

ALPHABETICAL LIST OF INVENTIONS—continued.

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Rifle range	A. Whitney	21909	13 Oct., 1906	72	8 Aug.
Rifle, Teaching use of	G. E. Forward and W. J. Bird	23273	8 Aug. ..	83	19 Sept.*
Ripple. (See Gold-saving ripple.)					
Riveter	J. K. Anderson	23315	19 Aug. ..	88	3 Oct.*
Road-cart gig	R. F. Sorenson	23473	10 Sept. ..	91	17 Oct.*
Road-sweeper and automatic loader	J. J. Smith	21612	9 Aug., 1906	75	22 Aug.
Road sweeper and cleaner	W. F. Dugins	21873	4 Oct., 1906	79	5 Sept.
Roaster. (See Clay-roaster.)					
Rock-cutting machine	Konomax Rock-drill Syndicate, Limited	23468	13 Sept. ..	..	..
Rock-drill chuck	E. S. Baldwin and H. H. Rayward	23280	9 Aug. ..	79	5 Sept.*
Rock-drill dust-escapement	A. C. Bartlett	23349	22 Aug. ..	88	3 Oct.
Rock-drill and water-spray	Konomax Rock-drill Syndicate, Limited	23466	13 Sept. ..	..	..
Rock-drill, Fluid actuated	Konomax Rock-drill Syndicate, Limited	23467	13 Sept. ..	..	..
Rocking-horse tricycle	G. Barrett	23285	12 Aug. ..	79	5 Sept.*
Roller-tug for harness	W. H. Patterson and G. B. Jones	21745	1 Sept., 1906	65	25 July.
Roofing-nail	J. Howe	23324	21 Aug. ..	83	19 Sept.*
Roofing. (See Glass roofing.)					
Rope. (See Wire hauling-rope.)					
Rotary mixing-machine	T. L. Smith	23108	10 July ..	75	22 Aug.
Rotary engine	H. Lee	23194	25 July ..	..	..
Rotary engine	J. Gill	23233	31 July ..	79	5 Sept.
Rotary mixing-machine	T. L. Smith	23109	10 July ..	75	22 Aug.
Rotary motion, Clutching device for communicating	F. Bailey and F. H. Jackson	22313	15 Jan. ..	62	11 July.
Rotary steam-engine	J. E. Friend	23173	22 July ..	79	5 Sept.
Rubber footwear	G. E. Smith	22902	28 May ..	75	22 Aug.
Rug. (See Horse and cattle rug.)					
Ruler	J. C. Macmichael	23271	7 Aug. ..	88	3 Oct.
Rust-preventing in tin vessels and tanks	Aktieselskabet Burmeister and Wains, Maskin-og Skibsbyggeri	23102	6 July ..	75	22 Aug.
Saddle	E. Frost	23148	18 July ..	72	8 Aug.*
Saddle-cover	G. J. Clegg	22992	15 June ..	72	8 Aug.
Safe-door	C. Henry	23255	2 Aug. ..	83	19 Sept.*
Sales-book, Manifolding	National Cash Register Company	23377	28 Aug. ..	91	17 Oct.
Sash-balance	J. Néren and Rhedin Goldkuhl and Co.	22875	22 May ..	65	25 July.
Sash-fastener	D. Mulcahy	22937	4 June ..	83	19 Sept.
Sash. (See Window-sash.)					
Saucepan-cleaner	W. A. Johnston	23459	12 Sept. ..	91	17 Oct.*
Scaffold and ladder bracket	G. and J. Bowers	23286	12 Aug. ..	..	..
Scaffold-fastening	T. B. Murray	23264	5 Aug. ..	83	19 Sept.
Scaffolding	Humphries Patent Bracket and Scaffolding Company, Limited	23115	10 July ..	72	8 Aug.*
Scaffolding bracket and hook	A. Lawton	23071	5 July ..	72	8 Aug.
Scaffolding-bracket	L. Pickering	23330	21 Aug. ..	79	5 Sept.*
Scaffolding-support	R. G. Crichton	23218	29 July ..	75	22 Aug.*
Scraper. (See Boot-scraper.)					
Screen. (See Gravel-screen.)					
Screw-propeller	L. F. J. N. de Farelle	23524	27 Sept. ..	91	17 Oct.*
Scutcher. (See Flax-scutcher.)					
Sea-bed, Obtaining gold from	D. Brigham and G. Rainey	23098	8 July, 1907	72	8 Aug.*
Sea-waves, Utilising movement of	A. Ravelli	23514	24 Sept. ..	..	..
Seal. (See Bottle-seal.)					
Seed-box	G. Hutchinson	23211	26 July ..	75	22 Aug.*
Seed-broadcaster	B. F. Cranwell	23398	29 Aug. ..	88	3 Oct.*
Seed-sower	A. Storrie	23030	19 June ..	72	8 Aug.
Seed-sower	J. W. Compton	23077	3 July ..	72	8 Aug.*
Sewage system and apparatus	I. Shone and E. Ault	23294	14 Aug. ..	..	..
Sewerage system	J. F., and W. P. Liernur	23023	22 June ..	72	8 Aug.
Sewing-machine	J. L. Ohlson	23416	4 Sept. ..	..	..
Sewing-machine	United Shoe Machinery Company	22059	15 Nov., 1906	79	5 Sept.
Sewing-machine, Inseam	United Shoe Machinery Company	22058	15 Nov., 1906	79	5 Sept.
Shaft-stop for vehicles	C. H. Tisch	23240	1 Aug. ..	..	..
Shaft-tug	J. P. Horner	21608	9 Aug., 1906	65	25 July.
Shearing. (See Sheep-shearing.)					
Sheep-counting machine	G. Carrington	23164	19 July ..	72	8 Aug.*
Sheep-marking device	A. Billens	23136	15 July ..	79	5 Sept.
Sheep-shearing machine	W. F. Crawford	23389	27 Aug. ..	83	19 Sept.*
Sheeting. (See Weather-sheeting.)					
Sheet-iron for building	W. Katene	22544	4 March ..	62	11 July.*
Sheet-metal laths. (See Laths.)					
Shield. (See Egg-shield.)					
Ship's-course indicator. (See Vessel.)					
Shirt-cuff fastener and protector	E. G. Langton	23528	27 Sept. ..	..	..
Shoe. (See Boot.)					
Shoe upper and sole, Assembling	Manufacturers' Machine Company	23304	15 Aug. ..	83	19 Sept.*
Shooting-gallery apparatus	I. Sutherland	23300	15 Aug. ..	88	3 Oct.