

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Tread for boot or shoe, Divided	E. Dimant	15101	10 July, 1902	6	23 Jan.
Treating lime	B. Eldred	16137	26 March	29	16 April.*
Trigger. (See Ladder-trigger.)					
Triple valve of Westinghouse brake	W. J. Hopkirk and G. Gilpin	15868	14 Jan.	6	23 Jan.*
Tripping-block	G. Davidson	14558	24 Feb., 1902	13	19 Feb.
Trough for underground cable.	T. E. Devonshire	16134	25 March		
Trouser press and stretcher	A. G. Barton	16078	10 March	25	2 April.*
Trousers, Working-men's	L. Le B. Mount	16165	30 March	29	16 April.*
Trumpet, Ear-	T. W. Messenger	14721	8 April, 1902	6	23 Jan.
Tumbler, Dredge-	T. J. Davys and W. J. Wallace	16145	23 March	29	16 April.*
Tumbler of dredge, Bottom	J. Duncan	15841	8 Jan.	6	23 Jan.*
Tumbler, Protecting bucket-	F. W. Payne	15939	2 Feb.	25	2 April.
Tumbler shaft, Dredge lower-	E. Roberts	16057	3 March	25	2 April.
Turbine motor, Steam-	J. and E. H. Friend	16105	16 March	25	2 April.*
Turbine, Steam-	G. Westinghouse	16017	23 Feb.	18	5 March.
Typewriter-roller	W. H. Stebbing and J. H. Colwill	16093	12 March	25	2 April.*
Umbrella, Sliding ferrule for	J. Coventry	15989	14 Feb.	18	5 March.*
Underground cable, Conduit for	T. E. Devonshire	16134	25 March		
Unidirectional current, Obtaining	J. P. Campbell	15906	27 Jan.	9	5 Feb.
Utilising waste light of shop for advertising	H. Ashworth	16004	20 Feb.	18	5 March.*
Vacuum-pan for distillation	D. R. S. Galbraith	16103	14 March	25	2 April.*
Valve	J. Cook	14880	15 May, 1902	13	19 Feb.
Valve for water-cistern, Ball-	W. A. J. Dutch and C. H. Barton	16102	18 March	25	2 April.
Valve, Hydrant-	R. Le P. Trench	16030	27 Feb.	21	19 March.
Valve of Westinghouse brake, Triple	W. J. Hopkirk and G. Gilpin	15868	14 Jan.	6	23 Jan.*
Valve, Reducing-	M. Lumley	15845	7 Jan.	6	23 Jan.
Vapour-burning apparatus	A. Kitson	15886	19 Jan.	33	30 April.
Vapour-burning apparatus	A. Kitson	15887	19 Jan.	9	5 Feb.
Vapour-burning apparatus	A. Kitson	16040	17 June, 1902	21	19 March.
Variable-speed gearing	W. N. Dumaresq	16088	13 March	25	2 April.
Vehicle-axle oiler	I. Taucher	15956	9 Feb.	13	19 Feb.*
Vehicle-body adjustment	G. Bish	15924	27 Jan.	9	5 Feb.*
Vehicle, Means for preventing horse bolting with	W. Campbell	16072	10 March	21	19 March.
Vehicle, Mechanically propelled	T. W. Barber	16129	21 March	29	16 April.
Vehicle-spring regulator	M. Browne	15890	16 Jan.	9	5 Feb.*
Ventilating halls, &c.	J. D. Kelly, D. P. Fisher, and N. V. G. Wix	14952	4 June, 1902	21	19 March.
Ventilator	W. Craig	14875	10 May, 1902	9	5 Feb.
Vessel for patrol, despatch, &c.	A. N. Whitney	15958	7 Feb.	13	19 Feb.*
Vessel, Raising sunken	D. C. Groves and A. R. Stanton	16096	16 March	25	2 April.*
Wagon, Buffer for tipping-	Sir W. G. Armstrong, Whitworth, and Co. (Limited)	16133	25 March	25	2 April.
Wagon, Driving log-hauling tramway-	J. Shepherd	16124	24 March	25	2 April.*
Wagon or carrier, Bucket	H. W. Lovegrove	14928	24 May, 1902	21	19 March.
Waist-belt, rifle-carrier, and bandolier	E. H. B. Laing and G. W. Clarke	15999	16 Feb.	18	5 March.
Wall-distemper	C. W. B. Scott	15899	23 Jan.	9	5 Feb.
Wall, &c., Dusting, cleaning, &c.	H. H. Henderson	14955	5 June, 1902	18	5 March.
Washer, Self-tightening nut and	T. Hewton	15880	15 Jan.	9	5 Feb.
Washing copper, Combustion-chamber, &c., for	F. J. Newberry and A. Walker	15853	9 Jan.	6	23 Jan.
Washing, &c., fibre	W. Toogood	14715	7 April, 1902	21	19 March.
Washing wool	A. Weaver	15519	14 Oct., 1902	9	5 Feb.
Waste-converter	A. E. Niccolls	16179	31 March	43	28 May.
Water-cistern, Ball-valve for	W. A. J. Dutch and C. H. Barton	16102	18 March	25	2 April.
Water, Composition for rendering brick, &c., impervious to	J. J. Collins and R. D. Harman	14930	29 May, 1902	9	5 Feb.
Water-heating. (See Heating.)					
Water-meter, Toe-piece for	B. Crawford	16032	28 Feb.	21	19 March.*
Waver and curler, Hair	J. D. Smith	15930	29 Jan.	13	19 Feb.*
Waxing-apparatus. (See Thread-waxing apparatus.)					
Wearing-apparel, Making button-holes in	L. G. W. Godden	15883	17 Jan.	9	5 Feb.*
Weather-boarding, Rusticated.	T. Herbert	16005	17 Feb.		
Weed-destroying composition	J. Findlay	16009	18 Feb.	18	5 March.
Weed-destroying composition	T. M. Hickman	16063	6 March	21	19 March.*
Weighing-machine	H. A. and R. V. Danne and J. Donaldson	16000	19 Feb.	18	5 March.
Weight-compensator, &c., for vehicle	M. Browne	15890	16 Jan.	9	5 Feb.*
Westinghouse brake, Triple-valve of	W. J. Hopkirk and G. Gilpin	15868	14 Jan.	6	23 Jan.*
Wharfedale, &c., printing-machine, Paper-folding attachment to	J. M. Twomey	16059	6 March	21	19 March.*
Wheel. (See Grip-wheel.)					
Winch for dredge, Compound	W. Cutten	15857	8 Jan.	6	23 Jan.
Window	R. S. Reid	14867	1 May, 1902	9	5 Feb.
Window-attachment	H. Agar	16045	4 March	21	19 March.
Window-catch	J. T. Young and J. Wren	15839	8 Jan.	6	23 Jan.
Window, &c., Securing	J. D. Tripe	15038	6 Jan.	6	23 Jan.*
Window-sash, Supporting	H. E. M. Gordon	15928	31 Jan.	13	19 Feb.*
Wire bar, Manufacturing compound	R. D. Sanders	14813	1 May, 1902	9	5 Feb.
Wire fence	J. Harris	15831	5 Jan.	6	23 Jan.
Wire rope, Compressor for	E. Seager	15945	5 Feb.	18	19 Feb.*