

ALPHABETICAL LIST OF TITLES OF INVENTIONS—*continued*.

Invention, and Name of Inventor.	No.	Date.
Shearing-tool. J. K. Stewart	13403	14 Feb.
Shears. (See Sheep-shears, Pruning-shears.)		
Sheep-dip. I. S. and I. McDougall	13378	7 Feb.
Sheep-dip. J. J. C. Roxburgh	14248	21 Nov.
Sheep-shearing. (See Shearing.)		
Sheep-shearing machine. W. H. Wilson and J. S. Awdry	13403	20 March.
Sheep-shears. S. F. Clare	14345	14 Dec.
Sheep-shears. J. Woodford and R. W. Graham	14211	11 Nov.
Sheep-shears, Operating machine. J. C. Barnes	13704	10 June.
Sheet-feeder for printing-machine. E. Waters, jun.	14129	17 Oct.
Ship and propeller. R. M. Scott	14156	24 Oct.
Ship-scrubbing machine for cleaning hulls. E. J. Paton and W. A. A. Woods	13564	27 May.
Ships, boats, &c., Preserving bottoms of. T. C. Bayldon	13553	24 April.
Ship's hull, Machine for cleaning. E. J. Paton and W. A. A. Woods	13564	27 May.
Shirt-cuff protector. W. C. Greig	13358	30 Jan.
Shirts, &c., Attaching cuffs to. G. Fannin	13930	26 Aug.
Shoe and die for quartz-crusher stamp. A. E. Wells	13863	30 July.
Shoe. (See Boot and shoe, Electric-brake shoe, Horse-shoe.)		
Shoe-sewing machine. Loop-lock Machine Company	13334	28 Jan.
Shoe-sewing machine. United Shoe Machinery Company	14135	18 Oct.
Shoe-sewing machine. United Shoe Machinery Company	14157	24 Oct.
Shoe tree. H. W. Acton-Adams	13295	5 Jan.
Shoot. (See Dredge-shoot.)		
Shoots, Ripples for preventing fouling of. R. G. Foster	13520	3 April.
Shot-making machine. J. L. Curlino	13420	20 Feb.
Shrinker. (See Cloth-shrinker.)		
Shrinker, Cloth-. C. B. Snow	13844	25 July.
Shutter. (See Window-shutter.)		
Shutter for lift-openings, Fireproof. C. Hill	13988	10 Sept.
Sifter. (See <i>Débris</i> -sifter.)		
Sifting or sizing ores. F. J. Odling and W. Jamieson	14221	14 Nov.]
Signal apparatus. The Hall Signal Company	14062	27 Sept.
Signal-lamp. (See Hand signal-lamp.)		
Signal-operating apparatus. The Hall Signal Company	13786	5 July.
Signalling. (See Railway and railway-train signalling.)		
Sinking-apparatus for logs, &c. E. G. Sjöstrand	14323	12 Dec.
Siphon. C. H. Gilby	13815	15 July.
Siphon. C. H. Gilby and J. A. Harrow	13959	31 Aug.
Siphon. D. McKay	14078	1 Oct.
Skate. (See Road-skate.)		
Skein-holder for winding wool, &c. A. M. D. Ewers	14088	4 Oct.
Skeins of wool, &c., Unwinding. W. Fraser	14012	16 Sept.
Skeith. (See Plough.)		
Skirt and belt holder. F. E. Benda	13533	11 April.
Skylight. J. Christie	13812	9 July.
Skylight. T. Ballinger	14312	6 Dec.
Slate-pencil-sharpener attachment to slate. H. L. Cottrell and G. A. Birch	13878	1 Aug.
Slicer. (See Root-slicer, Turnip-slicer.)		
Slide. (See Camera-slide.)		
Slimes, Extracting gold from. W. S. Hazleton	13468	13 March.
Slimes, Extracting solutions from. T. T. Draper	13472	13 March.
Slimes, &c., Extracting copper from. W. Payne	13948	29 Aug.
Slimes, Treating, for the extraction of metals. J. Breedon	13788	5 July.
Sluice-box for saving gold. A. McDonald	13905	13 Aug.
Sluice. (See Cradle sluice.)		
Sluicing. (See Gold-sluicing.)		
Small-arm. (See Firearm.)		
Small-arms. J. Gaut	13401	13 Feb.
Solar generator. Solar Motor Company	13486	22 March.
Soldering cans. American Key Can Company	14217	13 Nov.
Sole. (See Boot-sole, Half-sole.)		
Solutions, Extracting, from slimes. T. T. Draper	13472	13 March.
Solvent for metals. S. Trivick	13313	15 Jan.
Sounding-apparatus, Sinking-apparatus for. E. G. Sjöstrand	14323	12 Dec.
Sower. (See Seed and manure sower.)		
Sower, Discharge for. P. and D. Duncan (Limited)	14296	26 Nov.
Sowing, manuring, and harrowing attachment to plough. F. Gale and J. Hemphill	14143	22 Oct.
Spark-arrester. D. Drummond	14247	21 Nov.
Spark-arrester. D. W. Mackay and A. Hutton	13356	30 Jan.
Spark-arrester. E. A. Cameron	13921	19 Aug.
Spark-arrester. H. W. Channing	13596	9 May.
Spark-arrester. J. Downs	13469	11 March.
Spark-arrester. N. Watt	13324	16 Jan.
Spark-arrester. S. C. and D. W. Harwood	14385	30 Dec.
Spark-arrester. T. Rawlinson	13875	1 Aug.
Spark-catcher. T. M. Stephens	13615	16 May.
Spike. (See Railway spike.)		
Spile. (See Cask-spile.)		
Spinal support. C. G. Watson and W. K. Elder	14268	20 Nov.
Spindles, &c., Securing. J. Trapski and S. Clarke	13937	27 Aug.
Spittoon. J. C. Blair and R. Wedekind	13339	28 Jan.
Spitzkastens, Discharge for. J. R. Thurlow	14080	30 Sept.
Splitter. (See Stone cutter and splitter.)		
Spoon. G. Hyde	13629	21 May.
Spouting-bracket. J. Troup	13353	28 Jan.