

PATENTS APPLIED FOR BY CHESHIRE RESIDENTS

Compiled By Bob Dobson

Bookseller

1888

15725 Samuel WORSENCROFT, Poynton...improvements in cowls/ventilators 2pp

1889

94 James & John HARGREAVES and Thomas ROBINSON, Widnes...treating lime refuse for cement 5pp

393 James LITTLER, Altrincham...displaying advertisements 5pp

1895

2061 Wm ATKINSON, Hoylake...railway signalling apparatus 2pp

7123 Isaac HAYWARD, Warrington...rolling mills 4pp

1896

5138Wm Taylor BIRCHENHOUGH, Macclesfield...power looms for weaving figured goods 4pp

1898

11739 Jacob ALVERTI, Sale & another...advertising stands 2pp

1899

6052 Francis Wm WEBB & Arthur Moore THOMPSON, Crewe...working railway points by electricity 5pp

1902

8033 Walter Henry TRAVERS, Benjamin HOWDLE & another, Seacombe...holding of joints of street permanent ways 3pp

9590 LEVER Bros Ltd, John GRAY, & John CHESHIRE, New Ferry...counting mechanism on printing machines 8pp

1904

286 John Edward Lewis OGDEN, Liscard...steam traps 9pp

5422 James J & Walter K MELDRUM, Timperley... engines 5pp

5522 John Ed THORNTON, Altrincham...photographic roller blind shutters 3pp

8647 Arthur MELLOR, Macclesfield...arresting delivery in twisting machinery 3pp

8760 Bernard RATHMELL, Liscard...refrigeration 4pp

12875 John Edward Lewis OGDEN, Liscard...steam traps 4pp

12955 John CALLIE, Birkenhead...Improvements in windows 5pp

13340 Robert GIBSON, Prince Edward St, Birkenhead...refacing valve seats 3pp

13412 John Wm WHITTLE, Warrington...link belting 2pp

14540 William & James HULME, Sale...plant pots 2pp

17475 Herbert LEES, Irby...an improved harrow 2pp

20108 John RIGBY, Winsford...apparatus for drawing salt pans 6pp

25405 Athol Wilfrid CLARKE, West Didsbury...packing rings for turbines 3pp

26198 Edward Williams WYNNE, Seacombe...purifying petroleum oils 3pp

28858 John Arthur HIRST & Percy Smith BROOK, Chester...electric switch 3pp

29197 Max Louis MELLIN, Birkenhead...driving belts 4pp

29352 Charles Edward FREEMAN & Sandycroft Foundry Co, Chester...nut-locking devices 4pp

29631 John Edward THORNTON, Altrincham...cases of photographic films 7pp

1905

- 2045 Robert Grundy BROOKE, Upton Grange, Macclesfield...water heating 9pp
2517 Thomas GARE, New Brighton...silent & resilient wheels 3pp
3635 Andrew ANDERSON, Liscard...hooks for hoisting gear 3pp
4376 James HANCOCK, Samuel SPANN, Tranmere & another... gas meters 6pp
4589 Henry MONK, gunsmith, Chester...epicyclic gearing
5108 Joseph John CROSFIELD, Frodsham & Dr Karl Emil MERKEL, Warrington...separation of solids from liquids 3pp
5190 Moses John ROBERTS, Rock Ferry...stern tubes of steam ships 2pp
5192 Benjamin CALDWELL, Lower Bridge St, Chester...screwed cotter bolts 1pp
5313 Moses John ROBERTS, Rock Ferry...improvements in dumb-bells 2pp
7770 George COTTON, The Croft, Holmeschapel (sic) steam generators etc..3pp
9182 Frederick NIBLOCK, Wallasey...valve for high-pressure steam 3pp
9184 -do-...rings for steam pistons 3pp
9867 Thomas Frederick JONES, West Kirby...exhibiting curtains 3pp
18533 Francis Aldred Lodge HARRIS, Alderley Edge...fire-resisting flooring 4pp
13100 Reginald Frank BILLINGS & Reginald Augustus SQUIBB, of Andrew STORRAR & Co, Chester...cheese makers required to be tilted 3pp
15981 Matthew HILTON, Hale & another...beetling machines 4pp
17187 Rupert Arthur MORRIS, Stockton Heath...substitutes for felt,linoleum etc 3pp Not illus
17509 Thomas Redfern LEIGH, Didsbury...joints for hot water pipes etc 2pp
17919 Thomas Downie, WALLASEY...filtering steam generators 3pp
19769 Wm Ernest ASHTON of ASHTON Bros & PHILLIPS Ltd, Warrington...construction of mail carts, invalid carriages etc 2pp
19770 Albert Henry WALKER, Runcorn...automatic steam brake 2pp
19786 John Harrop JONES, Sale...sash/casement windows 2pp
21282 Francis James MORAN, Birkenhead...preventing punctures in tyres 3pp
22553 Harry Benwell STOCKS, Didsbury...percussive hand tools 4pp
22567 Max Louis MELLIN, Birkenhead...driving belts 3pp
23148 with 23148A John SWAN, Liscard...machinery for making cigarettes 8pp
24367 Joseph Walwyn WHITE, Widnes...aerial ropeway conveyors 6pp
24377 Alfred WALTHO, Liscard...machines for making caps for bottles 4pp
25634 Bartholemew Richmond ROWLAND, Altrincham...superheating steam 6pp
25772 Archibald Frank STEVENSON, Warrington...propulsion of vehicles 4pp

