

ALPHABETICAL LIST OF TITLES OF INVENTIONS—*continued.*

Invention and Name of Inventor.	No.	Date.
Truss for rupture. R. W. Gibbs and T. H. Manson	15381	8 Sept.
Tub. (See Wash-tub.)		
Tube of tire, Inner pneumatic. C. E. A. Esse	15121	17 July.
Tubes and pipes, Bending sheet metal for. T. Danks	15382	9 Sept.
Tubes, Manufacture of metal. B. F. McTear	14403	6 Jan.
Tumbler, Securing sleeve to. J. Murison and C. L. Watt	14808	26 April.
Tumbler-shaft, Securing bush on. F. A. Cutten	15180	25 July.
Tumbler-shaft, Sleeve for. J. Murison	14683	25 March.
Tunnel, Wall or lining for. G. H. Dunlop	15819	30 Dec.
Turbine. E. Moss	14552	20 Feb.
Turbine. (See Steam-turbine.)		
Turning boots, &c., Machine for. United Shoe Machinery Company	15103	10 July.
Turnip-sowing attachment to machine. J. F. McNeill	14567	27 Feb.
Typewriter, Copying-ink for. W. Stewart	15530	15 Oct.
Typewriter, Paper-feeding attachment to. D. W. McArthur	15430	23 Sept.
Umbrella. J. Clegg	14802	28 April.
Umbrella. K. Davy	15300	16 Aug.
Umbrella. K. Davy	15545	22 Oct.
Umbrella-fastener. R. N. Adams	15789	16 Dec.
Umbrella-rib, Clip for broken. T. Rice	15513	14 Oct.
Urinals, Automatic flushing latrines and. J. L. Williams	14687	1 April.
Valise. (See Kit valise.)		
Valise accessories, Tents and. W. Y. Hunter	15707	2 Dec.
Valve. H. L. Wallace	15423	19 Sept.
Valve-arrangement for suction dredging. J. Shepherd	15503	10 Oct.
Valve for ammonia-gas compressor. W. H. Humble	15286	20 Aug.
Valve-gear, Engine. W. Mayne	15583	31 Oct.
Valve, Relief. P. E. Sagnol and T. Tonks	15719	4 Dec.
Valve, Safety. M. Corrington	15820	30 Dec.
Valve, Self-flushing time-, for sewage-distribution. E. S. Baldwin and H. H. Rayward	15418	18 Sept.
Valves, Water-closet. J. Cook	14880	15 May.
Vaporising water. F. J. Maindonald	14848	6 May.
Vapour-burner. E. Waters, jun.	15718	4 Dec.
Variable gearing for velocipedes. J. Archer	14916	21 May.
Variable speed-gearing for velocipedes. J. H. Braithwaite	15770	17 Dec.
Varnish, Printers' ink and. A. G. Wass	15169	22 July.
Vat. J. Smethurst	14754	17 April.
Vat. (See Rolling-vat.)		
Vehicle, Adjustable seat and tailboard for. W. Jenkinson	15509	9 Oct.
Vehicle, Attachment to, for use as a sail and advertiser. H. Thatcher	15317	28 Aug.
Vehicle-brake. H. P. Brassel	14602	10 March.
Vehicle-brake. J. McIntosh and P. Scoringe	14894	20 May.
Vehicle, Flap-attachment to. R. Caldwell	14941	28 May.
Vehicle, Lock for wheel of. F. Matthews	14953	4 June.
Vehicle, Oiling axles of. T. S. Philpott	14609	12 March.
Vehicle, Outrigger draw-gear for. R. D. Kelly	15254	15 Aug.
Vehicle, Preventing horse running away with. F. Matthews	14913	24 May.
Vehicle, Spreader for draught-chains of. W. H. Reynolds	14722	8 April.
Vehicle, Spreader for draught-chains of. W. S. Ayson	15190	29 July.
Vehicle-spring. F. S. Potter	15144	17 July.
Vehicle, Tire for wheel of. C. Tandy	14842	5 May.
Vehicle, Under-frame of. F. H. Aussel	14780	22 April.
Vehicle-wheel. H. E. McDonald	15389	12 Sept.
Vehicle wheel and tire. G. W. Pitt and E. Martin	14619	13 March.
Vehicle-wheel brake. F. Matthews	15792	19 Dec.
Vehicle-wheel lock. J. R. and W. H. Jewell	14645	20 March.
Vehicle-wheel lock. T. Firth	15758	15 Dec.
Vehicle-wheel stop. F. Hatton	15720	4 Dec.
Veil, Securing. E. Milsom and J. Stewart	15062	30 June.
Velocipede, Free wheel, &c., for. J. H. Braithwaite	15770	17 Dec.
Velocipede-gearing. J. Archer	14916	21 May.
Venetian-blind. E. Milsom and J. Stewart	14944	31 May.
Venetian-blind. R. Barrett	15523	16 Oct.
Ventilating boots, &c. L. Staples and W. Taylor	15399	12 Sept.
Ventilating halls, &c. J. D. Kelly, D. P. Fisher, and N. V. G. Wix	14952	4 June.
Ventilating, Window for. F. Roberts	15546	21 Oct.
Ventilator. W. Craig	14875	10 May.
Ventilator. H. I. M. Ross	14884	14 May.
Ventilator. The Shedd Electric and Manufacturing Company	15443	25 Sept.
Ventilator. R. Tudhope and B. Crawford	15481	3 Oct.
Ventilator. W. F. Slack	15552	25 Oct.
Vermin, Destruction of. C. Robinson	15046	27 June.
Vessel for metallurgical work, Lining of. G. Westinghouse	15479	7 Oct.
Vessel for treating gold-ores in. F. C. Brown and S. D. McMiken	14883	12 May.
Vessel, Loading, &c. G. H. Airey	15609	6 Nov.
Vessels, Unloading. Economic Hoisting and Ballast Company	15749	11 Dec.
Vote-recorder. F. W. Paterson	15174	23 July.
Voting-apparatus, Registering and recording machine for use with. H. Droutledge	14772	17 April.
Voting-machine. F. A. Bardwell	14791	24 April.
Voting-machine. H. B. Cary	14576	4 March.
Wad. (See Ammunition-wad.)		
Wad for ammunition-loading. Colonial Ammunition Company (Limited)	15435	24 Sept.
Wagon for carrying bucket. H. W. Lovegrove	14928	24 May.
Walking-stick, Ferrule for. T. J. Giffedder and J. McKenna	14840	5 May.
Wall. (See Partition-wall.)		
Wall or lining for tunnel, &c. G. H. Dunlop	15819	30 Dec.
Walling. E. L. Pease	15740	10 Dec.