

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Invention.	Name.	Application.		Gazette.	
		No.	Date	No.	Date.
Malt-liquors, Manufacture of ..	M. H. Claussen ..	17771	13 April ..	42	12 May.
Marker, Book- ..	H. Selwood ..	17892	7 May ..	45	26 May.*
Marking board and cabinet, Billiard- ..	H. U. Alcock ..	17757	8 April ..	36	28 April.*
Massage or vibratile apparatus ..	J. H. King ..	17895	11 May ..	49	9 June.
Mat, Non-silttable ..	T. Hall and F. Elvines ..	17889	10 May ..	45	26 May.*
Match-box ..	F. J. Wilson ..	17733	5 April ..	..	..
Match-making machine ..	H. C. La Flamboy ..	17770	13 April ..	45	26 May.
Matting for gold-saving, &c. ..	C. R. Hubbard ..	17854	25 April ..	42	12 May.*
Mattress ..	H. E. Mitchell ..	17937	18 May ..	..	..
Mattress. (See also Wire Mattress.)					
Measuring-apparatus, Tailor's ..	S. Smith ..	17805	19 April ..	42	12 May.*
Measuring-instrument, Electrical ..	J. P. Campbell ..	17875	5 May ..	49	9 June.
Menstruation appliance ..	J. Pomeroy ..	17855	26 April ..	42	12 May.*
Metal, Loading road-truck with ..	F. Cooper ..	17942	21 May ..	49	9 June.*
Milk-cooler ..	W. A. Haxton ..	16581	3 July, 1903	36	28 April.
Milk, Destruction of bacteria in and pre- servation of ..	I. F. Witting ..	17896	11 May ..	45	26 May.*
Milk-pan ..	J. Paterson and E. Johns ..	18086	23 June ..	59	7 July.*
Milk-pasteuriser ..	W. A. J. Dutch ..	17969	30 May ..	49	9 June.*
Milk-strainer ..	F. Gough ..	16820	19 Aug., 1903	45	26 May.
Milk-weigher ..	C. Cooper ..	17288	25 Nov., 1903	45	26 May.
Milk-weigher, Counting and controlling mechanism of ..	D. P. Davidson ..	17999	7 June ..	54	23 June.*
Milking-apparatus ..	B. Bodycomb ..	16676	24 July, 1903	54	23 June.
Milking-appliances, Machine ..	J. Howcroft ..	17863	2 May ..	45	26 May.*
Mitre-cutter bar and stop ..	R. Dunne ..	16662	16 July, 1903	54	23 June.
Mixer. (See Food-mixer.)					
Mixing or circulating materials ..	F. C. Brown and S. D. McMiken ..	17982	25 May ..	54	23 June.*
Mixing-valve for explosive-engine ..	J. P. Campbell ..	17947	25 May ..	54	23 June.
Monkey-wrench ..	W. Gray ..	18094	28 June ..	..	..
Mop, Wash-up ..	H. J. Gentles ..	16859	26 Aug., 1903	54	23 June.
Motor ..	E. Tregear ..	18020	10 June ..	54	23 June.*
Motor cars, Friction-gearing for ..	E. Bergmann ..	17992	1 June ..	59	7 July.
Motor reaper-and-binder ..	M. J. Tehan and T. C. Wright ..	17848	27 April ..	..	..
Motor tire-protector ..	H. J. Whitelaw ..	17712	31 Mar. ..	36	28 April.*
Motor vehicle ..	Olds Motor Works ..	18023	8 June ..	62	21 July.
Motor. (See Steam-turbine motor, Car- bonic-acid motor.)					
Mould. (See Soap-mould, Cake-mould.)					
Mouthpiece for tobacco-pipe ..	C. Peterson ..	17838	27 April ..	..	..
Muffle ..	The Morgan Crucible Company, Limited ..	17776	14 April ..	42	12 May.
