

ALPHABETICAL LIST OF TITLES OF INVENTIONS—*continued.*

Invention, and Name of Inventor.	No.	Date.
Record strips for type-forming machines. Lanston Monotype Machine Company ..	11816	20 July.
Record strips for type-forming machines. Lanston Monotype Machine Company ..	12124	27 Oct.
Reflector lights for pianos, &c. J. Campbell and L. R. Davis ..	12081	13 Oct.
Refrigerating apparatus. H. Lyon and J. B. Talbot-Crosbie ..	11800	17 July.
Refrigerating or liquefying aeriform fluids or gases. The General Liquid Air and Refrigerating Company ..	11424	7 March.
Refrigerator. D. McGill and F. W. Tannett-Walker ..	11392	23 Feb.
Refrigerator. J. J. Drage and E. T. Bridgland ..	11609	11 May.
Refrigerator. P. Pfeleiderer ..	11905	18 Aug.
Registering and issuing checks at pay-windows. E. March ..	11379	16 Feb.
Registering and recording fares. G. H. Green ..	12189	23 Nov.
Registering cash receipts, Till and means for. W. Evans ..	12022	28 Sept.
Regulating heat to ovens. E. Smethurst ..	12223	4 Dec.
Regulating electro-motive force. C. F. Scott and B. G. Lamme ..	11468	21 March.
Regulating marine engines. A. M. Rust ..	12067	6 Oct.
Rein-holder. C. E. Wildbore ..	11336	4 Feb.
Rein-holder. H. Roberts ..	12197	21 Nov.
Rein-holder. W. T. Trudgeon ..	12096	16 Oct.
Reins, Connecting straps of. P. A. Vaile ..	11641	20 May.
Repairing compound for rubber tire. J. Ostberg ..	11954	4 Sept.
Resistance, Electrical. A. Vogt ..	11648	25 May.
Resistance, Electrical. J. F. Bachmann, A. Vogt, C. C. Weiner, A. König, J. Kirchner, and A. Jörg ..	11743	*24 Aug. '98.
Retort. J. Bryson, J. Jones, and W. Fraser ..	11366	10 Feb.
Retort, Preserving. J. E. Newton ..	11601	8 May.
Riddle or screen for sampling peas. F. W. Adams ..	11749	27 June.
Riddle or screen for thresher. F. W. Adams ..	12243	18 Dec.
Ridger, manure and seed sower, and cultivator. A. Storrie ..	11411	28 Feb.
Rifle. E. Richardson, jun. ..	11828	25 July.
Rifle breech-block cleaner. A. C. Whitney and R. B. Morrow ..	12076	10 Oct.
Rim and tire, Wheel-. W. F. Williams ..	11537	15 April.
River-bed mining apparatus. H. A. Saltmarshe ..	11498	30 March.
River-beds, Obtaining auriferous material from. A. F. Ridland ..	11714	14 June.
River-beds, Obtaining auriferous material from. I. L. Lewis ..	11722	7 June.
River-beds, Obtaining gold from. J. Werner ..	11977	12 Sept.
River-beds, Removing sand from. D. A. McLeod ..	11859	2 Aug.
Rivers, Raising water from. I. L. Lewis ..	11721	29 May.
Rivet. D. McDonald ..	11726	14 June.
Road-cleaning machinery. H. J. Ranger ..	11661	29 May.
Rock-drill. F. H. Dannhardt and M. Mailer ..	11685	6 June.
Rock-drill. A. P. Schmucker, L. D. Sweet, and G. E. Ross-Lewin ..	12122	27 Oct.
Rock-drill. R. Avery and H. C. Campbell ..	12161	10 Nov.
Rock-drilling engine. J. G. Leyner ..	11773	6 July.
Rock-drill sharpening machine. W. E. Kimber ..	11433	9 March.
Rocking-lever. R. Cockerell ..	11803	14 July.
Roller-bearings. Wright's Taper-Roller Bearings Syndicate (Limited) ..	12025	28 Sept.
Rolls, Crushing or grinding. T. A. Edison ..	12023	28 Sept.
Roof. E. L. Pease ..	11692	8 June.
Roof and spouting for building. G. W. Darvall ..	11943	1 Sept.
Roofing-felt, Sarking for carrying. H. Dalton ..	11866	7 Aug.
Roofing-tile. J. Gore ..	11570	21 April.
Roofing-nail. F. Gold ..	12259	22 Dec.
Rooms, Heating. T. White ..	11420	2 March.
Ropes, Whipping. F. H. Carrick ..	11884	14 Aug.
Rotary engine. E. Seymour ..	11571	28 April.
Rotary engine. E. L. Clark ..	11786	7 July.
Rotary engine. H. A. and R. J. Hancox ..	11980	13 Sept.
Rotary engine. J. Baird ..	11345	26 Jan.
Rotary engine. P. M. Dewar ..	11991	13 Sept.
Rotary motor. R. F. Marsh ..	11981	13 Sept.
Rotary motor. I. Smith ..	11706	12 June.
Rotary transformer. B. G. Lamme ..	11696	8 June.
Rubber tires, Repairing compound for. J. Ostberg ..	11954	4 Sept.
Rusticated board joint. G. J. and A. Homes ..	11821	20 July.
Saddle-clip, Cycle. J. Thomas ..	12200	21 Nov.
Saddle, Harness-. F. Rathbone, S. Bates, and W. Miner ..	11334	25 Jan.
Sales-book. J. B. Beavis ..	11927	22 Aug.
Salts of barium, Manufacturing. C. S. Bradley and C. B. Jacobs ..	11325	20 Jan.
Samples of pulverised material, Apparatus for taking. C. Geissler ..	11524	14 April.
Sampling milk. D. Hutchinson ..	11791	13 July.
Sampling peas, &c. F. W. Adams ..	11749	27 June.
Sandal. H. Corrick ..	12007	22 Sept.
Sandal. (See also Boot, Golosh, Slipper.) ..		
Sand and gold separator, Magnetite. D. McFarlane ..	11756	27 June.
Sand and shingle in harbours, Preventing accumulation of. E. Maxwell ..	11956	4 Sept.
Sand, Feed regulator for table for use in treating. G. Woolhouse ..	11909	17 Aug.
Sand from river-beds, Removing. D. A. McLeod ..	11859	2 Aug.
Sand-separator, Magnetic. F. W. Mackenzie and R. S. Smith ..	12104	20 Oct.
Sand-separator, Magnetic. F. W. Payne ..	12232	11 Dec.
Sarking for carrying roofing-felt. H. Dalton ..	11866	7 Aug.
Sash-fastener. L. A. M. McKail ..	11819	17 July.
Sash-holder. H. Gulliver ..	11716	16 June.
Sash. (See also Window-sash.) ..		
Sash-weight. W. E. Ramsay ..	11966	6 Sept.
Saucepan. J. and A. Brown ..	11745	26 June.
Scale, Weighing and computing. J. J. Sears ..	11589	4 May.