

ALPHABETICAL LIST OF INVENTIONS—continued.

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Saddle, Cycle-	T. G. Stevens	17604	2 Mar. .. .. .	..	..
Safety-grip block	A. V. H. Monro and H. G. W. L. Noy	16413	27 May, 1903	25	18 Mar.
Salability of goods, Means for increasing	A. J. Park	16261	17 April, 1903	25	18 Mar.
Sash. (See Window-sash.)					
Sash-balance	C. L. Stokes	16237	16 April, 1903	10	4 Feb.
Sash-fastener	J. Harris	17476	18 Jan.	10	4 Feb.
Sash hanger and lock	G. M. Scott	16582	29 June, 1903	10	4 Feb.
Sash hanger, Door and	R. L. Lockerbie	15922	27 Jan., 1903	6	21 Jan.
Sash-support	J. G. Lodge	16868	27 Aug., 1903	25	18 Mar.
Sawing, Setting off distance for	J. Johnston	17491	20 Jan.	15	18 Feb.
Scraper, Tram-line	J. W. Murdock	17724	29 Mar.	31	14 April.*
Screw propeller	E. V. Dixon	16278	28 April, 1903	15	18 Feb.
Seat. (See Gig-seat, Chair-seat.)					
Seeder	A. S. Patterson	17611	3 Mar.	31	14 April.
Seed sower	W. Lowe	16297	1 May, 1903	15	18 Feb.
Seed-sower	J. Gray	17630	8 Mar.	31	14 April.
Separator. (See Electro-magnetic separator.)					
Serviette-holder	A. H. Brownley and I. S. Fletcher	17457	12 Jan.	20	3 Mar.
Setting off distance for sawing	J. Johnston	17491	20 Jan.	15	18 Feb.*
Shaft-coupling pin	J. M. Bawden and E. H. Catterall	17490	20 Jan.	15	18 Feb.
Shale-oil, Treating	A. Adiassewich	17695	22 Mar. .. .. .	..	..
Sheep-feeding rack, Steerage gear for	F. Cooper	16470	9 June, 1903	20	3 Mar.
Sheep-shears	O. Börs	17644	10 Mar.	28	31 Mar.*
Sheepskins, Treating	A. J. H. Burt	17657	15 Mar.	28	31 Mar.*
Sheep, Travelling-race for	C. Rask and E. A. Cameron	17731	30 Mar. .. .. .	..	..
Ship, Means for controlling speed of	E. Smethurst	17606	1 Mar.	25	18 Mar.*
Ship-retarder	E. Smethurst	17468	13 Jan.	10	4 Feb.*
Shoeing lever. (See Horse-shoeing lever.)					
Shower-bath	R. S. Goodisson and A. J. McPharlin	17593	29 Feb.	25	18 Mar.*
Shower, Hot-water	F. S. Parker	17434	5 Jan.	6	21 Jan.*
Sifting-apparatus	A. G. Parry	17441	7 Jan.	6	21 Jan.*
Silencer, Engine-	B. Crawford	17527	13 Feb., 1903†	25	18 Mar.
Skeith-buckle	G. T. Booth and W. Brew	17665	16 Mar.	28	31 Mar.
Skin, Means of applying heat to	P. B. Hardy	17484	21 Jan.	10	4 Feb.
Skylight	F. C. Griffiths	16383	23 May, 1903	31	14 April.
Skylight	R. F. Smith	17679	18 Mar.	31	14 April.
Sleeper. (See Railway-sleeper.)					
Slime-filtering apparatus	G. S. Duncan	17158	29 Oct., 1903	15	18 Feb.
Slime-filtering apparatus	H. R. Cassel	17600	2 Mar.	25	18 Mar.*
Sluice-box clay-cutter	W. McCorkindale	17540	9 Feb.	15	18 Feb.*
Sluice-box raking-apparatus	G. Dennis, jun.	17519	6 Feb.	15	18 Feb.*
Smoke-consumer	H. E. Leighton	16117	21 Mar., 1903	15	18 Feb.
Smoke-conveyer	W. L. Gale	17455	12 Jan.	10	4 Feb.
Soap, Granulating and moulding	W. E. Hughes	17528	9 Feb. .. .. .	..	..
Socket, Chair- or table-leg	C. Coles	17566	25 Feb.	20	3 Mar.*
Sole laying, levelling, and pressing machine	United Shoe Machinery Company	17663	18 Mar.	28	31 Mar.*
Sower. (See Seed-sower.)					
Spark-arrester	J. Stenhouse	17666	16 Mar. .. .. .	..	..
Spark-arrester	H. S. Wainwright	17713	25 Sept., 1903†	..	..
Spark-arrester	H. S. Wainwright	17714	15 Oct., 1903†	..	..
Spearpump	A. J. McPharlin and R. S. Goodisson	17575	26 Feb.	25	18 Mar.*
Speed gear	T. W. Barber	17449	8 Jan.	10	4 Feb.
Spindle and coiler, Wire-weaving	D. McKenzie	16595	2 July, 1903	28	31 Mar.
Splitting leather	United Shoe Machinery Company	17661	16 Mar. .. .. .	..	..
Spoon, Moustache-guard for	G. G. Sutherland and A. G. Brett	17559	23 Feb.	20	3 Mar.*
Sprayer	J. W. Andrew	17705	25 Mar.	31	14 April.*
Stacking apparatus, Hay-	J. Gemmell	17607	27 Feb.	25	18 Mar.*
Stamping-machine	R. Wales	17620	} 4 Mar.	25	18 Mar.*
Stamping-machine	E. Moss	17727			
Standard. (See Fencing-standard.)					
Standard jack	E. Hayes	17671	18 Mar.	28	31 Mar.*
Stair-rod	E. L. Baggstrom	17692	22 Mar.	28	31 Mar.
Staple	A. R. Hardy	17730	30 Mar.	31	14 April.*
Staple. (See Fencing-staple.)					
Starting-gate	S. Austen	17615	4 Mar. .. .. .	..	..
Stave, Music-	W. E. Naunton and T. C. Palmer	17718	31 Mar.	31	14 April.*
Steam-engine	G. S. Morison	16232	16 April, 1903	20	3 Mar.
Steam-trap	W. Lee and C. T. Swanell	17659	12 Mar.	28	31 Mar.*
Steerage gear for sheep-feeding rack	F. Cooper	16470	9 June, 1903	20	3 Mar.
Stoker, Chain grate-	Babcock and Wilcox, Limited, and R. A. McLaren	16538	24 June, 1903	2	7 Jan.
Stone, Building-	N. Nielsen and G. Atkinson	17649	11 Mar.	28	31 Mar.*
Stove-polish	W. H. Bowick	17680	21 Mar.	28	31 Mar.*
Strainer. (See Wire-strainer, Fencing-strainer.)					
Straining-post	W. White	17502	29 Jan.	15	18 Feb.
Straw-stacking apparatus	J. Gemmell	17607	27 Feb.	25	18 Mar.
Street-sprinkling solution	C. V. Potter	16397	28 May, 1903	6	21 Jan.
Street-sweeper	J. L. Kirkbride	17556	23 Feb.	20	3 Mar.*