

| | |
|-----------------------|--|
| TR 16RAN | RANSOMES, SIMS AND JEFFERIES LTD - deposit 16 1930s-1960s |
| <u>TR 16RAN ET3</u> | <u>Technical reference records - general - patents 1930s-1980</u> |
| TR 16RAN ET3/1 | <i>Registers of patents</i> |
| TR 16RAN ET3/1/1 | Register of English and Foreign patents and trade marks Includes patentee, subject of patent, number, date of patent, patent expires, stamp duties and other expenses and in what other countries patented. With an index and some loose schedules of patents and correspondence 1 vol, 1 folder 1877-1960s |
| TR 16RAN ET3/1/2 | Letters patent register for the United Kingdom Includes patent number, country, patentee, invention and duration 1 vol 1939-1989 |
| TR 16RAN ET3/1/3 | Register of overseas letters patent Includes country, number, patentee, invention and duration 1 vol 1962-1988 |
| TR 16RAN ET3/2 | <i>Patents</i> |
| TR 16RAN ET3/2/1 | Letters Patent - Argentina Number 84437 Mounted elevator digger Mk II 29 Apr 1952 |
| TR 16RAN ET3/2/2 | Letters Patent - Australia 3 docs 1959-1974 |
| TR 16RAN ET3/2/2/1 | Letters Patent - Australia No. 45324 Improvements in engine starters 27 Jan 1959 |

| | |
|-----------------------|---|
| TR 16RAN ET3/2/2/2 | Letters Patent - Australia No. 252120 Improvements in vehicles and transmission systems therefor 19 Mar 1962 |
| TR 16RAN ET3/2/2/3 | Letters Patent - Australia No. 493044 Improvements in speed control mechanisms for vehicles 21 Mar 1974 |
| TR 16RAN ET3/2/3 | Letters Patent - Austria Number 201943 Improvements in or relating to clutches 15 Jun 1957 |
| TR 16RAN ET3/2/4 | Letters Patent - Belgium 19 docs 1962-1978 |
| TR 16RAN ET3/2/4/1 | Letters Patent - Belgium No. 613278 Improvements in or relating to clutches 30 Jan 1962 |
| TR 16RAN ET3/2/4/2 | Letters Patent - Belgium No. 629592 Improvements in or relating to ploughs 14 Mar 1963 |
| TR 16RAN ET3/2/4/3 | Letters Patent - Belgium No. 639431 Improvements relating to combine harvesters 31 Oct 1963 |
| TR 16RAN ET3/2/4/4 | Letters Patent - Belgium No. 639432 Improvements relating to grain threshing mechanisms 31 Oct 1963 |

| | |
|------------------------|--|
| TR 16RAN ET3/2/4/5 | Letters Patent - Belgium No. 641327 Improvements in or relating to Combine Harvesters 16 Dec 1963 |
| TR 16RAN ET3/2/4/6 | Letters Patent - Belgium No. 641328 Improvements in or relating to Combine Harvesters 16 Dec 1963 |
| TR 16RAN ET3/2/4/7 | Letters Patent - Belgium No. 653706 Improvements relating to ploughs 29 Sept 1964 |
| TR 16RAN ET3/2/4/8 | Letters Patent - Belgium No. 696510 Improvements in or relating to combine harvesters 3 Apr 1967 |
| TR 16RAN ET3/2/4/9 | Letters Patent - Belgium No. 697834 Improvements in or relating to combine harvesters 28 Apr 1967 |
| TR 16RAN ET3/2/4/10 | Letters Patent - Belgium No. 731671 Adjustable hitch for ploughs 17 Apr 1969 |
| TR 16RAN ET3/2/4/11 | Letters Patent - Belgium No. 797318 Improvements in or relating to drive mechanisms 26 Mar 1973 |

| | |
|------------------------|--|
| TR 16RAN ET3/2/4/12 | Letters Patent - Belgium No. 812692 Improvements in motor driven vehicles 22 Mar 1974 |
| TR 16RAN ET3/2/4/13 | Letters Patent - Belgium No. 812693 Improvements in speed control mechanisms for vehicles 22 Mar 1974 |
| TR 16RAN ET3/2/4/14 | Letters Patent - Belgium No. 833460 Improvements in ploughs 16 Sept 1975 |
| TR 16RAN ET3/2/4/15 | Letters Patent - Belgium No. 837420 Improvements in multi furrow ploughs 9 Jan 1976 |
| TR 16RAN ET3/2/4/16 | Letters Patent - Belgium No. 862526 Improvements in reversible ploughs 30 Dec 1977 |
| TR 16RAN ET3/2/4/17 | Letters Patent - Belgium No. 862527 Improvements in reversible ploughs 30 Dec 1977 |
| TR 16RAN ET3/2/4/18 | Letters Patent - Belgium No. 864194 Improvements in reversible ploughs 22 Feb 1978 |

| | |
|------------------------|---|
| TR 16RAN ET3/2/4/19 | Letters Patent - Belgium No. 864503 Improvements in tines for stubble cultivation 2 Mar 1978 |
| TR 16RAN ET3/2/4/20 | Letters Patent - Belgium No. 866945 Improvements in reversible ploughs 11 May 1978 |
| TR 16RAN ET3/2/5 | Letters Patent - Canada 9 docs 1958-1981 |
| TR 16RAN ET3/2/5/1 | Letters Patent - Canada No. 565644 Tractor implement hitch 4 Nov 1958 |
| TR 16RAN ET3/2/5/2 | Letters Patent - Canada No. 766923 Improvements in engine starters 26 Jan 1959 |
| TR 16RAN ET3/2/5/3 | Letters Patent - Canada No. 732090 Vehicles and transmission systems therefor 12 Apr 1966 |
| TR 16RAN ET3/2/5/4 | Letters Patent - Canada No. 736260 Grain threshing mechanisms 14 Jun 1966 |
| TR 16RAN ET3/2/5/5 | Letters Patent - Canada No. 760165 Combine harvesters 6 Jun 1967 |

| | |
|-----------------------|--|
| TR 16RAN ET3/2/5/6 | Letters Patent - Canada No. 762678 Combine harvesters 11 Jul 1967 |
| TR 16RAN ET3/2/5/7 | Letters Patent - Canada No. 986316 Lawn mowers 30 Mar 1976 |
| TR 16RAN ET3/2/5/8 | Letters Patent - Canada No. 989709 Speed control mechanisms for vehicles 25 May 1976 |
| TR 16RAN ET3/2/5/9 | Letters Patent - Canada No. 989709 Reversible ploughs 10 Mar 1981 |
| TR 16RAN ET3/2/6 | Letters Patent - Denmark 8 docs 1962-1967 |
| TR 16RAN ET3/2/6/1 | Letters Patent - Denmark No. 103700 Improvements in dressing shoes for grain threshing mechanisms 10 Oct 1962 |
| TR 16RAN ET3/2/6/2 | Letters Patent - Denmark No. 108550 Inlet grain 30 Oct 1963 |

