

ALPHABETICAL LIST OF TITLES OF INVENTIONS—*continued.*

Invention, and Name of Inventor.	No.	Date.
Palm. (See Sewing-palm.)		
Pan. (See Amalgamating-pan, Closet-pan, Cooking-pan, Frying-pan, Grinding-pan, Saucepan.)		
Pan-lid. A. C. Murray	13960	2 Sept.
Paper-bag-making machine. E. C. Lovell	14287	28 Nov.
Paper coated with crystals. L. A. Middows	14341	17 Dec.
Papers. (See Wall-papers.)		
Parer and corer for apples, potatoes, &c. A. Peddie	14318	11 Dec.
Partition, Concrete and metal. G. L. Mouchel and C. Eliet	13787	5 July.
Passengers and driver of train, Enabling communication between. A. Spencer	13307	8 Jan.
Pastry-cutter, Receptacle-cover and. W. Chrystall	13626	16 May.
Patterns for garments, Chart for drafting. E. Langer	14058	26 Sept.
Pavements, &c., Top-dressing for. J. McKegg	13961	2 Sept.
Pedals. (See Bicycle or cycle pedals.)		
Peg. (See Clothes-peg, Hat-peg.)		
Pen. (See Fountain pen.)		
Pen and letter-weight combined. P. F. M. Burrows	13375	7 Feb.
Pen-nib reservoir. C. W. Ziele	13515	30 March.
Pens, Reservoir attachment for. G. S. Duncan	13612	15 May.
Pen-wiper. A. J. Park	13727	13 June.
Pencil-sharpener. W. C. Greig and A. C. Andrews	13652	29 May.
Pencil-sharpener. (See also Slate-pencil sharpener.)		
Percussion drill, Reciprocating motion for. B. H. Locke	13462	7 March.
Perforator. (See Tape-perforator.)		
Perforator, Wheatstone. J. Gell	13475	14 March.
Phonograph. W. G. Runge	13785	5 July.
Phosphorized pollard, Tool for distributing. H. Grass	13790	5 July.
Photographic camera. A. A. Brooks and G. A. Watson	14386	30 Dec.
Photo-printing apparatus. W. H. Clarke	13620	13 May.
Photo-process blocks, "Whirler" for use in preparing. F. W. Sears	14339	16 Dec.
Piano, Wrest-pin for. O. C. Beale and C. J. Vader	13508	29 March.
Pianofortes, Music-cabinet attachment to. E. A. Bishop	14155	24 Oct.
Pickets, Machine for shaping heads of. C. R. Dumbrell	14293	27 Nov.
Picture-support. W. R. Linley	14091	4 Oct.
Pile-driving apparatus. J. W. Thomas	13706	10 June.
Pile-preserving composition. T. C. Bayldon	13347	29 Jan.
Pin. (See Brooch-pin, Hair-pin, Wrist-pin.)		
Pins, Securing, to scarves, bags, &c. H. O. Brown	13862	26 July.
Pins, spindles, &c., Securing. T. Trapski and S. Clarke	13937	27 Aug.
Ping-pong apparatus. E. S. Baldwin and H. H. Rayward	14375	30 Dec.
Pinchers. (See Lasting-pinchers.)		
Pipe. (See Boring-pipe.)		
Planing-machine cutting-tool. E. H. Slater	14213	12 Nov.
Plant. (See Pot plant.)		
Planter. (See Potato-planter.)		
Plants, Bench for pot. W. H. Lawrence	14264	21 Nov.
Plant-transplanting appliance. R. T. Batley	13314	15 Jan.
Plaster. (See Building-plaster, Medicinal plaster.)		
Plaster. A. Knox	13619	16 May.
Plaster. G. A. Taylor.	13578	3 May.
Plaster for wooden surfaces, Fastening. I. Harrison	13979	9 Sept.
Plate. (See Armour plate.)		
Playing-cards. T. M. B. Muir and G. Moodie	14366	19 Dec.
Pliers for ear-marking cattle, &c. J. D. Tripe	13794	5 July.
Plough. G. Barney	13565	10 May.
Plough. W. Y. H. Hall	13364	29 Jan.
Plough. W. Painter	13232	2 Jan.
Plough. (See also Trenching-plough.)		
Plough attachment. J. Herbert	13417	20 Feb.
Plough, Cultivator attachment to. W. Y. H. Hall	13363	29 Jan.
Plough, Knife for water-race-cleaner. A. Cass	13896	9 Aug.
Plough, Sowing, manuring, and harrowing attachment to. F. Gale and J. Hemphill	14143	22 Oct.
Plough, Subsoiler for. L. P. Halerow	14177	31 Oct.
Ploughs, Attaching skeiths, coulters, &c., to. W. Painter	13737	20 June.
Ploughshare. W. Hornsby and J. Lawson	13299	7 Jan.
Ploughshare. R. McDonald	13776	2 July.
Plug. (See Tamping-plug.)		
Plunger for pump. W. Hinchey and W. and J. Hagerty	13943	28 Aug.
Plunger, Operating pump. W. Hinchey and W. and J. Hagerty	13944	28 Aug.
Plush for gold-saving. J. Trent	13673	3 June.
Pocket. T. Hall	13681	5 June.
Poison-distributor. H. Grass	13790	5 July.
Poisoned-grain distributor. W. Humble	14092	4 Oct.
Pole. (See Curtain-pole.)		
Pollard, Tool for distributing phosphorized. H. Grass	13790	5 July.
Polisher, Boot cleaner and. A. H. Hiddleston	13502	25 March.
Polishing and cleaning preparation. E. Shadgett	13705	10 June.
Post. (See Fencing-post.)		
Post-mortem weighing-table. A. H. P. Noble	14240	18 Nov.
Pot. (See Teapot, coffee-pot, watering-pot.)		
Potato-digger. F. S. Maddison and C. E. Bailey	13503	25 March.
Potato-digger. J. Vorbach	13648	25 May.
Potato-digger. W. Waters, W. K. Elder, and S. C. Macky	13603	7 May.
Potato digger and cultivator. F. O. Andrews	13623	16 May.
Potato or apple parer and corer. A. Peddie	14318	11 Dec.
Potato-planter. A. Storrie	13837	19 July.
Pot-plant bench or tray. W. H. Lawrence	14264	21 Nov.