

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Saw-benches, Feed mechanism for ..	E. M. Edkins .. ..	19234	22 March ..	31	6 April.*
Saw-handle fastener .. ..	S. J. Miller .. ..	18991	25 Jan. ..	11	9 Feb.*
Sawing and planing machinery ..	G. S. Mayhew .. ..	19126	23 Feb. ..	28	23 March.
Saw, rule, and square .. ..	A. Greig .. ..	19227	21 March ..	31	6 April.*
Scraper for tram-rails .. ..	J. W. Murdock .. ..	18972	16 Jan. ..	..	..
School-bag .. ..	A. Castle .. ..	19209	13 March ..	..	..
Scavenger, Street- .. ..	G. B. B. Elliott .. ..	18880	21 Dec., 1904	11	9 Feb.*
Screen, Producing representations of living movements on .. ..	N. R. Gordon .. ..	19088	16 Feb. ..	28	23 March.*
Screw-cutting lathe indicator .. ..	A. G. Baker .. ..	19061	7 Feb. ..	17	23 Feb.*
Screw .. ..	J. Hindmarsh .. ..	19016	1 Feb. ..	17	23 Feb.
Screw. (See Rigging-screw.)					
Screw-wedge .. ..	J. Ross .. ..	18911	5 Jan. ..	6	26 Jan.*
Scenic and perforated stationary ..	M. Rose .. ..	19205	13 March ..	..	..
Seals, Applying, to bottles .. ..	Champion Seal Company .. ..	18959	13 Jan. ..	11	9 Feb.
Seed and grain cleaner .. ..	W. Andrews and A. W. Beaven .. ..	19229	21 March ..	31	6 April.*
Seed-dresser .. ..	W. Hall .. ..	19266	30 March ..	..	..
Seed-sower .. ..	D. McKinnon .. ..	19163	3 March ..	..	..
Seed-sower .. ..	J. Gray .. ..	19167	6 March ..	28	23 March.*
Separation of liquids from solids ..	The Cyanide Vacuum Filter Company, Limited .. ..	19217	18 March ..	..	..
Separator. (See also Centrifugal separator, Magnetic separator, Material separator.)					
Sewage, Distributing, over filter-beds ..	J. P. Frengley .. ..	17782	14 Apr., 1904	11	9 Feb.
Sewage-ventilator, Flap valve for ..	J. T. N. Anderson .. ..	19102	17 Feb. ..	22	9 March.*
Sewing-machine, Presser-foot mechanism for .. ..	United Shoe Machinery Company .. ..	19273	30 March ..	31	6 April.*
Shackle .. ..	F. T. Page .. ..	18021	10 June, 1904	28	23 March.
Shaft-bearings .. ..	J. P. Campbell .. ..	18948	12 Jan. ..	11	9 Feb.
Shedder, Mineral .. ..	G. B. B. Elliott .. ..	18952	12 Jan. ..	17	23 Feb.*
Shifting-spanner and pipe-wrench ..	R. M. Carroll .. ..	18989	25 Jan. ..	11	9 Feb.*
Shingles. (See Ruberoid shingles.)					
Shipping animals, Box for .. ..	G. T. Macfarlane .. ..	19047	6 Feb. ..	17	23 Feb.*
Ship's hull construction .. ..	H. E. Ross .. ..	19219	16 March ..	..	..
Shirt .. ..	D. Nable .. ..	19178	7 March ..	..	..
Shoulder-strap for ladies .. ..	E. Rendell .. ..	18981	19 Jan. ..	11	9 Feb.*
Sight for gun .. ..	F. D. Hopkins .. ..	19132	24 Feb. ..	28	23 March
Signal. (See Danger-signal, Railway-signal.)					
Sign for advertising .. ..	H. Reid .. ..	19262	28 March ..	..	..
Siphon .. ..	J. M. Dawson .. ..	19199	14 March ..	..	6 April.*
Skeith-buckle .. ..	G. T. Booth and W. Brew .. ..	17665	15 Mar., 1904	3	12 Jan.
