

ALPHABETICAL LIST OF INVENTIONS—*continued.*

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Elevator for threshing-machine ..	A. Werner ..	19286	1 April ..	38	20 April.*
Embocation for horses ..	W. G. Grave and A. Tiddy ..	19429	2 May ..	..	..
Engine. (See Internal-combustion engine, Locomotive-engine, Oil-engine, Turbine-engine.)					
Engine-tractor ..	J. Macalister ..	18073	17 June, 1904	38	20 April.
Engines, Vaporiser for ..	R. J. Scott ..	19230	31 March ..	42	4 May.
Envelope-fastening ..	J. R. Park ..	19638	27 June ..	..	..
Envelope, Safety- ..	R. Coghill ..	19001	24 Jan. ..	42	4 May.
Envelope, Transparent-paper ..	J. R. Park ..	19637	27 June ..	..	..
Explosion-motor for cycle ..	M. Rutty ..	18802	29 Nov., 1904	61	29 June.
Fastener. (See Belt-fastener, Handle-fastener, Mail-bag fastener, Window-fastener.)					
Fastening. (See Animal-cover fastening, Brooch-fastening, Bottle-fastening, Envelope-fastening.)					
Fatty matter from wool, Recovering ..	R. F. Barker ..	19565	7 June ..	57	15 June.*
Feeder for calves and lambs ..	A. J. Buckland ..	19376	20 April ..	46	18 May.*
Feeding-trough for animals ..	R. H. Carter ..	19434	5 May ..	46	18 May.*
Fencing-standard ..	W. E. Chamberlain ..	18316	15 Aug., 1904	57	15 June.
Fermentation, Production of lactic ..	J. A. Gilruth ..	17940	23 May, 1904	38	20 April.
Fibre-cleaning machine ..	W. Youlten ..	18065	21 June, 1904	38	20 April.
Fibre-deflector ..	J. A. Burt ..	19529	27 May ..	61	29 June.*
Fibre. (See also Flax.)					
Filter ..	W. Cowern ..	18985	24 Jan. ..	57	15 June.
Filter-beds, Discharging effluent from ..	R. Harvey ..	19011	31 Jan. ..	38	20 April.
Filter-press ..	A. E. Davis ..	19628	26 ⁷ June ..	..	..
Filter, Pressure ..	C. W. Merrill ..	19337	12 April ..	42	4 May.*
Fire-bridge and smoke-consumer ..	C. J. Johnson and J. Carlaw ..	19573	6 June ..	57	15 June.*
Fire-escape ..	The Empire Inventions Company, Limited ..	19563	7 June ..	67	13 July.
Fire-grate, Cinder-grid for ..	G. F. Newman ..	19544	2 June ..	57	15 June.*
Fire-screen ..	H. Buckland ..	19310	6 April ..	53	1 June.*
Fire-tongs, Spring ..	F. W. Grocke ..	18305	11 Aug., 1904	46	18 May.
Flashlight apparatus ..	H. Quertier and C. C. Armstrong ..	18257	1 Aug., 1904	57	15 June.
Flashlight powder ..	C. C. Armstrong and H. Quertier ..	18258	1 Aug., 1904	61	29 June.
Flax catching and delivering machine ..	C. E. E. Smith ..	19348	14 April ..	46	18 May.
Flax drying and bleaching ..	M. H. Wynyard ..	19536	29 May ..	57	15 June.*
Flax, Drying and cleaning ..	C. E. E. Smith ..	19388	25 April ..	53	1 June.
Flax drying, Preventing entanglement of fibres in ..	M. H. Wynyard ..	19535	29 May ..	57	15 June.*
Flax-stripper ..	J. Dunbar ..	19652	26 June ..	..	..
Flax-treatment ..	A. L. J. Tait ..	18601	17 Oct., 1904	42	4 May.
Flax-treatment ..	H. D. Mackenzie ..	19359	18 April ..	46	18 May.*
Flax-treatment ..	K. Matthews ..	19500	17 May ..	61	29 June.*
Flax-treatment ..	E. B. Toomath ..	19410	1 May ..	46	18 May.*
Flax-washer ..	J. Pomeroy ..	19460	9 May ..	..	..
Flax washer and scraper ..	C. E. E. Smith ..	17973	27 May, 1904	38	20 April.
Flax-washer and scraper ..	C. E. E. Smith ..	19360	18 April ..	46	18 May.
Flax-washing ..	C. Suttie ..	19625	22 June ..	67	13 July.*
Fleshing-machine ..	A. Thomson ..	19285	1 April ..	38	20 April.*
Fluid-compression ..	G. T. Voorhees ..	19304	5 April ..	42	4 May.*
Food for infants, Preparing ..	A. Johnstone ..	19401	26 April ..	46	18 May.*
Foot-support for use in bed ..	F. McPhee ..	19302	5 April ..	42	4 May.
Fork, Toasting- ..	C. M. Wall ..	19431	3 May ..	53	1 June.*
Fruit product, Preserved ..	D. F. Sherman ..	19640	27 June ..	..	..
Fuel-economizer and smoke-preventer ..	E. Richardson ..	19570	7 June ..	57	15 June.*
Fuel-economizer and smoke-consumer ..	C. J. Johnson and J. Carlaw ..	19291	1 April ..	38	20 April.*
Fuel-economizer and smoke-consumer ..	C. J. Johnson and J. Carlaw ..	19573	6 June ..	57	15 June.*
Furnace, Tire- ..	H. F. Mander ..	19314	7 April ..	42	4 May.*
Galvanising and tinning wire ..	G. A. Goodson ..	18962	9 June, 1904†	38	20 April.
Game apparatus, Table-curling ..	S. White ..	19582	7 June ..	61	29 June.*
Game. (See Parlour-game, Race-game, Table-golf.)					
Gas-holder for limelight purposes ..	R. Newman ..	19619	20 June ..	..	..
Gas-making apparatus ..	Leede Process Company ..	19373	18 April ..	57	15 June.
Gas, Manufacture of ..	H. S. Elworthy ..	19630	27 June ..	..	..
Gas, Manufacture of ..	H. S. Elworthy ..	19631	27 June ..	..	..
Gas-pendant, Heating-attachment for ..	J. Watt ..	19585	5 June ..	..	..
Gas. (See also Acetylene-gas, Hydrocarbon-gas, Producer and water-gas.)					
Gear. (See Bevel-gear, Reversing-gear.)					
Generator. (See Acetylene generator, Hydrocarbon-gas generator.)					
Ginning and burring machine ..	W. Youlten ..	18065	21 June, 1904	38	20 April.
Globe-carrier and mantle ..	H. Sandlant ..	19327	8 April ..	46	18 May.*
Gold-extraction ..	F. W. Dupré ..	19646	28 June ..	..	..
Gold from sea-water, Extracting ..	A. Argles ..	19448	10 May ..	46	18 May.*
Gold-saving apparatus ..	A. S. Ford ..	19278	31 March ..	38	20 April.*