| | |
|-----------------------|---|
| TR 16RAN ET3/2/6/3 | Letters Patent - Denmark No. 106702 Improvements relating to combine harvesters 30 Oct 1963 |
| TR 16RAN ET3/2/6/4 | Letters Patent - Denmark No. 105241 Improvements in or relating to combine harvesters 13 Dec 1963 |
| TR 16RAN ET3/2/6/5 | Letters Patent - Denmark No. 107262 Improvements in or relating to combine harvesters 13 Dec 1963 |
| TR 16RAN ET3/2/6/6 | Letters Patent - Denmark No. 106997 Reel adjusting mechanisms 9 Jul 1964 |
| TR 16RAN ET3/2/6/7 | Letters Patent - Denmark No. 111996 Combination feeds means and auxiliary threshing cylinder for a thresher 30 Jan 1965 |
| TR 16RAN ET3/2/6/8 | Letters Patent - Denmark No. 121208 Control of forward speed of combines 26 Apr 1967 |
| TR 16RAN ET3/2/7 | Letters Patent - France 38 docs 1956-1976 |

| | |
|-----------------------|---|
| TR 16RAN ET3/2/7/1 | Letters Patent - France No. 1189835 Improvements in or relating to clutches 4 Jun 1956 |
| TR 16RAN ET3/2/7/2 | Letters Patent - France No. 1313471 Improvements in or relating to ploughs 1 Feb 1962 |
| TR 16RAN ET3/2/7/3 | Letters Patent - France No. 1317726 Improvements in vehicle and transmission systems therefor 15 Mar 1962 |
| TR 16RAN ET3/2/7/4 | Letters Patent - France No. 1346304 Improvements in dressing shoes for grain threshing mechanisms 6 Oct 1962 |
| TR 16RAN ET3/2/7/5 | Letters Patent - France No. 1436553 Improvements in or relating to ploughs 13 Mar 1963 |
| TR 16RAN ET3/2/7/6 | Letters Patent - France No. 1359476 Improvements in or relating to liquid reservoir tanks 6 May 1963 |
| TR 16RAN ET3/2/7/7 | Letters Patent - France No. 1362170 Improvements in or relating to fork lift trucks 26 Jun 1963 |

| | |
|------------------------|--|
| TR 16RAN ET3/2/7/8 | Letters Patent - France No. 1372502 Control apparatus for controlling operation of a plurality of fluid pressure operated rams 26 Jun 1963 |
| TR 16RAN ET3/2/7/9 | Letters Patent - France No. 1374637 Grain threshing mechanisms 30 Oct 1963 |
| TR 16RAN ET3/2/7/10 | Letters Patent - France No. 1403644 Improvements relating to combine harvesters 30 Oct 1963 |
| TR 16RAN ET3/2/7/11 | Letters Patent - France No. 1377738 Combine harvesters 12 Dec 1963 |
| TR 16RAN ET3/2/7/12 | Letters Patent - France No. 1377739 Improvements in or relating to combine harvesters 12 Dec 1963 |
| TR 16RAN ET3/2/7/13 | Letters Patent - France No. 1391423 Improvements in grain cleaning mechanisms 24 Apr 1964 |
| TR 16RAN ET3/2/7/14 | Letters Patent - France No. 399029 Improvements in fork lift reach truck 21 May 1964 |

- TR 16RAN
ET3/2/7/15 Letters Patent - France
No. 1404777
Improvements in or relating to grain harvesting machines
9 Jul 1964
- TR 16RAN
ET3/2/7/16 Letters Patent - France
No. 1422781
Improvements in grain threshing mechanisms
28 Jan 1965
- TR 16RAN
ET3/2/7/17 Letters Patent - France
No. 1422816
Improvements in combine harvesters
29 Jul 1965
- TR 16RAN
ET3/2/7/18 Letters Patent - France
No. 1422927
Improvements in combine harvesters
10 Aug 1965
- TR 16RAN
ET3/2/7/19 Letters Patent - France
No. 1472391
Improvements in static switching controllers for effecting motor
and disconnection from the motor of a battery
11 Mar 1966
- TR 16RAN
ET3/2/7/20 Letters Patent - France
No. 1472392
Improvements in vehicle braking systems
11 Mar 1966
- TR 16RAN
ET3/2/7/21 Letters Patent - France
No. 1517513
Improvements in or relating to combine harvesters
4 Apr 1967

| | |
|------------------------|--|
| TR 16RAN ET3/2/7/22 | Letters Patent - France No. 1520965 Improvements in or relating to combine harvesters 26 Apr 1967 |
| TR 16RAN ET3/2/7/23 | Letters Patent - France No. 1600978 Improvements in or relating to fork lift trucks 27 Dec 1968 |
| TR 16RAN ET3/2/7/24 | Letters Patent - France No. 1558824 1 doc 20 Jan 1969 |
| TR 16RAN ET3/2/7/25 | Letters Patent - France No. 6924266 Multivibrators 16 Jul 1969 |
| TR 16RAN ET3/2/7/26 | Letters Patent - France No. 27013453 Fork lift reach trucks 16 Jul 1969 |
| TR 16RAN ET3/2/7/27 | Letters Patent - France No. 2019964 Improvements in or relating to combine harvesters 3 Oct 1969 |
| TR 16RAN ET3/2/7/28 | Letters Patent - France No. 2114917 Improvements in or relating to planting machines 19 Nov 1971 |

| | |
|------------------------|--|
| TR 16RAN ET3/2/7/29 | Letters Patent - France No. 2178669 Improvements in or relating to drive mechanisms 27 Mar 1973 |
| TR 16RAN ET3/2/7/30 | Letters Patent - France No. 7335351 Improvements in reach trucks 3 Oct 1973 |
| TR 16RAN ET3/2/7/31 | Letters Patent - France No. 7335352 Improvements in vehicle steering mechanisms 3 Oct 1973 |
| TR 16RAN ET3/2/7/32 | Letters Patent - France No. 7338806 Improvements in root harvesters 31 Oct 1973 |
| TR 16RAN ET3/2/7/33 | Letters Patent - France No. 7338809 Improvements in root harvesters 31 Oct 1973 |
| TR 16RAN ET3/2/7/34 | Letters Patent - France No. 7338807 Improvements in trailed beet harvesters 31 Oct 1973 |
| TR 16RAN ET3/2/7/35 | Letters Patent - France No. 7338810 Improvements in multi row beet harvesters 31 Oct 1973 |

| | |
|------------------------|--|
| TR 16RAN ET3/2/7/36 | Letters Patent - France No. 7410022 Improvements in speed control mechanisms for vehicles 22 Mar 1974 |
| TR 16RAN ET3/2/7/37 | Letters Patent - France No. 7600071 Improvements in multi furrow ploughs 13 Aug 1976 |
| TR 16RAN ET3/2/7/38 | Letters Patent - France No. 2001421 1 doc 26 Sept 1969 |
| TR 16RAN ET3/2/8 | Letters Patent - Germany 10 docs 1959-1969 |
| TR 16RAN ET3/2/8/1 | Letters Patent - Germany No. R248151a/46c5 Improvements in engine starters 22 Jan 1959 |
| TR 16RAN ET3/2/8/2 | Letters Patent - Germany No. 1217873 Improvements in reach trucks 5 Oct 1961 |
| TR 16RAN ET3/2/8/3 | Letters Patent - Germany No. 1217873 Improvements in or relating to fork lift trucks 9 Dec 1961 |
| TR 16RAN ET3/2/8/4 | Letters Patent - Germany No. 1236266 Stepped sieve 10 Oct 1962 |

