

ALPHABETICAL LIST OF INVENTIONS—continued.

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Pie-making machine	W. Wood	17916	14 May ..	45	26 May.*
Pigeon-trap	J. Rose	17959	26 May ..	49	9 June.*
Pig-trough	P. J. Devine	18095	24 June ..	59	7 July.*
Pin. (See Brooch-pin, Hairpin, Hat-pin.)					
Pipe. (See Concrete pipe, Drain-pipe, Earthenware pipe, Socket-pipe, Tobacco-pipe.)					
Plant-pot	A. J. Eggleton	17858	25 April ..	45	26 May.
Plough, Actuating lever-wheel of multi-furrow	R. Paterson	16580	3 July, 1903	36	28 April.
Plough and harrow, Combined	W. Snedden	17935	20 May ..	49	9 June.*
Plough-coulter, Spring-attachment for	W. Williams	16673	23 July, 1903	45	26 May.
Plough. (See Disc-plough, Ditch-plough, Water-race plough.)					
Post-hole borer	A. Currie and R. Anderson	16916	4 Sept., 1903	54	23 June.
Pot. (See Flower-pot, Plant-pot, Wax-pot.)					
Potato-harvester	F. McDougall	17742	6 April ..	31	14 April.*
Power-generator, Tidal-water	H. M. Meinung	17814	21 April ..	54	23 June.
Power, Transmission of	E. Dugan	17921	19 May ..	49	9 June.*
Preservation of milk	I. F. Witting	17896	11 May ..	45	26 May.*
Preserving timber, Method of	R. W. Harvey	17678	18 Mar. ..	49	9 June.*
Press. (See Baling-press, Hydraulic press.)					
Printer and sizer, Butter	A. Christie	18007	4 June ..	59	7 July.
Printing and numbering machine	D., D., A. L., and J. W. Carlaw	17997	1 June ..	59	7 July.
Printing-machine	T. M. North	17845	15 May, 1903†	62	21 July.
Produce and water gas, Making	E. S. Baldwin and H. H. Raymond	17961	26 May ..	..	..
Projectile	J. Pomeroy	18025	1 June ..	54	23 June.*
Protector, Ladies'	A. M. Normanby	17934	18 May ..	49	9 June.*
Protector, Ladies'	F. W. Rodgers	18068	18 June ..	59	7 July.*
Protector. (See Motor tire-protector.)					
Protectors, Machine for making and inserting	United Shoe Machinery Company	17922	19 May ..	49	9 June.*
Pruning-knife	J. Pearson	18034	14 June ..	62	21 July.*
Pulley and vehicle wheels	T. Gare	17989	1 June ..	59	7 July.
Pulleys, Driving-gear for	C. F. Jaehn and W. Emling	17949	25 May ..	54	23 June.
Pulling-over machine	United Shoe Machinery Company	16817	10 Aug., 1903	54	23 June.
Pulling-over machine	United Shoe Machinery Company	18018	9 June ..	59	7 July.
Pump. (See Californian pump, Centrifugal pump.)					
Pumping water, Apparatus for	A. E. and H. G. Bradley	18102	30 June ..	..	..
Puzzle, Advertising-	H. T. Harding and A. F. Billing	17829	25 April ..	42	12 May.
Rabbits, Compound for destroying	H. H. Patterson and J. R. Stevenson	17779	14 April ..	42	12 May.
Rabbit-trap	M. Slattery	17753	7 April ..	..	..
Race-starter	J. A. Winten	17426	30 Dec., 1903	54	23 June.
Race-starting appliance	R. S. Reid	17773	13 April ..	..	..
Rack. (See Toasting-rack, Curd-rack.)					
Raft, Ship's	T. J. Ross	18079	23 June ..	59	7 July.*
Railway-car, &c., Door for	H. J. Manson	16611	10 July, 1903	49	9 June.
Railway signalling apparatus	G. M. Scott	17891	6 May ..	45	26 May.*
Rain-excluder for door	J. Lindsay	16651	17 July, 1903	59	7 July.
Rain-proof coat	T. Morris	17788	12 April ..	36	28 April.*
Ram. (See Hydraulic ram.)					
Reading desk and table, Aerial	J. Jamison	17930	16 May ..	54	23 June.
Reaper-and-binder, Motor	M. J. Tehan and T. C. Wright	17848	27 April ..	..	..
Recoil, Counteracting, in guns	McClellan Arms and Ordnance Company	17801	19 April ..	45	26 May.
Recorder, Vote-	F. W. Paterson	17915	14 May ..	45	26 May.*
Refuse and nightsoil pan	J. Paterson and E. Johns	18086	23 June ..	59	7 July.*
Register-grate, Flue for	G. Ross	16587	1 July, 1903	36	28 April.
Register, Voting-	W. Dall	18111	30 June ..	62	21 July.*
Rein, Attaching, to bit for curbing horse	G. T. Allnutt	18043	14 June ..	54	23 June.*
Reservoir, Controlling contents of high-pressure soda-water	A. J. L. Eokersley	17721	31 Mar. ..	36	28 April.
Retainer. (See Umbrella-tip retainer.)					
Riding-saddle	A. Lappan	16866	27 Aug., 1903	49	9 June.
Riding-saddle	A. Little	17812	21 April ..	42	12 May.*
River-bottoms, &c., Scouring	B. F. Dunn	17900	11 May ..	45	26 May.*
Road-truck, Loading, with metal	F. Cooper	17942	21 May ..	49	9 June.*
Road-wheel, Expansible	J. J. Coakley and A. C. McCallum	17603	2 Mar. ..	54	23 June.
Rock-drill, Lifting and turning	C. Simmons	17521	18 Mar., 1903†	45	26 May.
Roofing, corrugated-iron, Securing, on stacks	A. J. Ross	16614	10 July, 1903	45	26 May.
Rotary electric machine	J. P. Campbell	18066	21 June ..	62	21 July.
Rotary engine, Reversible	H. E. Parry, R. W. Thomson, and W. J. Farley	18078	23 June ..	62	21 July.
Roundabout, Means for actuating	F. C. H. Hammerich	17765	12 April ..	36	28 April.*
Rug-fastening attachment, Horse and cow	P. Harrison	17750	6 April ..	31	14 April.*
Saddle. (See Riding-saddle.)					
Safety-appliance for vehicle	J. Meek	17755	7 April ..	36	28 April.*