1906

- 14638 Wm Marrow BECKETT, Lymm...automatic sewage lifts 3pp

1908

- 2165 Bertram Maurice JAGER, Birkenhead...(liquid) filtering apparatus 2pp
3086 John Tomlinson WHALEY, Post Office, Saughall...apparatus for holding bags upright for filling 3pp
3897 Clifford BARCLAY, Willowbank Rd, Birkenhead... engines 3pp
5686 Edward Alan CHRISTIAN, Park Rd South, Birkenhead...current-collecting for electric railway vehicles 3pp
6201 Arthur Edwin BOARDMAN, , Warrington...soap plodders 3pp
6286 Frederick Geo LAKE, Prestbury, clock maker...workmen's time register 9pp
7250 Wm Henry NIGHTINGALE, Newgate St, Chester...milk cans etc 3pp
8116 Wm Edward MOSS, Liscard...steam pumps 3pp
10015 Jane Esther SMITH, 'Valewood', Mobberley...spring-operated hairpins 2pp

10461 Robert PARRY, 'Westcote', Hoole...road paving blocks 2pp
 10469 THORNTON-PICKARD Ltd (Arthur PICKARD & Thomas W PIERCY
 Altrincham...reflex cameras 3pp
 10551 Frank Edward ADAMS, Pressure Tool Co, Birkenhead/Wallasey ...manufacture of
 cans 5pp
 12481 -do- ...sheet metal boxes 5pp
 13520 Max HARTENHEIM, Park Rd, Hale...control of electric motors 4pp
 14870 John DEAM, Ellesmere Port...indicating horse-power of steam engines 4pp
 16270 Wm THOMPSON, Duke St, Birkenhead...sheet metal panels3pp
 17387 John Henry PAGE , Ellesmere Port...turbine for boiler feeding2pp
 18542 John Charles BELTON, Sandy Lane, Chester...siphons for gas mains 3pp
 22799 Wm Thomas WATSON, ,Didsbury...tyre pressure indicator 2pp
 23105 Robert Thomas SMITH, Lovely Lane, Warrington...wheels for vehicles 4pp
 23864 Wm JONES, Whitby Rd, Ellesmere Port...crane jib indicator 3pp
 24467 Gilbert Arthur BECKETT, Seacombe...electro-galvanising equipment 4pp
 26980 John Edward THORNTON, Altrincham & another...film packs 4pp
 26985 Richard Henry GINMAN & Robert Harry BROWN, Birkenhead...stop valves for
 liquids, gases 4pp