| | |
|------------------------|---|
| TR 16RAN ET3/2/8/5 | Letters Patent - Germany No. 1455770 Liquid reservoir tanks for vehicles 10 May 1963 |
| TR 16RAN ET3/2/8/6 | Letters Patent - Germany No. 1426562 Improvements in control apparatus for controlling operation of a plurality of fluid pressure operated rams 26 Jun 1963 |
| TR 16RAN ET3/2/8/7 | Letters Patent - Germany No. 1234441 Improvements relating to grain harvesting threshing mechanisms 30 Oct 1963 |
| TR 16RAN ET3/2/8/8 | Letters Patent - Germany No. 1431475 Front wheel drive for reach trucks 22 May 1964 |
| TR 16RAN ET3/2/8/9 | Letters Patent - Germany No. 1244460 Double drum 29 Jan 1965 |
| TR 16RAN ET3/2/8/10 | Letters Patent - Germany No. 1936814 Fork lift reach trucks 20 Jul 1969 |
| TR 16RAN ET3/2/9 | Letters Patent - Great Britain 102 docs 1939-1980 |

| | |
|-----------------------|--|
| TR 16RAN ET3/2/9/1 | Letters Patent - Great Britain No. 523693 Improvements connected with the exhaust valves of internal combustion engines 12 Jan 1939 |
| TR 16RAN ET3/2/9/2 | Letters Patent - Great Britain No. 523694 Improvements in and relating to the manufacture of cast cylinder blocks for internal combustion engines 12 Jan 1939 |
| TR 16RAN ET3/2/9/3 | Letters Patent - Great Britain No. 529814 Improvements in electrically propelled trucks 8 Jun 1939 |
| TR 16RAN ET3/2/9/4 | Letters Patent - Great Britain No. 586998 Improvements in or relating to potato harvest or the like harvesting machinery 25 May 1944 |
| TR 16RAN ET3/2/9/5 | Letters Patent - Great Britain No. 623886 Improvements in or relating to potato harvesting machines 28 May 1947 |
| TR 16RAN ET3/2/9/6 | Letters Patent - Great Britain No. 696460 Improvements in profile grinding or polishing machines 17 Oct 1952 |
| TR 16RAN ET3/2/9/7 | Letters Patent - Great Britain No. 696461 Improvements in profile grinding or polishing machines 17 Oct 1952 |

| | |
|------------------------|--|
| TR 16RAN ET3/2/9/8 | Letters Patent - Great Britain No. 739599 Improvements in industrial stacking trucks 1 Jun 1954 |
| TR 16RAN ET3/2/9/9 | Letters Patent - Great Britain No. 751465 Improvements in kick starters for internal combustion engines 22 Oct 1954 |
| TR 16RAN ET3/2/9/10 | Letters Patent - Great Britain No. 813242 Improvements in or relating to grain driers 5 Dec 1956 |
| TR 16RAN ET3/2/9/11 | Letters Patent - Great Britain No. 813206 Improvements in combine harvesters 8 Nov 1957 |
| TR 16RAN ET3/2/9/12 | Letters Patent - Great Britain No. 813207 Improvements in shaker bearings for threshing machines 8 Nov 1957 |
| TR 16RAN ET3/2/9/13 | Letters Patent - Great Britain No. 854505 Improvements in control mechanisms for combined harvesters 8 Nov 1957 |
| TR 16RAN ET3/2/9/14 | Letters Patent - Great Britain No. 862015 Improvements in grain harvesting machines 8 Nov 1957 |

| | |
|------------------------|--|
| TR 16RAN ET3/2/9/15 | Letters Patent - Great Britain No. 911626 Improvements in ploughshares 17 Mar 1959 |
| TR 16RAN ET3/2/9/16 | Letters Patent - Great Britain No. 927269 Improvements in driers 4 Nov 1959 |
| TR 16RAN ET3/2/9/17 | Letters Patent - Great Britain No. 927787 Improvements in gravity feed driers 4 Nov 1959 |
| TR 16RAN ET3/2/9/18 | Letters Patent - Great Britain No. 927854 Improvements in plough shares 13 Jan 1960 |
| TR 16RAN ET3/2/9/19 | Letters Patent - Great Britain No. 920102 Improvements in reach trucks 29 Sept 1961 |
| TR 16RAN ET3/2/9/20 | Letters Patent - Great Britain No. 920680 Improvements in or relating to fork lift trucks 27 Oct 1961 |
| TR 16RAN ET3/2/9/21 | Letters Patent - Great Britain No. 928361 Improvements in or relating to ploughs 16 Jan 1962 |

| | |
|------------------------|---|
| TR 16RAN ET3/2/9/22 | Letters Patent - Great Britain No. 940347 Improvements in vehicles and transmission systems therefor 6 Mar 1962 |
| TR 16RAN ET3/2/9/23 | Letters Patent - Great Britain No. 1002141 Improvements relating to agricultural tractors 3 Apr 1962 |
| TR 16RAN ET3/2/9/24 | Letters Patent - Great Britain No. 939075 Improvements in dressing shoes for grain threshing machines 6 Sept 1962 |
| TR 16RAN ET3/2/9/25 | Letters Patent - Great Britain No. 964979 Improvements in dressing shoes for grain threshing mechanisms 6 Sept 1962 |
| TR 16RAN ET3/2/9/26 | Letters Patent - Great Britain No. 1029370 Improvements in dressing shoes for grain threshing mechanisms 6 Sept 1962 |
| TR 16RAN ET3/2/9/27 | Letters Patent - Great Britain No. 953985 Improvements in or relating to ploughs 28 Feb 1963 |
| TR 16RAN ET3/2/9/28 | Letters Patent - Great Britain No. 955539 Improvements in vehicle steering mechanisms 1 Mar 1963 |

- TR 16RAN
ET3/2/9/29 Letters Patent - Great Britain
No. 963658
Improvements in or relating to liquid reservoir tanks, suitably,
for vehicles
25 Apr 1963
- TR 16RAN
ET3/2/9/30 Letters Patent - Great Britain
No. 975450
Improvements in or relating to fork lift trucks
17 Jun 1963
- TR 16RAN
ET3/2/9/31 Letters Patent - Great Britain
No. 1030153
Improvements in apparatus for controlling operation of plurality
of fluid pressure operated rams
17 Jun 1963
- TR 16RAN
ET3/2/9/32 Letters Patent - Great Britain
No. 976946
Improvements in electric battery casings
24 Jun 1963
- TR 16RAN
ET3/2/9/33 Letters Patent - Great Britain
No. 1032393
Improvements in drive axle assemblies
3 Sept 1963
- TR 16RAN
ET3/2/9/34 Letters Patent - Great Britain
No. 977289
Improvements in or relating to battery driven masted fork lift
trucks
26 Sept 1963
- TR 16RAN
ET3/2/9/35 Letters Patent - Great Britain
No. 980473
Improvements relating to combine harvesters
31 Oct 1963

