

## ALPHABETICAL LIST OF TITLES OF INVENTIONS.

| Invention and Name of Inventor.   | No.   | Date.     |
|---|-------|-----------|
| Walls, J. G. F. Lund .. .. .  | 15779 | 18 Dec.   |
| Walls, &c., Deadening or insulating. F. de J. Clere .. .. .                         | 15273 | 20 Aug.   |
| Walls, Dusting and cleaning. H. H. Henderson .. .. .                                | 14955 | 5 June    |
| Wardrobe. E. K. C. Chalmers .. .. .   | 14453 | 21 Jan.   |
| Washdirt, Plate for separating. J. Thomson .. .. .                                  | 15801 | 18 Dec.   |
| Washdirt, Treating auriferous. J. Thomson .. .. .                                   | 15799 | 17 Dec.   |
| Washdirt, Treating auriferous. J. Thomson .. .. .                                   | 15800 | 18 Dec.   |
| Washing. (See Can-washing, Fibre-washing, Flax-washing, Wool-washing.)              |       |           |
| Washing-board. W. S. Ayson .. .. .  | 14970 | 7 June.   |
| Washing copper. C. Slemitz .. .. .  | 15064 | 30 June.  |
| Washing copper. J. Bates and W. G. Trudgeon .. .. .                                 | 15692 | 27 Nov.   |
| Washing floors. J. E. Gee .. .. .   | 14656 | 21 March. |
| Washing-fluid. M. Kennedy .. .. .   | 14954 | 4 June.   |
| Washing-machine. W. C. Wall .. .. .   | 14755 | 17 April. |
| Washing-tongs and pot-stick. W. J. McLean .. .. .                                   | 14860 | 9 May.    |
| Washstand, Reservoir attachment to. S. Soffe .. .. .                                | 14965 | 6 June.   |
| Wash tub. J. J. Mason .. .. .   | 15181 | 28 July   |
| Waste animal product, Manure from. W. H. Metcalfe .. .. .                           | 15313 | 27 Aug.   |
| Waste-converter. A. E. Niccolls .. .. .   | 15033 | 24 June.  |
| Waste heat from lamp, Utilising. E. J. Kee .. .. .                                  | 15517 | 13 Oct.   |
| Waste products of oil-engine, Discharging. R. Arthur .. .. .                        | 14669 | 22 March. |
| Watch-pocket. E. T. Matthews .. .. .  | 14475 | 23 Jan.   |
| Water-closet, &c. H. August .. .. .   | 15294 | 21 Aug.   |
| Water-closet cistern. W. H. Keon and W. O. Millar .. .. .                           | 15262 | 15 Aug.   |
| Water-closet cistern, Valve for. J. Cook .. .. .                                    | 14880 | 15 May.   |
| Water closet flush-conductor. W. M. Bartle .. .. .                                  | 14468 | 22 Jan.   |
| Water-closet, Flush for. W. M. Bartle .. .. .                                       | 14625 | 14 March. |
| Water-closet seat. T. D'A. C. Maxted .. .. .  | 15409 | 15 Sept.  |
| Water-closet, Siphon for. J. Constable .. .. .                                      | 15670 | 22 Nov.   |
| Water-column boiler, Multitubular. A. C., H. W., F. F., and L. B. Coulsell .. .. .  | 15677 | 25 Nov.   |
| Water-filter. J. T. N. Anderson .. .. .   | 15756 | 11 Dec.   |
| Water-gas, Carburetted. H. W. G. Henderson .. .. .                                  | 14654 | 20 March. |
| Water-gauge for steam-boiler. A. B. Masters .. .. .                                 | 15585 | 31 Oct.   |
| Water-heater. A. A. Campbell .. .. .  | 15391 | 10 Sept.  |
| Water-heater. R. L. H. Murray .. .. .   | 15536 | 16 Oct.   |
| Water-heater. C. H. Verity .. .. .  | 15777 | 30 Dec.   |
| Water-heater. (See Feed-water heater.)  |       |           |
| Water, Heating, by steam. H. Baux .. .. .   | 15524 | 14 Oct.   |
| Water-motor. W. W. Gundrie .. .. .  | 15504 | 10 Oct.   |
| Water-pipe, Artesian. J. Free .. .. .   | 15701 | 28 Nov.   |
| Water-power utilisier. C. P. De Lajard .. .. .                                      | 15654 | 19 Nov.   |
| Water-sprinkling cart. H. Anscombe and G. Russell .. .. .                           | 15473 | 30 Sept.  |
