

ALPHABETICAL LIST OF TITLES OF INVENTIONS—*continued.*

Invention, and Name of Inventor.	No.	Date.
Engine. F. H. Sleeper and A. E. Mahon	14768	16 April.
Engine. (See Compressed-fluid engine, Explosive engine, Gas-engine, Internal-combustion engine, Marine-engine, Oil-engine, Rotary engine, Traction-engine.)		
Engine-governor. A. Tornaghi	14563	27 Feb.
Engine-shaft bearing. W. E. Hughes	14501	6 Feb.
Engine-valve gear. W. Mayne	15583	31 Oct.
Ensilage, Compressing. J. K. McNeill and W. E. Collins	15376	10 Sept.
Envelope. J. N. Hancock	15269	18 Aug.
Envelope, Stationery. Elliot's Patent Lock Envelope Company (Limited)	14931	29 May.
Escape. (See Fire-escape.)		
Excavating, &c., gravel. H. Quertier	15501	10 Oct.
Excavating, &c., gravel. H. Quertier	15586	31 Oct.
Excavator. O. B. H. Hanneborg	14536	18 Feb.
Excavator. (See Drain-excavator.)		
Exchange, Automatic telephone. Strowger Automatic Telephone Exchange	15422	19 Sept.
Exchange, Operating telephone. L. E. De Mole	15353	4 Sept.
Exhaust-condenser for explosive motor. R. Whitson	14425	9 Jan.
Exhaust from oil and gas engine, Utilising. H. J. Topliss and N. Andrew	15339	1 Sept.
Exhausting air, Hydraulic apparatus for. W. G. Goss	15324	29 Aug.
Exhibition purposes, Stand for. T. Mutton and H. E. Hupton	15613	4 Nov.
Explosive. E. Phillips	14160	24 Oct.
Explosive. A. McCracken	14757	17 April.
Explosive compound. W. C. Quinby and J. J. Moore	15048	27 June.
Explosive compound of shell, Carrying, &c. H. R. Walker	15693	27 Nov.
Explosive engine. E. F. Colborn	14427	14 Jan.
Explosion-motor. J. A. Secor	14571	3 March.
Explosive motor, Condenser for exhaust from	14425	9 Jan.
Extension-table. L. Kortlang, sen., and A. Kortlang	15775	17 Dec.
Exterminating rabbits. T. G. Russell and A. H. P. Noble	15057	28 June.
Extinguisher. (See Fire-extinguisher, Gas-lamp lighting and extinguishing, Lamp-extinguisher.)		
Extract. (See Meat-extract.)		
Extractor. (See Nail-extractor, Stump-extractor.)		
Fabric. (See Wood-block fabric.)		
Fan, Electric. W. E. Coleman	14903	23 May.
Fan, Electric. W. E. Coleman	15602	5 Nov.
Fanlight, Pivoting-arrangement for. W. Turnbull	14978	9 June.
Fastener. J. Roussel and A. Thompson	14765	18 April.
Fastener. (See Belt-fastener, Boot-fastener, Carpet-fastener, Cart-tailboard fastener, Collar-fastener, Door-fastener, Door-mat fastener, Hat-fastener, Horse-cover fastener, Mat-fastener, Sack-mouth fastener, Sash-fastener, Shirt-neck fastener, Umbrella-fastener, Window-fastener, Window-sash fastener, Wire-rod fastener.)		
Fastening. (See Boot-fastening, Leggings-fastening, Mail-bag fastening.)		
Fastening for glass show-case, &c. J. Mead	15559	23 Oct.
Fastenings, Machine for inserting. United Shoe Machinery Company	14647	20 March.
Fastenings, Machine for inserting. United Shoe Machinery Company	15205	2 Aug.
Fatty substances from emulsions, Separating. J. A. Dahlqvist and C. L. Holm	15038	27 June.
Feed-mechanism for seed-drill. H. V. McKay	14746	14 April.
Feed-water heater. H. Thomas and A. C. Mitchell	14831	2 May.
Feed-water heater and distributor. A. Dunbar	15157	24 July.
Feeding attachment to typewriting-machine, Paper-. D. W. McArthur	15430	23 Sept.
Feet, Coverings for the. H. W. Buff	14735	9 April.
Fence. (See Wire fence.)		
Fence, Clip for securing crossed wires in. A. S. Band	15013	19 June.
Fencing-dropper. E. A. Derrett	14439	17 Jan.
Fencing-staple. H. A. Hudson	14593	7 March.
Fencing-wire, Uncoiling of. Q. A. McIlwraith	15065	27 June.
Ferrule for pipe, &c. T. J. Gilfedder and J. McKinna	14840	5 May.
Fertilisation, Artificial. P. Sivertsen	14784	12 April.
Fertiliser-drill. H. V. McKay	14746	14 April.
Fertiliser, Sowing seed with. P. F. A. and J. Robertson	15550	16 Oct.
Fibre from New Zealand flax, Spinning. I. Jacob and W. Pritzkow	15711	29 Nov.
Fibre-scouring machinery. F. L. Whitney	15490	9 Oct.
Fibre-washing machine. W. Toogood	14715	7 April.
Fibres, Extracting gum from. V. S. Aston	14718	4 April.
Figure for advertising purposes. T. Mutton and H. E. Hupton	15613	4 Nov.
Filament, Incandescent. J. T. Hunter	15312	27 Aug.
File or clip for documents. H. M. Inglis	14936	28 May.
File, wire-twister, and rule. A. Gray	15267	15 Aug.
Filter. (See Metallurgic filter.)		
Filter and butter-cooler. A. Lyell	14960	6 June.
Filter-press, High-pressure tap for. R. F. Bradshaw and W. E. Harding	15769	17 Dec.
Filter, Rain-water. F. J. Tonkin	15340	1 Sept.
Filter-trap for sewage. P. Patten	14713	5 April.
Filter, Water-. J. T. N. Anderson	15756	11 Dec.
Fire-alarm. T. S. Philpott and R. Hutchinson	14599	10 March.
Fire-alarm. P. A. Vaile	14719	7 June, '01.
Fire-alarm. R. H. Bedford	15017	17 June.
Fire-alarm. J. M. Graham	15407	17 Sept.
Fire alarm and escape. T. S. Philpott and R. Hutchinson	14889	20 May.
Fire-alarm, Electrical. J. P. Robertson	15165	24 July.
Fire-escape. W. Stewart	14418	6 Jan.
Fire-escape. C. J. Cooze	14594	7 March.
Fire-escape. A. McFarlane	14597	6 March.
Fire-escape. T. S. Philpott and R. Hutchinson	14598	10 March.
Fire-escape. I. Harrison and E. L. Kirkland	14650	20 March.
Fire-escape. C. J. Cooze	14700	3 April.