1909

10173 Alfred AYRTON, Chichester St, Chester...tent pegs etc 3pp
 10235 Ernest EVANS, Liscard...feeding cake machinery 3pp
 10720 Wm & Thomas Dutton BAYLIFF, Birkenhead...turbines5pp
 11592 Albert Edward WALKDEN, Liscard...shoe stud protectors 2pp
 11770 Robert Thomas Smith, , Warrington...wheels for vehicles 4pp
 13987 John Henry PAGE, Ellesmere Port...steam generators 2pp
 14750 LEVER Bros Ltd & another...extraction of glycerine from salt in the soap-making
 process 6pp
 15558 Richard MOORE, Runcorn...filling and closing packets 3pp
 15593 James TODD, Birkenhead...fastening for smoke-box doors 3pp
 18496 John FARLEY, Liscard...an advertising device 2pp
 19479 Charles Edward TAYLOR, Rock Ferry; Ernest TAYLOR, Walton & Wm HEAD,
 Walton...bottles & like receptacles 3pp
 20065 John TAYLOR, Stockton Heath...boring inverted conical holes 1pp
 20880 Henry Norman LEASK, Egremont...apparatus for cooling water etc 4pp
 20894 Wm Edgar & Francis Richard LEA, Runcorn...variable speed gears 5pp
 20953 John CALLIE, Harland Rd, Birkenhead...ventilators 4pp
 21076 Edward Thomas CLEATHERO, Altrincham...locking nuts,bolts 2pp
 21141 John Alfred COWAP, Timperley...variable-throw cranks 2pp
 21159 Peter JONES, Hr Tranmere...printers' mounting boards 2pp
 21250 Wm Craven ELLIS, Bowdon...pneumatic tyres 5pp22433 Leonard
 STUBBS,Lowland Rd, Runcorn...pressure regulators 4pp
 27464 Wm Reginald ORMANDY, , Warrington...packages for soap 3pp
 27491 Harry Benwell STOCKS, Didsbury...internal combustion engine 6pp
 27618 Allan Heathcote WILLIAMS, Greenbank House, Chester...internal combustion
 engine gears 3pp
 27875 Melville Graham CLAYTON, Wallasey...nuts and bolts 4pp
 27968 Miles WALKER, Hale...dynamo electric machines 5pp
 28691 James MILNE, dairyman, Birkenhead...sieves for milk 3pp
 28793 Harold George MACREADY, Seacombe...reversible steam turbines 6pp
 30234 Robert WILSON, Birkenhead...treatment of blood products 5pp

30310 George MONK, Upton...casement windows 2pp
30541 James Neilson WALLACE, West Didsbury...indicators for engines 5pp

1910

11521 Frank Knight WOODROFFE, Hoole Rd, Newton...analysing a gas 6pp
13364 FLETCHER RUSSELL & Co & Thomas Wm FLETCHER, Warrington...spray
burners for brazing 2pp
20279 Frank Knight WOODROFFE, Newton...super heaters3pp
20838 Alan KENDRICK, Hooton...tyre manipulating appliances 2pp
20912 John FARLEY , Liscard...advertising appliances 3pp
21357 George Henry LAURENSEN & Walter Trantom THORNE , Egremont
Promenade...making ice 6pp
23343 Alan KENDRICK, Hooton...tyre manipulating instrument 2pp
24111 Ernest EVANS, Liscard...oil extracting machinery 4pp

1924

211197 John Arthur HIRST & Percy Smith BROOK, Northgate Works, Chester... safety
devices for electric switch gear 2pp
215800 Henry David Llewellyn LLOYD, Warrington...wire nails 6pp

1925

244918 John GATES, Woodfield Rd, Altrincham...fireproof ceilings 5pp

1934

414128 Ernest SCRAGG & Co and Thomas Wm SCRAGG, Macclesfield...silk spinning
machinery 3pp
414156 Frederick CHARLOTTE, Lacey St, Widnes & another...gas meters 3pp
414250 Andrew Stuart HORN, Prenton...writing nibs 3pp

1938

478071 Allan Heathcote WILLIAMS, , Chester...ammunition cases 5pp

1939

505230 FAIREY Aviation Co , Hayes & Frank Henry ORDIDGE, Wilmslow...mounting of
guns on aircraft 2pp
512033 Norman Roy HOOD, Runcorn , Thomas Harold MEREDITH, Liverpool & ICI
Ltd...de-greasing articles with volatile solvents 4pp
512076 Archibald Johnstone GEMMELL, Timperley...lathes 3pp
512080 DAVIES & METCALFE Ltd, Romiley...steam injectors 7pp

1957

772055 Ernest LEE, Appleton Grove, Sale...electrical counting apparatus 2pp