

## ALPHABETICAL LIST OF TITLES OF INVENTIONS—continued.

Invention and Name of Inventor.	No.	Date.
Lamp, Incandescent gas-. J. G. Black .. .. .	8861	12 Oct.
Lamp, Wick-adjusting device for carriage-. A. Billens .. .. .	8592	19 June.
Landing-net, Telescopic. E. E. Collins .. .. .	9127	10 Dec.
Lantern, lamp, or other light, Improvement in. J. S. Scarr .. .. .	8829	7 Sept.
Lantern. (See also Lime-light, Magic-lantern.)		
Lard, Apparatus for subdividing. A. Billcliff .. .. .	8959	7 Oct.
Last. W. J. Pallant .. .. .	8403	20 April.
Last. R. J. E. Metzenthin .. .. .	8690	25 July.
Lasting-machine. J. E. Bullard .. .. .	8483	12 May.
Latch-fastener. A. Prior .. .. .	9005	5 Nov.
Lathe, Venetian-blind. J. Manttan .. .. .	9099	5 Dec.
Laundry-blue, &c., Box for. J. O. Egestorff .. .. .	8668	22 July.
Laundry-strainer. W. F. Potts .. .. .	8966	24 Oct.
Leaching, Process for extracting gold and silver from slimes by. J. Park and G. W. Horn .. .. .	8271	11 Feb.
Lead and zinc, Process and apparatus for the production of, by electrolysis of melted chlorides. R. O. Lorenz .. .. .	8191	10 Jan.
Leaf turner, Music-. W. J. Moffatt and E. A. Knapp .. .. .	8489	12 May.
Leather articles, Machine for making. E. Spear and F. L. Middleton .. .. .	9101	7 Dec.
Leather, Machinery for treating. J. Hall .. .. .	9131	17 Dec.
Leggings, Fastening for. F. Ryding .. .. .	8358	23 March.
Leggings, Fastening for. A. G. Howland .. .. .	8476	8 May.
Letter-file. R. W. S. Clair .. .. .	8409	17 April.
Letter-sheet and -wrapper combined. G. Barnes and F. P. Stevens .. .. .	8788	24 Aug.
Levelling-head for tripod of theodolite. T. Peacock .. .. .	8908	4 Sept.
Lever, Chain-gripping. D. Donald .. .. .	8888	3 Sept.
Lever-cramp for flooring and lining. W. C. Page .. .. .	8205	16 Jan.
Lever for cycle, Crank-. J. Speight .. .. .	8312	2 March.
Lever-pedal for cycle. J. Speight .. .. .	8285	20 Feb.
Lid-measurer. J. Eustace .. .. .	8525	21 May.
Life-boat. C. Hibberd .. .. .	8418	24 April.
Life-buoy line. D. Cunningham .. .. .	8986	31 Oct.
Life-saving raft. W. J. Nankivell .. .. .	8404	20 April.
Lifting machine, Weight-. D. Donald .. .. .	8924	9 Oct.
Lifts, Life-grip for hydraulic. D. Robertson .. .. .	9140	19 Dec.
Light. (See Acetylene, Burner, Electric, Gas, Incandescent, Lamp, Lantern.)		
Light, Means for obtaining. E. Tatham .. .. .	8726	12 Aug.
Lighting cigars, &c., Means for. R. W. Rutherford and A. Jackson .. .. .	8723	11 Aug.
Limb, Artificial. J. A. Packer .. .. .	8321	28 Feb.
Lime and ashes distributor. J. Macalister .. .. .	9007	15 Oct.
Lime-light apparatus, Combined gasometer, purifier, lantern-stand, and packing-case for. J. Knott .. .. .	8762	17 Aug.
Lime-spreader. W. Chalmers .. .. .	9077	25 Nov.
Lineal measurement, Apparatus for indicating cost of goods sold by. R. A. Bradbury .. .. .	9155	23 Dec.
Lines, Appliance to assist in drawing. J. Warnock .. .. .	8258	7 Feb.
