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 LITTLE, Altrincham...displaying advertisements 5pp

1895
2061 Wm ATKINSON, Hoylake...railway signalling apparatus 2pp
7123 Isaac HAYWARD, Warrington...rolling mills 4pp

1896
5138 Wm 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
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
<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
<th>Description</th>
<th>Pages</th>
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<tbody>
<tr>
<td>Robert PARRY</td>
<td>‘Westcote’, Hoole</td>
<td>road paving blocks</td>
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<tr>
<td>THORNTON-PICKARD Ltd</td>
<td>(Arthur PICKARD &amp; Thomas W PIERCY Altrincham)</td>
<td>reflex cameras</td>
<td>3pp</td>
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<tr>
<td>Frank Edward ADAMS</td>
<td>Pressure Tool Co, Birkenhead/Wallasey</td>
<td>manufacture of cans</td>
<td>5pp</td>
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<td>Max HARTENHEIM</td>
<td>Park Rd, Hale</td>
<td>control of electric motors</td>
<td>4pp</td>
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<td>Wm DEAN, Ellesmere Port</td>
<td>indicating horse-power of steam engines</td>
<td>4pp</td>
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<td>Wm THOMPSON, Duke St, Birkenhead</td>
<td>sheet metal panels</td>
<td>3pp</td>
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<td>John Henry PAGE</td>
<td>Ellesmere Port</td>
<td>turbine for boiler feeding</td>
<td>2pp</td>
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<td>John Charles BELTON</td>
<td>Sandy Lane, Chester</td>
<td>siphons for gas mains</td>
<td>3pp</td>
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<td>Wm Thomas WATSON</td>
<td>, Didsbury</td>
<td>tyre pressure indicator</td>
<td>2pp</td>
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<td>Robert Thomas SMITH</td>
<td>Lovely Lane, Warrington</td>
<td>wheels for vehicles</td>
<td>4pp</td>
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<td>Wm JONES, Whitby Rd, Ellesmere Port</td>
<td>crane jib indicator</td>
<td>3pp</td>
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<td>Gilbert Arthur BECKETT, Seacombe</td>
<td>electro-galvanising equipment</td>
<td>4pp</td>
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<td>John Edward THORNTON</td>
<td>Altrincham &amp; another</td>
<td>film packs</td>
<td>4pp</td>
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<td>Richard Henry GINMAN</td>
<td>&amp; Robert Harry BROWN, Birkenhead</td>
<td>stop valves for liquids, gases</td>
<td>4pp</td>
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<td>Alfred AYRTON</td>
<td>Chichester St, Chester</td>
<td>tent pegs etc</td>
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<td>Ernest EVANS</td>
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<td>feeding cake machinery</td>
<td>3pp</td>
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<td>Wm &amp; Thomas Dutton BAYLIFF</td>
<td>Birkenhead</td>
<td>turbines</td>
<td>5pp</td>
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<td>Albert Edward WALKDEN</td>
<td>Liscard</td>
<td>shoe stud protectors</td>
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<td>John TAYLOR</td>
<td>Stockton Heath</td>
<td>boring inverted conical holes</td>
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<td>Henry Norman LEASK</td>
<td>Egremont</td>
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<td>Wm Edgar &amp; Francis Richard LEA</td>
<td>Runcorn</td>
<td>variable speed gears</td>
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<td>Harland Rd, Birkenhead</td>
<td>ventilators</td>
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<td>locking nuts, bolts</td>
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<td>John Alfred COWAP</td>
<td>Timperley</td>
<td>variable-throw cranks</td>
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<td>Peter JONES</td>
<td>Hr Tranmere</td>
<td>printers’ mounting boards</td>
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<td>5pp22433 Leonard</td>
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<td>pressure regulators</td>
<td>4pp</td>
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<td>Wm Reginald ORMANDY</td>
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<td>Didsbury</td>
<td>internal combustion engine</td>
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<td>Allan Heathcote WILLIAMS</td>
<td>Greenbank House, Chester</td>
<td>internal combustion engine gears</td>
<td>3pp</td>
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<td>Melville Graham CLAYTON</td>
<td>Wallasey</td>
<td>nuts and bolts</td>
<td>4pp</td>
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<td>Miles WALKER</td>
<td>Hale</td>
<td>dynamo electric machines</td>
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<td>James MILNE</td>
<td>dairyman, Birkenhead</td>
<td>sieves for milk</td>
<td>3pp</td>
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<td>Harold George MACREADY</td>
<td>Seacombe</td>
<td>reversible steam turbines</td>
<td>6pp</td>
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<td>Robert WILSON</td>
<td>Birkenhead</td>
<td>treatment of blood products</td>
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</table>
30310  George MONK, Upton…casement windows  2pp
30541  James Neilson WALLACE, West Didsbury…indicators for engines  5pp

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 LAURENSON & Walter Trantom THORNE, Egremont
Promenade…making ice  6pp
23343  Alan KENDRICK, Hooton…tyre manipulating instrument  2pp
24111  Ernest EVANS, Liscard…oil extracting machinery  4pp

1910

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

1924

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