

## ALPHABETICAL LIST OF INVENTIONS—continued.

| Invention.   | Name.   | Application. |                    | Gazette. |              |
|--|---|--------------|--------------------|----------|--------------|
|  |   | No.          | Date.              | No.      | Date.        |
| Tire, Sealing punctures in .. .. .                                     | T. H. B. Gayner .. .. .                       | 20669        | 1 Feb. .. .. .     | ..       | ..           |
| Tire-valve .. .. .   | F. G. Knight .. .. .                          | 19294        | 3 April, 1905 ..   | 26       | 5 April. *   |
| Toasting-fork .. .. .  | W. J. Bradford .. .. .                        | 20812        | 6 March .. .. .    | 22       | 22 March. *  |
| Tobacco, Manufacture of .. .. .  | K. Matthews .. .. .                           | 20924        | 30 March .. .. .   | ..       | ..           |
| Tobacco-pipe .. .. .   | P. A. Kenna .. .. .                           | 20662        | 31 Jan. .. .. .    | ..       | ..           |
| Toe-clip .. .. .   | A. W. Loone .. .. .                           | 20368        | 23 Nov., 1905 ..   | 2        | 11 Jan. ..   |
| Tool and pencil sharpener .. .. .                                      | F. Castle and W. Garey ..                     | 20691        | 7 Feb. .. .. .     | 19       | 8 Mar. *     |
| Toothache-cure .. .. .   | J. Wilson .. .. .                             | 20872        | 16 March .. .. .   | ..       | ..           |
| Trace-hook .. .. .   | T. J. Davenport .. .. .                       | 20894        | 21 March .. .. .   | ..       | ..           |
| Trace-chain spreader .. .. .   | R. Stewart .. .. .                            | 20762        | 20 Feb. .. .. .    | 19       | 8 March. *   |
| Tram or train indicator .. .. .  | H. Ashworth .. .. .                           | 20648        | 27 Jan. .. .. .    | 15       | 22 Feb. *    |
| Tramway-point .. .. .  | W. S. Gillies .. .. .                         | 20793        | 1 March .. .. .    | 22       | 22 March. *  |
| Tram-rail cleaner .. .. .  | J. S. Ryan .. .. .                            | 20899        | 23 March .. .. .   | ..       | ..           |
| Trap. (See Bush-vermin trap, Crayfish-trap, Egg-trap.)                 |   |              |                    |          |              |
| Trolley-head .. .. .   | G. B. Holmes and A. D. Allen ..               | 20688        | 7 Feb. .. .. .     | 15       | 22 Feb. *    |
| Trolley-pole adjuster .. .. .  | A. Williams .. .. .                           | 20858        | 12 March .. .. .   | ..       | ..           |
| Trouser and brace adjustment .. .. .                                   | J. A. Woodward .. .. .                        | 20611        | 20 Jan. .. .. .    | 15       | 22 Feb. *    |
| Trucks, Unloading coal from .. .. .                                    | A. G. Davies .. .. .                          | 20824        | 6 March .. .. .    | 26       | 5 April. *   |
| Tube-cutter .. .. .  | H. Sloane .. .. .                             | 20659        | 30 Jan. .. .. .    | 26       | 5 April. *   |
| Turbine-shaft, Packing-device for .. .. .                              | C. A. Parsons .. .. .                         | 20806        | 20 April, 1905† .. | ..       | ..           |
| Turbine-vanes, Securing .. .. .  | C. E. Sweet .. .. .                           | 20881        | 20 April, 1905† .. | 26       | 5 April. ..  |
| Turbine-vanes, Securing .. .. .  | E. E. Arnold .. .. .                          | 20868        | 18 Mar., 1905† ..  | ..       | ..           |
| Turbine-vanes, Securing .. .. .  | E. E. Arnold .. .. .                          | 20869        | 22 Mar., 1905† ..  | ..       | ..           |
| Turbine-vanes, Securing .. .. .  | J. H. Wagenhorst .. .. .                      | 20867        | 18 Mar., 1905† ..  | ..       | ..           |
