

ALPHABETICAL LIST OF TITLES OF INVENTIONS—*continued.*

| Invention, and Name of Inventor. | No. | Date. |
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| Traction. (See Electric traction.) | | |
| Train. (See Railway-train.) | | |
| Train-service time-table, Apparatus for. W. R. Smith | 13613 | 15 May. |
| Tram-cars, Station-indicator for. H. T. Smith and A. J. Tarrant | 14063 | 26 Sept. |
| Tramway, Aerial. V. J. Saddler | 13904 | 10 Aug. |
| Tramway, Wire-rope. A. Leschen and Sons' Rope Company | 13411 | 15 Feb. |
| Transplanting-appliance. R. T. Batley | 13314 | 15 Jan. |
| Trap. (See Animal-trap, Mercury and bullion trap, Rabbit-trap, Rat-trap.) | | |
| Travelling belt, Transferring, from one pulley to another. J. J. Leahy and A. Parmiter | 13796 | 6 July. |
| Treadle-actuated machine. A. H. Light | 13957 | 31 Aug. |
| Tree. (See Harrow-tree, Shoe-tree, Whippletree.) | | |
| Trenching-plough mould-board. E. T. R. Coates and W. K. Elder | 14212 | 8 Nov. |
| Tricycles, Propulsion of. G. A. H. Pietsch | 13715 | 10 June. |
| Trolleys, Loading and unloading. C. Macdonald | 13674 | 3 June. |
| Trolley-switch. J. Aitchison | 14153 | 19 Oct. |
| Trouser-fastening for cyclist. J. Hanley and W. J. Irwin | 13802 | 10 July. |
| Trousers. (See Cycling-knickers.) | | |
| Truck. (See Cattle-truck.) | | |
| Truck and elevator combined. W. E. Douglas and T. G. Greedy | 13433 | 1 March. |
| Tube. (See Conductor-tube.) | | |
| Tube and hose joint. D. Hurst | 14045 | 24 Sept. |
| Tug. (See Shaft-tug.) | | |
| Tumbler for dredging-machinery. D. M. Middleton | 13750 | 24 June. |
| Tumbler-shaft, Dredge-grubber and. M. Guinan | 13371 | 4 Feb. |
| Turbine motor. J. E. Friend | 14033 | 23 Sept. |
| Turbo-compressor. Hon. C. A. Parsons | 13950 | 29 Aug. |
| Turner. (See Music-leaf turner.) | | |
| Turnip and manure ridger and potato-planter. A. Storrie | 13837 | 19 July. |
| Turnip and root slicer. J. Walker and R. F. Campbell | 13738 | 19 June. |
| Turnip hoe and thinner. P. J. Parimter | 14551 | 22 April. |
| Turnip-seed sower. H. Greig | 14075 | 2 Oct. |
| Turnip-thinner. J. Gray | 14102 | 3 Oct. |
| Twine. W. E. Hughes | 13872 | 31 July. |
| Twisting-in machine. W. E. Krey and A. Duppler | 13782 | 5 July. |
| Type setting and justifying machine. Dow Composing Company | 14023 | 20 Sept. |
| Typewriting-machine, Copy-holder for. A. C. Murray | 13587 | 8 May. |
| Tyre. (See Tire.) | | |
| Upper. (See Boot-upper.) | | |
| Urinals, &c., Flushing. R. Lauchlan | 13909 | 14 Aug. |
| Utensil. (See Culinary utensil.) | | |
| Utensil-stand for fire-place. E. N. Heycock | 13978 | 6 Sept. |
| Valve. C. W. Milne and F. C. Haste | 14387 | 30 Dec. |
| Valve. H. L. Wallace | 14280 | 27 Nov. |
| Valve. H. L. Wallace | 14281 | 27 Nov. |
| Valve. H. L. Wallace | 14282 | 27 Nov. |
| Valve for acetylene-generator. J. P. Campbell | 13809 | 11 July. |
| Valve. (See also Relief-valve.) | | |
| Vaporised oil and air, Producing mixtures of. J. Wilkinson | 13404 | 14 Feb. |
| Vaporising and burning hydrocarbon oils. A. Hayes | 13577 | 3 May. |
| Vapour-engine. W. Brown | 13867 | 30 July. |
| Vegetable-cutter. C. E. Schwartz and G. Taylor | 13634 | 23 May. |
| Vegetable food compound. J. H. Kellogg | 13593 | 9 May. |
| Vehicle. (See Motor vehicle.) | | |
| Vehicle, Apparatus for relieving pressure on horse when brake is applied to. J. Jennett and A. Allen | 13645 | 23 May. |
| Vehicle-brake. P. P. J. Clinton | 13398 | 13 Feb. |
| Vehicle-seat. A. Roberts | 14392 | 23 Dec. |
| Vehicle-seat arrangement. E. R. Atkin | 13917 | 17 Aug. |
| Vehicles, Preventing horses running away with. F. Cook and J. Symons | 14140 | 21 Oct. |
| Vehicle, Steam-propelled. E. L. Wickins | 14285 | 28 Nov. |
| Velocipede. H. Glade | 13421 | 21 Feb. |
| Velocipede-driving mechanism. M. C. Elliott | 14391 | 30 Dec. |
| Vending-mechanism, Coin-freed. I. McGain | 14105 | 8 Oct. |
| Venetian-blind mechanism. W. Conyers | 14322 | 12 Dec. |
| Venetian-blind mechanism. T. Summerton, jun. | 14336 | 16 Dec. |
| Ventilating-apparatus. H. I. M. Ross | 13518 | 29 March. |
| Ventilating buildings. T. Darlington | 14040 | 24 Sept. |
| Ventilating cream in cream-separator. A. H. Borgstrom | 13718 | 14 June. |
| Ventilating milk or cream in closed vessel. A. H. Borgstrom | 13719 | 14 June. |
| Ventilating mines. J. Neal | 14307 | 4 Dec. |
| Ventilating mines. R. J. Webster and A. Allison | 14376 | 30 Dec. |
| Ventilating skylight. J. Christie | 13812 | 9 July. |
| Ventilation. C. L. Pullman | 13636 | 23 May. |
| Ventilation by window-openings. J. W. G. Alford and B. C. Martin | 13894 | 8 Aug. |
| Ventilator. W. B. Johnson | 13328 | 19 Jan. |
| Ventilator. J. C. Karsten and E. A. Cameron | 13723 | 12 June. |
| Ventilator. R. M. Baddeley | 13580 | 1 May. |
| Verandah-roof, window-shutter, and sunshade combined. A. Jones | 14123 | 10 Oct. |
| Vessel's hull, Cleaning. W. S. Burt | 13987 | 10 Sept. |
| Vessels, Propelling. D. Jones | 13997 | 12 Sept. |
| Vibrator. (See Anti-vibrator.) | | |
| Vote-recording apparatus. F. W. Paterson | 14118 | 14 Oct. |
| Voting-machine. F. F. Church | 13335 | 28 Jan. |
| Voting-machine. L. W. Luellen | 14127 | 17 Oct. |
| Wagons, Loading and unloading. C. Macdonald | 13674 | 3 June. |
| Waist, skirt, and belt holder. F. E. Benda | 13533 | 11 April. |