Steam Tractors and RSJ Equipment and Fittings. Index as vols 6 & 7.

TURNERY BOOK - Orders. **TR RAN/MP2/20** 1926-1927

Bound vol

Contents:

Containing:

Volume 34 F1-250

Volume 35 F251-500

Arranged as vols 6 & 7. Includes Portable, Semi-Portable, Stationary and Vertical Steam Engines, Boilers, Traction Engines, Steam Wagons, Corn Mills, Steam Tractors, Winding Machinery and RSJ Equipment and Fittings. Index as vols 6 & 7.

TURNERY BOOK - Orders. **TR RAN/MP2/21** 1927-1928

Bound vol

Contents:

Containing:

Volume 36 F501-750

Volume 37 F751-1000

Arranged as vols 6 & 7. Includes Portable, Stationary, Semi-Portable and Vertical Steam Engines, Boilers, Steam Tractors, Traction Engines, and RSJ Fittings and Equipment. Index as vols 6 & 7.

TURNERY BOOK - Orders. **TR RAN/MP2/22** 1928-1929

Bound vol

Contents:

Containing:

Volume 38 F1-250

Volume 39 F251-500

Arranged as vols 6 & 7. Includes, Portable, Semi-portable, Stationary and Vertical Steam Engines, Boilers, Steam Tractors, Oil Tractors, Corn Mills, Road Rollers, Traction Engines and RSJ Fittings and Equipment. Index as vols 6 & 7.

TURNERY BOOK - Orders. **TR RAN/MP2/23** 1929-1932

Bound vol

Contents:

Containing:

Volume 40 F501-750

Vol 41 F751-1000

Arranged as vols 6 & 7. Includes Portable, Semi-Portable, Stationary and Vertical Steam Engines, Boilers, Corn Mills, Traction Engines, Steam Wagons, Road Rollers, Steam Tractors, Air Ministry requisites and RSJ Fittings and Equipment. Index as vols 6 & 7.

TURNERY BOOK - Orders. **TR RAN/MP2/24** 1932-1936

Bound vol

Contents:

Containing:

Volume 42 F1-250

Volume 43 F251-500

Arranged as vols 6 & 7. Includes Portable, Semi-Portable, Stationary and Vertical Steam Engines, Boilers, Corn Mills, Road Rollers, Traction Engines, Grinding Mills, Grass Drier, Crop Driers, Drilling Machines, Steel Drag Scrapers, Lathes, "Mamac" Grinding Mills, and RSJ Fittings and Equipment. Index as vols 6 & 7

TURNERY BOOK - Orders. **TR RAN/MP2/25** 1936-1941

Bound vol

Contents:

Containing:

Volume 44 F501-750

Volume 45 F751-1000

Arranged as vols 6 & 7. Includes Portable, Semi-Portable, Stationary and Vertical Steam Engines, Boilers, Traction Engines, Corn Mills, Road Rollers, Grinding Mills, Grass Driers, Crop Driers, Lathes, Drilling Machines and RSJ Fittings and Equipment. Index as vols 6 & 7

TURNERY BOOK - Orders. **TR RAN/MP2/26** 1941-1949

Bound vol

Contents:

Containing:

Volume 46 F1-250

Volume 47 F251-500 [277-500 are blank]

Arranged as vols 6 & 7. Includes Portable, Semi-Portable and Vertical Steam Engines, Boilers, Corn Mills, Traction Engines and RSJ Fittings and Equipment, Grass Driers and Crop Driers. Index as vols 6 & 7.

LIST of Turnery Orders. **TR RAN/MP2/27** 1917 (3 Aug-28 Nov)

Bound vol

Contents:

In chronological order. Format per entry is order number, date, customer and order details.

BOILER PLATE BOOK - Standard Details. **TR RAN/MP2/28** 1896 (Jan)-1944 (Nov)

Bound vol

Contents:

[A few orders are also included]. Compiled chronologically and arranged as vols 6 & 7 ff of Turnery Books - Orders. The volume therefore contains 500 Boiler Shop copies of standard detail sheets on tracing paper. [only 1-250 were used]. The 500 sheets correspond with the Drawing Office press copy books. [now destroyed]. The sheets are headed by boiler and/or engine type, date and drawing number (ledger series) with standard details below. There is an alphabetical index of

boiler and engine types at the front of the book. Engine types include Portable and Stationary Steam Engines, Traction Engines, Road Locomotives, Steam Tractors, Steam Wagons, Oil Tractors and Winding Machinery. B types include Locomotive, Cornish, Lancashire and Vertical Crosstube.

BOILER PLATE BOOK - Orders. **TR RAN/MP2/29** 1895 (Aug)-1946 (Dec)

Bound vol

Contents:

Compiled chronologically and arranged as vols 6 & 7 ff of Turnery Books - Orders. Contains Volume 3 F1-250

Volume 4 F251-500 [371-500 are blank]

The volume consists therefore of 500 Boiler Shop copies of order sheets on tracing paper [368-370 are BPs]. The 500 sheets correspond with the Drawing Office press copy books [now destroyed]. The sheets are headed by boiler and/or engine type, customer, order no. date with order details below. Drawing numbers, where given, are from the ledger series.