| | |
|------------------------|--|
| TR 16RAN ET3/2/9/36 | Letters Patent - Great Britain No. 982530 Improvements in grain threshing machines 31 Oct 1963 |
| TR 16RAN ET3/2/9/37 | Letters Patent - Great Britain No. 1004408 Improvements relating to grain threshing mechanisms 31 Oct 1963 |
| TR 16RAN ET3/2/9/38 | Letters Patent - Great Britain No. 993374 Improvements in or relating to combine harvesters 12 Dec 1963 |
| TR 16RAN ET3/2/9/39 | Letters Patent - Great Britain No. 1037178 Improvements in or relating to combine harvesters 12 Dec 1963 |
| TR 16RAN ET3/2/9/40 | Letters Patent - Great Britain No. 1062793 Improvements in or relating to ploughs 13 Mar 1964 |
| TR 16RAN ET3/2/9/41 | Letters Patent - Great Britain No. 1034283 Improvements in or relating to grain cleaning mechanisms 17 Apr 1964 |
| TR 16RAN ET3/2/9/42 | Letters Patent - Great Britain No. 298720 Improvements in or relating to ploughs 18 May 1964 |

| | |
|------------------------|--|
| TR 16RAN ET3/2/9/43 | Letters Patent - Great Britain No. 1092281 Improvements in fork lift reach trucks 20 May 1964 |
| TR 16RAN ET3/2/9/44 | Letters Patent - Great Britain No. 1052432 Improvements in or relating to switch controllers for electrically driven vehicles 29 May 1964 |
| TR 16RAN ET3/2/9/45 | Letters Patent - Great Britain No. 299024 Improvements relating to grain threshing mechanisms (inlet grid) 8 Jun 1964 |
| TR 16RAN ET3/2/9/46 | Letters Patent - Great Britain No. 1000095 Improvements in or relating to grain harvesting machines 9 Jul 1964 |
| TR 16RAN ET3/2/9/47 | Letters Patent - Great Britain No. 1029112 Improvements in semi automatic reversing mechanism for mounted reversible disc plough 30 Mar 1965 |
| TR 16RAN ET3/2/9/48 | Letters Patent - Great Britain No. 1014465 Improvements in grain threshing mechanisms 26 Jun 1965 |
| TR 16RAN ET3/2/9/49 | Letters Patent - Great Britain No. 1039827 Improvements in internal combustion engine air pre-cleaners 30 Jul 1965 |

| | |
|------------------------|--|
| TR 16RAN ET3/2/9/50 | Letters Patent - Great Britain No. 1064856 Signalling device 30 Jul 1965 |
| TR 16RAN ET3/2/9/51 | Letters Patent - Great Britain No. 1111431 Improvements in combine harvesters 30 Jul 1965 |
| TR 16RAN ET3/2/9/52 | Letters Patent - Great Britain No. 1123022 Improvements in static switching controllers for effecting connection to a D.C. electric motor and disconnection from the motor of a battery 10 Mar 1966 |
| TR 16RAN ET3/2/9/53 | Letters Patent - Great Britain No. 1137881 Improvements in vehicle braking systems 10 Mar 1966 |
| TR 16RAN ET3/2/9/54 | Letters Patent - Great Britain No. 1154721 Improvements in combine harvesters 16 Jun 1966 |
| TR 16RAN ET3/2/9/55 | Letters Patent - Great Britain No. 1165891 Improvements in static switching controllers for effecting connection to a D.C electric motor and disconnection from the motor of a battery 28 Sept 1966 |

- TR 16RAN
ET3/2/9/56 Letters Patent - Great Britain
No. 1165892
Improvements in static switching controllers for effecting
connection to a D.C electric motor and disconnection from the
motor of a battery
28 Sept 1966
- TR 16RAN
ET3/2/9/57 Letters Patent - Great Britain
No. 1165893
Improvements in static switching controllers for effecting
connection to a D.C electric motor and disconnection from the
motor of a battery
28 Sept 1966
- TR 16RAN
ET3/2/9/58 Letters Patent - Great Britain
No. 1165894
Improvements in static switching controllers for effecting
connection to a D.C electric motor and disconnection from the
motor of a battery
28 Sept 1966
- TR 16RAN
ET3/2/9/59 Letters Patent - Great Britain
No. 1165885
Improvements in sprayers and shut off valves therefor
7 Dec 1966
- TR 16RAN
ET3/2/9/60 Letters Patent - Great Britain
No. 1172522
Improvements in or relating to apparatus for the drying of grain
or other granular material
24 Jan 1966
- TR 16RAN
ET3/2/9/61 Letters Patent - Great Britain
No. 1172523
Improvements in or relating to apparatus for the drying of grain
or other granular material
24 Jan 1967

- TR 16RAN
ET3/2/9/62 Letters Patent - Great Britain
No. 1172524
Improvements in or relating to apparatus for the drying of grain
or other granular material
24 Jan 1967
- TR 16RAN
ET3/2/9/63 Letters Patent - Great Britain
No. 110687
Improvements in combine harvesters
29 Mar 1967
- TR 16RAN
ET3/2/9/64 Letters Patent - Great Britain
No. 1184542
Improvements in or relating to combine harvesters
30 Mar 1967
- TR 16RAN
ET3/2/9/65 Letters Patent - Great Britain
No. 1188502
Control of forward speed combine harvesters
24 Apr 1967
- TR 16RAN
ET3/2/9/66 Letters Patent - Great Britain
No. 1184894
Improvements in or relating to combine harvesters
28 Apr 1967
- TR 16RAN
ET3/2/9/67 Letters Patent - Great Britain
No. 1200895
Improvements in electrically operated drive systems
13 Nov 1967
- TR 16RAN
ET3/2/9/68 Letters Patent - Great Britain
No. 1214651
Improvements in or relating to multi furrow reversible disc
ploughs
29 Dec 1967

| | |
|------------------------|---|
| TR 16RAN ET3/2/9/69 | Letters Patent - Great Britain No. 1213985 Improvements in combine harvesters 29 Mar 1968 |
| TR 16RAN ET3/2/9/70 | Letters Patent - Great Britain No. 1197970 Improvements in or relating to fork lift trucks 24 Dec 1968 |
| TR 16RAN ET3/2/9/71 | Letters Patent - Great Britain No. 1273555 Improvements in fork lift reach trucks 21 Jul 1969 |
| TR 16RAN ET3/2/9/72 | Letters Patent - Great Britain No. 1280464 Improvements in or relating to combine harvesters 29 Sept 1969 |
| TR 16RAN ET3/2/9/73 | Letters Patent - Great Britain No. 1299176 Improvements in prime mover assemblies for battery propelled land vehicles 12 Jan 1970 |
| TR 16RAN ET3/2/9/74 | Letters Patent - Great Britain No. 1301844 Improvements in combine harvesters 23 Feb 1970 |
| TR 16RAN ET3/2/9/75 | Letters Patent - Great Britain No. 1308294 Improvements in storage tanks 13 Apr 1970 |