Skim-coulter .. ..	T. McDonald .. ..	17936	18 May, 1904	31	6 April.
Skins, Removing wool from .. ..	G. Urquhart, M. Evans, G. Clements, and C. Sloper .. ..	18965	14 Jan. ..	31	6 April.
Skiving-machine .. ..	United Shoe Machinery Company .. ..	17840	27 Apr., 1904	17	23 Feb.
Skiving-machine .. ..	United Shoe Machinery Company .. ..	17923	19 May, 1904	22	9 March.
Slab for building .. ..	C. S. Hawkeswood .. ..	19065	10 Feb. ..	..	..
Sleeper and mould .. ..	C. Davy .. ..	19166	4 March ..	28	23 March.*
Smoke-consumer and fuel-economizer ..	J. Davies .. ..	18942	9 Jan. ..	6	26 Jan.*
Sole laying and levelling machine ..	United Shoe Machinery Company .. ..	17835	27 April, 1904	11	9 Feb.
Sole laying and levelling machine ..	United Shoe Machinery Company .. ..	17663	18 Mar., 1904	11	9 Feb.
Sole laying and levelling machine ..	United Shoe Machinery Company .. ..	17839	27 April, 1904	11	9 Feb.
Sound producing and recording apparatus .. ..	W. Michaelis .. ..	18970	14 Jan. ..	11	9 Feb.*
Sower. (See Manure-sower, Seed-sower.)					
Splitting machine, Leather- .. ..	United Shoe Machinery Company .. ..	17661	16 Mar., 1904	3	12 Jan.
Spreader for dray-chains .. ..	F. V. Raymond .. ..	18983	19 Jan. ..	11	9 Feb.*
Spreader, Securing, to leading-chain ..	T. Paterson .. ..	19129	21 Feb. ..	22	9 March.
Spring hand-truck .. ..	T. Kendrick .. ..	17821	21 April, 1904	17	23 Feb.
Square, rule, and saw .. ..	A. Greig .. ..	19227	21 March ..	31	6 April.*
Stain-removing preparation .. ..	H. J. Baker and R. Onyon .. ..	19197	13 March ..	31	6 April.*
Stains, Removing, from enamelled iron-ware .. ..	E. A. Preston .. ..	19104	17 Feb. ..	28	23 March.
Stamping-machine .. ..	United Shoe Machinery Company .. ..	17841	27 April, 1904	17	23 Feb.
Standard jack .. ..	E. Hayes .. ..	19228	20 March ..	..	..
Standard. (See Fencing-standard.)					
Stand. (See Laundry iron-stand.)					
Stationery, Scenic .. ..	M. Rose .. ..	19205	13 March ..	..	..
Stave for music .. ..	W. E. Naunton and T. C. Palmer .. ..	17718	31 Mar., 1904	28	23 March.
Stay for links of dredge-buckets ..	J. McNeil .. ..	19168	6 March ..	31	6 April.
Steam-boiler, Heat-generator for .. ..	A. Smallwood .. ..	19019	2 Feb. ..	17	23 Feb.
Steam-engine reversing-gear .. ..	B. H. Brown .. ..	19070	14 Feb. ..	22	9 March.
Stencil plate and holder .. ..	W. C. Macklow .. ..	19066	13 Feb. ..	22	9 March.
Sterilised air, Injecting, into cow's udder ..	W. K. Wallace and J. W. Deem .. ..	19139	25 Feb. ..	..	..
Steriliser and milking-machine .. ..	J. and J. P. McGinness .. ..	19173	7 March ..	31	6 April.
Stone, artificial, Manufacture of .. ..	G. Wilkinson .. ..	19195	13 March ..	31	6 April.
Stoker, Mechanical .. ..	J. Kudlicz, A. C. F. von André, and H. R. O. Freiderici .. ..	19103	17 Feb. ..	22	9 March.
Stooking-attachment to reaper-and-binder ..	H. Buckeridge .. ..	19076	13 Feb. ..	22	9 March.*
Stopper. (See Bottle-stopper.)					
Strainer. (See Rain-water strainer, Wire-strainer.)					