B types include Vertical, Portable, Dry Back, Lancashire, Cornish, Locomotive, Multi-tabular, Cone Tube, Compound Undertype, American, Cylindrical, Return Flue, Treefeller, Vertical Crosstube, Machinery types include Portable, Stationary and Vertical Steam Engines, Traction Engines, Road Locomotives, Traction Engines with crane, Road Rollers, Winding Machinery, Electric Vehicles (platform and tipping), Air Heaters, Military Hauling Engine, Admiralty and Government Wartime Contract Work and RSJ Fittings and Equipment. There is a combined alphabetical index at the front of the book for product types and customers, including order numbers.

BOILER PLATE BOOK - Specifications and Standard Requirements. **TR RAN/MP2/30** [c 1905]

Bound vol

Contents:

Compiled c 1905 with notes of alterations added subsequently. Arranged in sections according to boiler and/or engine type. Each section has individual entries for different plate types. Format per entry is number required, length, width, thickness, description and calculated weight per plate (minimum, actual and maximum in cwt, qrts and lbs). The sections have general entries for drawing numbers and plate marks but these are blank throughout. B types include Locomotive and attachments, Undertype, Compound, Vertical, American and Portable for Portable and Stational Steam Engines, Traction Engines and Road Locomotives. [The cover is labelled Drawing Office, but the absence of drawing details indicates the volume probably served as reference in the Boiler Shop]

SPECIAL REQUIREMENTS BOOK NO 6. **TR RAN/MP2/31** 1909 (22 Jan)-1913

Bound vol

Contents:

Engineering Department. Customers' and Foreign Law requirements. Contents

i. Foreign Laws ff 2-31 (German, Italian, Dutch, Norwegian, Belgian, French, New Zealand, S Africa, Russia and West Australia)

ii. Customers ff 32-91

There is an index of customers and laws at the rear of the volume. The requirements are preceded by standard Engineering Department instructions to cleaners and packers. ff 1-18.

SPECIAL REQUIREMENTS BOOK NO 8. **TR RAN/MP2/32** 1926 (11 Nov)-1932

Bound file

Contents:

Engineering Department. Customers' and Foreign Law requirements. Customers with no orders since 1918 were omitted and there are no instructions to cleaners and packers. The format is a loose leaf binder with one sheet per customer or law, filed in alphabetical order.

ENGINE REGISTRATION BOOK. **TR RAN/MP2/33** 1898-1904

Bound vol

Contents:

The book is in successive order of sales numbers and was presumably compiled by inserting the appropriate boiler number per entry when manufacture of the item concerned was complete. Sales nos 12235-16010 [15940, 15948, 15971-15999 and 16006-9 have blank entries] Format per entry is sales number, boiler number, HP and customer and stock number.

ENGINE REGISTRATION BOOK. **TR RAN/MP2/34** 1913-1914

Bound vol

Contents:

Arranged as TR RAN/MP2/33. Sales nos 25001-30091 [30054-30060, 30063, 30075-30083, 30085-30089 have blank entries]

LOG BOOK - Tests on high speed stationary steam engines. **TR RAN/MP2/35** 1896(28 May)-1902(13 Sep)

Bound vol

Contents:

In chronological order of tests. Engines were normally tested on completion of the manufacturing process by remitting the engine to the Engine Testing Department from the Engine Erecting Department. The format per entry is:

- i. Customer, engine size, sales number
- ii. Class of governor, mark of springs
- iii. Engine revolutions per minute [loaded]
- iv. Tachometer reading [loaded]
- v. Highest and lowest tachometer readings [load suddenly removed]
- vi. Engine revolutions per minute [unloaded]
- vii. Tachometer readings [unloaded]
- viii. Variation of mean revolutions %
- ix. Weight of engine - nett
- x. Weight of engine - packed [in close cases or for export]
- xi. Date engine dispatched to Testing department
- xii. Date engine packed
- xiii. Duration of final testing run
- xiv. BHP
- xv. By whom passed - initials [Normally foreman of Engine Erecting Shop]

xvi. Diameter of governor pulley. Dynamo details [maker, amps, volts, number and weight inc comparison to other dynamos and combination bedplates] Report of test [reference to progress of test, including any troubles encountered and their solution]
There is no index of sales numbers, but their inclusive range is 10521-14806.

LOG BOOK - Tests on high speed stationary steam engines. **TR RAN/MP2/36** 1902(2 Oct)-1916(14 Jan)

Bound vol

Contents:

Arranged as TR RAN/MP2/35. Inclusive sales nos 14515-26890.

TEST REPORT on Steam Engine (probably portable) Engine number 797. **TR RAN/MP2/37** 1919(3 Jul)

Contents:

Made by E R & F Turner in 1883.

ENGINE REPORTS. **TR RAN/MP2/38** 1874(16 Jul-4 Nov)

Bound vol

Contents:

Inapproximate chronological order of report. A report was made after the manufacturing process was complete and prior to dispatch. It contains technical details of the various component parts as they were arranged for packing, sometimes indicating packing costs. There is usually one report per customer order so that more one engine may be included per report. The report is headed by order number, engine sales number, customer, date [of report], whom erected by and HP. Access to individual reports is obtained via the Engine Registers - Sales Number series where there is a corresponding report date for each sales number.

ENGINE REPORTS. **TR RAN/MP2/39** 1874(6 Nov)-1875(9 Mar)

Bound vol

Contents:

Arranged as TR RAN/MP2/38.

ENGINE REPORTS. **TR RAN/MP2/40** 1875(27 May-27 Oct)

Bound vol

Contents:

Arranged as TR RAN/MP2/38.

ENGINE REPORTS. **TR RAN/MP2/41** 1877(25 May-8 Aug)

Bound vol

Contents:

Arranged as TR RAN/MP2/38.

