

ALPHABETICAL LIST OF INVENTIONS—continued.

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Type-casting machine	P. G. Nuernberger and G. Rettig, jun.	21355	26 June ..	68	9 Aug.
Type-casting mould	P. G. Nuernberger and G. Rettig, jun.	21356	26 June ..	68	9 Aug.
Typewriter and printing-type	R. G. A. MacDonald .. .	21502	24 July ..	77	6 Sept.
Umbrella	R. R. Douglas .. .	21234	30 May ..	68	9 Aug.*
Upper. (See Boot-upper.)					
Vacuum apparatus for removing dust from carpets	The Witch Dust-extractor Company, Limited, and W. Griffiths	21662	20 Aug. ..	84	4 Oct.
Vacuum cleaning-apparatus	H. Doyle .. .	21677	22 Aug. ..	84	4 Oct.
Valve. (See Ball-valve, Brake-valve, Steam-valve, Tire-valve, Water-pipe valve.)					
Vapouriser for liquid fuel	A. A. Stephenson .. .	21773	12 Sept. ..	..	..
Vehicle-buffer	P. McKay and J. and D. Gray ..	21436	13 July ..	74	23 Aug.
Vehicle, Locking wheels of	J. W. Compton .. .	19679	5 July, 1905	59	12 July.
Vehicles, Draw-gear for	P. Maher .. .	21755	6 Sept. ..	..	..
Vehicle-speed indicator	J. Tinker .. .	21779	10 Sept. ..	..	..
Vehicle telescopic buffer	P. McKay and J. and D. Gray ..	21436	13 July ..	74	23 Aug.
Vehicle-tire	L. Schmidt .. .	21338	22 June ..	74	23 Aug.
Vending machine, Stamp	A. Parker .. .	21707	28 Aug. ..	..	..
Ventilating compartments	A. J. Park .. .	21568	30 July ..	84	4 Oct.*
Verandah-column	J. Dunbar .. .	19754	11 July, 1905	81	20 Sept.
Vessels, Propelling	E. W. Hart and W. P. Durnall ..	21734	5 Sept. ..	..	..
Vessels, Propelling	T. Beckett .. .	21342	22 June ..	68	9 Aug.*
Vibrating apparatus	C. F. Griffiths .. .	21839	25 Sept. ..	..	..
Wall-hook	P. Pickering .. .	21746	6 Sept. ..	84	4 Oct.
Wall-papers, Pasting and hanging ..	G. E. Partridge and J. McLoughlin	21775	12 Sept. ..	..	..
Washer, Clothes-	E. L. Evens .. .	21508	26 July ..	77	6 Sept.*
Washing-compound	A. Beeby .. .	21813	20 Sept. ..	..	..
Water-cooled chamber	W. Levinson .. .	21748	6 Sept. ..	..	..
Water-filter	R. F. Flood .. .	21438	14 July ..	..	..
Water heater, Bath-	T. J. Watheo .. .	21827	21 Sept. ..	..	..
Water-heater	H. Jane .. .	19969	30 Aug., 1905	77	6 Sept.
Water-heater	W. E. Hughes .. .	21596	8 Aug. ..	81	20 Sept.
Watering holes whilst rock-drilling	A. H. Baker .. .	21684	23 Aug. ..	..	..
Water-pipe valve	P. J. Brown .. .	21412	4 July ..	68	9 Aug.*
Water-proof garments	R. A. Bradbury .. .	21300	13 June ..	68	9 Aug.*
Water-tank constructing	B. E. Smith .. .	21193	25 May ..	64	26 July.*
Weed-plough	A. M. Grainger .. .	19975	1 Sept., 1905	68	9 Aug.
Weeding-implement	E. J. Kee .. .	21440	14 July ..	74	23 Aug.*
Weeds by electricity, Exterminating	C. Reeve .. .	21836	27 Sept. ..	..	..
Weigher, Butter-	S. F. Womersley .. .	21321	13 June ..	68	9 Aug.
Westinghouse brake, Hose of	A. M. Anderson .. .	20840	13 March ..	64	26 July
Wheel-axle	W. Brady and B. T. Chaytor ..	20226	26 Oct., 1905	77	6 Sept.
Wheel-hub, Pneumatic	A. Ashcroft and C. Strachan ..	21466	14 July ..	..	..
Wheel-lock	J. W. Compton .. .	19679	5 July, 1905	59	12 July.
Wheel, Perambulator- &c.	C. J. Ladbrook .. .	21396	2 July ..	68	9 Aug.*
Wheel, Pneumatic centre for	W. M. Jamieson .. .	21370	26 June ..	68	9 Aug.
Wheel. (See Bicycle and motor wheel, Perambulator-wheel, Trolley-wheel.)					
Wheel-tire	A. J. Fortescue .. .	21333	22 June ..	68 81	9 Aug.* 20 Sept.
Wheels, Directing swift current to ..	F. W. Payne .. .	21725	28 Aug. ..	..	..
Window-cleaner	R. J. Burlton-Bennet .. .	21631	11 Aug. ..	84	4 Oct.*
Window-cleaner and linoleum-polisher ..	J. H. Johnston .. .	21672	21 Aug. ..	84	4 Oct.*
Window-fastening	G. G. Holmes .. .	21699	28 Aug. ..	84	4 Oct.
Window-frame, Fastening sash-cord pulley to	R. Perry .. .	20126	4 Oct., 1905	64	26 July.
Window-sash	J. O. Galbally .. .	21380	29 June ..	68	9 Aug.*
Window-sash. (See also Sash.)					
Winnowing and seed-grading apparatus	C. R. Rogers .. .	21738	5 Sept. ..	..	..
Wire-coiler	E. Hayes .. .	21694	27 Aug. ..	..	..
Wire-fastener	F. A. Lakin .. .	21246	31 May ..	74	23 Aug.
Wire-fastener	F. A. Lakin .. .	21626	13 Aug. ..	81	20 Sept.
Wire-grip	R. Pierce .. .	21638	15 Aug. ..	81	20 Sept.
Wire mattress	J. Whitehouse .. .	21539	31 July ..	..	..
Wire-reel	T. Keats .. .	21759	10 Sept. ..	..	..
Wire-strainer	E. H. Browne .. .	21541	31 July ..	84	4 Oct.
Wire-strainer	G. Coates .. .	21733	5 Sept. ..	..	..
Wire-strainer	J. Rennie .. .	20897	20 March ..	74	23 Aug.
Wire-strainer	T. F. Locke and E. W. Duncombe	21160	17 May ..	77	6 Sept.
Wire stretcher and splicer	H. F. Bonesteel and R. B. Rutherford	21798	18 Sept. ..	..	..
Wood-clamp	W. Jamieson .. .	21298	13 June ..	68	9 Aug.
Wool-bale, Ascertaining temperature of	E. H. A. Lambert .. .	21654	20 Aug. ..	81	20 Sept.*
Wool cargoes, Reducing risk of fires in	J. D. McLaurin .. .	21695	28 Aug. ..	..	..
Wool, Cleaning and dyeing	T. A. S. Wood .. .	21742	5 Sept. ..	..	..
Wool fabrics, Cleaning and dyeing ..	M. Nicholas .. .	21555	1 Aug. ..	64	4 Oct.
Wrench	E. A. Barnes .. .	21267	7 June ..	84	26 July.
Writing-paper advertising medium ..	P. J. Gossling .. .	21376	26 June ..	81	20 Sept.