| Turbine. (See Steam-turbine.)  |   |              |                    |          |              |
| Turn-coupling for vehicle .. .. .                                      | J. H. Booth .. .. .                           | 20555        | 10 Jan. .. .. .    | 6        | 25 Jan. *    |
| Turnip-thinner .. .. .   | A. Storrie .. .. .                            | 19534        | 25 May, 1905 ..    | 22       | 22 March. .. |
| Turnip or plant thinner .. .. .  | J. Macalister .. .. .                         | 20800        | 28 Feb. .. .. .    | 26       | 5 April. *   |
| Typewriter line-spacer .. .. .   | A. B. Wilson .. .. .                          | 20552        | 10 Jan. .. .. .    | 6        | 25 Jan. *    |
| Upholstering .. .. .   | F. Barrow .. .. .                             | 19736        | 13 July, 1905 ..   | 26       | 5 April. ..  |
| Vacuum filter .. .. .  | C. Butters .. .. .                            | 20817        | 8 March .. .. .    | 26       | 5 April. ..  |
| Valve .. .. .  | Brunswick Refrigerating Company               | 20884        | 21 March .. .. .   | ..       | ..           |
| Valve .. .. .  | W. Angus .. .. .                              | 20893        | 21 March .. .. .   | ..       | ..           |
| Valve, Tire .. .. .  | F. G. Knight .. .. .                          | 19294        | 3 April, 1905 ..   | 26       | 5 April. ..  |
| Vehicle balance-adjuster .. .. .                                       | P. J. McGinn .. .. .                          | 20630        | 24 Jan. .. .. .    | 19       | 8 March. ..  |
| Vehicle. (See Mono-wheel vehicle, Railway-vehicle, Road-vehicle.)      |   |              |                    |          |              |
| Vehicle-springs, Controlling recoil of .. .. .                         | J. W. Fowler .. .. .                          | 20723        | 12 Feb. .. .. .    | 19       | 8 March. *   |
| Vehicle-wheel .. .. .  | W. S. Burt .. .. .                            | 20664        | 31 Jan.† .. .. .   | ..       | ..           |
| Ventilator and chimney-top .. .. .                                     | H. J. Marks .. .. .                           | 20621        | 23 Jan. .. .. .    | 15       | 22 Feb. ..   |
| Ventilator .. .. .   | V. Berg .. .. .                               | 19559        | 5 June, 1905 ..    | 22       | 22 March. .. |
| Vessel, Navigable .. .. .  | The Monitor Shipping Corporation, Limited     | 19861        | 10 Aug., 1905 ..   | 22       | 22 March. .. |
| Vote-recorder .. .. .  | E. Boggiano .. .. .                           | 20635        | 24 Jan. .. .. .    | ..       | ..           |
| Voting-machine .. .. .   | A. Parker .. .. .                             | 19012        | 31 Jan., 1905 ..   | 10       | 8 Feb. ..    |
| Washer. (See Clothes-washer, Dish-washer.)                             |   |              |                    |          |              |
| Washing and draining cabinet .. .. .                                   | N. W. Gosling and J. Kennington               | 19372        | 17 April, 1905 ..  | 19       | 8 March. ..  |
| Water, Detection of undue .. .. .                                      | R. Cockburn .. .. .                           | 20831        | 8 March .. .. .    | ..       | ..           |
| Water-heater .. .. .   | W. D. Martin and N. M. Thomson                | 20891        | 21 March .. .. .   | ..       | ..           |
| Water-pipes, Protecting, from frost .. .. .                            | O. K. Carlson .. .. .                         | 20901        | 23 March .. .. .   | ..       | ..           |
| Weed and animal destruction .. .. .                                    | B. Locking .. .. .                            | 20406        | 5 Dec., 1905 ..    | 19       | 8 March. *   |
| Weed. (See Noxious weed.)  |   |              |                    |          |              |
