

ALPHABETICAL LIST OF INVENTIONS—continued.

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Sleeper, Concrete	A. T. C. Firth	20550	6 Jan. ..	6	25 Jan.*
Sleeper, Concrete	A. T. C. Firth	20769	19 Feb. ..	26	5 April.
Sleeve-cuff protector	R. Dunne	20609	19 Jan. ..	15	22 Feb.*
Slimes, Treating	C. Gluyas	19375	20 April, 1905	2	11 Jan.
Slimes, Treating	W. T. Weekley	20784	28 Feb. ..	22	22 March.*
Sluice-box	R. Williams	20690	9 Feb. ..	26	5 April.*
Smoke-consumer and fuel-economiser ..	C. J. Johnson and J. Carlaw ..	19291	1 April, 1905	2	11 Jan.
Smoke-consumer and fuel-economiser ..	C. J. Johnson and J. Carlaw ..	19573	6 June, 1905	2	11 Jan.
Smoke-consuming furnace	C. H. and T. P. Von Mylius ..	20663	31 Jan. ..	22	22 March.
Sock	J. Glossop	20619	23 Jan. ..	15	22 Feb.*
Sole-pressing pad	United Shoe Machinery Company	20554	10 Jan. ..	6	25 Jan.*
Sole. (See Boot-sole.)					
Sound producer and recorder	W. Michaelis	18970	14 April, 1904†	26	5 April.
Sower. (See Seed-sower.)					
Spanner	H. E. McDonald	20559	10 Jan. ..	6	25 Jan.*
Spanner	H. E. McDonald	20866	16 March ..	26	5 April.*
Spark-arrester	G. Grimmer	20770	24 Feb. ..	22	2 March.*
Spinning-machine	W. A. Stetson	20930	23 March ..	..	..
Spouting-bracket	F. Wilkinson	18704	5 Nov., 1904	15	22 Feb.
Sprayer	J. Garside	20496	22 Dec., 1905	10	8 Feb.
Sprayer, Liquid-	G. Osborne	20600	17 Jan. ..	10	8 Feb.*
Spreader for draught-chains	J. Todd	20557	10 Jan. ..	15	22 Feb.*
Spreader for trace-chain	R. Stewart	20762	20 Feb. ..	19	8 March.*
Sprinkler, Recording breakage of fire-prevention	W. G. Meddings	20605	18 Jan. ..	15	22 Feb.*
Stamp-battery, Mortar for	W. A. Merralls	19421	4 May, 1905	19	8 March.
Stamps to envelopes, Affixing	H. Hadida, S. F. Cross, and P. W. Slingsby	20539	6 Jan. ..	10	8 Feb.*
Standard, Fencing-	A. T. W. Allan	19584	9 June, 1905	15	22 Feb.*
Staple, Withdrawing fencing-	J. E. Holland	20694	10 Feb. ..	15	22 Feb.*
Steam automobile	L. Serpollet	20717	14 Feb. ..	22	22 March.
Steam-boiler tubes, Fixing	F. Stubbs	20472	18 Dec., 1905	15	22 Feb.*
Steam-boilers, Arresting sparks from ..	G. Grimmer	20770	24 Feb. ..	22	22 March.*
Steam-engine regulator	D. Nield	20546	9 Jan. ..	6	25 Jan.*
Steam-motor	L. Serpollet	20528	4 Jan. ..	10	8 Feb.
Steam-turbine	E. V. Dixon	19466	11 May, 1905	26	5 April.
Steam-turbine	J. F. Brady	20640	25 Jan. ..	19	8 March.
Steamer and boiler	R. W. Fairbrother	19279	20 April, 1905	19	8 March.
Stereotypes, Casting curved	W. E. Hughes	20355	22 Nov., 1905	19	8 March.
Sterilised-air injector	G. Scott	20104	27 Sept., 1905	26	5 April.
Steriliser for medical purposes	J. R. Little	20596	14 Jan. ..	10	8 Feb.*
Sterilising meat	F. A. G. Cotterell	20829	8 March ..	..	..
Stone-breaker	N. Amrein	20794	1 March ..	22	22 March.*
Stove, Damper for	T. Walters	20907	24 March ..	..	..
Stove, Tailor's Gas-	F. J. Shelton	20740	17 Feb. ..	..	..
Stoves, Utilising waste heat of	T. Walters	20906	24 March ..	..	..
Strainer. (See Milk-strainer, Wire-strainer.)					
Stump-jump plough and cultivator ..	R. B. Smith	20666	31 Jan. ..	15	22 Feb.*
Sulphide-ore treatment	H. P. Keogh	20530	5 Jan. ..	6	25 Jan.*
Support. (See Curtain-pole support, Plant support.)					
Swingletree	A. H. Braithwaite	20714	14 Feb. ..	19	8 March.*
Table. (See Billiard-table, Extension-table, Time-table.)					
Talking-machine	W. Michaelis	18970	14 April, 1904†	26	5 April.
Tank, Draw-off pipe for	E. R. Godward	18984	24 Jan., 1905..	6	25 Jan.
Tap, High- or low-pressure	J. D. Jackson	20805	5 March ..	26	5 April.*
Tap, Water-	O. K. Carlson	20862	15 March ..	..	..
Tap, Water-	O. K. Carlson	20900	23 March ..	..	..
Target and shooting-range	A. Whitney	20578	11 Jan. ..	10	8 Feb.*
Teat-opener for cows, &c.	W. Walker	19260	28 March, 1905	6	25 Jan.
Telegraphy, Wireless	Marconi's Wireless Telegraph Company, Limited	20880	21 March ..	..	..
Telephonic-exchange system, Operating	A. T. M. Thomson	20725	15 Feb. ..	..	..
Tent	A. A. Holdsworth	20889	21 March ..	26	5 April.*
Thistle exterminator, Californian- ..	G. T. Booth	20668	31 Jan. ..	15	22 Feb.*
Threshing-machine, Removing cavings from	G. B. Cartwright and S. J. G. Douglas	20799	1 March ..	22	22 March.*
Threshing-mill "chaffey"	J. Hughes	20798	1 March ..	22	22 March.*
Threshing-machine, Wearing-strip of ..	A. F. Campbell	20804	5 March ..	26	5 April.*
Tile, Roofing-	N. Nielsen	20773	26 Feb. ..	..	..
Timber carrier and placer	W. Allen, jun.	20748	16 Feb. ..	19	8 March.
Timber, Unloading	J. M. Ferris, jun.	20926	30 March ..	..	..
Time-table and advertising-apparatus ..	F. J. Walton and L. V. Rogers ..	20517	3 Jan. ..	10	8 Feb.
Tin. (See Kerosene-tin, Baking-tin.)					
Tin-opener	A. Williams	20859	12 March ..	..	..
Tinsmiths' shaping-machine	T. Harkins	20518	3 Jan. ..	2	11 Jan.*
Tire, Motor-car, &c.	H. C. L. Rolfe	20752	21 Feb. ..	..	..
Tire-cover, Motor-carriage	T. S. Skeates	19580	7 June, 1905	22	22 March.
Tire, Pneumatic	E. B. Killen	20504	28 Dec., 1905	10	8 Feb.
Tire, Pneumatic	F. G. McKim	19979	5 Sept., 1905	22	22 March.
Tire, Pneumatic	G. Broderick	19493	18 May, 1905	22	22 March.
Tire-protector	J. W. Henderson	20547	9 Jan. ..	6	25 Jan.*