

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Vehicle and pulley wheels .. ..	T. Gare .. ..	17989	1 June ..	59	7 July.
Vehicle-bearings .. ..	E. and C. Johanson .. ..	17925	19 May ..	49	9 June.
Vehicle draw-bar attachment .. ..	G. S. Stevenson .. ..	16458	9 June, 1903	36	28 April.
Vehicle, Safety-appliance for .. ..	J. Meek .. ..	17755	7 April ..	36	28 April.*
Venetian-blind .. ..	G. M. Scott .. ..	18103	28 June ..	59	7 July.*
Vents of tins or cans .. ..	G. W. Berry .. ..	18048	16 June ..	54	23 June.*
Vermin-destruction compound .. ..	H. H. Patterson and J. R. Stevenson .. ..	17779	14 April ..	42	12 May.
Vibratile or massage apparatus .. ..	J. H. King .. ..	17895	11 May ..	49	9 June.
Voltage of alternating current, Varying .. ..	W. E. Hughes .. ..	17872	4 May ..	49	9 June.
Voltage of electric generator, Controlling .. ..	Electric and Train-lighting Syndicate, Limited .. ..	17953	25 May ..	..	..
Vote-recorder .. ..	F. W. Paterson .. ..	17915	14 May ..	45	26 May.*
Voting-register .. ..	W. Dall .. ..	18111	30 June ..	62	21 July.*
Wagon. (See Tip-wagon, Dumping and spreading wagon.)					
Wall-bracket .. ..	H. F. Lattey and W. G. Somerville .. ..	16564	26 June, 1903	36	28 April.
Walls, Construction of .. ..	P. R. Hudson .. ..	17881	7 May ..	45	26 May.*
Wardrobe .. ..	S. W. Bonsall .. ..	17950	25 May ..	54	23 June.
Washer to prevent nut working loose .. ..	J. Penrose and W. Osborn .. ..	17883	6 May ..	49	9 June.*
Washing and dressing fibre .. ..	A. L. J. Tait .. ..	17683	22 Mar. ..	36	28 April.
Washing and scraping flax .. ..	C. E. E. Smith .. ..	17973	27 May ..	49	9 June.*
Washing-machine .. ..	J. Arnold .. ..	18029	13 June ..	62	21 July.
Washing-machine .. ..	C. Butler .. ..	17338	3 Dec., 1903	54	23 June.
Washing-machine .. ..	R. F. Marsh .. ..	17988	1 June ..	..	..
Wash-up mop .. ..	H. J. Gentles .. ..	16859	26 Aug., 1903	54	23 June.
Water, Apparatus for pumping .. ..	A. E. and H. G. Bradley .. ..	18102	30 June ..	..	..
Water-closet flush .. ..	T. W. May .. ..	16600	8 July, 1903	45	26 May.
Water-closet flush .. ..	T. W. May .. ..	17944	19 May ..	49	9 June.*
Water, Conveying, to dredge .. ..	W. Sasse .. ..	17902	9 May ..	49	9 June.*
Water gas, Making producer and .. ..	E. S. Baldwin and H. H. Rayward .. ..	17961	26 May ..	..	..
Waterproof coat .. ..	S. Weingott and Sons, Limited .. ..	18030	13 June ..	54	23 June.*
Waterproof dubbin .. ..	A. Morris .. ..	17830	25 April ..	45	26 May.*
Water, Putting down concrete beneath .. ..	J. Davies .. ..	18058	18 June ..	59	7 July.*
Water-race plough .. ..	W. H. Clement .. ..	18069	20 June ..	59	7 July.*
Water-scutching attachment .. ..	H. Seifert .. ..	17819	20 April ..	42	12 May.*
Water-tube furnace for steam-boiler .. ..	J. M. Harding .. ..	17700	23 Mar. ..	36	28 April.*
Water-wheel .. ..	G. S. Stevenson .. ..	17993	31 May ..	54	23 June.*
Wax-pots, Heating .. ..	United Shoe Machinery Company .. ..	18039	15 June ..	62	21 July.
Weatherboards, Substitution of steel and iron for .. ..	J. Campbell .. ..	17985	30 May ..	..	..
Weed-eradicator .. ..	W. A. P. Sutton .. ..	17995	1 June ..	54	23 June.*
Weeds. (See Noxious.)					
Weigher. (See Milk-weigher.)					
Wheel-jack .. ..	D. Dunn .. ..	18061	21 June ..	..	..
Wheel. (See Water-wheel, Road-wheel, Vehicle and pulley wheels.)					
Whipple-tree, Attaching traces to .. ..	J. Morgan .. ..	18067	21 June ..	59	7 July.*
Wick, Lamp .. ..	H. G. James .. ..	18037	15 June ..	54	23 June.*
Window-fastener .. ..	P. Gavin .. ..	16545	22 June, 1903	42	12 May.
Window-furniture .. ..	A. S. Coronel .. ..	17383	17 Dec., 1903	36	28 April.
Window, Jig-saw machine for cutting pockets in pulley-styles of .. ..	H. Harrison .. ..	17939	21 May ..	49	9 June.*
Window-lock .. ..	A. Parker .. ..	17955	25 May ..	49	9 June.*
Window-sash balance .. ..	A. G. Jackson .. ..	18062	16 June ..	..	..
Window-sash, Balancing .. ..	J. Petrie .. ..	18092	28 June ..	59	7 July.*
Window-sash, Draught and dust excluder for .. ..	A. Parker .. ..	17956	25 May ..	49	9 June.*
Window-sash hanger .. ..	A. Mole .. ..	17715	31 Mar. ..	54	23 June.
Window-sash lift .. ..	J. Penrose and W. Osborn .. ..	17883	6 May ..	49	9 June.*
Window-sash, Means for sustaining .. ..	L. B. Horrocks .. ..	17774	13 April ..	42	12 May.*
Window-sash, Raising, lowering, and retaining .. ..	C. A. Bergersen .. ..	17104	15 Oct., 1903	59	7 July.
Wire-coiler .. ..	R. and F. Fenwick .. ..	16830	21 Aug., 1903	45	26 May.
Wire-fence dropper .. ..	G. Powell .. ..	17764	11 April ..	42	12 May.
Wire-fence dropper .. ..	A. Georgetti .. ..	17772	13 April ..	36	28 April.*
Wire mattress .. ..	D. McKenzie .. ..	17931	17 May ..	49	9 June.*
Wire-mattress holder .. ..	N. Hill .. ..	17635	5 Mar. ..	36	28 April.*
Wire strainer, winder, and fixer .. ..	J. B. R. Davidson and J. W. Borland .. ..	17877	6 May ..	45	26 May.*
Wolseley machine-shears .. ..	J. Howard .. ..	17836	27 April ..	45	26 May.
Wool-scouring apparatus .. ..	A. Weaver .. ..	17746	8 April ..	42	12 May.
Wrench. (See Monkey-wrench, Nut-wrench.)					
Yeast, Production of .. ..	N. H. Claussen .. ..	17771	13 April ..	42	12 May.
Zinc and lead, Extracting, from their sulphides .. ..	A. H. Imbert .. ..	18112	30 June ..	..	..