ENGINE REPORTS. **TR RAN/MP2/42** 1878(17 Jan-3 Jun)

Bound vol

Contents:

Arranged as TR RAN/MP2/38 except that Boiler Numbers are given in addition to Sales Numbers from this volume onwards. There are also entries for Corn Mills, but no mill numbers are stated, only the mill type.

ENGINE REPORTS. **TR RAN/MP2/43** 1878(3 Jun-21 Aug)

Bound vol

Contents:

Arranged as TR RAN/MP2/42 including Corn Mill Reports.

ENGINE REPORTS. **TR RAN/MP2/44** 1878(21 Aug-7 Nov)

Bound vol

Contents:

Arranged as TR RAN/MP2/42 including corn mill reports. Some entries in this and succeeding volumes are for boilers only in which case only the boiler number is given.

ENGINE REPORTS. **TR RAN/MP2/45** 1878(9 Nov-1979(4 Mar)

Bound vol

Contents:

Arranged as TR RAN/MP2/44 including corn mill reports.

ENGINE REPORTS. **TR RAN/MP2/46** 1879(5 Mar-13 May)

Bound vol

Contents:

Arranged as TR RAN/MP2/44 including corn mill reports.

ENGINE REPORTS. **TR RAN/MP2/47** 1879(15 Dec)-1880(16 Mar)

Bound vol

Contents:

Arranged as TR RAN/MP2/44 including corn mill reports. Details of "whom erected by" are omitted from this volume onwards.

ENGINE REPORTS. **TR RAN/MP2/48** 1880(29 Jun-7 Sep)

Bound vol

Contents:

Arranged as TR RAN/MP2/47 including corn mill reports.

ENGINE REPORTS. **TR RAN/MP2/49** 1880(17 Nov)-1881(17 Mar)

Bound vol

Contents:

Arranged as TR RAN/MP2/47. There are no corn mill reports from now on. A separate bound series of corn mill reports commences at 1881 (5 Jan).

ENGINE REPORTS. **TR RAN/MP2/50** 1881(31 Dec)-1882(18 Mar)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/51** 1882(12 Sep-22 Dec)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/52** 1882(28 Sep-29 Dec)

Bound vol

Contents:

Arranged as TR RAN/MP2/49. There was an index of customers at the front of the volume with report dates.

ENGINE REPORTS. **TR RAN/MP2/53** 1883(1 Jan-5 Mar)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/54** 1883(3 Mar-1 May)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/55** 1883(18 Jun-7 Aug)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/56** 1883(11 Oct-18 Dec)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/57** 1883(18 Dec)-1884(26 May)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/58** 1884(23 Feb-9 May)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/59** 1884(25 Jun-18 Sep)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/60** 1884(1 Sep-30 Oct)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/61** 1884(29 Oct)-1885(4 Feb)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/62** 1885(4 Feb-22 Jun)

Bound vol

Contents:

Arranged as TR RAN/MP2/49. There is a contents list at the front of the volume arranged with details of HP, customer and date.

ENGINE REPORTS. **TR RAN/MP2/63** 1885(1 Apr-6 Jun)

Bound vol

Contents:

Arranged as TR RAN/MP2/49 including contents list.

ENGINE REPORTS. **TR RAN/MP2/64** 1885(22 Sep)-1886(27 Feb)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/65** 1886(29 Nov)-1887(28 Feb)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/66** 1887(28 Feb-3 Jun)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/67** 1887(3 Jun-27 Sep)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/68** 1887(6 Jun-28 Oct)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/69** 1887(2 Nov)-1888(6 Mar)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/70** 1888(8 Mar-5 Jun)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/71** 1888(30 May-18 Jul)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/72** 1888(26 Nov)-1889(21 Jan)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/73** 1889(28 Jan-12 Apr)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/74** 1889(5 May-24 Jul)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/75** 1890(5 May-16 Jun)

Bound vol

Contents:

Arranged as TR RAN/MP2/49. There is a contents list at the front of the volume including order number, customer and date.

ENGINE REPORTS. **TR RAN/MP2/76** 1890(10 Jun-17 Jul)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/77** 1890(18 Jul-10 Sep)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/78** 1890(15 Nov)-1891(10 Jun)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/79** 1891(15 Jan-18 Apr)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/80** 1891(12 Mar-11 May)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/81** 1891(7 May-22 Jun)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/82** 1891(24 Jun-20 Aug)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/83** 1891(21 Aug-19 Oct)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/84** 1891(20 Oct-17 Dec)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/85** 1891(17 Dec)-1892(18 Feb)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/86** 1892(17 Feb-20 Apr)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/87** 1892(23 Apr-16 Jun)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/88** 1892(15 Jun-11 Aug)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/89** 1892(6 Aug-13 Oct)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/90** 1892(11 Oct-12 Dec)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/91** 1892(12 Dec)-1893(3 Mar)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/92** 1893(3 Mar-1 May)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/93** 1893(2 May-30 Jun)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/94** 1893(4 Jul-23 Aug)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/95** 1893(21 Aug-25 Oct)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/96** 1893(25 Oct)-1894(18 Apr)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/97** 1894(24 Feb-30 Aug)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/98** 1894(21 May-19 Jul)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/99** 1894(19 Jul-26 Sep)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/100** 1894(14 Sep)-1895(19 Mar)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/101** 1895(28 Jan-8 Apr)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/102** 1895(5 Apr-22 Jun)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/103** 1895(27 Jun-11 Sep) & 1896(23 Apr)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/104** 1895(24 Aug-6 Nov)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/105** 1895(6 Nov)-1896(6 Feb)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/106** 1896(13 Jan-23 Apr & 26 Sep)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/107** 1896(30 Mar-8 Jun)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/108** 1896(4 Jun-22 Aug)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/109** 1896(11 Jul-9 Sep)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/110** 1896(5 Sep-12 Dec)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/111** 1896(10 Nov)-1897(20 Dec)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/112** 1897(13 Jan-3 Jun)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/113** 1897(27 Jan-3 May & 2 Sep)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/114** 1897(1 Apr-25 Jun)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/115** 1897(7 May-10 Aug)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/116** 1897(25 Jun-14 Oct)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/117** 1897(2 Jul-30 Aug)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/118** 1897(1 Sep)-1898(12 Jan)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/119** 1897(8 Sep)-1898(11 Jan)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/120** 1897(2 Oct)-1898(4 Feb)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/121** 1898(4 Jan)-17 Mar)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/122** 1898(24 Jan-27 Apr & 24 Aug)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/123** 1898(28 Mar-9 Jun & 10 Aug)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/124** 1898(22 Apr-20 Jun)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/125** 1898(1 Jun-23 Jul)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/126** 1898(18 Jun-17 Aug)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/127** 1898(16 Jul-7 Sep)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/128** 1898(1 Sep-20 Oct)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/129** 1898(20 Sep-20 Oct)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/130** 1898(20 Oct)-1899(3 Feb)