| | |
|------------------------|--|
| TR 16RAN ET3/2/9/76 | Letters Patent - Great Britain No. 1314822 Improvements in or relating to self propelled beet harvesters 1 May 1970 |
| TR 16RAN ET3/2/9/77 | Letters Patent - Great Britain No. 1361403 Improvements in or relating to planting machines 1 Jul 1971 |
| TR 16RAN ET3/2/9/78 | Letters Patent - Great Britain No. 1377606 Improvements in or relating to planting machines 17 Nov 1971 |
| TR 16RAN ET3/2/9/79 | Letters Patent - Great Britain No. 1381708 Improvements in plough shares 20 Jan 1972 |
| TR 16RAN ET3/2/9/80 | Letters Patent - Great Britain No. 1410167 Improvements in or relating to root crop harvesters 25 Aug 1972 |
| TR 16RAN ET3/2/9/81 | Letters Patent - Great Britain No. 1410168 Improvements in or relating to root crop harvesters 25 Aug 1972 |
| TR 16RAN ET3/2/9/82 | Letters Patent - Great Britain No. 1429478 Improvements in reach trucks 2 Oct 1973 |

| | |
|------------------------|---|
| TR 16RAN ET3/2/9/83 | Letters Patent - Great Britain No. 1423174 Improvements in root harvester lifting wheels 19 Jun 1973 |
| TR 16RAN ET3/2/9/84 | Letters Patent - Great Britain No. 1425317 Improvements in root harvester 1 Nov 1973 |
| TR 16RAN ET3/2/9/85 | Letters Patent - Great Britain No. 1426548 Improvements in trailed beet harvesters 1 Nov 1973 |
| TR 16RAN ET3/2/9/86 | Letters Patent - Great Britain No. 1426549 Improvements in trailed beet harvesters 1 Nov 1973 |
| TR 16RAN ET3/2/9/87 | Letters Patent - Great Britain No. 1426550 Improvements in beet harvesters 1 Nov 1973 |
| TR 16RAN ET3/2/9/88 | Letters Patent - Great Britain No. 1446415 Improvements in beet harvesters 1 Nov 1973 |
| TR 16RAN ET3/2/9/89 | Letters Patent - Great Britain No. 1449822 Improvements in root harvesters 1 Nov 1973 |

| | |
|------------------------|---|
| TR 16RAN ET3/2/9/90 | Letters Patent - Great Britain No. 1433381 Improvements in speed control mechanisms for vehicles 21 Mar 1974 |
| TR 16RAN ET3/2/9/91 | Letters Patent - Great Britain No. 1462770 Improvements in or relating to root crop harvester machines 24 Oct 1974 |
| TR 16RAN ET3/2/9/92 | Letters Patent - Great Britain No. 1459923 Improvements in multi furrow ploughs 10 Jan 1975 |
| TR 16RAN ET3/2/9/93 | Letters Patent - Great Britain No. 1476639 Improvements in or relating to root crop harvester machines 16 Jan 1975 |
| TR 16RAN ET3/2/9/94 | Letters Patent - Great Britain No. 1470392 Improvements in or relating to root crop harvester machines 27 Mar 1975 |
| TR 16RAN ET3/2/9/95 | Letters Patent - Great Britain No. 1480918 Improvements in ploughs 12 Sept 1975 |
| TR 16RAN ET3/2/9/96 | Letters Patent - Great Britain No. 1501955 Improvements in industrial trucks 15 Oct 1975 |

- TR 16RAN
ET3/2/9/97 Letters Patent - Great Britain
No. 1483834
Improvements in multi furrow ploughs
15 Jan 1976
- TR 16RAN
ET3/2/9/98 Letters Patent - Great Britain
No. 1457252
Improvements in crop storage tanks
21 Jun 1976
- TR 16RAN
ET3/2/9/99 Letters Patent - Great Britain
No. 1554550
Improvements in or relating to root crop harvester machines
19 Apr 1978
- TR 16RAN
ET3/2/9/100 Letters Patent - Great Britain
No. 1579486
Improvements in reversible ploughs
19 May 1978
- TR 16RAN
ET3/2/9/101 Letters Patent - Great Britain
No. 2001595B
Improvements in or relating to root crop harvester machines
21 Jul 1978
- TR 16RAN
ET3/2/9/102 Letters Patent - Great Britain
No. 2056831
Reversible plough
5 Aug 1980
- TR 16RAN ET3/2/10 Letters Patent - Greece
No. 13932
Improvements in and relating to chaff separating sieves
9 May 1952
- TR 16RAN ET3/2/11 Letters Patent - Holland
3 docs
1956-1971

| | |
|------------------------|---|
| TR 16RAN ET3/2/11/1 | Letters Patent - Holland No. 220424 Improvements in reversible ploughs 3 Sept 1956 |
| TR 16RAN ET3/2/11/2 | Letters Patent - Holland No. 235461 Improvements in engine starters 26 Jan 1959 |
| TR 16RAN ET3/2/11/3 | Letters Patent - Holland No. 130794 Stepped sieve 16 Jan 1971 |
| TR 16RAN ET3/2/12 | Letters Patent - Iran 5 docs 1975-1978 |
| TR 16RAN ET3/2/12/1 | Letters Patent - Iran No. 15123 Improvements in ploughs 28 Aug 1975 |
| TR 16RAN ET3/2/12/2 | Letters Patent - Iran No. 16148 Improvements in multi furrow ploughs 5 Jan 1976 |
| TR 16RAN ET3/2/12/3 | Letters Patent - Iran No. 19147 Improvements in reversible ploughs 20 Dec 1977 |
| TR 16RAN ET3/2/12/4 | Letters Patent - Iran No. 19148 Improvements in reversible ploughs 20 Dec 1977 |

| | |
|------------------------|--|
| TR 16RAN ET3/2/12/5 | Letters Patent - Iran No. 19536 Improvements in reversible ploughs 22 Feb 1978 |
| TR 16RAN ET3/2/13 | Letters Patent - Republic of Ireland 3 docs 1951-1976 |
| TR 16RAN ET3/2/13/1 | Letters Patent - Republic of Ireland No. 19930 Improvements in or relating to tractor drawn digging mechanisms for harvesting potatoes or other root crops 19 Apr 1951 |
| TR 16RAN ET3/2/13/2 | Letters Patent - Republic of Ireland No. 41713 Improvements in ploughs 16 Sept 1975 |
| TR 16RAN ET3/2/13/3 | Letters Patent - Republic of Ireland No. 41994 Improvements in multi furrow ploughs 8 Jan 1976 |
| TR 16RAN ET3/2/14 | Letters Patent - Italy 12 docs 1962-1973 |
| TR 16RAN ET3/2/14/1 | Letters Patent - Italy No. 663701 Improvements in vehicles and transmission systems 15 Mar 1962 |

| | |
|------------------------|---|
| TR 16RAN ET3/2/14/2 | Letters Patent - Italy No. 697068 Improvements in or relating to liquid reservoir tanks suitably for vehicles 27 May 1963 |
| TR 16RAN ET3/2/14/3 | Letters Patent - Italy No. 87/133 Improvements in or relating to forklift trucks 22 Jun 1963 |
| TR 16RAN ET3/2/14/4 | Letters Patent - Italy No. 698389 Improvements in or relating to forklift trucks 22 Jun 1963 |
| TR 16RAN ET3/2/14/5 | Letters Patent - Italy No. 698266 Improvements in control apparatus for controlling operation of a plurality of fluid pressure operated rams 24 Jun 1963 |
| TR 16RAN ET3/2/14/6 | Letters Patent - Italy No. 724038 Improvements in fork lift reach trucks and motorised wheels therefor 20 May 1964 |
| TR 16RAN ET3/2/14/7 | Letters Patent - Italy No. 820783 Improvements in electrically operated drive systems 10 Nov 1967 |
| TR 16RAN ET3/2/14/8 | Letters Patent - Italy No. 849434 Improvements in or relating to fork lift trucks 20 Dec 1968 |