| Water-tube boiler. J. Cowan .. .. .   | 15148 | 23 July.  |
| Water-tube boiler. J. Cowan .. .. .   | 15569 | 30 Oct.   |
| Water-wheel. W. Aitken .. .. .  | 15080 | 1 July.   |
| Watercourse protection. J. F. Rose .. .. .  | 14484 | 21 Jan.   |
| Watering-trough, Animal. N. W. Griswold .. .. .                                     | 15089 | 5 July.   |
| Waterproofing-composition. C. W. Langstone and T. J. Broome .. .. .                 | 14440 | 17 Jan.   |
| Waterproofing-composition. A. F. Roy .. .. .  | 15263 | 15 Aug.   |
| Waterproofing-composition. G. F. Newman .. .. .                                     | 15634 | 17 Nov.   |
| Weatherboard. W. J. Prouse .. .. .  | 14922 | 26 May.   |
| Weatherproof newspaper-delivery box. J. Sigley .. .. .                              | 15236 | 2 Aug.    |
| Weeding-tool, Farm. W. Harrison .. .. .   | 15714 | 3 Dec.    |
| Well-driving. G. L. Pearson .. .. .   | 14904 | 23 May.   |
| Welt-sewing machine. United Shoe Machinery Company .. .. .                          | 15206 | 2 Aug.    |
| Wharf-pile composition. T. S. Mullay and W. Sievwright .. .. .                      | 14881 | 13 May.   |
| Wheel. (See Free wheel, Vehicle-wheel, Water-wheel.)                                |       |           |
| Wheel and tire. G. W. Pitt and E. Martin .. .. .                                    | 14619 | 13 March. |
| Wheel driving and braking mechanism. Barwest Coaster-brake Company .. .. .          | 14437 | 16 Jan.   |
| Wheel-hub. J. R. Hayne .. .. .  | 14850 | 3 May.    |
| Wheel-lock. A. Cooper .. .. .   | 14920 | 26 May.   |
| Wheel-lock. F. Matthews .. .. .   | 14953 | 4 June.   |
| Wheel-lock. T. Firth .. .. .  | 15223 | 6 Aug.    |
| Wheel-lock. T. Firth .. .. .  | 15369 | 9 Sept.   |
| Wheel lock, Vehicle-. J. R. and W. H. Jewell .. .. .                                | 14645 | 20 March. |
| Wheel lock, Vehicle-. A. Cooper .. .. .   | 15232 | 7 Aug.    |
| Wheel of boot-finishing machine. G. H. Catt .. .. .                                 | 15350 | 4 Sept.   |
| Wheel of vehicles, Locking. J. R. and W. H. Jewell .. .. .                          | 14645 | 20 March. |
| Wheel-rim, Tightening. J. Winters .. .. .   | 15584 | 31 Oct.   |
| Wheel stop, Vehicle-. F. Hutton .. .. .   | 15720 | 4 Dec.    |
| Wheel-tire compressing-apparatus. J. M. Chambers .. .. .                            | 15078 | 3 July.   |
| Wheel-tire cover. F. S. Ornstien .. .. .  | 15703 | 29 Nov.   |
| Wheel-tire cover, Shaping. F. S. Ornstien .. .. .                                   | 15704 | 29 Nov.   |
| White-lead, Manufacture of. Clancy White-lead Company Proprietary (Limited) .. .. . | 15542 | 23 Oct.   |
| Wick, Lamp-. R. L. Suckling .. .. .   | 15307 | 25 Aug.   |
| Wick, Lamp-. D. Gascoyne .. .. .  | 15743 | 10 Dec.   |
| Windings for electrical machine. W. T. L. Travers .. .. .                           | 14404 | 7 Jan.    |
| Windmill. J. Bedford and T. F. Longland .. .. .                                     | 14541 | 20 Feb.   |
| Windmill, Mechanism for. R. Nicholas .. .. .  | 14929 | 27 May.   |
| Windmill, Starting and stopping. J. M. Phillipps .. .. .                            | 15551 | 25 Oct.   |
| Windmill, Stopping and restarting. J. M. Phillipps .. .. .                          | 14516 | 12 Feb.   |
| Window. R. S. Reid .. .. .  | 14867 | 10 May.   |
| Window-blind. T. McMillan .. .. .   | 15427 | 20 Sept.  |
| Window-cord, Renewing. A. Smith and R. Ewing .. .. .                                | 15499 | 10 Oct.   |
| Window-curtain, Supporting. V. H. L. Wood .. .. .                                   | 15636 | 17 Nov.   |
| Window-fastener. F. W. Preddy .. .. .   | 15026 | 20 June.  |
| Window-fastening. W. T. Michelli .. .. .  | 15010 | 17 June.  |