Bound vol

Contents:

Arranged as TR RAN/MP2/49. From 1899 dating by month/day/year [2/29/89] is replaced by day/month/year [29/Feb/99].

ENGINE REPORTS. **TR RAN/MP2/131** 1898(22 Oct)-1899(23 Jan)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/132** 1899(4 Jan-8 Sep)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/133** 1899(23 Jan-31 May)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/134** 1899(6 Feb-31 May)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/135** 1898(15 Mar-4 Jul)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/136** 1899(10 May-17 Jul)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/137** 1899(3-29 Jun)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/138** 1899(10 Jul-19 Aug) & 1900 (6 Feb)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/139** 1899(12 Jul-29 Nov)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/140** 1899(6 Sep-13 Nov)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/141** 1899(8 Sep)-1900(27 Jan)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/142** 1899(16 Nov)-1900(22 Jan)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/143** 1899(27 Nov)-1900(25 Jan)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/144** 1899(1 Dec)-1900(7 Mar)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/145** 1900(28 Mar-9 Jun)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/146** 1900(4 Apr-23 Jul)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/147** 1900(18 Jun-17 Aug)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/148** 1900(28 Jun-8 Nov)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/149** 1900(28 Aug-10 Dec)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/150** 1900(9 Nov)-1901(22 Jun)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/151** 1900(7 Dec)-1901(4 Jul)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/152** 1901(11 Apr-26 Jul)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/153** 1901(24 Jun)-1902 (16 Apr)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/154** 1901(31 Jul-3 Dec)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/155** 1901(23 Oct)-1902(26 Nov)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/156** 1901(29 Oct)-1902(15 Jul)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/157** 1902(21 Apr)-1902(31 Jul)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/158** 1902(19 Jul)-1904(29 Jul)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/159** 1902(17 Sep)-1903(19 Aug)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/160** 1902(13 Oct)-1903(9 May)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/161** 1903(13 May)-1904(4 Feb)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/162** 1903(15 Jul-23 Dec)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/163** 1903(4 Nov)-1904(18 Mar)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/164** 1904(12 Feb-27 Sep)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/165** 1904(4 Aug-14 Dec)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/166** 1904(17 Aug)-1905(6 Jun)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/167** 1904(12 Nov)-1905(15 Jun)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/168** 1905(1 Apr)-1906(18 Aug)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/169** 1905(1 Jul)-1906(29 Jan)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/170** 1905(9 Oct)-1906(12 Jun)

Bound vol

Contents:

Arranged as TR RAN/MP2/49. Entries in the first half of the volume are undated.

ENGINE REPORTS. **TR RAN/MP2/171** 1906(2 Feb-3 Aug)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/172** 1906(1 Aug)-1907(20 Mar)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/173** 1906(8 Oct)-1907(15 May)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/174** 1907(28 May-6 Nov)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/175** 1907(12 Jul)-1908(5 Feb)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/176** 1907(12 Oct)-1909(24 Jun) & 1913(30 Jun)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/177** 1908(19 Feb)-1909(28 May)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/178** 1908(17 Mar)-15 Jul)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/179** 1908(23 Oct)-1909(14 Aug)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/180** 1909(14 Jun-17 Nov)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/181** 1909(17 Aug)-1910(5 Apr)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/182** 1909(30 Oct)-1910(25 Oct)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/183** 1910(19 Apr-7 Dec)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

ENGINE REPORTS. **TR RAN/MP2/184** 1910(7 May-22 Dec)

Bound vol

Contents:

Arranged as TR RAN/MP2/49.

CORN MILL REPORTS. **TR RAN/MP2/185** 1881(5 Jan)-1882(20 Oct)

Bound vol

Contents:

In chronological order or report. A report was made after the manufacturing process was complete and prior to dispatch. It contains technical details of the various component parts as they were arranged for packing, sometimes indicating packing carts. There is usually one report per customer order so that more than one mill may be included per report. The report is headed by the general order number, mill number(s), customer, date [of report] and customer's order number. Mill numbers are given spasmodically, the mill size being entered usually instead. Corn mill reports prior to 1881 are included in the volumes of Engine Reports.

