

1929.
NEW ZEALAND.

PATENTS, DESIGNS, AND TRADE-MARKS.

FORTIETH ANNUAL REPORT OF THE REGISTRAR.

Presented to both Houses of the General Assembly pursuant to Section 128 of the Patents, Designs, and Trade-marks Act, 1921-22.

I HAVE the honour, in pursuance of section 128 of the Act, to submit my report on the operations thereunder for the past year.

A total of 3,434 applications for grant of letters patent and for the registration of designs and trade-marks was received during the year. A slight increase is shown in the case of patent and design applications, while a decrease has occurred in applications for registration of trade-marks, 124 less being received than in 1927.

The number of applications for patents received from countries beyond New Zealand shows a satisfactory increase, 1,040 being received during the year, as compared with 871 in 1927. This figure is also 190 in excess of the average number of applications from overseas for the years 1922 to 1927 (inclusive). Applications for patents by applicants resident in New Zealand totalled 1,032.

The total revenue of the Office for the year in respect of patents, designs, and trade-marks was £13,302 10s. 11d., being an increase of £660 8s. 5d. over that for 1927, and the highest yet received for any one year except 1925, when the receipts from all sources was slightly in excess of that for 1928.

The surplus of receipts over payments for the year amounted to £7,931 8s. 1d., an increase of £676 12s. 8d. over the surplus for the previous year. The expenditure, which has been carefully controlled, totalled £5,371 2s. 10d., a figure which compares favourably with those of former years. The total surplus of receipts over expenditure since the 1st January, 1890, is now £150,029 19s. 7d.

COMPARISON OF NUMBER OF LETTERS PATENT ISSUED AND REGISTRATIONS OF TRADE-MARKS AND DESIGNS EFFECTED IN NEW ZEALAND AND OTHER CONVENTION COUNTRIES.

The number of letters patent sealed and the number of designs and trade-marks registered in New Zealand, form the subject of an interesting comparison with corresponding activities in other States belonging to the International Convention for the Protection of Industrial Property.

The information set out below is published in the issue for January, 1929, of *La Propriete Industrielle*, the official organ of the Union, the numbers given immediately after the names of the countries being for the year stated, while the number of transactions for the previous year is shown in parentheses.

Referring first to letters patent, the United States of America heads the list for 1927 with 42,057, as against 45,025 for the preceding year. The order of the remaining countries is as follows: Great Britain, 17,624 (17,333); France, 17,500 (18,200); Germany, 15,265 (15,000); Canada, 9,502 (11,151); Belgium, 8,569 (6,854); Switzerland, 5,548 (5,175); Italy, 5,160 (6,468); Spain, 4,801 (5,250); Japan, 4,371 (3,520); Czecho-Slovakia, 3,300 (3,000); Austria, 3,200 (3,000); Australia, 2,638 (3,943); Hungary, 2,506 (2,487); Sweden, 2,163 (2,176); Netherlands, 1,759 (1,625); Poland, 1,550 (2,818); Denmark, 1,320 (1,517); Norway, 1,193 (1,218); Rumania, 1,188 (1,095); New Zealand, 1,165 (1,267); Ireland, 910 (); Brazil, 817 (577); Serbia, 813 (553); Luxemburg, 762 (493); Finland, 402 (391); Portugal, 318 (280); Greece, 215 (292); Bulgaria, 207 (180); Danzig, 193 (169); Lettonia, 187 (208); Morocco, 133 (140); Esthonia, 132 (195); Tunis, 123 (126); Turkey, 115 (130); Ceylon, 56 (73); Trinidad and Tobago, 25 (11); Syria, 17 (15).

In the matter of designs, Switzerland continues to leave all the other countries behind, with 217,750 registrations for 1927, compared with 202,142 in 1926. Germany ranked second in 1927, with 77,591 (78,021); France third, with 45,566 (38,721); Great Britain fourth, with 21,009 (21,874); then follow, Czecho-Slovakia, 7,772 (7,129); Austria, 5,937 (6,697); Japan, 4,691 (3,774); United States of America, 2,387 (2,602); Belgium, 2,168 (1,665); Denmark, 1,671 (1,497); Spain, 648 (493); Hungary, 564 (647); Australia, 546 (539); Norway, 497 (520); Canada, 453 (347); Poland, 450 (311); Italy, 430 (370); New Zealand, 157 (158); Sweden, 107 (81); Syria, 101 (85); Portugal, 84 (71); Mexico, 79 (65); Serbia, 61 (36); Lettonia, 47 (35); Tunis, 18 (12); Morocco, 12 (14); Ceylon, 5 (); Danzig, 4 (); Esthonia, 3 (10).

