

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Smoking-pipe	F. Staines	21509	26 July ..	77	6 Sept.
Soap	A. Murdoch	21649	14 Aug. ..	..	..
Soap, Pumice	E. T. C. Firth	20276	2 Nov., 1905	68	9 Aug.
Sock or stocking	A. McCole	20045	13 Sept., 1905	64	26 July.
Solids from liquids, Recovering	Merrell-Soule Company	21794	15 Sept. ..	..	..
Spade	W. C. Lawrence	21724	31 Aug. ..	..	..
Spanner, Shifting	J. Stewart	21343	22 June ..	68	9 Aug.*
Spark-arrester	C. R. Mayo	21637	23 Feb.† ..	81	20 Sept.
Spark-arrester	R. H. Northway	21604	9 Aug. ..	81	20 Sept.*
Speed-indicator	J. Tinker	21779	10 Sept. ..	..	..
Spirit-level	E. R. Godward	21497	23 July ..	74	23 Aug.*
Spout-head and strainer	T. Dugdale	20329	17 Nov., 1905	64	26 July.
Spraying-apparatus	I. G. Macfarlane	21810	18 Sept. ..	..	..
Spur	T. Cahill	21227	29 May ..	64	26 July.*
Stamping hats, boots, &c.	J. R. Rusden	21797	2 May† ..	..	..
Stamping or franking letters, &c.	E. Moss	21786	14 Sept. ..	84	4 Oct.*
Stamp-pad, Multi-coloured ink	W. T. Wingfield and C. W. Hermann	21678	22 Aug. ..	..	..
Stamp-vending machine	A. Parker	21707	28 Aug. ..	..	..
Stand and cutter for wrapping paper, &c. Standard. (See Fencing standard.)	E. A. Irwin	20083	20 Sept., 1905	68	9 Aug.
Staple-puller and claw-hammer	G. Dwyer and W. J. G. Pitt	21269	7 June ..	64	26 July.*
Station or street indicator	J. P. Maloney and H. Chisholm	21709	25 Aug. ..	..	..
Steamer for dairying purposes	H. H. Reimers	21823	21 Sept. ..	..	..
Steam-generator, Heating	L. Serpollet	21401	5 July ..	74	23 Aug.
Steam-valve	A. H. Farmer	19819	1 Aug., 1905	68	9 Aug.
Steel and iron, Manufacture of	M. Moore and T. J. Heskett	20990	12 April ..	64	26 July.
Steering ships	J. Rae	21260	6 June ..	68	9 Aug.*
Step-ladder	L. H., and L. Mote	21171	15 May ..	64	26 July.*
Stereotype, Casting curved	J. T. Hunter	21005	17 April ..	81	20 Sept.
Stereotypes, Casting curved	W. E. Hughes	21394	3 July ..	74	23 Aug.
Stirrup-iron	A. J. Hoban	21650	15 Aug. ..	..	..
Stock-feeder, Mechanical	T. Grainger	21720	30 Aug. ..	..	..
Stocking	A. McCole	20045	13 Sept., 1905	64	26 July.
Stop. (See door-stop.) .. .. .	.. .. .	..	..	..	..
Storing fresh fruits and produce	F. W. Meakin	21739	5 Sept. ..	..	..
Stove for heating tailors' iron	G. Michalopoulos	21796	14 Sept. ..	..	..
Stove, Fuel-box for	T. B. Lockley	21572	3 Aug. ..	77	6 Sept.
Stove. (See Gas-stove.) .. .. .	.. .. .	..	..	..	..
Strainer	A. McDonald	20256	28 Oct., 1905	77	6 Sept.
Strainer and aerator	W. Harvey	21322	15 June ..	68	9 Aug.*
Strainer. (See Wire-strainer.) .. .. .	.. .. .	..	..	..	..
Strainer, Spout-head, &c.	T. Dugdale	20329	17 Nov., 1905	64	26 July.
Strap. (See Breeching-strap, pedal-strap.) .. .. .	.. .. .	..	..	..	..
Street or tram-rail sweeper	J. Christie	21750	4 Sept. ..	..	..
Street-sweeper	J. L. Kirkbride	21335	22 June ..	64	26 July.*
Street-sweeper	R. Z. Garrett	21277	6 June ..	64	26 July.*
Stump-extractor	J. Brown	21411	4 July ..	68	9 Aug.*
Suction-denture	G. Camping	21605	9 Aug. ..	84	4 Oct.
Sulphide ores, Treating	R. C. Sticht	21516	26 July ..	..	..
Super-heater or heater	A. G. Nesfield and H. Brookes	21469	18 July ..	74	23 Aug.*
Surveying apparatus	D. W. McLean	21682	23 Aug. ..	81	20 Sept.*
Suspension bridge	J. Dawson	19956	31 Aug., 1905	77	6 Sept.
Sweeper. (See Street-sweeper, Tram-rail sweeper.) .. .. .	.. .. .	..	..	..	..
Swingletree	F. T. F. Evans	21487	18 July ..	74	23 Aug.*
Swingletree	L. Healy	19837	2 Aug., 1905	68	9 Aug.
Swingletree-coupling	C. K. Turner	21496	23 July ..	77	6 Sept.*
Swingletree, Trace-fastening for	W. Morton and J. Hercus	21285	9 June ..	74	23 Aug.
Switch, Automatic time-	T. Sampson	21398	4 July ..	68	9 Aug.*
Switches of tram and railway rails, Operating	L. Atkinson	20272	2 Nov., 1905	59	12 July.
Syringe	J. H. Adams	19947	30 Aug., 1905	77	6 Sept.
Table. (See Billiard-table, Dining-table, Extending table.) .. .. .	.. .. .	..	..	..	..
Tag and band for hemp, &c.	H. E. McDonald	21242	31 May ..	64	26 July.*
Tailoring appliance	E. Broughton	20976	6 April ..	81	20 Sept.
Tailor's iron, Stove for heating	G. Michalopoulos	21796	14 Sept. ..	..	..
Tank	B. E. Smith	21193	25 May ..	64	26 July.*
Tank and filter-bed	W. M. Ross	21641	16 Aug. ..	81	20 Sept.*
Tap	E. Lockerbie	21220	20 June ..	68	9 Aug.*
Tap, Ball	A. C. Hill	21499	20 July ..	77	6 Sept.*
Tap, Kerosene-	E. R. Godward	21181	19 May ..	64	26 July.*
Tap, Kerosene-	J. N. Caught	21562	2 Aug. ..	81	20 Sept.
Tape-measure	C. E. Flint and D. Barclay	21556	1 Aug. ..	84	4 Oct.
Tea and coffee pot	Earl of Dundonald	21470	16 July ..	74	23 Aug.
Teaching apparatus	H. T. Fox-Elmond and H. Buckland	21198	25 May ..	74	23 Aug.
Teat-cup	A. Smail, jun.	21809	18 Sept. ..	..	..
Teat-cup, Pneumatic	A. Ridd	20239	27 Oct., 1905	81	20 Sept.
Teat-cup, Pneumatic	A. Ridd	21317	15 June ..	64	26 July.*
Teeth, Artificial	J. Morris	21772	12 Sept. ..	..	..
Teeth-extractor	T. E. Bridger	21328	19 June ..	68	9 Aug.*
Telegraph, Sporting	J. G. Oates	20282	7 Nov., 1905	84	4 Oct.