CORN MILL REPORTS. **TR RAN/MP2/186** 1882(3 Nov)-1885(26 Aug)

Bound vol

Contents:

Arranged as TR RAN/MP2/185. There is an alphabetical customer index at the front of the volume with report dates.

CORN MILL REPORTS. **TR RAN/MP2/187** 1885(14 Sept)-1890(10 Sept)

Bound vol

Contents:

Arranged as TR RAN/MP2/185. Mill numbers are given from 1890(Aug) onwards. Nos 1222-1242 [though not in strict numerical order]

CORN MILL REPORTS. **TR RAN/MP2/188** 1891(5 Mar)-1895(2 Oct)

Bound vol

Contents:

Arranged as TR RAN/MP2/185. Mill Numbers 1243-1292.

CORN MILL REPORTS. **TR RAN/MP2/189** 1895(29 Oct)-1900(24 Jan)

Bound vol

Contents:

Arranged as TR RAN/MP2/185. Mill Numbers 1293-1359.

CORN MILL REPORTS. **TR RAN/MP2/190** 1900(16 Feb)-1903(10 Jan)

Bound vol

Contents:

Arranged as TR RAN/MP2/185. Mill Numbers 1360-1438.

CORN MILL REPORTS. **TR RAN/MP2/191** 1903(16 Feb)-1905(22 Feb)

Bound vol

Contents:

Arranged as TR RAN/MP2/185. Mill Numbers 1439-1555.

CORN MILL REPORTS. **TR RAN/MP2/192** 1905(3 May)-1909(8 Jan)

Bound vol

Contents:

Arranged as TR RAN/MP2/185. Mill Numbers 1556-1714.

CORN MILL REPORTS. **TR RAN/MP2/193** 1909(16 Sep)-1910(15 Feb)

Bound vol

Contents:

Arranged as TR RAN/MP2/185. Mill Numbers 1733-1810.

DISPATCH BOOK - Engineering Department products **TR RAN/MP2/194** 1883(Jan)-1885(Dec)

Bound vol

Contents:

Divided into steam engines and boilers. In chronological order of engines and boilers dispatched.

Format per entry :

1883 - Customer, date [of dispatch], sales number, type and HP, returns (in red), Includes weekly totals. Also a list of monthly totals on p2 compared with those for 1882.

1884-5 - Customer, sales number, boiler number, date [of dispatch], type and HP.

Also includes weekly totals and returns. No list of monthly totals.

DISPATCH BOOK - Engineering Department products **TR RAN/MP2/195** 1886(Jan)-1893(Dec)

Bound vol

Contents:

Divided into Steam Engines, boilers and Corn Mills. As above. Format per entry as TR RAN/MP2/194.

DISPATCH BOOK - Engineering Department products **TR RAN/MP2/196** 1894(Jan)-1899(Sep)

Bound vol

Contents:

Divided into Steam Engines, Boilers and Corn Mills. As above. Format per entry is Customer, type and HP, sales number, boiler number, date [of dispatch], weekly totals from separate horizontal columns and state date of week ending, no of Steam Engines, no of Boilers, Returns and Corn Mills. There are yearly summaries stating net numbers (ie items dispatched - minus returns) for Steam Engines, Boilers and Corn Mills. That for 1899 is in the following volume.

DISPATCH BOOK - Engineering Department products. **TR RAN/MP2/197** 1899(Sep)-1904(Sep)

Bound vol

Contents:

As TR RAN/MP2/196. The yearly summary for 1904 is in the next volume.

DISPATCH BOOK - Engineering Department Products. **TR RAN/MP2/198** 1904(Sep)-1908(Dec)

Bound vol

Contents:

As TR RAN/MP2/196.

DISPATCH BOOK - Engineering Department Products. **TR RAN/MP2/199** 1909(Jan)-1912(Jul)

Bound vol

Contents:

As TR RAN/MP2/196. The summary for 1912 is in the following volume.

DISPATCH BOOK - Engineering Department products. **TR RAN/MP2/200** 1912(Jul)-1919(Dec)

Bound vol

Contents:

As TR RAN/MP2/196.

DISPATCH BOOK - Engineering Department products. **TR RAN/MP2/201** 1920(Jan)-1924(Apr)

Bound vol

Contents:

As TR RAN/MP2/196. There is an additional summary for the period 1923(Apr)-1924(Mar).

DISPATCH BOOK - Engineering Department products. **TR RAN/MP2/202** 1924(Apr)-1932(Sep)

Bound vol

Contents:

As TR RAN/MP2/196. The yearly summaries are now at 31 Mar, covering the period 1 Apr-31 Mar. There are also 5 lists of Steam Engines invoiced to Ruston & Hornsby Ltd, but not dispatched; covering the period 1927-1933 and including order numbers, type and HP, boiler numbers, invoice date and dispatch date (where subsequently applicable).

Parts, Repairs and Outworks Records **TR RAN/MP3** [n.d.]

Arrangement: TR RAN/MP3/1 Pattern Book 1849-1888

TR RAN/MP3/2-13 Engineering Department

TR RAN/MP3/14-17 Plough Works

PATTERN MARK BOOK. **TR RAN/MP3/1** 1849(Jul)-1888

Bound vol

Contents:

In successive order of pattern marks A1-1000, B1-999 and C1-359. Marks were assigned chronologically. Format per entry is mark and description with customer where applicable. The range of products is extensive including general steam engineering, thrashing machinery, barn machinery and railway work. There are items made to special order and RSJ fittings and equipment; sundries include amongst many, tile machines, weighing machines, paper punching presses, telescopes, stoves and portable forges.

