

ALPHABETICAL LIST OF TITLES OF INVENTIONS—*continued.*

Invention and Name of Inventor.	No.	Date.
Tennis. (See Table-tennis.)		
Tension bridge. F. Lambert	15238	8 Aug.
Tent. E. T. and Y. S. Towgood and J. Allison	14603	10 March.
Tents and valise accessories. W. Y. Hunter	15707	2 Dec.
Testing foul gas of mines. J. Hylard	15321	28 Aug.
Textile letter-tracing. G. Pulman	14909	21 May.
Textile material in roll, Indicating length of. T. S. Philpott and T. Herd	15471	3 Oct.
Thermometer, Electric-alarm. A. Johnston	15332	28 Aug.
Thimble, Sewing-. J. Pomeroy	15059	27 June.
Three-wire system of overhead construction. A. W. Parker	15446	20 Sept.
Tide, Signalling state of. G. Allman	15611	6 Nov.
Tide, Signalling state of. G. Allman, F. Clennell, and H. L. Moffatt	15776	17 Dec.
Tightener. (See Wire-tightener.)		
Tightener, Belt and rope. A. S. Pike	15747	11 Dec.
Tightening rim of wooden wheel. J. Winters	15584	31 Oct.
Tightening wire fencing. C. E. Hayward, jun.	15590	3 Nov.
Timber-jack, Shoe for. J. B. Jackson	14399	6 Jan.
Time-recorder. (See Clock.)		
Time cultivator, Spring. F. Cooper	14677	22 March.
Tinning machine, Butter-. R. Boxall and A. A. Robinson	15543	23 Oct.
Tins, Sealing. Valves (Limited)	14682	26 March.
Tip-draw. G. Burren	15455	30 Sept.
Tire. G. W. Pitt and E. Martin	14619	13 March.
Tire. (See Bicycle-tire, Pneumatic tire, Wheel-tire.)		
Tire-cover. G. F. Brown	15615	7 Nov.
Tire, Cover for pneumatic. C. D. Lightband	15495	7 Oct.
Tire of bicycle, Removing. S. Nicholson	15659	20 Nov.
Tires, Cleaning mud from. B. I. Hayward and R. A. Gibson	14877	15 May.
Tires, Shaping covers of. F. S. Ornstien	15704	29 Nov.
Tires, Sustaining air-pressure in. P. J. Darling, F. L. Summerton, and F. J. Amos	15567	28 Oct.
Tires, Vehicle-wheel. C. Tandy	14842	5 May.
Toaster. (See Bread-toaster.)		
Tobacco-box, Transporting. W. E. Shaw	15209	2 Aug.
Tobacco-cutter. H. Jones	14617	13 March.
Tobacco-pipe. E. T. and Y. S. Towgood and J. Allison	14774	19 April.
Tobacco-pipe. C. Peterson	15016	19 June.
Tobacco-pipe cleaner. A. Williamson	15587	29 Oct.
Tobacco-pipe, Ferrule for. T. J. Gilfedder and J. McKinna	14840	5 May.
Tobacco-pipe, Nicotine-trap, &c., for. W. A. Ede-Clendinnen	15384	11 Sept.
Tongs. W. Borlase	15488	3 Oct.
Tool. (See Cramping-tool, Lawn-weeding Tool, Tacking-tool.)		
Tool-bag, Saddle. A. Gray	15266	15 Aug.
Tool, Combination. C. Henry and W. Giesler	14786	21 April.
Tool, Edged. R. McKenzie	15722	2 Dec.
Tool for forming necks of bottles. Universal Seal and Stopper Company	14886	20 May.
Totalisator. H. Droutledge	15814	22 Dec.
Totalisator, Registering and recording machine for use with. H. Droutledge	14772	17 April.
Towel-rack. A. Le B. F. Struthers	14659	21 March.
Toy. F. Hornby	14407	8 Jan.
Toy. R. W. Duke	15599	5 Nov.
Track-construction for electric railway. J. T. Hunter	14879	15 May.
Traction. (See Electric traction.)		
Traction-engine brake. J. Warring, jun.	14646	20 March.
Traction machinery. N. Hiss	15782	18 Dec.
Traction on wooden tramways. W. L. Luxford	15056	30 June.
Trade coupon. Mutual Benefit Bonus Company (Limited)	14580	6 March.
Trailed carriage, Connecting bicycle with. A. R. Wilkins and J. W. Odering	15177	26 July.
Train, Distance-indicator for. J. McKinnon	15816	29 Dec.
Trains and trams, Communication on. E. A. Angus	14406	8 Jan.
Tramcar brake, Electric-. J. T. Hunter	15579	30 Oct.
Tram-lines, Cleaning grooves of. F. A. Jones, O. Bowman, G. McMullen, and A. Rankin	14863	9 May.
Tram-rail clearer. K. C. Jackson	14459	22 Jan.
Tramway-rails, Fixing. W. J. Foot	14426	14 Jan.
Transmission of power, &c., by electro-magnetic waves. E. Waters, jun.	15375	6 Sept.
Transmitting motion to cutter of shearing-machine. J. K. Stewart	15091	10 July.
Transporting milk, Means for. F. H. Aussel	14981	10 June.
Trap. (See Animal-trap Bird-trap, Drain-trap, Drainage-trap, Filter-trap, Fly-trap, Nicotine-trap, Rabbit-trap, Rat-trap.)		
Trap for liberating pigeons. J. Rose	15004	13 June.
Tread, Divided, for boot, &c. E. Dimant	15101	13 July.
Trenching-plough. E. T. R. and J. G. Coates and W. K. Elder	15251	12 Aug.
Triangles, Ascertaining co-ordinates of right-angled. T. McFarlane	14500	6 Feb.
Trimming soles of boots. United Shoe Machinery Company	15650	19 Nov.
Tripping-block for use in hauling logs. G. Davidson	14558	24 Feb.
Trough. (See Animal-feeding trough, Watering-trough.)		
Trouser-clip. P. Scoringe	15359	4 Sept.
Trouser-clip, Cyclists'. W. Beamish	15668	19 Nov.
Trouser-suspender. H. G. MacWilliam	15823	30 Dec.
Trousers, Stretching. C. Bristow	14805	29 April.
Truck. A. J. Park	14987	7 June.
Truck and hoist, Portable. M. W. Fleming	15408	13 Sept.
Truck-bolster for street-car. A. J. Park	14988	7 June.
Truck-coupling. (See Railway-truck coupling.)		
Truck for street-cars. A. J. Park	14986	7 June.
Trueing up surface of flax-stripper drum. J. Anderson	15185	29 July.
Trumpet. (See Ear-trumpet, Sound-trumpet.)		
Truss. E. O'Connor	14839	5 May.