

ALPHABETICAL LIST OF TITLES OF INVENTIONS—*continued.*

Invention, and Name of Inventor.	No.	Date.
Extractor. (See Stump-extractor.)		
Extracting gold, &c. (See Gold, Metals.)		
Fan. (See Exhaust-fan.)		
Fastener. (See Belt-fastener, Boot or shoe fastener, Breast-fastener, Collar and cuff fastener, Dress-fastener, Envelope-fastener, Grip, Hat-fastener, Horse-cover fastening, Legging-fastener, Necktie-fastener, Sash-fastener, Strap-fastening, Trouser-fastening, Window-fastener.)		
Feeder. (See Fuel-feeder.)		
Feed-water filter. T. B. Meiklejohn	13616	16 May.
Fence-dropper. E. Smethurst	13563	25 April.
Fence-dropper. F. W. Page	13958	31 Aug.
Fence-dropper and clip. D. McDougall	13795	6 July.
Fence-droppers, Securing, to wires. T. Holden	13890	19 Aug.
Fence-swinger. F. W. Bursill	18703	10 June.
Fencing-posts, Lifting. T. T. Shaw	14093	4 Oct.
Fencing-tool, Combination. P. Trolove	14186	1 Nov.
Fertilising-compound. J. B. Ford and A. L. Johnston	13799	9 July.
Fibre-hackler. E. A. Gibbon	13391	8 Feb.
Fibre-separating machine. E. Waters, jun.	14181	1 Nov.
Fibre washing and scouring machine. F. V. Raymond	13852	23 July.
Filament. (See Osmium filament.)		
Filter. F. Cook and J. Symons	14138	21 Oct.
Filter. J. Gell	14137	18 Oct.
Filter, Beer. I. Harrison	13803	10 July.
Filter for factory drainings, &c. J. M. Bennett	13569	1 May.
Filter, Feed-water. T. B. Meiklejohn	13616	16 May.
Filter, Metallurgical. G. Fraser, jun., and S. E. Fraser	13517	28 March.
Filtering apparatus, Metallurgical. A. M. Nicholas	13397	13 Feb.
Fingers for reaper-and-binder. R. Cresswell	14133	18 Oct.
Fire-alarm. E. J. Butterworth	13810	9 July.
Fire-alarm. F. Castle	13848	22 July.
Fire-alarm. D. J. Kelleher	14052	24 Sept.
Fire-alarm. R. N. Saunders	13835	20 July.
Fire-alarm. E. Waters, jun.	13711	13 June.
Fire-alarm. C. E. Wildbore	13627	20 May.
Fire-alarm and fire-escape ladder. R. Nicholls	13911	14 Aug.
Firearm. J. Gaut	13789	5 July.
Firearm. W. and A. McArthur (Limited)	13895	8 Aug.
Firearm, Magazine for. J. P. Campbell	14335	16 Dec.
Firearm. (See also Small-arm.)		
Firearms. J. Gaut	13400	13 Feb.
Fire-detecting in buildings. D. J. Kelleher	14052	24 Sept.
Fire-escape. J. Baird	13964	29 Aug.
Fire-escape. K. Boyd	13853	24 July.
Fire-escape. C. A. Briggs	14208	11 Nov.
Fire-escape. H. Brown and J. McClure	14346	18 Dec.
Fire-escape. H. Brown and J. McClure	14347	18 Dec.
Fire-escape. F. Cook and J. Symons	14139	21 Oct.
Fire-escape. R. Caldwell	13751	20 June.
Fire-escape. R. Caldwell	13934	21 Aug.
Fire-escape. W. L. F. Chambers and G. Davies	14071	1 Oct.
Fire-escape. R. Cockerell	13990	7 Sept.
Fire-escape. H. G. Escher	14340	17 Dec.
Fire-escape. J. C. Freeth and P. J. H. Munro	14079	28 Sept.
Fire-escape. W. E. Gladstone	13720	8 June.
Fire-escape. R. Keyte	14010	17 Sept.
Fire-escape. H. M. Levinge	14343	17 Dec.
Fire-escape. W. J. Pierce	13856	23 July.
Fire-escape. A. W. C. Price	14371	20 Dec.
Fire-escape. T. Read	13829	16 June.
Fire-escape. J. Shepherd	13927	23 Aug.
Fire-escape. C. B. Smith	14344	14 Dec.
Fire-escape. C. B. Smith	13728	17 June.
Fire-escape. C. Tandy	14072	1 Oct.
Fire-escape. C. Tandy	14243	20 Nov.
Fire-escape ladder. C. O. Michel	13999	13 Sept.
Fire-escape ladder. R. Nicholls	13699	7 June.
Fire-escape ladder. E. Seager	14234	15 Nov.
Fire-extinguisher. E. L. Clark	13322	15 Jan.
Fire-grate. B. S. and J. H. Nicholls	13817	11 July.
Fireproof shutter for lift-opening. C. Hill	13988	10 Sept.
Fire-screen. J. H. Pledger	14035	21 Sept.
Fish-bolt. J. A. B. Wesley	14242	20 Nov.
Fish-crate. W. Moore and C. T. Kiernan	13554	25 April.
Flax. (See Fibre.)		
Flax-scutcher. T. Taylor and A. E. Reeves	14034	21 Sept.
Flax-stripper drum, Filing. A. Senior	14249	20 Nov.
Flong for stereo-mould. T. J. C. Drewett	13507	26 March.
Floors of insulated rooms, Draining. R. W. de Montalk	13840	22 July.
Fluid-pressure brake apparatus. M. Corrington	14226	14 Nov.
Fluid-pressure engine. J. P. Campbell	13302	8 Jan.
Flushing-apparatus for sanitary purposes. M. P. and A. C. Jonassen and H. Y. Widdowsou	14374	23 Dec.
Flushing-cistern. J. M. Taylor and H. Oakley	13570	27 April.
Flushing closet, urinals, &c. R. Lauchlan	13909	10 Sept.
Fodder-compressor. G. S. Cameron	14089	4 Oct.
Folding ladder. A. J. Marchant	14372	24 Dec.