| | |
|-------------------------|---|
| TR 16RAN ET3/2/14/9 | Letters Patent - Italy No. 867951 Multivibrators 18 Jul 1969 |
| TR 16RAN ET3/2/14/10 | Letters Patent - Italy No. 891534 Fork lift reach trucks 21 Jul 1969 |
| TR 16RAN ET3/2/14/11 | Letters Patent - Italy No. 993976 Improvements in vehicle steering mechanisms 2 Oct 1973 |
| TR 16RAN ET3/2/14/12 | Letters Patent - Italy No. 993977 Improvements in reach trucks 2 Oct 1973 |
| TR 16RAN ET3/2/15 | Letters Patent - Luxembourg 6 docs 1975-1978 |
| TR 16RAN ET3/2/15/1 | Letters Patent - Luxembourg No. 73447 Improvements in ploughs 23 Sept 1975 |
| TR 16RAN ET3/2/15/2 | Letters Patent - Luxembourg No. 74192 Improvements in multi furrow ploughs 16 Jan 1976 |
| TR 16RAN ET3/2/15/3 | Letters Patent - Luxembourg No. 78759 Improvements in reversible ploughs 23 Dec 1977 |

- TR 16RAN
ET3/2/15/4 Letters Patent - Luxembourg
No. 78760
Improvements in reversible ploughs
23 Dec 1977
- TR 16RAN
ET3/2/15/5 Letters Patent - Luxembourg
No. 79131
Improvements in reversible ploughs
27 Feb 1978
- TR 16RAN
ET3/2/15/6 Letters Patent - Luxembourg
No. 79153
Improvements in tines for stubble cultivation
2 Mar 1978
- TR 16RAN ET3/2/16 Letters Patent - Mexico
2 docs
1965-1968
- TR 16RAN
ET3/2/16/1 Letters Patent - Mexico
No. 78544
Improvements in semi automatic reversing mechanism for
mounted reversible disc ploughs
29 Mar 1965
- TR 16RAN
ET3/2/16/2 Letters Patent - Mexico
No. 104721
Improvements in or relating to multi furrow disc reversible disc
ploughs
6 Jan 1968
- TR 16RAN ET3/2/17 Letters Patent - New Zealand
Number 138616
Improvements in or relating to ploughs
30 Jun 1964

- TR 16RAN ET3/2/18 Letters Patent - Norway
1 doc
1975-1980
- TR 16RAN
ET3/2/18/1 Letters Patent - Norway
No. 141029
Improvements in ploughs
11 Sept 1975
- TR 16RAN
ET3/2/18/2 Letters Patent - Norway
No. 139198
Improvements in multi furrow ploughs
16 Jan 1976
- TR 16RAN
ET3/2/18/3 Letters Patent - Norway
No. 144864
Trip mechanism with stabliser means
27 Feb 1978
- TR 16RAN
ET3/2/18/4 Letters Patent - Norway
No. 150101
Tilting of spindle driving reversal
5 Aug 1980
- TR 16RAN ET3/2/19 Letters Patent - Portugal
2 docs
1966-1969
- TR 16RAN
ET3/2/19/1 Letters Patent - Portugal
No. 438020
Improvements in semi automatic reversing mechanisms for
mounted reversible disc plough
5 May 1966
- TR 16RAN
ET3/2/19/2 Letters Patent - Portugal
No. 48921
Improvements in or relating to multi furrow disc ploughs
5 Sept 1969

- TR 16RAN ET3/2/20 Letters Patent - South Africa
13 docs
1940-1971
- TR 16RAN
ET3/2/20/1 Letters Patent - South Africa
No. 734/1940
Improvements in or relating to sieving devices for ground nuts
and like field crops
20 Sept 1940
- TR 16RAN
ET3/2/20/2 Letters Patent - South Africa
No. 2178/46
Improvements in reversible disc ploughs
28 Aug 1946
- TR 16RAN
ET3/2/20/3 Letters Patent - South Africa
No. 14651
Improvements in peanut pickers
26 Feb 1952
- TR 16RAN
ET3/2/20/4 Letters Patent - South Africa
No. 62/1107
Improvements in vehicles and transmission systems therefor
16 Mar 1962
- TR 16RAN
ET3/2/20/5 Letters Patent - South Africa
No. 62/4091
Improvements in dressing shoes for grain threshing mechanisms
27 Sept 1962
- TR 16RAN
ET3/2/20/6 Letters Patent - South Africa
No. 65/0404
Improvements in grain threshing mechanisms
25 Jan 1965

- TR 16RAN
ET3/2/20/7 Letters Patent - South Africa
No. 65/4076
Improvements in combine harvesters
30 Jul 1965
- TR 16RAN
ET3/2/20/8 Letters Patent - South Africa
No. 65/4077
Improvements in combine harvesters
30 Jul 1965
- TR 16RAN
ET3/2/20/9 Letters Patent - South Africa
No. 65/4493
Improvements in internal combustion air precleaners
19 Aug 1965
- TR 16RAN
ET3/2/20/10 Letters Patent - South Africa
No. 66/1195
Improvements in vehicle braking systems
3 Mar 1966
- TR 16RAN
ET3/2/20/11 Letters Patent - South Africa
No. 67/7721
Improvements in or relating to multi furrow reversible disc
ploughs
27 Dec 1967
- TR 16RAN
ET3/2/20/12 Letters Patent - South Africa
No. 69/2698
Improvements in hitches for connecting implements to tractors
16 Apr 1969
- TR 16RAN
ET3/2/20/13 Letters Patent - South Africa
No. 71/7635
Improvements in or relating to planting machines
15 Nov 1971

| | |
|------------------------|---|
| TR 16RAN ET3/2/21 | Letters Patent - Spain |
| | 30 docs 1952-1978 |
| TR 16RAN ET3/2/21/1 | Letters Patent - Spain |
| | 1 doc 6 May 1952 |
| TR 16RAN ET3/2/21/2 | Letters Patent - Spain |
| | No. 202424 1 doc 11 Mar 1952 |
| TR 16RAN ET3/2/21/3 | Letters Patent - Spain |
| | 1 doc 6 Feb 1954 |
| TR 16RAN ET3/2/21/4 | Letters Patent - Spain |
| | 1 doc 2 Feb 1955 |
| TR 16RAN ET3/2/21/5 | Letters Patent - Spain |
| | No. 274124 Improvements in or relating to ploughs 7 Apr 1962 |
| TR 16RAN ET3/2/21/6 | Letters Patent - Spain |
| | No. 286041 Improvements in or relating to ploughs 14 Mar 1963 |
| TR 16RAN ET3/2/21/7 | Letters Patent - Spain |
| | No. 298923 Stone trap 18 Apr 1964 |

