

ALPHABETICAL LIST OF TITLES OF INVENTIONS—*continued.*

Invention, and Name of Inventor	No.	Date.
Root cutter or slicer. J. Dunn	18043	7 Oct.
Rope. (See Hauling-rope.)		
Rope-clip. G. G. McAlpine	13149	8 Nov.
Rope coupling or grip. W. G. Mouat and R. Wales	13215	4 Dec.
Rotary disc ridger. J. Macalister	12299	6 Jan.
Rotary engine. H. A. Buck	12468	19 March.
Rotary engine. T. B. Dineen	12618	11 May.
Rotary engine. N. R. Gordon	12716	22 June.
Rotary engine. C. H. Taylor	12371	8 Feb.
Rotary engine. W. O. Taylor	12948	4 Sept.
Rotary engine. E. Waters, jun.	12478	21 March.
Rubber-like substance, Manufacturing. W. E. Hughes	12348	31 Jan.
Rug. G. Schütze	12945	3 Sept.
Ruling-machine. W. G. Tilley	13109	25 Oct.
Rust, Prevention of. T. Hood and F. Treweek	12363	3 Feb.
Saddle. J. J. Harris and E. Toft	12279	4 Jan.
Saddle. A. G. Thompson	13081	16 Oct.
Saddle. P. Woods	12637	23 May.
Saddle, Convertible. P. Woods	12981	13 Sept.
Saddle-cover. C. B. M. Branson	12676	12 June.
Saddle-pad. A. R. Donisthorpe	13259	20 Dec.
Salt, Method of keeping, in a powdered state. T. Vivian	12403	20 Feb.
Salt-sprinkler. J. Anderson	13214	1 Dec.
Sand-extraction. (See Magnetic sand.)		
Sand, Separating gold from. W. E. Spencer	13237	8 Dec.
Sand, Separating gold from black. G. J. A. Richardson	12572	30 April.
Sand-soap powder. H. A. Pyke	12853	8 Aug.
Sanitary receptacle. F. and G. N. Lucas	12937	13 Sept.
Sash. (See Window-sash.)		
Sash-and-frame combination. H. Mayr	13084	20 Oct.
Sash-fastener. J. L. Kirkbride	12693	19 June.
Sash-fastener. J. D. Tripe	12764	2 July.
Sash-fastener. (See also Window-fastener.)		
Sashes, Hanging. W. Fairhead	12458	14 March.
Saucer. G. F. Townshend	12530	9 April.
Saving gold. (See Gold.)		
Saw-and-bench combination. C. Y. Dally	12850	27 Aug.
Sawing-machine. D. W. Mackay	12518	10 April.
Sawing. (See also Stone-sawing.)		
Scalper, grader, and dresser. G. T. Smith and W. Gardner	12493	30 March.
Scoop. W. Horman	12319	15 Jan.
Scoop. (See also Cesspit-scoop, Dredge-scoop, Earth-scoop, Stack-scoop.)		
Scraping flax. (See Flax.)		
Screen. (See Dredge-screen, Gold-dredging screen, and Gold-saving screen.)		
Screw, Preventing "racing" of steamer's. J. Hutchinson	12570	26 April.
Screw-threaded wire, Machine for forming. United Shoe Machinery Company	12947	4 Sept.
Scutcher. (See Flax-scutcher.)		
Scutching-bar. J. East	12662	31 May.
Sea, Distributing oil at. F. M. Norris	13279	28 Dec.
Sea, Obtaining power from. C. and J. Parmenter	13155	12 Nov.
Sealing-buckle for mail-bag. A. F. Thompson	13073	17 Oct.
Sealing perishable substances. F. W. Quaife	12980	13 Sept.
Seat. J. J. Harris and E. Toft	12279	4 Jan.
Seat-adjuster for trap. H. R. Sloan	13135	5 Nov.
Seat adjuster, Vehicle. E. R. Atkin	12682	11 June.
Seed- and manure-sower. W. A. Land	12822	28 July.
Seed-cleaner. R. A. Wilson	12332	23 Jan.
Seed dresser, Grass. W. T. and W. J. Nuttall and H. P. Meyer	12797	19 July.
Seed-feeder. C. Bristow	12309	16 Jan.
Seed-sower. C. Bristow	12703	18 June.
Seed-sower. W. E. Chamberlain	13129	2 Nov.
Seed-sower, Drill-attachment to. H. J. Alley	12386	13 Feb.
Semaphore. E. Waters, jun.	13182	23 Nov.
Semaphore. H. R. Walker	12862	11 Aug.
Separating gold from sand. W. E. Spencer	13237	8 Dec.
Separating gold from black sand. G. J. A. Richardson	12572	30 April.
Separating ores. T. R. Jordan	13193	28 Nov.
Separating paramagnetic materials. E. Gates	13277	28 Dec.
Separating pulverised substances. E. Gates	12897	22 Aug.
Separating pulverised substances. E. Gates	12898	22 Aug.
Separating pulverised substances. E. Gates	12899	22 Aug.
Separator. (See Centrifugal separator, Electro-magnetic separator, Gold-separator, Silt-separator.)		
Serviette-fastener. A. H. Brownley	12481	6 April.
Sewage-discharge valve. W. Parker	12626	18 May.
Sewage-treating apparatus. W. Parker	12624	18 May.
Sewage-treating apparatus. W. Parker	12625	18 May.
Sewing-machine. (See Boot- and shoe-sewing machine.)		
Shade adjuster, Window. H. House	12312	15 Jan.
Shade. (See also Candle-shade.)		
Shaft for dredge-tumbler. P. Ellis	12851	8 Aug.
Shaft-tug. J. Henderson	13272	27 Dec.
Shafts or cylinders, Sinking prospecting. A. and R. M. Aitken	13040	1 Oct.
Sharpener, Sheep-shears. A. D. Graham	12466	16 March.
Shawer. (See Turnip-shawer.)		
Shearing-machine. W. H. Eyres	13198	28 Nov.
Shears. (See Sheep-shears, Sheet-metal shears.)		