

ALPHABETICAL LIST OF APPLICANTS FOR LETTERS PATENT—continued.

Name, Address, and Invention.	Application.		Gazette.	
	No.	Date.	No.	Date.
Williams, A., and another, Wimbledon, Eng. (See W. E. Hughes, No. 16076.)				
Williams, J. L., North Melbourne, Vic. Flushing latrine ..	16164	30 Dec., 1902..	37	14 May.
Williams, R., East Taieri, N.Z. Brand for carcasses, &c. ..	16182	1 April ..	29	16 April.*
Wilson, A., South Dunedin, N.Z. Hair-pin ..	16271	23 April ..	37	14 May.*
Wilson, J. F., and another, Invercargill, N.Z. Spring-hook for luggage-label ..	16217	4 May ..	43	28 May.
Winchester Repeating Arms Company, New Haven, U.S.A. Fire-arms. (T. C. Johnson)	16339	13 May ..	47	11 June.
Woltereck, H. C., London, Eng. Manufacture of hydro-cyanic acid ..	16535	24 June ..	60	23 July.
Woltereck, H. C., London, Eng. Production of ammonia by synthesis ..	16427	2 June ..	47	11 June.
Wood, A., Glebe, N.S.W. Shears, scissors, &c. ..	16526	19 June ..	60	23 July.
Worsnop, J., Auckland, N.Z. Hose-pipe coupling ..	16412	27 May ..	47	11 June.*
Wren, J., Invercargill, N.Z. Screw ..	16380	22 May ..	47	11 June.*
Wycherley, C. W., and another, Palmerston North and Wellington, N.Z. Legging-fastening ..	16279	29 April ..	37	14 May.*
Wycherley, H. S., and another, Palmerston North and Wellington, N.Z. Legging-fastening ..	16279	29 April ..	43	28 May.
Wylds, A. H., Palmerston North, N.Z. Sash holder and lock ..	16276	29 April ..	37	14 May.*
Young, C. E., and another, Eltham, N.Z. Cow-teat probe ..	15964	10 Feb. ..	33	30 April.

K.—ALPHABETICAL LIST OF INVENTIONS FOR QUARTER ENDING 30TH JUNE, 1903.

* Denotes a provisional specification. † Denotes a prior date under section 106 of "The Patents, Designs, and Trade Marks Act, 1889."

Invention.	Name.	Application.		Gazette.	
		No.	Date.	No.	Date.
Acetylene-generator ..	R. L. H. Murray ..	16221	7 April ..	33	30 April.
Acetylene-generator, Carbide feeder for ..	W. Webster ..	15752	10 Dec., 1902	37	14 May.
Acetylene-generator and lamp ..	H. Baumgarten ..	16506	17 June ..	57	9 July.
Advertising ..	H. D. Turner ..	16344	13 May ..	43	28 May.*
Agricultural motor-tractor ..	Ivel Agricultural Motors, Limited ..	16341	13 May ..	43	28 May.
Agricultural pick ..	A. V. Challier ..	16563	25 June ..	60	23 July.
Air-exhausting apparatus ..	Vacuum Tin Syndicate, Limited ..	16180	3 April ..	29	16 April.
Alternating-current electrical apparatus ..	J. P. Campbell ..	16233	16 April ..	33	30 April.
Amalgamating apparatus ..	T. Cubbins and W. Preston ..	16513	18 June ..	57	9 July.
Ammonia-production by synthesis ..	H. C. Woltereck ..	16427	2 June ..	47	11 June.
Anaesthetic-inhaler ..	H. Gunthorp ..	16508	15 June ..	57	9 July.*
Animal-rug fastener ..	J. Oaten ..	16369	13 May ..	47	11 June.
Animal-trap ..	J. Campbell ..	15370	9 Sept., 1902	47	11 June.
Animal-trap ..	L. Gaitt ..	16518	17 June ..	57	9 July.*
Animal-trap ..	T. Goodall ..	16246	15 April ..	33	30 April.*
Animal-trap ..	C. N. Scurr ..	16306	2 May ..	37	14 May.*
Arm-adjustment for mitre-cutting frame ..	L. P. Ford ..	16166	2 April ..	33	30 April.
Artificial stone brick ..	G. Stevenson ..	16188	4 April ..	29	16 April.*
Auger, Earth- ..	E. T. Cox ..	16398	28 May ..	47	11 June.*
Auger, Wood-boring ..					
Bag, Saddle tool- ..	A. Gray ..	15266	15 Aug., 1902	43	28 May.
Bag, Shoulder-strap for school-, &c. ..	G. Goosman ..	15196	28 July, 1902	37	14 May.
Balancing window-sash ..	C. L. Stokes ..	16237	16 April ..	33	30 April.*
Balls. (See Golf-balls.)					
Band for garment ..	R. Glendining ..	16272	22 April ..	37	14 May.*
Basin, Wash-hand ..	F. W. Gordon ..	16293	27 April ..	37	14 May.
Bath. (See Electric bath.)					
Bearing, Skeleton- ..	M. Wagner ..	16395	28 May ..	57	9 July.
Bedstead ..	H. C. Brown ..	16481	12 June ..	50	25 June.*
Bedstead ..	A. E. Phillimore ..	15226	7 Aug., 1902	37	14 May.
Belt-driving motor-cycles, Gear for ..	D. W. McLean ..	16477	11 June ..	50	25 June.*
Belt, Electro-medical ..	W. C. Crump ..	16476	11 June ..	..	..
Bicycle-brake apparatus and tire-inflator ..	H. J. Bettany ..	16327	11 May ..	43	28 May.*
Bicycle chain-drive, Motor- ..	G. Porter ..	16195	6 April ..	33	30 April.*
Bicycle-locking device ..	R. Congreve ..	16186	4 April ..	29	16 April.*
Bicycle, Rear-hub sprocket for ..	G. Percival ..	16435	4 June ..	60	23 July.
Bicycle-trolley, Railway ..	J. Kelly ..	16216	7 April ..	33	30 April.*
Bicycle-wheel lock ..	L. S. H. Hutton ..	16251	18 April ..	37	14 May.*
Billiard and dining table, Convertible ..	H. U. Alcock ..	15259	12 Aug., 1902	43	28 May.
Billiard table and settee, Convertible ..	H. U. Alcock ..	15373	6 Sept., 1902	50	25 June.
Binder, Book and music ..	J. Foster ..	16329	8 May ..	43	28 May.
Binder, Music-, &c. ..	J. Foster ..	16263	18 April ..	..	..
Binder, Paint-brush ..	C. Sawyer ..	15319	28 Aug., 1902	33	30 April.
Bird-trap ..	J. T. Murphy ..	16495	12 June ..	50	25 June.*
Bivalves, Machine for opening ..	A. W. and J. B. McKenzie ..	15239	8 Aug., 1902	37	14 May.