

ALPHABETICAL LIST OF INVENTIONS—continued.

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Spring-catch for windows ..	J. T. Young and J. Wren ..	15839	8 Jan. ..	6	23 Jan.
Spring-regulator, &c., for vehicle ..	M. Browne ..	15890	16 Jan. ..	9	5 Feb.*
Spring-resistance device ..	J. T. Hunter ..	16012	21 Feb. ..	43	28 May.
Springs, Friction- ..	P. Hien ..	15973	12 Feb. ..	..	..
Stack, Cover for hay, &c. ..	H. Ham ..	16018	23 Feb. ..	25	2 April.*
Stamp, Marking or branding ..	A. McLeod ..	15085	11 March ..	25	2 April.*
Stamping letters, packets, &c., Automatic ..	J. H. Husband ..	15829	5 Jan. ..	6	23 Jan.*
Stamping machine, &c., Metal- ..	D. Donald ..	14559	25 Feb., 1902	6	23 Jan.
Starting-gate, Race ..	A. Lyell ..	14962	6 June, 1902	6	23 Jan.
Stay-busk shields ..	A. F. Wall ..	14703	4 April, 1902	6	23 Jan.
Steam and air to furnace, Supplying ..	G. Claydon ..	15061	30 June, 1902	18	5 March.
Steam-boiler furnace ..	G. W. Basley ..	15998	16 Feb. ..	18	5 March.
Steam-engine, Compounded ..	R. P. Gibbons ..	15537	18 Oct., 1902	18	5 March.
Steam from hot slag, Generating ..	H. A. Seymour ..	15851	9 Jan. ..	6	23 Jan.
Steam-turbine ..	G. Westinghouse ..	16017	23 Feb. ..	18	5 March.
Steam-turbine motor ..	J. and E. H. Friend ..	16105	16 March ..	25	2 April.*
Steering plough, Means for ..	E. M. McLauchlan ..	15888	19 Jan. ..	9	5 Feb.*
Sterilising bones, &c. ..	J. A. Pond ..	15896	20 Jan. ..	9	5 Feb.*
Sterilising milk, &c. ..	E. S. Baldwin and H. H. Ray- ward ..	15865	14 Jan. ..	6	23 Jan.
Stirring auriferous material ..	P. Ferguson ..	15965	11 Feb. ..	..	..
Stone. (See Artificial stone.) ..	J. J. Collins and R. D. Harman ..	14930	29 May, 1902	9	5 Feb.
Stonework impervious to water, Making ..	Sir W. G. Armstrong, Whitworth, and Co. (Limited) ..	16133	25 March ..	25	2 April.
Stop for holding tipping-waggon ..	F. J. Fletcher ..	15997	18 Feb., 1902	18	15 March.
Stoppering and filling bottle ..	..	..	..	..	..
Strainer. (See Clothes-line strainer, Wire- strainer.) ..	..	..	..	..	..
Street-sweeping machine ..	T. Russell ..	14921	26 May, 1902	13	5 March.
Stretchers. (See Trouser-stretcher.) ..	..	..	..	..	..
Stripper for grass-seed ..	C. S. Alington ..	15981	13 Feb. ..	18	5 March.
Sunken vessel, Raising ..	D. C. Groves and A. R. Stanton ..	16096	16 March ..	25	2 April.*
Supplying steam and air to furnace ..	G. Claydon ..	15061	30 June, 1902	18	5 March.
Supporting clothes-line ..	H. F. Nelson ..	16079	10 March ..	25	2 April.*
Suspenders ..	W. Greenshields ..	16115	21 March ..	25	2 April.*
Sweeper and collector, Road ..	W. Brierley and G. Fraser ..	16070	6 March ..	21	19 March.*
Sweeping machine, Street- ..	T. Russell ..	14921	26 May, 1902	18	5 March.
Swinging window, Pivoting-arrangement for ..	W. Turnbull ..	14978	9 June, 1902	21	19 March.
Swingle-tree iron ..	W. D. Wilson ..	16146	25 March ..	29	16 April.*
Synthesis, Producing ammonia by ..	H. C. Woltereck ..	15892	21 Jan. ..	9	5 Feb.
System of handling material ..	H. W. Blaisdell ..	15836	7 Jan. ..	6	23 Jan.