| Westinghouse brake, Hose of .. .. .                                    | A. M. Anderson .. .. .                        | 20840        | 13 March .. .. .   | 26       | 5 April. *   |
| Wheel .. .. .  | T. Gare .. .. .                               | 20790        | 28 Feb. .. .. .    | ..       | ..           |
| Wheel. (See Mono-wheel, Motor-car wheel, Plough-wheel, Vehicle-wheel.) |   |              |                    |          |              |
| Wheel hub, Bicycle and motor .. .. .                                   | A. Ashcroft .. .. .                           | 20655        | 27 Jan. .. .. .    | 22       | 22 March. *  |
| Whisk .. .. .  | E. R. Godward .. .. .                         | 20658        | 30 Jan. .. .. .    | 15       | 22 Feb. *    |
| Winch .. .. .  | G. T. Macfarlane .. .. .                      | 19427        | 4 May, 1905 ..     | 10       | 8 Feb. ..    |
| Winch and hoist .. .. .  | E. S. Baldwin and H. H. Rayward               | 20914        | 29 March .. .. .   | ..       | ..           |
| Windmill mechanism .. .. .   | M. Daly .. .. .                               | 20632        | 24 Jan. .. .. .    | 15       | 22 Feb. *    |
| Window .. .. .   | T. S. Philpott .. .. .                        | 20457        | 15 Dec., 1905 ..   | 26       | 5 April. ..  |
| Window-fastener .. .. .  | E. J. Hampton .. .. .                         | 20588        | 17 Jan. .. .. .    | 10       | 8 Feb. *     |
| Windows, Hanging .. .. .   | H. J. Marks .. .. .                           | 20620        | 23 Jan. .. .. .    | 15       | 22 Feb. ..   |
| Window, Louvre .. .. .   | W. E. Percival .. .. .                        | 19255        | 27 March, 1905 ..  | 15       | 22 Feb. ..   |
| Window-sash adjuster .. .. .   | J. O. Galbally .. .. .                        | 20860        | 15 March .. .. .   | 26       | 5 April. *   |
| Window-sash attachment .. .. .   | G. F. Evans .. .. .                           | 20687        | 8 Feb. .. .. .     | 15       | 22 Feb. *    |
| Window-sash balance and fastener .. .. .                               | A. Curwood, J. Harrison, and E. A. Cameron    | 20543        | 16 May, 1905 ..    | 15       | 22 Feb. ..   |
| Window-screen .. .. .  | S. Parker and W. Johnson .. ..                | 20706        | 10 Feb. .. .. .    | ..       | ..           |
| Wire twister and strainer .. .. .                                      | G. Carrington .. .. .                         | 20532        | 5 Jan. .. .. .     | 6        | 25 Jan. *    |
| Wire, uncoiling .. .. .  | B. T. Chaytor and T. Hannon ..                | 20941        | 31 March .. .. .   | ..       | ..           |
| Wireless-signalling receiver .. .. .                                   | J. T. Hunter .. .. .                          | 20741        | 17 Feb. .. .. .    | 26       | 5 April. *   |
| Wireless telegraphy .. .. .  | Marconi's Wireless Telegraph Company, Limited | 20880        | 21 March .. .. .   | ..       | ..           |
| Wire-strainer .. .. .  | J. Rennie .. .. .                             | 20897        | 20 March .. .. .   | ..       | ..           |
| Wire-strainer .. .. .  | E. H. Smith .. .. .                           | 20918        | 29 March .. .. .   | ..       | ..           |
| Wire-strainer .. .. .  | A. Hay .. .. .                                | 20796        | 2 March .. .. .    | 22       | 22 March. *  |
| Wood-drill .. .. .   | W. A. E. Browne .. .. .                       | 19499        | 10 May, 1905 ..    | 15       | 22 Feb. ..   |
| Wood-paving block .. .. .  | J. Duffy .. .. .                              | 20728        | 18 Feb., 1905† ..  | 22       | 22 March. .. |
| Wooden towers, Construction of .. .. .                                 | G. T. Bennett .. .. .                         | 20904        | 24 March .. .. .   | ..       | ..           |
| Wrench. (See Pipe-wrench.)   |   |              |                    |          |              |