Engineering Department **TR RAN/MP3/2-13** [n.d.]

Arrangement: TR RAN/MP3/2-5 Vertical Oil Engines

TR RAN/MP3/6-9 Steam Engines

TR RAN/MP3/10-11 Steam Wagons

TR RAN/MP3/12-13 Traction Gearing

PARTS REGISTER - Vertical Oil Engines. **TR RAN/MP3/2** 1923

Bound vol

Contents:

In four sections:

- i. 1923(1 Jan) Complete parts list for standard Vertical Oil Engines. Arranged by drawing numbers, with part descriptions per number. 4 1/8 x 6" model pp 1-2 5 1/8 x 7 1/2" model pp 8-9.
- ii. 1923(1 Jan-31 Dec) Complete alteration list for Vertical Oil Engine parts. Format is old DN, new DN and alteration. 4 1/8 x 6" model pp 3-4. 5 1/8 x 7 1/2" model pp 10-11.
- iii. 1923 List of Vertical Oil Engines produced whose parts vary from the standard. In order of manufacturing [boiler] numbers with details of variations. 4 1/8 x 6" models. nos M 840-N 273 pp 5-7. 5 1/8 x 7 1/2" model nos M899-N259 pp 12-14.
- iv. 1923 List of Vertical Oil Engines rebuilt with additional or altered parts. Format as iii. 4 1/8 x 6" models. M665-N238 p 15. 5 1/8 x 7 1/2" model M662 & M668 pp16.

PARTS REGISTER - Vertical Oil Engines. **TR RAN/MP3/3** 1924

Bound volume

Contents:

Arrangement, format and pagination as TR RAN/MP3/2. Manufacturing nos Section iii M878-N710. Section iv is omitted. All dates are 1924.

PARTS REGISTER - Vertical Oil Engines. **TR RAN/MP3/4** 1925

Bound vol

Contents:

Arrangement and format as TR RAN/MP3/2 except per section:

- i. 1925(1 Jan) 4 1/2 x 6" model pp 1-2 5 1/8 x 7 1/2" model pp 6-8
- ii. 1925(1 Jan-31 Dec) 4 1/2 x 6" model pp 3 5 1/8 x 7 1/2" model 2" model pp 9
- iii. 1925 4 1/2 x 6" model nos N712-N992 pp 5. 5 1/8 x 7 1/2" model nos N716-O233 pp11-14.
- iv. 1925 List of special parts not on standard list in i. pp 4 & 10.

STANDING ORDERS for men sent out to outworks, repair and alteration jobs on vertical oil engines **TR RAN/MP3/5** [c 1920's]

Contents:

Including details of repair kit.

PARTS LIST for Compound Portable Steam Engine **TR RAN/MP3/6** 1929(5-6 Dec)

2 copies

Contents:

[Dutch Law requirements] Part nos 1-228. Gives description per part number.

PARTS LIST **TR RAN/MP3/7** 1929(5 Dec)

Contents:

BP of the above list with 7 BPs of the photographs of the parts concerned. PH N7233, 7236, 7240, 7241, 7253, 7263 and 7320 [7320 is captioned in the Photograph Album TR RAN/PH2/17 as Parts for a 90 BHP model].

LIST of Steam Engine wheel sizes, tyre widths and bores **TR RAN/MP3/8** [c 1920's]

Contents:

Arranged by different engine HPs.

FILE of orders for Steam Engine wearing parts. **TR RAN/MP3/9** 1946(18 Jun-14 Dec)

Contents:

Separate order per customer. Format per part is quantity required, description and DN of part, either ledger or standard list.

Goode, Durrant & Murray Ltd. **TR RAN/MP3/9/i** 18 Jun 1946

Contents:

10 NHP Colonial single cylinder portable Steam Engine no 30042.

United Africa Co Ltd 11" x 14" short stroke stationary Steam Engine no 1509194. **TR RAN/MP3/9/ii** 20 Jun 1946

United Africa Co Ltd 14 NHP portable Steam Engine no 30085 **TR RAN/MP3/9/iii** 3 Sep 1946

United Africa Co Ltd 9" x 12" RV vertical Steam Engine no 144384 **TR RAN/MP3/9/iv** 28 Sep 1946

United Africa Co Ltd 10 NHP SC portable Steam Engine no 33160 **TR RAN/MP3/9/v** 26 Aug 1946

United Africa Co Ltd 16 NHP DC portable Steam Engine no 35203 **TR RAN/MP3/9/vi** 29 Aug 1946

United Africa Co Ltd 40 NHP compound Girder Frame Stationary Steam Engine no 37076. **TR RAN/MP3/9/vii** 9 Dec 1946

James Latham SLX portable Steam Engine no 44105. **TR RAN/MP3/9/viii** 14 Dec 1946

PARTS LIST for "Ransome" Steam Wagon. **TR RAN/MP3/10** 1925(27 Mar)

Contents:

In order of part numbers SW 301-SW 734. Description per part with number needed in construction. List is preceded by "Remarks on ordering duplicate parts and fittings".

PARTS LIST for Ransome Steam Wagon. **TR RAN/MP3/11** [c 1925]

Contents:

Draft of the above list. No numbers are assigned and the list has additions and annotations subsequently embodied in its final form.

