

ALPHABETICAL LIST OF INVENTIONS—continued.

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Revolver	A. Gardiner	21247	29 May ..	64	26 July.*
Riding-machine	J. Macalister	19869	5 Aug., 1905	59	12 July.
Rifle-sight	F. A. Hill	21435	9 July ..	..	..
Road-forming machine	O. Paora	21624	8 Aug. ..	..	..
Road-sweeper and loader	J. J. Smith	21612	9 Aug. ..	77	6 Sept.*
Rock-cutter	F. Lobintz	21564	2 Aug. ..	81	20 Sept.
Rock-drill	E. J. Rigby	19852	8 Aug., 1905	64	26 July.
Rock-drill	J. B. Marshall	21740	5 Sept. ..	..	..
Rock-drill	T. Warsop	21448	16 July ..	..	..
Rock-drilling, Watering holes whilst	A. H. Baker	21684	23 Aug. ..	..	..
Roofing, Fastening and joining	W. Baldwin	21716	29 Aug. ..	..	..
Roofing-tile	A. W. Jaggars	21751	5 Sept. ..	..	..
Rope-block	J. Mason, T. Brydone, and G. Armstrong	20013	7 Sept., 1905	81	20 Sept.
Rope-grip	R. Wales	20202	17 Oct., 1905	77	6 Sept.
Rotary copying-press	C. E. Adamson	21450	16 July ..	77	6 Sept.
Rotary engine	E. C. Powell, C. McArthur, and F. Smith	21671	21 Aug. ..	..	..
Rotary engine	J. Gill	21698	28 Aug. ..	..	..
Rotary motor	K. de L. Cudmore	20851	14 March ..	59	12 July.
Roundabout	I. Sutherland	20501	28 Dec., 1905	59	12 July.
Rubbish from kauri-gum, Separating	W. H. Wharfe	21676	18 Aug. ..	84	4 Oct.*
Rule, Printer's perforating-	K. C. McCaul and G. S. Rait	21585	6 Aug. ..	74	23 Aug.*
Ruler and blotting-pad	J. Jamison	21503	21 July ..	74	23 Aug.*
Safety catch for firearm-lock	J. J. Macky	21598	4 Aug. ..	84	4 Oct.*
Safety pin	T. Goodall	21622	11 Aug. ..	81	20 Sept.*
Sash balance and lock	G. Westmoreland, J. F. Pattie, and E. D. Hewetson	21249	1 June ..	64	26 July.*
Sash-fastener	A. G. Howland	21584	6 Aug. ..	77	6 Sept.*
Sash-fastener	T. P. Quinn and J. E. T. McEwen	21477	19 July ..	74	23 Aug.
Sash-hanger	A. Mole	21557	1 Aug. ..	81	20 Sept.
Sash mover and lock	A. R. Hardy	21484	18 July ..	74	23 Aug.*
Sash. (See also Window-sash.) .. .. .	.. .. .	..	..	..	..
Saw-bench reversing gear	E. M. Edkins	20121	2 Oct., 1905	74	23 Aug.
Scaffold-bracket	P. Pickering	21501	24 July ..	81	20 Sept.*
Scaffolding	K. A. Olsen	20153	5 Oct., 1905	74	23 Aug.
Scaffolding-bracket	G. E. Humphries	20002	9 Sept., 1905	59	12 July.
Scaffolding-bracket hanger	C. Lucas	21261	6 June ..	64	26 July.*
Scaffolding, Cramp for fastening	W. H. Bowser	20185	17 Oct., 1905	74	23 Aug.
Screening and washing-machine	C. B. C. Storey	21551	1 Aug. ..	81	20 Sept.
Screw, Self-countersinking	S. Hanham	21825	22 Sept. ..	..	..
Sealing punctures in pneumatic tires	T. H. B. Gayner	20669	1 Feb. ..	59	12 July.
Sealing receptacles hermetically	I. W. and A. C. Cadle	21240	31 May ..	74	23 Aug.
Sediment-trap strainer	A. McDonald	20256	28 Oct., 1905	77	6 Sept.
Seed grading and winnowing apparatus	C. R. Rogers	21738	5 Sept. ..	..	..
Seed-planting tool	P. E. Barker	21434	12 July ..	..	..
Seed-sower	D. H. Bird	21544	1 Aug. ..	..	..
Seed-sower	G. Gray	21344	22 June ..	68	9 Aug.*
Separator. (See Liquid-separator, Mercury-separator, Material-separator.) .. .. .	.. .. .	..	..	..	..
Septic-tank and filter-bed	W. M. Ross	21641	16 Aug. ..	81	20 Sept.*
Sewage system	V. Bordigoni	21125	8 May ..	74	23 Aug.
Sewer and drain inlet	R. O. Clark	21488	19 July ..	77	6 Sept.*
Sewing-machine	E. Oliver	21347	25 June ..	68	9 Aug.*
Shaft, Gear for revolving	G. P. Innes	21563	2 Aug. ..	74	23 Aug.*
Shaft-tug	J. P. Horner	21608	9 Aug. ..	81	20 Sept.*
Sheaf-carrier for threshing-machine	A. H. and D. J. Byron	21660	20 Aug. ..	..	..
Shearing-machine	C. Tandy	21403	6 July ..	74	23 Aug.
Shearing-machine motor	K. de L. Cudmore	20851	14 March ..	59	12 July.
Shears, Non-slipping	W. Morton	21847	27 Sept. ..	..	..
Shears, Spring	J. Hoare	21537	31 July ..	77	6 Sept.*
Sheath for axes, &c., sling	J. S. McPherson	21426	11 July ..	77	6 Sept.*
Sheep-dipping apparatus	A. M. Grainger	21521	24 July ..	81	20 Sept.*
Sheep-paunches, Cutting and washing	D. Urquhart and C. Sloper	21311	14 June ..	64	26 July.*
Sheep-shearing machine	A. Cowell	19546	7 June ..	74	23 Aug.
Sheep-shears	J. and E. McGregor and C. G. Ross	20347	22 Nov., 1905	59	12 July.
Sheep-shears	W. Moore	21723	31 Aug. ..	84	4 Oct.*
Sheller, Green pea-	E. McClelland	21151	16 May ..	64	26 July.
Ships' hull	T. Mitchell	21543	31 July ..	..	..
Ships, Steering	J. Rae	21260	9 Aug. ..	68	9 Aug.
Shoe	H. C. Welch	20135	5 Oct., 1905	59	12 July.
Shoe	S. Smith	19980	18 Sept., 1905	81	20 Sept.
Shoe. (See Boot or shoe.) .. .. .	.. .. .	..	..	..	..
Shot machinery	W. H. Pearson	21506	23 July ..	77	6 Sept.
Shovel. (See Coal-shovel.) .. .. .	.. .. .	..	..	..	..
Show-case for pictures	R. Martin	21407	6 July ..	68	9 Aug.
Sighting-apparatus	C. Craig	20044	16 Sept., 1905	64	26 July.
Sink-pipes, Prevention of clogging in	A. H. Brookes and E. Broughton	21390	29 June ..	68	9 Aug.*
Skating, Ice floor for	H. N. Reid	21607	9 Aug. ..	77	6 Sept.*
Skirt-holder	M. W. Winter	21307	14 June ..	68	9 Aug.*
Skiving-machine	United Shoe Machinery Company	21833	27 Sept. ..	..	..
Slasher. (See Hedge-slasher.) .. .. .	.. .. .	..	..	..	..
Sleeve-links	J. Galt	21248	1 June ..	64	26 July.*
Slimes-filter	F. C. Brown	20298	8 Nov., 1905	77	6 Sept.