

ALPHABETICAL LIST OF TITLES OF INVENTIONS—*continued.*

Invention and Name of Inventor.	No.	Date.
Tire, Pneumatic. A. Ogden	10153	24 Nov.
Tire-protector. W. G. McGee	9233	27 Jan.
Tire-pump. J. Gaut	9766	11 Aug.
Tire puncture-proof, Method and composition for making pneumatic. P. J. Winch and J. T. Snell	9672	12 July.
Tire, Puncture-resisting shield for pneumatic. A. Manvers, M. Fink, and H. A. D. Sheppard ..	9325	4 March.
Tire, Repairing puncture in pneumatic. M. E. Barton	9433	6 April.
Tire, Single-tube. S. Macdonald and L. S. Harrison	9565	21 May.
Tobacco- and cigar-cutter, match-delivering device, and indicator combined. T. H. Ross and H. M. Evans	9489	3 May.
Tobacco-cutter and -rubber, Pocket. O. E. Duncan	9230	26 Jan.
Tobacco-pipe. W. H. Burton and R. W. de Montalk	10044	23 Sept.
Tobacco-pipe, Absorbent plug for. K. S. Begg	9588	4 June.
Tobacco-pipe, cigar- or cigarette-holder. J. Taylor	9990	14 Oct.
Tobacco-smoke, Wad or filter for filtering. E. B. and P. A. Vaile	9716	20 July.
Tobacco-tin or -canister. A. H. Turnbull	9286	19 Feb.
Toilet-powder ejector. J. J. Charlton and J. H. Kay	9197	14 Jan.
Tool, Boring- or drilling-. B. Wesselmann	9571	28 May.
Toothache- and neuralgia -cure. M. M. Squire	10193	6 Dec.
Tooth-brush. E. Cowles	9272	13 Feb.
Torpedo and torpedo destroyer mine. H. G. Bedell	9404	5 April.
Torpedo-boat. A. J. B. Body	10254	29 Dec.
Totalisator or enumerating machine. H. Hodsdon	10229	18 Dec.
Tow and waste fibres from flax-mills, Utilising. C. S. White and A. J. Cuming	9340	22 Feb.
Toy. L. Joyce	10166	24 Nov.
Toy, Optical. G. H. MacSwinney	10248	23 Dec.
Trace-connections, Hame-hook and similar. M. McDonald	10117	11 Nov.
Traces, Fastening for. T. McGrevy	9263	12 Feb.
Traces, Loop and eye for ends of harness. C. Anderson	9736	31 July.
Traction-engine, Attaching and detaching mud-climbs or spuds for. S. Graham	9668	6 July.
Traction-engine gripper-key. R. L. Christie	9684	12 July.
Tramway, Automatic loading-platform for aerial. G. B. Beere and D. G. MacDonnell	9267	10 Feb.
Tramway time-table. F. S. Stephen and J. Whyte	9833	27 Aug.
Tramway. (See also Railway.)		
Transmitting electrical impulses and signals, Apparatus for. The Wireless Telegraph and Signal Company (Limited)	9925	21 Sept.
Transmitting signals by and controlling electric currents. A. C. Crehore and G. O. Squier	9541	19 May.
Trap. (See Rabbit-trap, Rat-trap, Sewer-trap, Steam-trap.)		
Tree, Boot-. W. A. Mercer and D. R. S. Galbraith	9906	14 Sept.
Trees, Insecticide-dressing for fruit-. G. Wilks	9206	20 Jan.
Tricycle, Advertising medium in form of a. R. E. Saville	9400	24 March.
Tricycle or bicycle, Appliance for cleaning driving-chain of. P. Genn	9175	23 Dec.
Tricycle or bicycle interchangeable gearing. C. J. Royds and A. T. Cavell	9319	3 March.
Tricycle. (See also Cycles.)		
Trouser-clip. A. J. Cuming	9333	5 March.
Trouser-guard for cycle. E. R. Standfield and F. J. Fuchs	9607	11 June.
Trouser-rack and -stretcher. D. Munro	9556	18 May.
Truck or -wagon, Railway-. J. Colvin	9551	15 May.
Truss, Hernia-. R. Richardson	10069	28 Oct.
Tube-bending machine. A. J. Cuming	9776	10 Aug.
Tube-engine, Smoke-consuming, self-cleaning, steam, and hot-air utilising. E. L. Clark	10026	15 Oct.
Tubes, tubular unions, &c., Apparatus for truing up. R. Chillingworth	9618	18 June.
Tubing to sockets, Mode and means of joining. F. Billing and W. E. Partridge	9166	4 Jan.
Tubular auger. J. Murray	9494	4 May.
Tubular joint and apparatus for making same. C. T. Crowden	9261	12 Feb.
Turbine and dynamo for lighting incandescent electric lamp, Combined air-pressurè. T. G. Howland	10046	23 Oct.
Turnips, Implement for thinning. N. Townshend	9239	10 Dec., '96
Tuyère for forge. L. Billett and F. R. Cooper	9534	19 May.
Tuyère for furnace. W. L. Austin	9509	10 May.
Twine holding together parcels, &c., Device for securing ends of. H. N. McLeod	9441	13 April.
Twitch-grubber. P. Muirhead	9825	23 Aug.
Twitch-sods, Self-feeding machine for removing soil from. H. E. A. Minchin	9658	28 June.
Type-casting and -composing machine. Lanston Monotype-machine Company	10006	13 Oct.
Type-forming machines, Machine for preparing perforated record-strips for. Lanston Monotype-machine Company	10005	18 Oct.
Typefounding apparatus. F. Wicks	9855	2 Sept.
Typewriting-machine. The Imperial Writing-machine Company (Limited)	10089	4 Nov.
Typewriting machine, Book. G. C. Elliott and W. P. Hatch	9890	10 Sept.
Typographer, Roller-. A. Johnston	9752	31 July.
Tyre. (See Tire.)		
Umbrella. H. Winkelmann	9819	20 Aug.
Umbrellas, &c., to cycles, Affixing. C. E. Jay	10060	26 Oct.
Undercarriages of vehicles, Cross-arms balance for. D. Murphy, W. McManus, A. R. Harris, and G. W. Basley	9557	18 May.
Undercarriages of vehicles, Bearings and ends for balance for. D. Murphy, W. McManus, A. R. Harris, and G. W. Basley	9664	3 July.
Uninflammable, Treatment to render wood. E. M. Fox	9388	27 March.
Union and coupling for hose. A. H. W. Wedler	9943	30 Sept.
Urn and teapot, Tea-. C. C. Morris	9360	3 March.
Utensil, Cooking-. P. H. Pritchett	9816	20 Aug.
Utensil, Cover for cooking-. E. Smethurst	9523	13 May.
Valve-gearing for gas, oil, or internal-combustion engine. F. Henderson and M. T. N. Bluck	9749	29 July.
Valve. (See also Air-valve, Triple-valve.)		
Vamping-device. R., H., W. E., and R. H. Thompson	9807	18 Aug.
Vaporizer for oil- or spirit-engines. F. Henderson and M. T. N. Bluck	9750	29 July.
Variable gear, Roller-tooth. T. Foster	9836	28 July.