| | |
|-------------------------|--|
| TR 16RAN ET3/2/21/8 | Letters Patent - Spain No. 299023 Improvements relating to combine harvesters (grain tank with twin augers) 8 Jun 1964 |
| TR 16RAN ET3/2/21/9 | Letters Patent - Spain No. 301844 Improvements in or relating to grain harvesting machines 9 Jul 1964 |
| TR 16RAN ET3/2/21/10 | Letters Patent - Spain No. 299176 Improvements in grain cleaning mechanisms 11 Jul 1964 |
| TR 16RAN ET3/2/21/11 | Letters Patent - Spain No. 298921 Improvements in or relating to combine harvesters (enclosing means) 2 Nov 1964 |
| TR 16RAN ET3/2/21/12 | Letters Patent - Spain No. 298922 Improvements in grain threshing mechanisms (cut off plate) 5 Mar 1965 |
| TR 16RAN ET3/2/21/13 | Letters Patent - Spain No. 308719 Improvements in grain threshing mechanisms 5 Mar 1965 |
| TR 16RAN ET3/2/21/14 | Letters Patent - Spain No. 311469 Improvements in semi automatic reversing mechanism for mounted reversible disc plough 22 May 1965 |

| | |
|-------------------------|--|
| TR 16RAN ET3/2/21/15 | Letters Patent - Spain No. 299024 Improvements relating to grain threshing mechanisms (inlet grid) 1 Jun 1965 |
| TR 16RAN ET3/2/21/16 | Letters Patent - Spain No. 316643 Improvements in combine harvesters 19 Oct 1965 |
| TR 16RAN ET3/2/21/17 | Letters Patent - Spain No. 316215 Improvements in internal combustion engine air precleaners 9 Feb 1966 |
| TR 16RAN ET3/2/21/18 | Letters Patent - Spain No. 316126 Grain tank level indicator 3 May 1966 |
| TR 16RAN ET3/2/21/19 | Letters Patent - Spain No. 324326 Improvements in vehicle breaking systems 8 Aug 1966 |
| TR 16RAN ET3/2/21/20 | Letters Patent - Spain No. 349002 Improvements in or relating to multi furrow reversible disc ploughs 21 Oct 1968 |
| TR 16RAN ET3/2/21/21 | Letters Patent - Spain No. 420139 Self seeking topper tailer machine 17 Sept 1975 |

| | |
|-------------------------|--|
| TR 16RAN ET3/2/21/22 | Letters Patent - Spain No. 420141 Improvements in root harvesters 17 Sept 1975 |
| TR 16RAN ET3/2/21/23 | Letters Patent - Spain No. 420160 Improvements in root harvesters 19 Sept 1975 |
| TR 16RAN ET3/2/21/24 | Letters Patent - Spain No. 420162 Improvements in self propelled root harvesters 19 Sept 1975 |
| TR 16RAN ET3/2/21/25 | Letters Patent - Spain No. 420163 Improvements in multi row beet harvesters 19 Sept 1975 |
| TR 16RAN ET3/2/21/26 | Letters Patent - Spain No. 441180 Improvements in ploughs 23 Nov 1976 |
| TR 16RAN ET3/2/21/27 | Letters Patent - Spain No. 444373 Multi furrow ploughs 28 Jan 1977 |
| TR 16RAN ET3/2/21/28 | Letters Patent - Spain No. 465687 Improvements in reversible ploughs 20 Jul 1978 |

| | |
|-------------------------|---|
| TR 16RAN ET3/2/21/29 | Letters Patent - Spain No. 465688 Improvements in reversible ploughs 20 Jul 1978 |
| TR 16RAN ET3/2/21/30 | Letters Patent - Spain No. 467338 Improvements in reversible ploughs 20 Sept 1978 |
| TR 16RAN ET3/2/22 | Letters Patent - Sweden 18 docs 1963-1984 |
| TR 16RAN ET3/2/22/1 | Letters Patent - Sweden No. 194342 Improvements in or relating to liquid reservoir tanks, suitably for vehicles 28 May 1963 |
| TR 16RAN ET3/2/22/2 | Letters Patent - Sweden No. 216611 Lift truck control apparatus 20 Jun 1963 |
| TR 16RAN ET3/2/22/3 | Letters Patent - Sweden No. 222787 Improvements in or relating to combine harvesters 28 Oct 1963 |
| TR 16RAN ET3/2/22/4 | Letters Patent - Sweden No. 211174 Improvements in or relating to combine harvesters 12 Dec 1963 |

| | |
|-------------------------|--|
| TR 16RAN ET3/2/22/5 | Letters Patent - Sweden No. 225404 Improvements in grain threshing mechanisms 29 Jan 1965 |
| TR 16RAN ET3/2/22/6 | Letters Patent - Sweden No. 335949 Improvements in static switching controllers for effecting connection to a d.c. electric motor and disconnection from the motor of a battery 11 Mar 1966 |
| TR 16RAN ET3/2/22/7 | Letters Patent - Sweden No. 342783 Dual motor drive 13 Nov 1967 |
| TR 16RAN ET3/2/22/8 | Letters Patent - Sweden No. 347943 Improvements in or relating to fork lift trucks 17 Dec 1968 |
| TR 16RAN ET3/2/22/9 | Letters Patent - Sweden No. 348447 Fork lift reach trucks 21 Jul 1969 |
| TR 16RAN ET3/2/22/10 | Letters Patent - Sweden No. 342371 Multivibrators 14 Aug 1969 |
| TR 16RAN ET3/2/22/11 | Letters Patent - Sweden No. 358278 Improvements in or relating to combine harvesters 3 Oct 1969 |

- TR 16RAN
ET3/2/22/12 Letters Patent - Sweden
No. 7304228-5
Improvements in or relating to drive mechanisms
26 Mar 1973
- TR 16RAN
ET3/2/22/13 Letters Patent - Sweden
No. 7313407-4
Improvements in reach trucks
2 Oct 1973
- TR 16RAN
ET3/2/22/14 Letters Patent - Sweden
No. 7313408-2
Improvements in vehicle steering mechanisms
2 Oct 1973
- TR 16RAN
ET3/2/22/15 Letters Patent - Sweden
No. 7403934-8
Improvements in speed control mechanisms for vehicles
22 Mar 1974
- TR 16RAN
ET3/2/22/16 Letters Patent - Sweden
No. 7600241-9
Improvements in vehicle steering mechanisms
12 Jan 1976
- TR 16RAN
ET3/2/22/17 Letters Patent - Sweden
No. 7600441-5
Improvements in multi furrow ploughs
16 Jan 1976
- TR 16RAN
ET3/2/22/18 Letters Patent - Sweden
No. 7802209-2
Trip mechanisms with stabiliser rods
30 Jul 1984
- TR 16RAN ET3/2/23 Letters Patent - Switzerland
14 docs
1961-1976

| | |
|------------------------|--|
| TR 16RAN ET3/2/23/1 | Letters Patent - Switzerland No. 386929 Improvements in reach trucks 3 Oct 1961 |
| TR 16RAN ET3/2/23/2 | Letters Patent - Switzerland No. 394037 Improvements in or relating to fork lift trucks 24 Jan 1962 |
| TR 16RAN ET3/2/23/3 | Letters Patent - Switzerland No. 399847 Improvements in or relating to liquid reservoir tanks suitable for vehicles 2 May 1963 |
| TR 16RAN ET3/2/23/4 | Letters Patent - Switzerland No. 401829 Improvements in or relating to fork lift trucks 24 Jun 1963 |
| TR 16RAN ET3/2/23/5 | Letters Patent - Switzerland No. 417350 Improvements in control apparatus for controlling of a plurality of fluid pressure operated rams 25 Jun 1963 |
| TR 16RAN ET3/2/23/6 | Letters Patent - Switzerland No. 413721 Improvements in fork lift reach trucks and motorised wheels therefor 20 May 1964 |
| TR 16RAN ET3/2/23/7 | Letters Patent - Switzerland No. 448231 Improvements in static switching connection to a D.C. electric motor and disconnection from the motors of a battery 8 Mar 1966 |