With regard to trade-marks, the United States of America leads with 17,649 registered marks, as against 19,246 in 1926. Then follow—Germany, 17,000 (16,000); France, 15,515 (15,139); Japan, 8,040 (11,023); Great Britain, 7,543 (7,774); Czecho-Slovakia, 4,870 (4,634); Austria, 4,259 (4,260); Spain, 3,739 (3,627); Switzerland, 2,675 (2,732); Belgium, 2,380 (2,188); Netherlands, 2,236 (2,182); Australia, 2,177 (1,973); Canada, 2,133 (1,902); Brazil, 1,995 (1,249); Poland, 1,727 (3,411); Sweden, 1,436 (1,208); Denmark, 1,325 (1,186); Italy, 1,280 (1,590); Norway, 1,161 (1,033); Lettonia, 1,132 (684); Hungary, 1,131 (1,532); Mexico, 1,130 (1,057); Portugal, 852 (1,045); New Zealand, 765 (599); Greece, 688 (595); Finland, 666 (656); Bulgaria, 480 (422); Esthonia, 421 (341); Serbia, 414 (459); Turkey, 365 (697); Tunis, 270 (201); Ceylon, 255 (151); Danzig, 250 (209); Morocco, 240 (179); Syria, 204 (215); Luxemburg, 132 (233); Trinidad and Tobago, 130 (89).

The following table has been compiled from the figures given above, and shows the position occupied by various countries in regard to the total number of letters patent issued and designs and trade-marks registered:—

Switzerland ..	225,973	Spain ..	9,188	Portugal ..	1,254
Germany ..	109,846	Italy ..	6,870	Bulgaria ..	687
France ..	78,581	Australia ..	5,381	Esthonia ..	556
United States of America	62,093	Denmark ..	4,316	Morocco ..	486
Great Britain ..	46,176	Hungary ..	4,201	Turkey ..	480
Japan ..	17,102	Poland ..	3,727	Danzig ..	447
Czecho-Slovakia ..	15,942	Sweden ..	3,706	Tunis ..	411
Austria ..	13,496	Norway ..	2,851	Syria ..	322
Belgium ..	13,117	New Zealand ..	2,087	Ceylon ..	316
Canada ..	12,088	Lettonia ..	1,766	Trinidad and Tobago..	155
		Serbia ..	1,288		

It will be noted that out of thirty-eight countries who are members of the Union, New Zealand occupies the twenty-first place on the list in respect of letters patent; in regard to registration of designs she occupies the eighteenth place out of twenty-nine countries; with reference to trade-mark registrations New Zealand is twenty-third out of thirty-six countries; and in respect of the total number of applications she occupies a position next to Sweden and Norway.

PATENTS.

During the year 2,070 applications for patents were received, as compared with 2,052 in 1927. Of this number, 1,032 (1,147)* were lodged with provisional specifications, and in 1,038 (905) cases the application was accompanied by a complete specification. There were also lodged 308 (301) complete specifications in respect of applications for which a provisional specification had already been filed. The total number of applications received up to the 31st December, 1928, was 61,885, and the number of patents in force as at that date was 7,718, made up as follows: Patents sealed and third-year fees paid from the 31st December, 1925, to the 31st December, 1928, 3,369 and 1,870 respectively; sixth-year fees paid from the 31st December, 1918, to the 31st December, 1928, 2,478; and one seventh-year fee.

Patent fees received during the year amounted to £9,615 8s. 9d., being an increase of £554 5s. 6d. over the corresponding amount for 1927, and the highest amount received in any one year, with the exception of 1922, when the patent receipts totalled £9,819 18s. 6d.

The restoration of lapsed patents to the register was effected in 6 (6) cases, and 2 (2) patents were sealed after the prescribed time. The fees from these two sources amounted to £125 10s. (£178 10s. 6d.).

Under the provisions of the Amendment Act of 1924, 3 (5) patents were endorsed "Licenses of Right," and in 1 (0) case an application for patent was accepted after the prescribed time.

The Supreme Court was applied to in three cases to extend the term of letters patent under section 20 of the Act. In two of these proceedings an extension of seven years was granted, while the remaining case was withdrawn.

It will be noticed that there has been a considerable increase in the number of inventions recorded in the class relating to telephony and telegraphy (including phonographs), chiefly in connection with wireless systems, picture-transmission, talking motion pictures, &c. Increases have also taken place in the classes relating to cultivating, 40 (36); boxes, cans, and casks, 89 (71); harvesting, 24 (15); indicating, &c., 74 (65); wearing-apparel, 44 (39); and building-construction, 115 (106). There has been a further decline in the number of applications received in connection with milking machinery, 33 (42), and a slight fall in the number relating to dairying, 43 (51), while not much change is involved in other directions.

DESIGNS.

Applications for registration of designs for the year under review numbered 163, being a slight increase over the number for the previous year (145). The number of applications received from persons resident in New Zealand was 107 (93); 33 (38) applications were received from Great Britain, 12 (7) from Australia, 3 (0) from Canada, 5 (4) from the United States of America, 2 (3) from France, while 1 (0) was received from Switzerland. It will be noted that the majority of applications were lodged by residents in the Dominion, little advantage being taken of design-registration by applicants living in foreign countries or in other parts of the Empire.

* The figures in parentheses are for 1927.

The first term of design-registration lasts for five years, and, though the protection may be renewed for a further term of five years, only a comparatively small number of such renewals is effected. A further extension of five years, making fifteen years in all, may be applied for, but the number of such applications is almost negligible. The total number of applications up to the 31st December, 1928, was 2,695, and the number of registrations in force on that date was 860. During the year there were 55 extensions for the second period and 2 extensions for the third period.