REGISTER of Steel Gearing. **TR RAN/MP3/12** [c 1920]-1948

Bound vol

Contents:

For Traction Engines, Road Locomotives, Ploughing Engines, Steam Tractors and Oil Tractors. Arranged in sections according to engine type and HP with a contents list at the front of the volume. Within each engine type, entries are in haphazard order. Format per entry is standard list number, gearing description, pattern mark, drawing office ledger number, old design number and remarks. Notes of pattern destruction are in red. The register is preceded by a list of iron and wood patterns destroyed, 1948(Nov).

LIST of weights of Traction Engine gearing 6NT and 7NT patterns. **TR RAN/MP3/12/1** 1917(6 Nov)

Contents:

List contains 9 entries arranged by pattern mark, with details of rough weight, approximate finished weight and standard list number.

LIST of steel castings, for Traction Engines, Steam Tractors, Road Locomotives and Ploughing Engines. **TR RAN/MP3/12/2** [c 1920]

Contents:

Arranged under engine type and HP as register. Format per entry as register.

LIST of 18 gearing pattern marks with corresponding standard list numbers as supplied to Drawing Office by Buying Department. **TR RAN/MP3/12/3** 1920(13 May)

LIST of 9 types of steel castings ordered from Reichwald for Knupp [by RSJ]. **TR RAN/MP3/12/4** 1920(8 Sep)

Contents:

Each entry states number of items, description, pattern number and drawing office ledger/standard list number

LIST of weights of rough steel gearing. **TR RAN/MP3/12/5** 1923(30 Apr)

Contents:

For Traction Engines, Road Locomotives, Steam Tractors, Plough Engines and Oil Tractor. Arranged under pattern mark, with details per entry of HP and Engine type, Description and Weight [in cwt,qtrs and lbs].

SUPPLY BOOK of Steel Gearing for spare parts and outworks. **TR RAN/MP3/13** 1924(Jan)-1937(Sep)

Bound vol

Contents:

For Traction Engines, Ploughing Engines, Steam Wagons, Steam Tractors, In chronological order of supply. Format per entry is date [of dispatch], quantity, description [of gearing only pre 1927 (Mar), thereafter includes engine type supplied for customer and order number], pattern mark, quantity in stock, balance over, to order and remarks.

PARTS REGISTER - Ploughs and implements. **TR RAN/MP3/14** 1870-1955

Contents:

The register was commenced in 1870. In 1901 most extant entries for plough breasts, slades and shares were transferred to new registers, but entries continued to be made at the rear of the register for specific plough types and implements. Notes of obsolescence, destruction and scrapping of patterns are in red and were added up to 1955. There is sectional overspill.

i. Breasts. Ff 3-60, 140-152 and 160-169. In alphabetical order of mark, then in numerical sequence of part numbers. Format per entry is date [of initial manufacture], mark and type, long, deep, lbs, rest, lbs, authority, prices and remarks. The section is preceded by a list of breast marks minus patterns or templates as at 1870(May).

ii. Slades. Ff 61-90 and 190-191. Arranged as i. Format per entry is date [of initial manufacture], mark and type, long, wide, lbs, authority, prices and remarks. The section is preceded by a list of slade marks minus patterns as at 1870(May).

iii. Shares. Ff 91-139 and 154. Arranged as i. Format per entry is date [of initial manufacture], mark and type, patent or common share, long, wide, "share" page, weight per dozen, authority and remarks.

iv. Sundry parts for various plough types. The arrangement of these entries is haphazard. There is an alphabetical index of plough marks concerned at the front of the register. Format is date, part number, description and application.

v. Implement parts. The arrangement of these entries is haphazard. Format as iv. Contents:

a. 1890-1946 Potato Diggers. Mark PD. Ff 250, 226-228, 210.

b. 1907-1955 Mealie Planters. Mark MP. Ff 244, 241, 235-6.

c. 1901-1911 Swath Turners (Jarmain's and Phillips' patents). Mark SWT. Ff261

d. [c 1910] Root or Turnip Thinner. Mark RT. Ff 250

e. 1895-1923 "Ipswich" section spring tooth Cultivator (Bamford's patent). Mark RC. Ff 226 and 241.

f. 1907-1940 "Orwell" and "Triplex" cultivators. Mark RCC. Ff 262, 245, 229, 214-216.

g. 1905 "Canterbury" Hop and Fruit Cultivator. Mark CHC. Ff 253

h. 1902 Disc Cultivator for Indian Tea Gardens. Mark ITC. Ff 259.

i. [c 1905] 7 Tine Cultivator for Hop Grounds. Mark VTC. Ff 259.

j. 1892-1896 Potato Planters. Marks PPDT, PPDF and PP. Ff 283 and 260.

PARTS REGISTER - Ploughshares. **TR RAN/MP3/15** 1840-1955

Bound vol

Contents:

The volume was probably commenced in 1901 with the transfer of all extant entries from earlier parts register and with entries added thereafter up to 1955. Notes of destruction, obsolescence and scrapping of patterns are in red. The register is in two sections.