Music, Instrument to familiarize sight and sound in ..	W. P. Simmonds ..	17509	3 Feb. ..	42	12 May.*
Music leaf-turner ..	G. S. Budge ..	16781	11 Aug., 1903	49	9 June.
Nail-handling appliance ..	Ah Pat ..	17799	18 April ..	42	12 May.
Name and sign plates, Construction of ..	E. Verey ..	18098	30 June ..	59	7 July.*
Nib. (See Pen-nib.)					
Nightsoil and refuse pan ..	J. Paterson and E. Johns ..	18086	23 June ..	59	7 July.*
Nightsoil-pan, Securing in position cover of ..	J. T. Hunter ..	17978	31 May ..	49	9 June.*
Non-refillable bottle ..	J. King ..	17833	27 April ..	42	12 May.*
Non-refillable bottle ..	R. Dunne ..	17967	23 May ..	49	9 June.*
Non-silttable mat ..	T. Hall and F. Elvines ..	17889	10 May ..	45	26 May.*
Noxious weeds, Destroying ..	A. Grainger ..	17901	11 May ..	45	26 May.*
Numbering and printing machine ..	D., D., A. L., and J. W. Carlaw ..	17997	1 June ..	59	7 July.
Nut-wrench ..	J. Adams ..	18084	22 June ..	..	..
Offal, Treating ..	J. B. Hay and A. J. Daniel ..	17797	18 April ..	42	12 May.*
Oil-engine tractor ..	J. Macalister ..	17762	6 April ..	42	12 May.*
Optical effects, Apparatus for producing ..	C. V. Jenkins ..	17745	7 April ..	31	14 April.*
Ore-concentrator, Actuating shaking-table ..	N. Guthridge, Limited ..	17898	11 May ..	49	9 June.
Ore-concentrator, Shaking-table ..	N. Guthridge, Limited ..	17897	11 May ..	49	9 June.
Ore-concentrator, Shaking-table ..	N. Guthridge, Limited ..	17899	11 May ..	45	26 May.*
Ore crusher and amalgamator ..	H. Jones ..	16797	14 Aug., 1903	49	9 June.
Ores, Extracting gold from ..	H. S. Stark ..	17905	9 May ..	49	9 June.
Ores, Extracting gold from ..	O. L. Olden and P. V. Barnard ..	17810	21 April ..	..	..
Oven, Bakers' ..	C. F. F. Allan ..	17971	30 May ..	49	9 June.*
Package or case, Export ..	G. Cheverton and J. T. Johnson ..	17887	9 May ..	49	9 June.*
Packing-holder for circular saw ..	R. Wales ..	16654	15 July, 1903	54	23 June.
Pan. (See Milk-pan, Nightsoil-pan, Re- fuse-pan.)					
Paper-bag ..	E. G. F. Zohrab and W. C. Greig ..	17913	17 May ..	..	..
Paper, Mixture for making fireproof ..	C. Grosvenor ..	18014	6 June ..	54	23 June.*
Parlour-game, Hoop, peg, &c., for ..	C. E. Warden ..	17710	30 Mar. ..	36	28 April.*
Pasteuriser, Milk- ..	W. A. J. Dutch ..	17969	30 May ..	49	9 June.*
Patterns, Chart for garment- ..	M. E. McLeod ..	16183	4 April, 1903	59	7 July.
Pedal. (See Bicycle-pedal.)					
Peg, hoop, &c., for parlour-game ..	C. E. Warden ..	17710	30 Mar. ..	36	28 April.*
Pen-nib attachment for retaining ink ..	R. L. Stewart ..	17813	21 April ..	42	12 May.*
Pen. (See Fountain-pen.)					
Petrol-carburetter ..	W. Stokes, jun. ..	17960	26 May ..	49	9 June.*
Phormium tenax. (See Flax.)					
Piano-attachment ..	F. W. Gardiner ..	17870	4 Ma ..	..	..