

ALPHABETICAL LIST OF TITLES OF INVENTIONS—*continued.*

Invention, and Name of Inventor.	No.	Date.
Silt-punt. J. S. Maxwell	11844	27 July.
Silver ores, Treating. J. Smith	12163	10 Nov.
Sinking bore-holes. W. Griffiths	12247	4 Dec.
Sinking, Preventing vessels. A. Milne	12265	28 Dec.
Sketching, Subdivider for use in. C. O. Rosenberg	12017	27 Sept.
Skins and hides, Curing. J. W. C. Hamilton and J. A. Linley	11280	4 Jan.
Skins and hides for tanning, Dehairing. A. J. Cumming	11916	21 Aug.
Skins and hides, Tanning. G. D. Burton	11942	26 Jan.
Skins, furs, &c., Liming. J. and E. E. Pullman and E. E. M. Payne	11378	16 Feb.
Skins, Removing wool, &c., from. S. L. and E. Johnson and A. H. Gibbings	11962	5 Sept.
Skins, Unhairing hides and. G. D. Burton	11341	26 Jan.
Slasher. W. E. Chamberlain	12019	28 Sept.
Slaughtering cattle, Instrument for. J. D. Walsh	12171	14 Nov.
Sleeve-link. A. Baker	11914	22 Aug.
Slime separator, Pyritic. A. Maltman	11873	4 Aug.
Slimes, Stirring or agitating. L. Horne	12052	5 Oct.
Slipper. H. Corrick	12007	22 Sept.
Slipper. (See Boot, Golosh, Sandal.)		
Slugging-machine, Jack for. McKay Shoe Machinery Company	12162	10 Nov.
Smelting ores. F. Ballou	12188	23 Nov.
Smoke-consumer. J. Davidson	11318	13 Jan.
Smoke-consumer. J. Downs	11292	5 Jan.
Smoke-preventer and fuel-economiser. C. H. Gould	12263	28 Dec.
Snip for cutting sheet-metal. G. W. Ferguson	12213	1 Dec.
Snow and ice from cooling-pipes, Clearing. A. H. Chapman	12035	27 Sept.
Soap-cake, Advertising. J. J. Roth	12177	15 Nov.
Sole, Boot-. J. E. Friend	11936	30 Aug.
Soles, Wash for boot-. C. Lafferty	11603	10 May.
Solids from liquids, Separation of. W. Cutten	12036	29 Sept.
Solutions of sweet carbamides in oils. A. Sommer	12155	8 Nov.
Sower and cultivator, Ridger, manure- and seed-. A. Storrie	11411	28 Feb.
Sower, Feed-run for. D. Moore	11687	2 June.
Sower, Manure-discharge for drill or. P. and D. Duncan (Limited)	11875	9 Aug.
Sower. (See Manure-sower, Seed-sower.)		
Spark-arrester and extinguisher. J. King	12306	28 Nov.
Spark-arrester and fuel-economiser. E. A. Cameron	11489	24 March.
Speech, Storing. V. Poulsen	12252	21 Dec.
Specific for diarrhoea, dysentery, &c. R. Brown	11633	18 May.
Specific for fluke-worms in sheep. R. Evens	11549	22 April.
Speed-varying device and electric motor. R. H. Hassler	11617	12 May.
Spindle, Door-lock. J. W. McDougall	11913	16 Aug.
Spigot. G. E. Anson and J. B. Gould	12015	25 Sept.
Spirit-lamp. W. E. Hughes	11834	27 July.
Spittoon. J. Torrens	12061	3 Oct.
Sports meetings, Recorder for. E. Burton and R. B. Echlin	12254	21 Dec.
Sports, Result indicator for. D. C. Carr	11999	20 Sept.
Sports-meetings, Scratching-board for. E. Burton and R. B. Echlin	12253	21 Dec.
Spouting and roof for building. G. W. Darvall	11943	1 Sept.
Spouting-die. H. G. Bedell and J. Welsby	11662	30 May.
Spur-fastener. A. B. Jackson	12259	12 Dec.
Spring, Rabbit-trap. W. Barr	11759	29 June.
Spring, Cycle. E. Harnett	12127	28 Oct.
Stacks, Coverings for grain. G. L. Thomson	11510	5 April.
Stamper-battery. R. Cockerell	12003	16 Sept.
Stamping and marking butter-boxes. O. Wakelin	11654	25 May.
Stamp-mill. The New Steam Stamp-mill Syndicate	11415	3 March.
Standard. (See Fencing-standard.)		
Staple-drawing appliance. W. Jones	11686	7 June.
Staples, nails, &c., Tool for drawing. W. Grayson	12196	21 Nov.
Starting-machine barriers, Connecting. P. A. Vaile	11641	20 May.
Starting-machine, Race. W. M. Turner	11319	18 Jan.
Starting mechanism, Electric motor. T. S. Perkins	11691	8 June.
Stave-cutter, Cask. A. Sinclair	11997	19 Sept.
Steam-boiler. R. P. Gibbons	12032	27 Sept.
Steam-boiler, Stoker for. J. Miller	12131	27 Oct.
Steam cooking, heating, drying, &c., apparatus. E. W. Parish	12087	14 Oct.
Steam-engine. C. C. Worthington	11664	1 June.
Steam-engine. G. Stevenson	11672	5 June.
Steam-engine, Heat cycle for. L. C. Auldjo	11835	27 July.
Steam generator. E. W. Parish	12087	14 Oct.
Steam motor. J. Speight	11784	12 July.
Steamship. J. T. Johns and D. R. S. Galbraith	12170	10 Nov.
Steamships, Propelling. L. Horne	12130	31 Oct.
Steeping grain. H. House, A. Loughrey, J. A. Holmes, and R. Tomline	11788	13 July.
Steering-apparatus. G. Hansen	11923	21 Aug.
Steering-gear, Traction-engine. H. A. Flatman	12031	28 Sept.
Step-ladder and shelf combined. C. E. Page	11429	6 March.
Steps, Facing for. A. L. P. Chasles	12190	23 Nov.
Stereo or Electroplate. D. Reid	11545	18 April.
Steriliser for liquids by ozone. H. Tindal	12072	9 Oct.
Sterilising milk. N. Bendixen	11488	28 March.
Stirrer for slimes in ore-treatment. L. Horne	12052	5 Oct.
Stoker for steam-boilers. J. Miller	12131	27 Oct.
Stone, Artificial. A. H., H., and G. van der Vijgh	11677	6 June.
Stonebreaker's hammer. G. Girling	11702	9 June.
Stone, Ceramic. L. A. Garchey	11282	4 Jan.
Storing speech. V. Poulsen	12255	21 Dec.