TRADE-MARKS.

The fees received during the year in respect of trade-marks amounted to £3,461 16s. 1d., being a slight increase in the amount for 1927, in which year £3,370 17s. was received.

The applications lodged for the year totalled 1,201, as against 1,325 in 1927, the number in that year being the largest number received in any one year, with the exception of the years 1920, 1924, and 1925, when there were 1,391, 1,338, and 1,332 respectively.

The applications received from persons residing in New Zealand numbered 477 (460). Residents in Great Britain lodged 316 (284) applications, and 206 (189) applications were received from the United States of America. Applications from the Australian Commonwealth were as follows: New South Wales, 68 (66); Victoria, 26 (66); Queensland, 2 (0); South Australia, 2 (1); Tasmania, 2 (0). There were 11 (10) from Canada, and 54 (202) from Germany.

The number of applications received up to the 31st December, 1889, was 1,213. From that date to the 31st December, 1928, 27,217 applications were lodged, making a total of 28,430.

Applications were greatest in number in the following classes of goods:—"Substances used as food or as ingredients in food" (Class 42), 181 (203); "Articles of clothing" (Class 38), 101 (115); "Candles, common soap, detergents; illuminating, heating or lubricating oils; matches; and starch, blue, and other preparations for laundry purposes" (Class 47), 87 (76); "Chemical substances prepared for use in medicine and pharmacy" (Class 3), 82 (67); "Machinery of all kinds and parts of machinery, except agricultural and horticultural machines included in Class 7" (Class 6), 67 (35).

PATENT AGENTS.

No names were added to the register during the year. The total number of names on the register as at 31st December, was twenty.

CONCLUSION.

The appendix hereto contains the following tables, lists, &c., viz. :—

- A. Receipts and Payments Account for the Year ended 31st December, 1928.
- B. Table showing Receipts and Payments for each of the Last Ten Years.
- C. Particulars of Fees received from 1st January to 31st December, 1928, together with the Corresponding Figures for the years 1926 and 1927.
- D. Total Number of Applications for Patents and for Registration of Designs and Trade-marks recorded for the Years 1910 to 1928 (inclusive).
- E. Number of Provisional and Complete Specifications received, &c.
- F. Number of Applications for Patents from Persons residing in New Zealand or Dependencies, &c., and in other Countries in each of the Years 1927 and 1928, together with the Average for the Years 1922-26 (inclusive).
- G. Number of Applications for Patents for the Different Classes of Inventions in each of the Years 1927 and 1928, together with the Average for the Years 1922-26 (inclusive).
- H. Total Number of Applications for Patents, Letters Patents sealed, and Letters Patent in force for Full Term under the Different Patents Acts, up to 31st December, 1928 (inclusive).
- I. Number of Applications for Registration of Designs in each of the Fifteen Classes in each of the Years 1926, 1927, and 1928.
- J. Number of Applications for Registration of Trade-marks from Persons residing in New Zealand or Dependencies, &c., and in other Countries in each of the Years 1927 and 1928, together with the Average for the Years 1922-26 (inclusive).
- K. Number of Applications to register Trade-marks in the Fifty Different Classes in each of the Years 1927 and 1928, together with the Average for the Years 1922-26 (inclusive).

H. T. ATKINSON,

Registrar of Patents, Designs, and Trade-marks.

Patent Office, Wellington, 15th June, 1929.

APPENDIX.

A.—RECEIPTS AND PAYMENTS ACCOUNT FOR THE YEAR ENDED 31ST DECEMBER, 1928.

Receipts.				Payments.			
	£	s.	d.		£	s.	d.
Patent fees	9,615	8	9	Salaries	3,559	9	4
Design fees	147	7	6	Advertising	22	11	6
Trade-mark fees	3,461	16	1	Fuel, light, &c.	64	1	6
Sale of Acts, Journals, &c.	77	18	7	Office fittings and furniture	4	16	10
				Postage	64	10	5
				Printing and stationery	1,610	1	3
				Typewriter repairs	4	0	1
				Contingencies	4	4	5
				Refunds	37	7	6
				Balance	7,931	8	1
	£13,302	10	11		£13,302	10	11

H. T. ATKINSON, Registrar.

I hereby certify that the Statement of Receipts and Payments has been duly examined and compared with the relative books and documents submitted for audit, and correctly states the position as disclosed thereby. Copyright fees are not included.—G. F. C. CAMPBELL, Controller and Auditor-General.

B.—TABLE SHOWING RECEIPTS AND PAYMENTS FOR EACH OF THE LAST TEN YEARS.