Table, Revolving ..	H. J. Bettany ..	15866	14 Jan. ..	6	23 Jan.
Tail of cow, Holding ..	C. C. Neal ..	16113	20 March ..	25	2 April.
Tan, Extracting, from bark ..	G. H. Irvine ..	16048	4 March ..	21	19 March.
Tap ..	G. Helleur ..	16042	3 March ..	21	19 March.
Tap, Filter for ..	G. Meldrum ..	16064	6 March ..	21	19 March.*
Tap for drawing off beer, &c. ..	J. McLean and P. Ellis ..	16037	2 March ..	21	19 March.*
Tap, Measuring- ..	J. Watson and A. W. Crane ..	16050	2 March ..	21	19 March.
Tape embossing, &c., machine ..	A. J. Ellis ..	15994	18 Feb. ..	18	5 March.
Tar, Applying boiling, to wood blocks ..	C. M. Newson and M. Coulson ..	15983	11 Feb. ..	21	19 March.*
Tarring apparatus, Block- ..	T. Willmot and M. T. Morgan ..	16043	3 March ..	21	19 March.
Tea-infuser ..	K. Raymond ..	15855	7 Jan. ..	6	23 Jan.*
Tea-packing machine ..	A. H. Nathan ..	15403	16 Sept., 1902	13	19 Feb.
Teat of cow, Probe for ..	C. Ridd and C. E. Young ..	15964	10 Feb. ..	13	19 Feb.*
Telegraph, Ship's ..	J. Ormiston ..	15832	6 Jan. ..	6	23 Jan.*
Tellurian and selenotrope ..	A. Hosking ..	15895	20 Jan. ..	13	19 Feb.
Tennis-racquet handle ..	W. R. Cooper ..	15876	14 Jan. ..	9	5 Feb.*
Tent-rope, Peg for fixing ..	T. Morris ..	15920	27 Jan. ..	9	5 Feb.*
Thinning plants sown in ridges ..	D. Clark ..	16015	19 Feb. ..	18	5 March.*
Thread-waxing apparatus ..	United Shoe Machinery Company ..	15988	4 Feb. ..	13	19 Feb.
Threshing-machine, Grain-dresser of ..	J. E. Watkins ..	16153	30 March ..	29	16 April.
Thumb and guard attachment to sheep- shears ..	J. McGrath ..	16056	6 March ..	21	19 March.
Tin, Opening, with wire ..	G. Holford ..	16121	23 March ..	29	16 April.*
Tin, Tap for ..	G. Helleur ..	16042	3 March ..	21	19 March.
Tipping-wagon ..	Sir W. G. Armstrong, Whitworth, and Co. (Limited) ..	16133	25 March ..	25	2 April.
Tire ..	C. Tandy ..	14842	5 March, '02	13	19 Feb.
Tire, Pneumatic ..	P. Magnus ..	16140	26 March ..	25	2 April.
Titanium from ironsand, Extracting ..	C. F. Lungley ..	15917	29 Jan. ..	9	5 Feb.*
Tobacco-cutter ..	J. Warwood ..	15950	3 Feb. ..	13	19 Feb.*
Tobacco-pipe ..	E. T. Towgood, Y. S. Towgood, and J. Allison ..	14774	19 April, 1902	6	23 Jan.
Tobacco-pipe ..	H. E. J. Morgan ..	16055	6 March ..	21	19 March.*
Toe-piece for water-meter ..	B. Crawford ..	16032	28 Feb. ..	21	19 March.*
Top, Spinning- ..	J. C. Corbett ..	16181	31 March ..	29	16 April.*
Torch, Antiseptic ..	D. L. Turner ..	16060	7 March ..	21	19 March.*
Traction. (See Railway-traction.) ..	..	..	..	..	..
Train, Electrically lighting ..	A. B. Gill ..	15909	27 Jan. ..	9	5 Feb.
Train, Indicating approach of ..	J. Cotterill and C. McIntyre, jun. ..	14297	2 Dec., 1901	9	5 Feb.
Tramcar, Reflecting view of, to driver ..	S. G. Plucknett ..	16003	17 Feb. ..	18	5 March.*
Tramway, Signalling-apparatus for cable- trap. (See Animal-trap, Rabbit-trap.) ..	W. J. Dunstan ..	16176	31 March ..	29	16 April.*