Lining- and flooring-clamp. H. Childs .. .. .	8518	22 May.
Lining and flooring, Lever-cramp for. W. C. Page .. .. .	8205	16 Jan.
Lining for butter-box. E. Pontin .. .. .	8742	15 Aug.
Link, Sleeve-. H. D. A. Reynolds .. .. .	8379	31 March.
Link, Split, for repairing and lengthening chains. C. A. and T. H. Whimp .. .. .	8202	13 Jan.
Linotype machine. O. Mergenthaler .. .. .	8815	3 Sept.
Linotype machine. O. Mergenthaler .. .. .	8842	14 Sept.
Linotype machine, Two-line letter knife attachment for. P. T. Balls .. .. .	8628	6 July.
Liquid-measure. A. Bach .. .. .	9069	28 Oct.
Liquid motive-power. (See Motive-power.)		
Liquids and gases, Apparatus for reducing pressure of. R. Matchett .. .. .	9152	24 Dec.
Liquids, Apparatus for treating, by heat. A. Seigle .. .. .	8416	24 April.
Liquids, Elevator for. E. F. Turner .. .. .	8647	14 July.
Lock-engine, Tidal and river automatic. (See Engine.)		
Lock for bicycle-wheel. H. E. Lawrence .. .. .	9129	15 Dec.
Lock for mail-bag straps. C. Wadey and A. W. Thomas .. .. .	8672	22 July.
Lock for sash-fastener. E. D. Drake .. .. .	9141	21 Dec.
Locking-nut. J. Evinof .. .. .	9024	11 Nov.
Locking nuts on bolts, Means for. H. J. Wood .. .. .	8440	27 April.
Locking nuts on cycle-chain bolts, Washer for. T. Boyd .. .. .	8455	1 May.
Locking wheels of vehicles, Apparatus for. H. Hedge .. .. .	8026	16 Jan.
Locking wheels of vehicles, Apparatus for. H. Hedge .. .. .	8516	20 May.
Lock-nut. J. S. Woodhouse .. .. .	9032	10 Nov.
Lock-nut. J. Arthur .. .. .	9057	17 Nov.
Lock, Sash-. A. H. Wylds .. .. .	8527	27 May.
Locomotive or other wheeled vehicle, Means for registering instructions to driver of. F. W. Petre and A. A. Scully .. .. .	8217	23 Jan.
Logs, Slip for launching. N. Gibbons .. .. .	9160	23 Dec.
Lotion. M. Forsman .. .. .	8543	2 June.
Lubricator, Railway-axle. W. Silver .. .. .	8325	4 March.
Machinery, Brake for. H. M. and J. Copeland .. .. .	8804	1 Sept.
Machine, Sheep-shears. (See Sheep-shears.)		
Magic-lantern, Film-carrier for. G. Hamlin .. .. .	8232	29 Jan.
Mailable matter and mail receptacles, Instrument for encasing. H. N. McLeod .. .. .	8939	16 Oct.
Mail-bags, Buckle and fastener for. L. Lawson .. .. .	9081	25 Nov.
Mail-bag straps, Lock for. C. Wadey and A. W. Thomas .. .. .	8672	22 July.
Mains, &c., Connecting device for. F. Albrecht .. .. .	8508	19 May.
Mains or pipes, Appliance for scraping interior of water or other. H. J. I. Bilton and T. Timmins .. .. .	8720	7 Aug.
Mains or pipes, Thimble and hatch-box for. H. J. I. Bilton and T. Timmins .. .. .	8807	1 Sept.
Manganese pulveriser. W. Walker .. .. .	9003	28 Oct.
Manure and seeds, Apparatus for sowing. A. Thomson .. .. .	8184	4 Jan.
Manure- and seed-sower. J. C. Naismith .. .. .	9070	23 Nov.
Manure- and seed-distributor. A. M. Perry .. .. .	8407	22 April.
Marble, Artificial. W. Owen .. .. .	8903	30 Sept.