

ALPHABETICAL LIST OF TITLES OF INVENTIONS—*continued.*

Invention, and Name of Inventor,	No.	Date.
Prospecting implement, Gold-. J. Smail	12198	21 Nov.
Prospecting-pump. R. McGregor	12028	9 Oct.
Protector, Tire-. J. Seffer	11405	11 March.
Protector, Trouser-. J. Metzger	11885	11 Aug.
Provision-jars, &c., Closing. E. Waters, jun.	11766	18 July.
Provision-tin. A. W. Maconochie	12114	25 Oct.
Pruning-shears. M. Gaffy	11675	6 June.
Pulley. W. Brownlee	11370	13 Feb.
Pulveriser. J. Warren	11374	15 Feb.
Pulverising mill, Cement-. M. J. Davidsen	12174	13 Nov.
Pulverising ore, cement, &c. M. J. Davidsen	12173	13 Nov.
Pump. C. C. Worthington	11285	5 Jan.
Pump. Fraser and Chalmers, Limited.. .. .	12119	27 Oct.
Pump. H. A. and R. J. Hancox	11980	13 Sept.
Pump. I. Smith	11706	12 June.
Pump. I. Smith	12191	23 Nov.
Pump. J. McCulloch	11581	3 May.
Pump. E. McGregor	12028	9 Oct.
Pump. T. Stevenson	11761	30 June.
Pump. W. Griffiths	12246	4 Dec.
Pump. W. H. Heard	11955	4 Sept.
Pumping and winding machinery. J. Symington	11358	2 Feb.
Pump, Kerosene. H. S. Mozart	11983	13 Sept.
Pumps, &c., Preventing freezing in. J. Park and G. A. Avey.. .. .	12063	7 Oct.
Punching fencing-standards. R. A. Crook	11440	10 March.
Punching hole in bull's nose for insertion of ring. J. Clark	11553	20 April.
Punkah. J. G. Massie	12054	5 Oct.
Punt. (See Silt punt.)		
Purifier, Acetylene. The Acetylene Purifying Company, Limited	11939	31 Aug.
Purifying water. F. J. Olsen and E. H. Whitmore	12245	15 Dec.
Pyritic slime separator. A. Maltman	11873	4 Aug.
Quicksilver injector. D. W. Cotton and J. F. W. H. Schadick	12146	2 Nov.
Rabbit-crate. A. P. Schmidt and D. Hannan	11490	24 March.
Rabbit-crate. A. P. Schmidt and D. Hannan	11563	22 April.
Rabbit-crate. J. McQueen	11875	10 Feb.
Rabbit-crate. J. Metzger and R. Cruickshank	11666	30 May.
Rabbit-crate. J. Taylor	11543	18 April.
Rabbit-crate. R. McCulloch and T. Thompson	11658	23 May.
Rabbit-crate. W. Burrell and J. W. Story	11855	3 Aug.
Rabbit-crate. W. Stevenson	11484	27 March.
Rabbit-packing devices. T. T. Boys	11399	24 Feb.
Rabbit-trap. A. E. King	11930	23 Aug.
Rabbit-trap. F. and F. Raper	12109	20 Oct.
Rabbit-trap. F., F., and A. E. Raper	11337	25 Jan.
Rabbit-trap. W. B. Galloway	11595	4 May.
Rabbit-trap, Spring. W. Barr	11759	29 June.
Rabbits, Apparatus for carrying, in railway-van. A. Nelson	11636	16 May.
Race and register for counting sheep. R. W. Green	11762	3 July.
Race-game. G. McMullen and J. H. Joseph	11959	4 Sept.
Race-meetings, Scratching-board for. E. Burton and R. B. Echlin	12253	21 Dec.
Race-meetings, Recorder for. E. Burton and R. B. Echlin	12254	21 Dec.
Race-result indicator. D. C. Carr	11999	20 Sept.
Race-starter. W. M. Turner	11319	18 Jan.
Racing- or trotting-harness. J. T. Murphy	11910	22 Aug.
Racing-plate or horseshoe. C. Tandy	12180	16 Nov.
Rack. J. B. C. Watt	11369	13 Feb.
Rail-joint. A. R. Pullen	12266	28 Dec.
Rail-joint. W. Sandford, W. Thornley, and E. Silcocks	11367	10 Feb.
Rail lifting-jack. W. H. Steenson	11432	22 March.
Rails, Renewing steel. E. W. McKenna	11458	20 March.
Railway rails into furnaces, Apparatus for charging. E. W. McKenna	11459	20 March.
Railway rails, Machine for sawing and straightening. E. W. McKenna	11460	20 March.
Railway brake. E. B. Vaile	11504	30 March.
Railway-car coupling. H. J. Marks	12013	22 Sept.
Railway-car coupling. R. S. Reid	11796	15 July.
Railway-carriage coupling. A. Dornbusch	12262	27 Dec.
Railway-carriage coupling. T. H. Patching	11732	22 June.
Railway, Electric. G. Westinghouse, C. A. Terry, and H. P. Davis	11536	15 April.
Railway points. R. Stevens	11428	7 March.
Railway signals. J. Avery	11760	29 June.
Railway van, Apparatus for carrying rabbits in. A. Nelson	11636	16 May.
Railway-vehicle coupling. G. B. Beere	11837	24 July.
Railway-vehicle coupling. J. Lowden	11778	5 July.
Railway vehicles, Buffer and draw-gear for. W. R. S. Jones	11436	11 March.
Raising gold. J. Thomson	12222	2 Dec.
Raising ships. W. Fitzpatrick	12143	1 Nov.
Raising water. C. L. O'Brien	12167	11 Nov.
Raising water. Fraser and Chalmers (Limited)	11633	6 June.
Raising water. I. L. Lewis	11721	29 May.
Raising water. J. Welsby and H. G. Bedell	11848	1 Aug.
Ram, Hydraulic. W. Angus	11427	7 March.
Reading-desk, and cupboard, Clinical table. H. C. Franklin.. .. .	11623	15 May.
Ready reckoner. A. E. H. Payne	12133	30 Oct.
Receiver, Telegraph transmitter and. N. I. Gooder	11548	21 April.
Reckoner, Ready. A. E. H. Payne	12133	30 Oct.
Recording attachment for clock. C. Stahlecker	11973	13 Sept.
Recorder for sports and race meetings. E. Burton and R. B. Echlin	12254	21 Dec.
Recording mechanism, Vote-counting and. J. H. Mander	11817	21 July.