| | |
|-------------------------|--|
| TR 16RAN ET3/2/23/8 | Letters Patent - Switzerland No. 461965 Electrically operated drive systems 14 Nov 1967 |
| TR 16RAN ET3/2/23/9 | Letters Patent - Switzerland No. 483975 Improvements in or relating to fork lift trucks 18 Dec 1968 |
| TR 16RAN ET3/2/23/10 | Letters Patent - Switzerland No. 489957 Multivibrators 15 Jul 1969 |
| TR 16RAN ET3/2/23/11 | Letters Patent - Switzerland No. 483988 Fork lift reach trucks 21 Jul 1969 |
| TR 16RAN ET3/2/23/12 | Letters Patent - Switzerland No. 560160 Improvements in reach trucks 26 Sept 1973 |
| TR 16RAN ET3/2/23/13 | Letters Patent - Switzerland No. 563909 Improvements in vehicle steering mechanisms 26 Sept 1973 |
| TR 16RAN ET3/2/23/14 | Letters Patent - Switzerland No. 574837 Improvements in vehicle steering mechanisms 8 Jan 1976 |

- TR 16RAN ET3/2/24 Letters Patent - United States of America
21 docs
1954-1977
- TR 16RAN ET3/2/24/2 Letters Patent - United States of America
No. 2688213
Profile grinding or polishing machine
7 Sept 1954
- TR 16RAN ET3/2/24/3 Letters Patent - United States of America
No. 318398
Improvements relating to combine harvesters
23 Oct 1963
- TR 16RAN ET3/2/24/4 Letters Patent - United States of America
No. 3158221
Fork lift trucks
24 Nov 1964
- TR 16RAN ET3/2/24/5 Letters Patent - United States of America
No. 3217492
Controlling apparatus for controlling operation of a plurality of
fluid operated rams
16 Nov 1965
- TR 16RAN ET3/2/24/6 Letters Patent - United States of America
No. 3217825
Battery enclosing counterweight for fork lift trucks
16 Nov 1965
- TR 16RAN ET3/2/24/7 Letters Patent - United States of America
No. 3226918
Improvements in or relating to combine harvesters
4 Jan 1966

| | |
|-------------------------|--|
| TR 16RAN ET3/2/24/8 | Letters Patent - United States of America No. 3238949 Combination feed means and auxiliary threshing cylinder for a thresher 8 Mar 1966 |
| TR 16RAN ET3/2/24/9 | Letters Patent - United States of America No. 3283487 Grain harvesting machines 8 Nov 1966 |
| TR 16RAN ET3/2/24/10 | Letters Patent - United States of America No. 3323651 Liquid reservoir tanks suitable for vehicles 6 Jun 1967 |
| TR 16RAN ET3/2/24/11 | Letters Patent - United States of America No. 3334739 Dressing shoes for grain threshing mechanisms 8 Aug 1967 |
| TR 16RAN ET3/2/24/12 | Letters Patent - United States of America No. 3411274 Combine harvesters 19 Nov 1968 |
| TR 16RAN ET3/2/24/13 | Letters Patent - United States of America No. 558999 Combine harvesters 9 Dec 1968 |
| TR 16RAN ET3/2/24/14 | Letters Patent - United States of America No. 3492557 Static switching controllers for effecting connection to a d.c. electric motor and disconnection from the motor of a battery 27 Jan 1970 |

| | |
|--------------------------|---|
| TR 16RAN ET3/2/24/15 | Letters Patent - United States of America No. 3520571 Fork lift trucks 14 Jul 1970 |
| TR 16RAN ET3/2/24/16 | Letters Patent - United States of America No. 3574307 Combine harvesters 13 Apr 1971 |
| TR 16RAN ET3/2/24/17 | Letters Patent - United States of America No. 3587002 Multivibrators 22 Jun 1971 |
| TR 16RAN ET3/2/24/18 | Letters Patent - United States of America No. 3584271 Improvements in or relating to drive mechanisms 17 Dec 1974 |
| TR 16RAN ET3/2/24/19 | Letters Patent - United States of America No. 3960233 Improvements in speed control mechanisms for vehicles 1 Jun 1976 |
| TR 16RAN ET3/2/24/20 | Letters Patent - United States of America No. 3982646 Reach trucks 28 Sept 1976 |
| TR 16RAN ET3/2/24/21 | Letters Patent - United States of America No. 4013301 Vehicle steering mechanisms 22 Mar 1977 |
| <u>TR 16RAN ET3/2/25</u> | <u>Letters Patent – Miscellaneous</u> |

| | |
|------------------------|---|
| TR 16RAN ET3/2/25/1 | Certificates of payment of renewal fee - patent 1092281 3 docs 1973-1975 |
| TR 16RAN ET3/2/25/2 | Letters Patent No. 697/59 Improvements in engine starters Undated [1950s-1970s] |
| TR 16RAN ET3/2/25/3 | Papers relating to patent 423692 (Watford) 1 folder Undated c. 1940 |
| TR 16RAN ET3/2/25/4 | Application for a patent No. 779836 Improvements in agricultural implements 27 Oct 1954 |
| TR 16RAN ET3/2/25/5 | Assignment of patent application no. 37632/59 British Oxygen Gases Ltd and Ransomes, Sims and Jefferies Ltd Improvements relating to the operation and control of industrial trucks 31 Dec 1959 |
| TR 16RAN ET3/2/25/6 | Provisional specification Improvements in or relating to masted fork lift trucks hinged doors 1 doc Undated c.1950s |
| TR 16RAN ET3/2/25/7 | Letters patent for Catchpole Engineering Co Ltd Includes patent no. 486314, 679985, 679969 and 724110 and correspondence 1 folder 1936-1965 |

| | |
|------------------------|--|
| TR 16RAN ET3/2/25/8 | Folder of miscellaneous correspondence and papers relating to patents 1 folder c.1960 |
| TR 16RAN ET3/3 | <i>Applications for patents</i> |
| TR 16RAN ET3/3/1 | Application for letters patent Application no. 8507811 Reversible plough (plough frame adjustment 2) 26 Mar 1985 |
| TR 16RAN ET3/3/2 | Application for letters patent Application no. 8510428 Reversible plough 24 Apr 1985 |
| TR 16RAN ET3/3/3 | Application for letters patent Application no. 8529752 Improvements in reversible ploughs 3 Dec 1985 |
| TR 16RAN ET3/3/4 | Application for letters patent Application no. 8611932 Grass cutting machine 16 May 1986 |
| TR 16RAN ET3/4 | <i>Miscellaneous</i> |
| TR 16RAN ET3/4/1 | Folder of miscellaneous items Including notarised documents, schedule of patent applications and copies of patent specifications 1 folder 1960s-1987 |