

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Nightsoil-receptacle	J. Mitchell and G. George	17524	8 Feb. ..	15	18 Feb.*
Nut-lock	J. J. Macky	17642	5 Mar. ..	28	31 Mar.
Oil. (See Shale-oil.)					
Oil-clothing manufacture	R. A. Bradbury	17452	11 Jan. ..	10	4 Feb.*
Oiling axle	R. L. Suttie	17589	29 Feb. ..	31	14 April.
Oleaginous solution	C. V. Potter	16397	28 May, 1903	6	21 Jan.
Ore-feeder grip driver	W. L. R. Hall	17623	4 Mar. ..	31	14 April.
Ore-treatment	M. Moore and T. J. Heskett	16963	9 Sept., 1903	10	4 Feb.
Ornaments. (See Stucco ornaments.)					
Outrigger for vehicle	F. H. Howard	17518	6 Feb. ..	20	3 Mar.
Oyster-plate	J. W. Scully and J. Anthony	17503	30 Jan. ..	15	18 Feb.*
Packing-case fastening	J. Irvine	17684	22 Mar. ..	31	14 April.
Packing piston-rods	R. Brown and A. Blair	17677	18 Mar. ..	28	31 Mar.
Paint-brush	A. L. Watkins	17454	12 Jan. ..	10	4 Feb.
Paint-mixing solution	C. V. Potter	16397	28 May, 1903	6	21 Jan.
Paper health-shelter	A. W. Bickerton	17522	5 Feb. ..	15	18 Feb.*
Pasteuriser for milk, &c.	W. A. J. Dutch and J. Forsyth	17515	4 Feb. ..	15	18 Feb.
Paving-blocks. Applying tar to	C. M. Newson and M. Coulson	15983	11 Feb., 1903	15	18 Feb.
Paving-blocks	W. Powell	17510	4 Feb. ..	20	3 Mar.
Percussive tool	F. D. Johnson	17567	25 Feb. ..	28	31 Mar.
Photographic negative	F. W. Sears	17656	15 Mar. ..	28	31 Mar.
Pictures, Displaying	O. M. Scholer	17658	11 Mar. ..	31	14 April.
Picture-suspending device	W. E. S. Ramsay and S. McMurray	17480	20 Jan. ..	10	4 Feb.
Pin	C. L. August	17492	20 Jan. ..	20	3 Mar.*
Pin. (See also Hair-pin, Hat-pin, Shaft-coupling pin.)					
Pipe-coupling	F. Albrecht	17594	27 Feb. ..	28	31 Mar.
Piston-rod packing	R. Brown and A. Blair	17677	18 Mar. ..	28	31 Mar.
Pitch-chain and sprocket	G. Davidson	16568	29 June, 1903	20	3 Mar.
Planing-machine	W. C. Gee	17686	22 Mar. ..	28	31 Mar.*
Plate. (See Electric accumulator-plate, Lithographic plate)					
Plate for oysters, &c.	J. W. Scully and J. Anthony	17503	30 Jan. ..	15	18 Feb.*
Plough. (See Disc plough.)					
Plough front-wheel lift	G. T. Booth and W. Brew	17664	16 Mar. ..	28	31 Mar.*
Plough, Potato-	G. W. Remnant	16436	4 June, 1903	25	18 Mar.
Plough-skeith lubricator	G. T. Booth	16445	5 June, 1903	20	3 Mar.
Plough-wheel lift	G. T. Booth and W. Brew	17664	15 Mar. ..	28	31 Mar.*
Pneumatic percussive tool	F. D. Johnson	17567	25 Feb. ..	28	31 Mar.
Pneumatic teat-cups	A. Gillies	17639	9 Mar. ..	28	31 Mar.*
Polish. (See Stove-polish.)					
Post. (See Straining-post.)					
Potato-plough	G. W. Remnant	16436	4 June, 1903	25	18 Mar.
Preserving timber	W. Powell	17510	4 Feb. ..	20	3 Mar.
Preserving timber	R. W. Harvey	17678	18 Mar.
Press. (See Wool-press.)					
Printing-block	F. W. Sears	17685	22 Mar. ..	28	31 Mar.
Printing-machine	T. Cossar	15575	30 Oct., 1902	6	21 Jan.
Printing music	W. E. Naunton and T. C. Palmer	17718	31 Mar. ..	31	14 April.*
Printing on photo. negative	F. W. Sears	17656	15 Mar. ..	28	31 Mar.*
Projectile	C. Soulas	17535	11 Feb. ..	15	18 Feb.*
Propeller, Screw	E. V. Dixon	16278	28 April, 1903	15	18 Feb.
Propelling vessel	W. Mizon	17636	9 Mar. ..	25	18 Mar.*
Protector for boot-sole	F. J. Gane and J. Mitchell	17433	6 Jan. ..	10	4 Feb.*
Protector for cooking-range	E. S. Pike	17544	16 Feb. ..	20	3 Mar.*
Pump	A. J. McPharlin and R. S. Goodison	17575	26 Feb. ..	20	3 Mar.*
Pump, Bicycle-	F. G. Rickard	17432	6 Jan. ..	6	21 Jan.
Pump, Bicycle-	D. Rowe	17701	26 Mar. ..	31	14 April.*
Pump, Spear	A. J. McPharlin and R. S. Goodison	17575	25 Feb. ..	25	18 Mar.*
Race, Sheep-	C. Rask and E. A. Cameron	17731	31 Mar.
Railway-sleeper-grooving machine	C. O. E. Andersson	17481	20 Jan. ..	10	4 Feb.*
Railway wheels and axles	W. S. Cobham	17631	8 Mar. ..	25	18 Mar.*
Rainproof garment	J. V. Wyborn	17703	28 Mar. ..	31	14 April.*
Raking material from sluice-box	G. Dennis, jun.	17519	6 Feb. ..	15	18 Feb.*
Range. (See Cooking-range.)					
Reaping-finger	M. Cooney	17533	9 Feb. ..	15	18 Feb.*
Reaping-machine attachment	T. Davies	17459	11 Jan. ..	10	4 Feb.*
Reaping-machine cutting mechanism	F. Butterick	16431	2 June, 1903	25	18 Mar.
Reservoir. (See High pressure.)					
Revolving heel	J. Jenner	17564	24 Feb. ..	25	18 Mar.
Ridging	C. S. Hawkeswood	17541	11 Feb. ..	20	3 Mar.
Road motor vehicle	W. E. Carmont	17598	2 Mar. ..	28	31 Mar.
Road-sweeper	W. Brierly and G. Fraser	17520	3 Feb. ..	15	18 Feb.*
Road-wheel	J. J. Coakley and A. C. McCallum	17603	2 Mar.
Roadster and gig seat	A. C. Atkin	16051	2 Mar., 1903	6	21 Jan.
Roll. (See Buffing-roll.)					
Roller. (See Flax-stripper roller.)					
Roller-protector for dredge-ladder.	R. R. Douglas	17729	30 Mar. ..	31	14 April.*
Roofing-tile	C. S. Hawkeswood	17541	11 Feb. ..	20	3 Mar.*
Runaway horse, Releasing	A. W. Töpffer	17648	11 Mar. ..	31	14 April.