Year.	Receipts.		Payments.		Surplus.	Year.	Receipts.		Payments.		Surplus.
	£	s. d.	£	s. d.	£ s. d.		£	s. d.	£	s. d.	£ s. d.
1919	9,345	1 2	3,373	6 9	5,971 14 5	1924	12,470	19 6	5,182	15 4	7,288 4 2
1920	9,696	17 4	3,736	4 1	5,960 13 3	1925	13,355	2 0	5,509	8 9	7,845 13 3
1921	9,857	1 10	4,016	13 5	5,840 8 5	1926	12,426	0 8	5,836	2 0	6,589 18 8
1922	12,913	15 3	3,880	0 8	9,033 14 7	1927	12,642	2 6	5,387	7 1	7,254 15 5
1923	11,667	18 5	4,809	8 11	6,858 9 6	1928	13,302	10 11	5,374	2 10	7,931 8 1

C.—PARTICULARS OF FEES RECEIVED FROM 1ST JANUARY TO 31ST DECEMBER, 1928, TOGETHER WITH THE CORRESPONDING FIGURES FOR THE YEARS 1926 AND 1927.

	1926.*		1927.*		1928.	
	£	s. d.	£	s. d.	£	s. d.
<i>Patents.</i>						
Applications for patents with provisional specifications	1,164	19 6	1,156	1 9	1,013	0 0
Applications for patents with complete specifications	1,976	0 0	1,802	0 0	2,137	0 0
Complete specifications left after provisional specifications	644	0 0	602	0 0	607	0 0
Applications for extension of time	168	9 6	174	4 0	157	9 6
On giving notice of opposition	5	0 0	3	0 0	3	10 0
On hearing opposition	2	0 0	2	0 0	..	..
On request for sealing letters patent	1,253	0 0	1,092	9 6	1,089	0 0
On request for sealing letters patent after prescribed time	..	..	..	..	3	0 0
On sealing letters patent after prescribed time	8	10 0	36	0 0	15	10 0
Renewal fees paid before end of third year	1,857	19 9	1,997	0 0	2,104	1 0
Renewal fees paid before end of sixth year	1,512	0 0	1,688	16 0	2,036	9 0
Applications for restoration of lapsed patents	26	0 0	24	10 6	16	0 0
On restoration of letters patent	161	0 0	118	0 0	91	0 0
On request to enter name of subsequent proprietor on register	114	10 0	174	10 0	110	0 0
On request to correct clerical errors	2	10 0	2	15 0	3	15 0
Certificates of Registrar	29	10 0	36	7 0	39	0 0
Copies of specifications and drawings	49	14 3	40	8 7	46	16 7
Patent Agents' renewal fees	39	18 0	46	4 0	36	6 0
Application for registration as Patent Agent	3	3 0	3	3 0	..	..
Searches	42	19 0	35	4 8	39	0 9
Amendment of letters patent	4	0 0	8	0 0	17	0 0
On acceptance after prescribed time	..	..	..	..	8	0 0
Request to enter change of name	7	5 0	0	10 0	1	10 0
Request to enter change of address	..	..	..	..	0	5 0
Application for endorsement of letters patent "Licenses of Right"	13	0 0	1	0 0	3	0 0
On application for revocation of letters patent	..	..	..	..	5	0 0
Advertising in <i>Journal</i> , &c., under Supreme Court Rules	..	..	1	10 0	2	6 0
Application for entry of order of Supreme Court in register	0	5 0	0	5 0	0	10 0
Weekly lists	7	12 0	5	2 0	16	16 0
Copies of documents, &c.	..	..	0	3 0	3	0 0
Miscellaneous	17	16 10	9	19 3	10	3 11
					£9,615	8 9

* For a complete analysis of fees received in 1925 and 1926 see reports for those years respectively.

C.—PARTICULARS OF FEES RECEIVED FROM 1ST JANUARY TO 31ST DECEMBER, 1928, TOGETHER WITH THE CORRESPONDING FIGURES FOR THE YEARS 1926 AND 1927—continued.

	1926.*	1927.*	1928.
<i>Designs.</i>			
	£ s. d.	£ s. d.	£ s. d.
Application for registration	86 0 0	64 5 0	70 0 0
On extension of period of copyright under section 56 (2)	21 0 0	36 19 6	58 0 0
On extension of period of copyright under section 56 (3)	4 0 0	12 0 0	4 0 0
Searches (Regulation 42)	0 10 0	1 2 6	1 7 6
Searches (Office)	0 12 0	0 7 0	0 12 0
Assignment of designs	11 0 0	0 10 0	9 0 0
Copies of drawings	0 8 0	0 5 0	0 8 0
Certificate of Registrar	..	0 5 0	..
Change of name	..	0 5 0	..
Applications for extension of time	1 0 0	1 5 0	1 5 0
On request to correct clerical errors	0 5 0	0 5 0	..
Miscellaneous	..	..	2 15 0
			147 7 6
<i>Trade-marks.</i>			
Application for registration	855 4 2	997 0 6	894 9 0
On registration	897 15 6	1,072 14 0	1,401 19 6
On association	11 2 0	23 6 0	47 9 0
On renewal of registration	1,005 9 0	840 17 8	806 19 0
Applications for extension of time	25 5 0	9 0 0	7 15 0
On giving notice of opposition	11 0 0	9 0 0	12 10 0
On hearing opposition	2 0 0	6 0 0	..
On assignment of trade-marks	140 4 0	272 9 0	162 0 0
Amendment of trade-marks	1 0 0	3 10 0	0 10 0
On cancellation	2 15 0	2 0 0	3 0 0
Extra space in <i>Journal</i>	10 17 0	29 3 0	22 4 0
Copies of trade-mark certificates	0 12 0	0 9 0	3 4 0
On request to enter change of address	2 19 0	10 8 0	2 17 0
On request to enter change of name	7 2 0	5 7 0	7 13 0
Certificates of Registrar	23 0 0	19 19 0	24 0 0
Searches (Regulation 84)	46 19 6	34 10 6	26 7 6
Searches (Office)	23 10 6	20 9 6	26 14 0
On request to correct clerical errors	2 10 0	4 5 0	2 15 0
Entry in register of rectification thereof	1 5 0	0 15 0	0 15 0
Alteration of trade-marks	5 0 0	1 0 0	0 5 0
Request to strike out goods	0 15 0	1 0 0	2 0 0
On restoration of trade-mark	5 0 0	4 0 0	4 0 0
On entry of memorandum of trade-mark	1 15 0	0 5 0	0 10 0
Copies of documents	..	..	0 4 0
Miscellaneous	5 2 1	3 8 10	1 16 1
			3,461 16 1

