

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Distributing liquids	A. Atkins	17135	23 Oct. ..	91	26 Nov.*
Distributing liquids in jet spray	C. J. White and E. Grove	17137	20 Oct. ..	91	26 Nov.*
Ditch-plough elevator	J. Robertson	17312	27 Nov. ..	94	10 Dec.*
Door-check	W. H. Manning, E. Edwards, and P. H. Basley	17206	2 Nov. ..	91	26 Nov.
Door-handle fastening	J. J. Macky	17416	23 Dec. ..	6	21 Jan., 1904.*
Door-lock	J. Stephens	17092	10 Oct. ..	87	12 Nov.*
Door-lock	R. H. Skipwith	17365	11 Dec. ..	2	7 Jan., 1904.*
Doors, Dust and draught excluder for	A. Parker	16376	19 May ..	81	15 Oct.
Doors, Rain, dust, and draught excluder for	E. A. G. Hamlin	17096	13 Oct. ..	87	12 Nov.*
Drainer, Cooking-utensil with	J. F. Farra	17160	26 Oct. ..	91	26 Nov.*
Drainpipe-connection	H. S. Woolcott	17332	7 Dec. ..	94	10 Dec.*
Drain-plough	J. Williams	17094	7 Oct. ..	87	12 Nov.*
Dray. (See Tip dray.)					
Dray or dray-scoop	D. L. Cochrane	15712	3 Dec., 1902	84	29 Oct.
Dredge-bucket link-shoe	T. Gillespie	17372	15 Dec. ..	2	7 Jan., 1904.
Dredge-bucket protector	R. R. Douglas	17139	24 Oct. ..	91	26 Nov.*
Dredged-material depositor	E. Knewstubbbs	17164	23 Oct. ..	94	10 Dec.
Dredging machinery	G. H. Dunlop	17420	29 Dec. ..	6	21 Jan., 1904.
Dress-stand	J. Walker	17221	11 Nov. ..	94	10 Dec.
Dried fruit, Cleaning and washing	W. C. Braddock	16602	8 July ..	87	12 Nov.
Drill	J. Tonge, jun.	17302	24 Nov. ..	2	7 Jan., 1904.
Drill borer, Diamond-	T. Smith	17400	21 Dec. ..	10	4 Feb., 1904.*
Drill-former	J. Macalister	17115	15 Oct. ..	87	12 Nov.*
Driving-coat	E. M. Perdriau	17161	24 Oct. ..	94	10 Dec.*
Dropper. (See Fencing-dropper.)					
Drying materials, Apparatus for	E. Buckland	17171	27 Oct. ..	91	26 Nov.*
Dust-excluder for doors	A. Parker	16376	19 May ..	81	15 Oct.
Dust-excluder	E. A. G. Hamlin	17095	13 Oct. ..	87	12 Nov.*
Dust-excluder	E. A. G. Hamlin	17096			
Dust-excluder	E. A. G. Hamlin	17097			
Dust-preventer	L. S. van Westrum	17260	18 Nov. ..	94	10 Dec.
Ear-marking sheep, cattle, &c.	J. Dignan	17212	3 Nov. ..	91	26 Nov.*
Earth-scoop	R. White	17207	2 Nov. ..	91	26 Nov.
Egg-packing	A. and F. J. Lawrence	17273	19 Nov. ..	94	10 Dec.*
Electric arc lamp	J. P. Campbell	17404	23 Dec. ..	6	21 Jan., 1904.
Electric furnace	C. G. P. de Laval	17118	16 Oct. ..	87	12 Nov.
Electric furnace	Gysinge Aktiebolag	17125	21 Oct. ..	87	12 Nov.
Electric time service	A. Knox	17210	3 Nov. ..	94	10 Dec.
Electrode	G. J. Atkins	17187	4 Nov. ..	91	26 Nov.
Electrolysis, Production of metals by	E. A. Ashcroft	17181	29 Oct. ..	94	10 Dec.
Electro-magnetic railway-traction	D. W. Balch	15826	5 Jan. ..	94	10 Dec.
Electrostatic magnetic separator	H. M. Sutton, W. L. and E. G. Steele, and W. Folsetter	15830	5 Jan. ..	81	15 Oct.
Elevator. (See Ditch-plough elevator, Hay-stacking elevator.)					
Emulsion, Oil	R. Baxter	17394	17 Dec. ..	2	7 Jan., 1904.*
Engine. (See Direct-acting engine, Steam-engine.)					
Engine-exhaust silencer	B. Crawford	15882	15 Jan. ..	84	29 Oct.
Engine-governor	W. J. M. Harvey	15835	7 Jan. ..	84	29 Oct.
Envelope	J. Miller	17091	5 Oct. ..	94	10 Dec.
Evaporator and concentrator	M. Ekenberg	17320	3 Dec. ..	2	7 Jan., 1904.
Excavating machinery	G. H. Dunlop	17420	29 Dec. ..	6	21 Jan., 1904.
Exhaust. (See Engine-exhaust, Explosion-muffler)					
Expanding horses' hoofs, Means of	A. V. Knapp	17309	1 Dec. ..	94	10 Dec.*
Explosion-muffler for motors, &c.	J. H. Suckling and W. H. Marshall	17055	1 Oct. ..	84	29 Oct.
Explosive charge	P. du Buit	17334	4 Dec. ..	2	7 Jan., 1904.
Extinguisher, Lamp	S. White	17111	15 Oct. ..	91	26 Nov.*
Extract of coffee, Production of	E. Shaw	17131	20 Oct. ..	87	12 Nov.
Fastener. (See Belt-fastener, Button-fastener, Sash-fastener.)					
Fastening. (See Door-handle fastening, Horse rug-fastening, Horse-shoe fastening.)					
Feed-box for horses	J. A. Easton	17398	18 Dec. ..	2	7 Jan., 1904.*
Feeding-apparatus for calves	J. Cook	17369	14 Dec. ..	2	7 Jan., 1904.
Fencing-batten	J. Wright	16774	6 Aug. ..	84	29 Oct.
Fencing-dropper	J. O. McPherson	17109	16 Oct. ..	91	26 Nov.*
Fencing-dropper	J. O. McPherson	17109	16 Oct. ..	2	7 Jan., 1904.
Fencing-dropper	F. R. Vanstone	17258	14 Nov. ..	91	10 Dec.*
Fencing-standard	W. White	17227	19 Oct. ..	..	..
Fencing-standard	J. Wright	17247	3 Nov. ..	91	26 Nov.
Fencing-wires	R. A. Montgomerie	17224	11 Nov. ..	94	10 Dec.
Fertiliser and seed-sower	P. F. A. and J. Robertson	15550	16 Oct., 1902	81	15 Oct.
Filter	A. M. Lewis	17075	7 Oct. ..	84	29 Oct.*
Filter-beds, Distributing liquids over	A. Atkins	17135	23 Oct. ..	91	26 Nov.*
Filtering slime, Apparatus for	G. S. Duncan	17158	29 Oct. ..	91	26 Nov.*
Finger-guide for penholder	D. McKenzie	15817	30 Dec., 1902	81	15 Oct.
Fire-alarm, Actuating	T. F. Dowling	17134	22 Oct. ..	91	26 Nov.*
Fire-escape	D. M. Brooks	15864	13 Jan. ..	84	29 Oct.