

ALPHABETICAL LIST OF TITLES OF INVENTIONS—*continued.*

Invention, and Name of Inventor	No	Date.
Roofing nail and screw. F. Giles	15247	14 Aug.
Roofing, Ridges for. P. Patten	14714	5 April.
Roofing, Structural arrangement applicable to. E. L. Pease	15740	10 Dec.
Root-grubbing machine. S. H. Manners	15759	15 Dec.
Rope-grip. J. F. Smith	14477	25 Jan.
Rope-making, Extracting gum from fibres for. V. S. Aston	14718	4 April.
Rope-tightener. S. W. Bradbury	14431	14 Jan.
Rope-tightener. A. S. Pike	15747	11 Dec.
Rotary engine. J. L. McMillan	14935	29 May.
Rotary engine. W. Buckingham	15044	27 June.
Rotary engine. St. C. N. H. Macdonald	15132	18 July.
Rotary engine. P. Ellis	15274	20 Aug.
Rotary engine. J. L. McMillan	15610	6 Nov.
Rotary fluid-engine. Cooley Development Company	15784	18 Dec.
Rotary motor. E. Moss	14552	20 Feb.
Rotary steam-engine. E. L. Wickins	15625	13 Nov.
Rotation of shafting, Reversing. W. A. Gamman	15684	26 Nov.
"Roulette" billiards. E. Hasselbach	15736	6 Dec.
Rowing-machine for exercise, &c. L. W. Grayson and C. S. Cunningham	15439	20 Sept.
Rowlock and grip-bracket. D. Urquhart	15457	1 Oct.
Rubber composite, Leather and. C. D. Lightband and F. A. Webster	15721	3 Dec.
Rubber heel, Attaching, to boot. W. H. Bowick	15137	18 July.
Rubber pad for horseshoe. W. Waters	15440	20 Sept.
Rug for cows, &c. J. Burge	15624	13 Nov.
Rug, Securing horse-. J. Ellis	15811	24 Dec.
Rule, file, and wire-twister. A. Gray	15266	15 Aug.
Ruler. F. Pegler	14926	27 May.
Ruler. (See Parallel ruler.)		
Ruler and blotting-pad. C. N. Hodder and J. Rogers	15128	14 July.
Sack-mouth fastener. W. Beamish	15508	11 Oct.
Sack-mouth fastener. W. Beamish	15669	19 Nov.
Saddle. H. W. Downing	15556	27 Oct.
Saddle-cloth, ambulance stretcher, or camp-bed. F. R. Young	14570	3 March.
Saddle tool-bag. A. Gray	15266	15 Aug.
Saddlery-keeper. W. E. Searle	14777	19 April.
Sandal. S. and H. R. Smith	15178	25 July.
Sash. (See Window-sash.)		
Sash adjuster, Window-. J. H. Pledger	15081	30 June.
Sash-fastener. Fresh Air and Safety Sash-fastener Company (Limited)	14493	4 Feb.
Sash-fastener. A. F. W. Lorie	14529	12 Feb.
Sash-fastener. A. F. W. Lorie	14554	20 Feb.
Sash-fastener. A. F. W. Lorie	15050	24 June.
Sash-fastener. R. F. Smith	15027	19 June.
Sash-fastener. A. F. W. Lorie	15145	19 July.
Sash-fastener. G. Simpson	15337	30 Aug.
Sash-fastener. J. G. Reilly	15441	25 Sept.
Sash, Safety. H. Mayr	15591	30 Oct.
Sash, Securing cord to. J. Armstrong	15449	26 Sept.
Saucepan-lid. S. S. Stretton	15666	21 Nov.
Saving. (See Life-saving appliance, Gold-saving.)		
Saw-set. C. O. Andersson	15115	14 July.
Saw stripper and regulator. J. H. Grattan	14630	13 March.
Saw stripper and regulator. J. H. Grattan	14873	8 May.
Sawing logs, Machine for. J. Greenacre	14514	11 Feb.
Sawing-machine, Vertical. J. Robson	15655	19 Nov.
Scarifier. J. Traves	15379	8 Sept.
School-bag, Shoulder-strap for. G. Goosman	15196	28 July.
Schoolrooms, &c., Heating. M. Arragon	15436	24 Sept.
Scoop and dray combined. D. L. Cochrane	14578	6 March.
Scoop, Dray-. D. L. Cochrane	15676	19 Nov.
Scoop, Dray-. D. L. Cochrane	15712	3 Dec.
Score and date indicator. G. F. Dale	15009	16 June.
Score-indicator for table-tennis, &c. A. K. Smith	15393	10 Sept.
Score indicator, Target-. J. McKay	15354	4 Sept.
Score, Recording billiard-. R. Williams	15237	8 Aug.
Scoring-apparatus for tennis, &c. G. F. Dale	14945	31 May.
Scouring. (See Wood-scouring.)		
Screen. (See Dredge-screen, Gold-saving screen, Gold-screen.)		
Screw. G. C. Smith	15201	30 July.
Screw. C. F. Dunn	15774	17 Dec.
Screw. (See Roofing-screw.)		
Screw-cutting attachment to lathe. F. Simpson	15187	29 July.
Screw-propelled vessel, Propeller-hood for. M. W. Lane	15560	28 Oct.
Screw-propeller. E. Conroy	15444	25 Sept.
Scrubber. T. M. Higgle	15454	25 Oct.
Scrubbing. (See Floor washing and scrubbing.)		
Scutching-machine, Feeding flax-fibre to. W. B. Arlidge	14923	26 May.
Scutching machine, Flax-. A. E. Reeves	15710	29 Nov.
Scuttle. (See Coal-scuttle.)		
Sea, Utilising power of waves of. C. P. De Lajard	15654	19 Nov.
Seal-cover, Liquid. H. J. Jones	14749	17 April.
Seal-lock for mail-bag. A. A. S. Smith	15162	24 July.
Seal-lock for mail-bag. J. Channon	15678	25 Nov.
Sealed can. American Tobacco Company	15246	14 Aug.
Sealing tins. Valves (Limited)	14682	26 March.
Seams of can-bodies, Soldering. G. W. Berry	14933	29 May.
Searing lambs. E. H. Wilhelm	15117	14 July.