* For a complete analysis of fees received in 1925 and 1926 see reports for those years respectively.

D.—TOTAL NUMBER OF APPLICATIONS FOR PATENTS AND FOR REGISTRATION OF DESIGNS AND TRADE-MARKS RECORDED FOR THE YEARS 1910 TO 1928 (INCLUSIVE).

Year.	Patents.	Designs.	Trade-marks.	Total.	Year.	Patents.	Designs.	Trade-marks.	Total.
1910	1,831	46	818	2,695	1920	2,193	109	1,391	3,693
1911	1,740	21	861	2,622	1921	2,115	141	994	3,250
1912	1,737	44	779	2,560	1922	2,183	214	1,103	3,500
1913	1,775	65	787	2,627	1923	2,075	183	1,163	3,421
1914	1,574	55	687	2,316	1924	2,085	185	1,338	3,608
1915	1,299	89	565	1,953	1925	2,046	203	1,332	3,581
1916	1,261	113	666	2,040	1926	2,137	204	1,143	3,484
1917	1,329	83	619	2,031	1927	2,052	145	1,325	3,522
1918	1,386	53	695	2,134	1928	2,070	163	1,201	3,434
1919	1,880	74	1,272	3,226					

E.—NUMBER OF PROVISIONAL AND COMPLETE SPECIFICATIONS RECEIVED, ETC.

Year.	Applications with which Complete Specifications lodged.		Applications with which Provisional Specifications lodged.		Applications for which Complete Specifications subsequently lodged.		Applications abandoned, lapsed, or refused.		Patents sealed.		Total Number of Applications.
	New Zealand or Dependencies, &c.	Other Countries.	New Zealand or Dependencies, &c.	Other Countries.	New Zealand or Dependencies, &c.	Other Countries.	New Zealand or Dependencies, &c.	Other Countries.	New Zealand or Dependencies, &c.	Other Countries.	
1910	250	443	990	148	254	75	925	125	306	475	1,831
1911	245	434	935	126	258	59	849	86	323	482	1,740
1912	258	507	877	95	275	35	817	78	334	508	1,737
1913	217	467	965	126	249	58	910	94	272	499	1,775
1914	177	426	868	103	228	45	782	96	273	423	1,574
1915	140	286	787	86	322	46	669	78	266	288	1,299
1916	178	297	699	87	194	38	630	67	245	319	1,261
1917	183	360	708	84	203	41	580	57	249	385	1,329
1918	143	454	704	88	245	39	540	72	284	442	1,389
1919	200	685	906	91	279	42	707	77	321	689	1,880
1920	250	890	949	110	249	37	725	123	330	1,030	2,199
1921	194	722	1,080	119	310	42	890	107	398	730	2,115
1922	203	686	1,190	104	328	38	992	92	406	693	2,183
1923	221	701	1,041	112	256	57	933	73	341	728	2,075
1924	190	752	1,032	111	304	35	882	89	356	758	2,035
1925	177	764	1,007	98	324	41	831	99	356	756	2,046
1926	180	804	1,058	95	283	41	...	...	...	...	2,137
1927	153	752	1,028	119	284	49	...	...	...	...	2,052
1928	127	912	905	128	...	...	...	...	...	...	2,072

NOTE.—Applications are sometimes received from joint applicants resident in different countries, and from applicants giving two addresses; the figures may therefore total more than the actual number of applications received.

F.—NUMBER OF APPLICATIONS FOR PATENTS FROM PERSONS RESIDING IN NEW ZEALAND OR DEPENDENCIES, ETC., AND IN OTHER COUNTRIES IN EACH OF THE YEARS 1927 AND 1928, TOGETHER WITH THE AVERAGE FOR THE YEARS 1922–26 (INCLUSIVE).