- i. Slade Marks In alphabetical order
 - ii. Slade Part Numbers In numerical order
- Format per entry is date [when first manufactured], mark or number, description, length, width, weight in lbs per dozen, authority and remarks. The following items are affixed to the register.
- i. 1913(31 Jan) Note concerning distribution of 632, 637, 1129 and 1131 shares through F Smith of Basingstoke. Front end paper.
 - ii. 1942(8 Jul) List of weights of certain shares, provided by foundry. Front end paper.
 - iii. 1947(21 Jun) Note of general price increase for patent shares. Front end paper.
 - iv. 1946(21 Dec) Note concerning scrapping of Howard's patterns for skifes, bottoms and necks. Front end paper.
 - v. 1909 Two notes concerning A19½ and A1½ shares. P 2
 - vi. [c 1923] Drawing of trade mark for DP 4R and DP3R shares. P 38.
 - vii. 1930(18 Feb) Extract from letter concerning D 3 shares. P 40.
 - viii. 1905(1 Sep) Note concerning alteration of pattern weight for JNF 75F shares.

PARTS REGISTER -plough breasts, slades and wheels, Haymakers and Hay Rakes. **TR RAN/MP3/16** 1844-1954

Bound vol

Contents:

The volume was commenced in 1901 (May), with the transfer of all extant entries from 4 earlier parts registers and with new entries added thereafter up to 1954. Notes of destruction, obsolescence and scrapping of patterns are in red. The register is in 5 sections.

- i. 1863-1954 Breasts. pp 7-177. In alphabetical order of mark. Format per entry is mark and number, date of manufacture, dimensions, weight in lbs and description.
- ii. 1844-1954 Slades. pp 183-239. Arrangement and format as i.
- iii. 1867-1951 Plough wheels and Implement wheels. pp 240-257. In order of wheel pattern numbers. Format per entry is pattern number, height, width of rim, length of nave, size of hole, number of spokes, weight in lbs and description. [Manufacturing dates are omitted prior to pattern no 247 in 1867]. Pattern nos 1-531.
- iv. 1870-1934 Horse Rakes. pp 407-435. Divided into rake types. "Star" rakes 1870-1886; Anglo-American rakes 1878-1881; Self acting rakes 1883-1934; STD rake 1902; D Rake 1896; Each type is arranged in order of part numbers. Format per entry is dates, description, number, application.
- v. 1875-1916 Haymakers. pp 501-515. Divided into haymaker types. "Universal" haymakers 1877-1850; "Star" haymaker 1868-1873; "Ipswich" haymaker 1883-1916; Arrangement per type and format as iv.

The following items are affixed to the register.

- a. 1944(10 Mar) Memorandum concerning cast breasts for RSJ and Howards ploughs sold in small quantities. Front end paper.

- b. [c 1920] Note concerning renaming of RBR breasts as RCR. p 138.
- c. 1905(10 Mar) Note concerning supersedence of TCPB slade by TCPB4. p 216

PARTS REGISTER - Plough sundries. **TR RAN/MP3/17** 1842-1956

Bound vol

Contents:

The volume was probably commenced 1901 with the transfer of all extant entries from earlier parts registers and with entries added thereafter up to 1956. Notes of destruction, obsolesence and scrapping patterns in red.

i. Sundry types. pp 7-314. Each section is in general alphabetical order of sundry marks. Wood beams, blades, bodies, braces, bucks, chaps, cleats and clasps, collars, wrought coulter, coulters, coulters boxes, coulters plates, coulters shanks, skim coulter, coulters sockets, cart couplings, cutters, grounds, gallows and wheels, grease boxes, heads, hakes, wood handles, heel pieces and heel clouts, joints, landsides, metal, necks, nosepieces, foot catches, points for bucks and shares, pads and bolts, pinion and clutch, rests, frames or skifes, hoe sundries, prongs for potato bodies, side brakes, sidecaps, side plates, scraper bosses, screw sockets and bolts, skim breasts, skim breastings, skim shares, sledge castings, sockets, spanners, tailpieces, wings, wrests, "Epic" sundries, spring boxes for lifting levers, top scrapers, disc coulters parts, hinges for markers, UGBP bar point body parts, test irons, dust covers, brackets, adaptors, packing pieces, BL parts, CS parts, UN and UNJ plough parts, VIN and JUM plough parts. Format is date [of initial manufacture], mark, weight in lbs and description.

ii. Sundries for specific plough and sundry part types. pp 344-406. Stubble breaker - RSB, RCMX and RDG [deep digger tractor ploughs made by Ruston and Hornsby Ltd], AD, IZ, DC, DMC - BP parts, CCY parts, CX parts, CY parts, DMC, DY. HIN. 143, DFT, MB, PY, DYH, WT, FCP, EC and ECA, CBP. Format is per i. but no weights.

iii. Sundries for specific plough types, arranged in alphabetical order of plough mark. pp 407-447. Format as ii. The following are appended. RBT, RCH3 and RCH5 wedge hoe, RDM, RQRH, RQS, ACW, RCYD, Mon, JAT, SLM, RMTM, IBP, Hamilton disc cultivator, EMPD, BAM, RYLT, "King" disc harrow, RTP, CEN, RCLD, VY, RSLD, RCSM, DU, DDM.

iv. Plough castings. In numerical order of casting numbers. PC1-2123. pp 451-500 and 541-545. Format as ii.

v. Sundries for specific plough types. pp 501-536. Bantam plough, SL, DM, ELR, TOR, Tandem disc harrows, SH, B4, GK, ML, GC, CGK, UD, DIT, UDBP, GBP, MGT, MC, MGS, EMC, GT, DH, Format as ii.

vi. Miscellaneous castings, in numerical order of casting numbers CM1-106. pp 561-563. Format as ii.

There is an index to parts ii, iii and iv arranged by mark, at the front of the volume.

The following items are affixed to the register.

- a. Note concerning new RN wheel cleat.
- b. 1945(23 Apr) Memorandum concerning further supplies of share point no 202.