	1922–26.	1927.	1928.		1922–26.	1927.	1928.
New Zealand ..	1,299.0	1,204	1,032	Java ..	0.2	..	..
Argentine Republic ..	2.2	..	1	Kenya ..	0.2	..	..
Austria ..	1.6	..	1	Mauritius ..	..	..	1
Belgium ..	5.2	10	7	Mexico ..	..	1	4
Canada ..	13.8	32	11	Netherlands ..	11.6	10	13
Cuba ..	0.2	1	..	New South Wales ..	121.2	106	126
Czecho-Slovakia ..	1.8	2	2	Northern Nigeria ..	0.2	..	..
Denmark ..	9.6	5	8	Norway ..	2.6	4	1
Egypt ..	..	1	..	Queensland ..	19.0	17	8
Federated Malay States ..	0.2	1	..	Russia ..	0.2	..	..
Finland ..	0.2	..	..	South Australia ..	15.6	30	25
Fiji ..	0.2	..	..	Spain ..	0.2	2	..
France ..	17.8	33	22	Sweden ..	7.0	7	12
Friendly Islands ..	0.2	..	..	Switzerland ..	6.2	7	5
Germany ..	15.2	39	47	Tasmania ..	6.8	8	2
Great Britain ..	300.8	332	374	Union of South Africa ..	3.0	1	7
Hawaii ..	0.2	..	..	United States of America ..	180.0	183	231
Hungary ..	0.4	1	1	Victoria ..	126.0	133	113
India ..	1.2	4	1	Western Australia ..	10.8	1	8
Italy ..	8.4	1	7	Western Samoa ..	0.2	..	..
Japan ..	1.0	..	1				

G.—NUMBER OF APPLICATIONS FOR PATENTS FOR THE DIFFERENT CLASSES OF INVENTIONS IN EACH OF THE YEARS 1927 AND 1928, TOGETHER WITH THE AVERAGE FOR THE YEARS 1922-26 (INCLUSIVE).

Class.	1922-26	1927.	1928.	Class.	1922-26	1927.	1928.
Advertising and displaying signs, &c.	29.4	33	34	Illuminating (except gas-manufacture)	72.4	64	57
Aeronautics	6.6	3	5	Indicating, calculating, and measuring (including moisture-testers)	71.8	65	74
Amusements, music, exercisers, games, &c.	78.6	76	73	Kitchen utensils and cooking appliances (including ovens)	74.6	66	62
Attaching and securing (including bolts, ties, &c.)	68.2	30	30	Lifting, hauling, and loading ..	59.8	35	47
Boilers (steam)	15.0	7	13	Locks, latches, and hinges ..	37.4	39	22
Boots and shoes	40.8	32	30	Marine and submarine (including lake and river engineering)	27.8	13	22
Bottles, bottling, and glass-working	32.4	27	31	Marking (tickets, labels, &c.) ..	8.6	11	12
Boxes, cans, and casks	102.4	71	89	Medicines and surgical appliances (including ear-instruments, dental work, &c.)	39.6	32	27
Brewing, distilling, &c.	12.4	16	13	Metal-working (including welding, stamping, and plating)	36.6	36	27
Brooms and brushes (including mops)	20.0	17	17	Milking-machines*	84.0	42	33
Building-construction	48.6	39	40	Minerals (including filtration, lixiviation, screens, &c.)	24.4	18	16
Building-construction (brick and cement compositions and moulding)	65.6	44	46	Minerals (magnetic separators) ..	0.8	1	2
Building-construction (windows and doors)	38.6	23	29	Minerals (stampers and pulverizers)	3.0	4	2
Chemicals	39.2	20	23	Oils and lubricators	35.4	32	38
Cleaning, polishing, &c.	28.4	17	31	Paints and painting (including kauri-gum)	19.4	16	23
Closets and urinals	26.4	26	24	Pipes, tubes, and hose	29.2	30	24
Coin-freed mechanism	3.4	12	11	Preserving	15.6	11	14
Cooling and freezing	26.0	21	23	Presses	15.2	7	8
Cultivating and tilling	53.4	36	40	Printing and photography	34.6	32	29
Cutting and sawing, and tools ..	75.4	73	60	Pumps and sprayers (except rotary pumps)	26.4	28	24
Dairying*	63.0	51	43	Railways and tramways	60.2	44	49
Drains and sewers	7.8	7	9	Roads and ways (including road watering)	20.0	31	20
Dredging and excavating (including rock-drills)	12.2	17	14	Seed-dressing, chaff-cutting, and threshing	8.4	9	11
Drying	25.0	18	23	Seed-sowers	8.8	25	25
Electricity and magnetism	129.2	153	128	Sewing and knitting	19.2	9	13
Engines (air, gas, and oil)	70.0	50	61	Sheep and cattle (including veterinary appliances)	32.6	25	33
Engines (steam), including rotary pumps	18.6	9	19	Sheep shearing and clipping	9.6	15	14
Engines (miscellaneous and engine accessories), including current motors, solar motors, tide motors, wave motors, windmills, miscellaneous motors	86.0	51	42	Shop and hotel fittings	18.8	20	29
Explosives, firearms, and targets ..	4.2	4	13	Stationery and paper	46.8	52	44
Exterminating (including trapping animals)	32.0	14	24	Telephony and telegraphy (including phonographs, &c.)	162.0	142	216
Fencing-	21.8	28	29	Tobacco	8.4	14	12
Fencing (strainers)	6.8	8	7	Valves and cocks	26.4	14	13
Fibre-dressing (including rope-making)	17.2	86	35	Vehicles	201.8	180	127
Filters	8.4	4	11	Vehicles (velocipedes)	50.4	52	37
Fire alarms, escapes, ladders, and extinguishers	19.4	24	17	Ventilating	6.8	5	7
Food	30.2	30	22	Washing and cleansing	32.2	32	34
Furnaces and kilns (including smoke-consumers)	19.8	13	21	Water-supplying	16.0	5	12
Furniture and upholstery, desks, blinds, curtains, &c.	79.4	67	57	Wearing-apparel	53.2	39	44
Gas-manufacture for lighting, heating, or power purposes	15.0	10	7	Wools and hides	13.2	17	12
Harness (including horse, &c., covers)	7.6	4	5	Miscellaneous inventions not in other classes, as indiarubber-manufacture, fishing-appliances, &c.	20.4	34	34
Harvesting and grading	17.6	15	24				
Heating, and fuel-manufacture ..	85.0	46	36				

* Prior to 1911, milking-machines were included in class "Dairying," but are now a separate class.

NOTE.—Owing to some inventions being classified under more than one heading, the figures will total more than the actual number of applications received.

H.—TOTAL NUMBER OF APPLICATIONS FOR PATENTS, LETTERS PATENTS SEALED, AND LETTERS PATENT IN FORCE FOR FULL TERM UNDER THE DIFFERENT PATENTS ACTS, UP TO 31ST DECEMBER, 1928 (INCLUSIVE).

		Total Number of Applications.	Number on which Letters Patent have been sealed.	Number of Patents on which Final Fee paid.
Act of 1860 ...	1861 to 1870 ...	109	109	109
" 1870 ...	1871 to 1883 ...	881	687	465
" 1883 ...	1884 to 1889 ...	3,170	1,757	368
Acts of 1889 and 1908	1890 to 30th June, 1912 ...	27,419	12,711	2,591
Act of 1911 ...	1st July, 1912, to 30th June, 1922	16,750	7,773	1,660
" 1921-22 ...	...	13,547	7,324	209
Grand totals ...	...	61,876	30,361	5,402

I.—NUMBER OF APPLICATIONS FOR REGISTRATION OF DESIGNS IN EACH OF THE FIFTEEN CLASSES IN EACH OF THE YEARS 1926, 1927, AND 1928.

	1926.	1927.	1928.
<i>Class 1.</i> —Articles composed wholly of metal or in which metal predominates, and jewellery	116	72	90
<i>Class 2.</i> —Books and bookbinding of all materials	2	..	..
<i>Class 3.</i> —Articles composed wholly of wood, bone, ivory, papier-maché, or other solid substances not included in other classes, or of materials in which such substances predominate	39	30	39
<i>Class 4.</i> —Articles composed wholly of glass, earthenware, or porcelain, clay (burnt or baked), or cement, or in which such materials predominate	13	16	5
<i>Class 5.</i> —Articles composed wholly of paper, cardboard, millboard, or straw-board (except articles included in Class 2, and paperhangings), or in which such materials predominate	15	9	4
<i>Class 6.</i> —Articles composed wholly of leather or in which leather predominates, not included in other classes	..	2	..
<i>Class 7.</i> —Paperhangings	..	..	..
<i>Class 8.</i> —Carpets, rugs, and floor-coverings in all materials	..	..	1
<i>Class 9.</i> —Lace	..	..	..
<i>Class 10.</i> —Boots and shoes	..	..	..
<i>Class 11.</i> —Millinery and wearing-apparel (except boots and shoes) ..	5	7	9
<i>Class 12.</i> —Goods not included in other classes	12	6	5
<i>Class 13.</i> —Printed or woven designs on textile piece-goods (other than checks or stripes)	..	2	7
<i>Class 14.</i> —Printed or woven designs on handkerchiefs and shawls (other than checks or stripes)	1	1	..
<i>Class 15.</i> —Printed or woven designs on textile piece-goods or on handkerchiefs or shawls being checks or stripes	1	..	3
	204	145	163

J.—NUMBER OF APPLICATIONS FOR REGISTRATION OF TRADE-MARKS FROM PERSONS RESIDING IN NEW ZEALAND OR DEPENDENCIES, ETC., AND IN OTHER COUNTRIES IN EACH OF THE YEARS 1927 AND 1928, TOGETHER WITH THE AVERAGE FOR THE YEARS 1922-26 (INCLUSIVE).

—	1922-26.	1927.	1928.	—	1922-26.	1927.	1928.
New Zealand	481.6	460	477	Luxemburg	0.2	..	..
Austria	1.6	3	..	Netherlands	10.6	8	6
Belgium	1.6	..	3	New South Wales ..	71.0	66	68
Canada	20.4	10	11	Northern Ireland ..	..	4	4
Ceylon	0.4	..	..	Norway	5.4	1	2
China	0.2	..	1	Palestine	..	..	1
Cuba	0.2	..	1	Queensland	3.0	..	2
Czecho-Slovakia ..	0.2	..	1	South Australia ..	0.6	1	2
Denmark	1.6	..	2	Spain	0.4	..	..
Dutch East Indies ..	0.2	..	..	Sweden	7.6	3	9
Finland	4.2	1	..	Switzerland	4.8	8	7
France	18.8	13	14	Tasmania	0.2	..	2
Germany	22.0	202	54	Union of South Africa	2.2	1	1
Great Britain	310.8	284	316	United States of America	191.6	189	206
Hungary	0.2	..	..	Victoria	59.2	66	26
India	0.8	..	..	Western Australia ..	0.2	..	..
Italy	3.6	4	4	Western Samoa	0.2	..	..
Japan	0.4	1	2				

K.—NUMBER OF APPLICATIONS TO REGISTER TRADE-MARKS IN THE FIFTY DIFFERENT CLASSES IN EACH OF THE YEARS 1927 AND 1928, TOGETHER WITH THE AVERAGE FOR THE YEARS 1922-1926 (INCLUSIVE).

Class.	Classification of Goods.	1922-26	1927.	1928.
1	Chemical substances used in manufactures, photography, or philosophical research, and anti-corrosives	36-0	132	38
2	Chemical substances used for agricultural, horticultural, veterinary, and sanitary purposes	42-8	36	49
3	Chemical substances prepared for use in medicine and pharmacy	75-6	67	82
4	Raw or partly prepared vegetable, animal, and mineral substances used in manufactures not included in other classes	17-6	27	23
5	Unwrought and partly wrought metals used in manufacture	13-6	19	8
6	Machinery of all kinds, and parts of machinery, except agricultural and horticultural machines included in Class 7	36-0	35	67
7	Agricultural and horticultural machinery, and parts of such machinery ..	11-8	4	9
8	Philosophical instruments, scientific instruments, and apparatus for useful purposes; instruments and apparatus for teaching	64-0	64	57
9	Musical instruments	15-6	19	6
10	Horological instruments	7-0	5	7
11	Instruments, apparatus, and contrivances, not medicated, for surgical or curative purposes, or in relation to the health of men or animals	9-8	10	9
12	Cutlery and edge tools	12-4	6	7
13	Metal goods not included in other classes	50-0	49	30
14	Goods of precious metals (including aluminium, nickel, Britannia-metal, &c.) and jewellery, and imitations of such goods and jewellery	4-8	7	6
15	Glass	10-2	2	10
16	Porcelain and earthenware	3-0	1	4
17	Manufactures from mineral and other substances for building or decoration..	17-6	22	18
18	Engineering, architectural, and building contrivances	16-8	14	31
19	Arms, ammunition, and stores not included in Class 20	1-8	2	..
20	Explosive substances	1-8	6	..
21	Naval architectural contrivances and naval equipments not included in Classes 19 and 20	1-2	2	..
22	Carriages	19-0	21	22
23	(a) Cotton-yarn; (b) sewing cotton	5-4	1	1
24	Cotton piece-goods of all kinds	29-4	31	24
25	Cotton goods not included in Classes 23, 24, and 38	7-4	9	7
26	Linen and hemp yarn and thread	1-0	..	..
27	Linen and hemp piece-goods	2-0	5	1
28	Linen and hemp goods not included in Classes 26, 27, and 50	1-8	1	1
29	Jute yarns and tissues, and other articles made of jute not included in Class 50	0-8	1	..
30	Silk, spun, thrown, or sewing	2-2	1	1
31	Silk piece-goods	2-2	11	6
32	Other silk goods not included in Classes 30 and 31	1-4	2	..
33	Yarns of wool, worsted, or hair.. ..	5-0	7	2
34	Cloths and stuffs of wool, worsted, or hair	7-2	5	5
35	Woollen and worsted and hair goods not included in Classes 33 and 34 ..	1-6	3	2
36	Carpets, floorcloth, and oilcloth	3-8	3	4
37	Leather, skins (unwrought and wrought), and articles made of leather not included in other classes	8-4	9	10
38	Articles of clothing	95-8	115	101
39	Paper (except paperhangings), stationery, and bookbinding	42-2	51	35
40	Goods manufactured from indiarubber and guttapercha not included in other classes	17-0	9	13
41	Furniture and upholstery	6-4	9	12
42	Substances used as food or as ingredients in food	199-0	203	181
43	Fermented liquors and spirits	30-2	41	49
44	Mineral and aerated waters (natural and artificial), including ginger-beer ..	13-4	12	7
45	Tobacco, whether manufactured or unmanufactured	32-6	28	23
46	Seeds for agricultural and horticultural purposes	2-0	1	..
47	Candles, common soap, detergents; illuminating, heating, or lubricating oils; matches; and starch, blue, and other preparations for laundry purposes	88-8	76	87
48	Perfumery (including toilet articles), preparations for the teeth and hair, and perfumed soap	57-8	52	52
49	Games of all kinds, and sporting articles not included in other classes ..	9-6	20	19
50	Miscellaneous	75-0	69	75

Approximate Cost of Paper.—Preparation, not given; printing (510 copies), £14 15s.

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