

1931.
NEW ZEALAND.

PATENTS, DESIGNS, AND TRADE-MARKS.

FORTY-SECOND ANNUAL REPORT OF THE COMMISSIONER.

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

REPORT.

I HAVE the honour, in accordance with section 128, to submit my report on the administration of the Act during the past year.

A total of 3,537 applications was received for grant of letters patent and for the registration of designs and trade-marks, as against 3,522, 3,434, and 3,735 in the years 1927, 1928, and 1929 respectively. While there has been a decrease of 198 applications as compared with 1929, the number of applications received during the year under review is slightly larger than the average for the previous ten years.

The total fees received in respect of patents, designs, and trade-marks was £14,195 15s. 7d., which constitutes a record for any one year since the inception of the Patent Office. Expenditure during the year amounted to £5,832 7s. 2d.—salaries, £3,892 4s. 9d., and printing and stationery, £1,572 17s. 3d., being the two main items under this head. The excess of receipts over expenditure for the year was £8,363 8s. 5d., which is the highest surplus since 1922, bringing the total surplus of the Office since the 1st January, 1890, to £166,586 0s. 2d.

PATENTS.

During the past year 2,103 applications were received in respect of the grants of patents, as compared with 2,251 in the previous year, a decrease of 148. There were 1,078 (992)* applications lodged accompanied by a provisional specification, and in 1,025 (1,259) cases a complete specification was lodged with the application. Applications to the number of 1,104 were lodged by applicants residing in New Zealand, while 999 applications were lodged by residents of other countries. As compared with 1929, New Zealand applications increased by 96, and applications from overseas decreased by 244. The most noticeable decrease in applications from overseas countries is in respect of Great Britain, the figures for 1929 and 1930 being 495 and 324 respectively, a decrease of 171. The number of applications in 1930 is, however, only slightly less than the average for the years 1924-28 (333·4). Germany, 50 (80), and United States of America, 197 (219), also show a decrease. Applications from the Commonwealth of Australia totalled 305, being 8 less than the total for 1929. During the year 256 (295) complete specifications were left in respect of applications in which provisional specifications had previously been filed. The total number of applications lodged up to and including the 31st December, 1930, was 66,230.

The number of patents in force at the 31st December, 1930, was 8,444, made up as follows: Patents sealed and third-year fees paid, from the 31st December, 1927, to the 31st December, 1930, 3,761 and 2,032 respectively; sixth-year fees paid from the 31st December, 1920, to the 31st December, 1930, 2,647; patents in respect of which an extension of their term has been granted by order of the Supreme Court, 4.

In one case an application was made to the Supreme Court to extend the term of letters patent beyond sixteen years, and an extension of three years was granted.

Restoration of lapsed patents to the Register was effected in 10 (5) cases. Two applications for sealing of letters patent after prescribed time were lodged, but sealing was not effected during the year. The fees from these two sources amounted to £121 (£162 10s.).

Under the provisions of the Amendment Act of 1924, 3 (3) patents were endorsed "Licenses of Right."

Patent fees received during the year amounted to £10,024 1s. 2d., being £276 19s. 2d. less than the previous year.

With regard to applications under the various classes of inventions, the main increases occur in amusements, 72 (56); boxes, cans, and casks, 84 (58); cutting and sawing, 66 (49); engines (air, gas, and oil), 63 (47); and harvesting, 51 (34). Included in the decreases in applications are the following: Building-construction (three classes), 95 (133); electricity and magnetism, 121 (146); fibre-dressing, 22 (41); printing and photography, 37 (53); telephony, 233 (342); and vehicles, 112 (147).

* The figures in parentheses are for 1929.

DESIGNS.

The number of applications lodged during the year was 169, being an increase of 44 over the previous year, bringing the total number of applications as at the 31st December, 1930, to 2,989. The number of design registrations in force at that date was 920, of which 115 were registered during the year. 129 design-registrations became void by reason of the non-payment of renewal fees. Renewal of the term of copyright for the second term of five years was effected in 47 cases, while 18 were renewed for the third term of five years.

The number of applications lodged by persons resident in New Zealand was 112; 29 were from Australia, 22 from Great Britain, 5 from the United States of America, and 1 from Holland.

Applications lodged covered 10 classes: 62 applications were lodged in respect of articles included in Class 1, 28 in Class 3, and 20 in Class 13.

The fees received during the year amounted to £182 1s. 6d., being an increase of £69 11s. 6d. as compared with 1929.

TRADE-MARKS.

There were 1,265 applications for registration of trade-marks lodged during the year under review, showing a decrease of 94 in the number for the previous year; but, as stated in last year's report, with the exception of 1920, in which year 1,391 were lodged, the total for 1929 is the largest yet received in any one year.

Notwithstanding the slight decrease in the number of applications for registration, the total fees in respect of trade-marks received during the year amounted to £3,905 4s. 11d., representing an increase of £326 5s. 6d. over the amount received in 1929. The principal increases were in connection with fees paid on registration and renewal of registration, being £244 10s. 6d. and £62 2s. 6d. respectively.

There was a slight increase in the number of applications lodged by persons resident in New Zealand as compared with the previous year, while the number of applications from Great Britain was 18 less than in 1929. Applications from the United States of America and Germany remained about the same, but there was a substantial falling-off so far as New South Wales and Victoria were concerned. The number of applications from France, which in 1929 more than doubled the average number of applications for the years 1924-28 (inclusive), was less than one-fourth of the number for the previous year. The total number of applications for registration of trade-marks received by the Office up to the 31st December, 1930, was 30,054.

With regard to the different classes of goods, Class 42 (which covers substances used as food or as ingredients, &c.) again has the greatest number of applications, while Class 3 (chemical substances prepared for use in medicine and pharmacy) is next in order. The other main classes range in the following order: Class 38, "Articles of clothing"; Class 1, "Chemical substances used in manufactures, photography, or philosophical research, and anti-corrosives"; Class 47, "Candles, common soap, &c."; Class 8, "Philosophical instruments, scientific instruments, &c."; and Class 48, "Perfumery (including toilet articles, preparations for the teeth and hair, and perfumed soap)."

As compared with 1929, there has been a considerable increase in the number of applications in Class 3, "Chemical substances prepared for use in medicine and pharmacy"; and Class 1, "Chemical substances used in manufactures, &c." On the other hand, the number of applications in Class 38, "Articles of clothing," was 77, as against 115 in the previous year.

PATENT AGENTS.

The number of patent attorneys on the register as at the 31st December, 1930, was nineteen, no names having been added during the year.

CONCLUSION.

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

- A. Receipts and Payments Account for the Year ended 31st December, 1930.
- B. Table showing Receipts and Payments for each of the Last Ten Years.
- C. Particulars of Fees received from 1st January to 31st December, 1930, together with the Corresponding Figures for the Years 1928 and 1929.
- D. Total Number of Applications for Patents and for Registration of Designs and Trade-marks recorded for the Years 1910 to 1930 (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 1929 and 1930, together with the Average for the Years 1924-28 (inclusive).
- G. Number of Applications for Patents for the Different Classes of Inventions in each of the Years 1929 and 1930, together with the Average for the Years 1924-28 (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, 1930 (inclusive).
- I. Number of Applications for Registration of Designs in each of the Fifteen Classes in each of the Years 1928, 1929, and 1930.
- 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 1929 and 1930, together with the Average for the Years 1924-28 (inclusive).
- K. Number of Applications to register Trade-marks in the Fifty Different Classes in each of the Years 1929 and 1930, together with the Average for the Years 1924-28 (inclusive).

H. T. ATKINSON,

Commissioner of Patents, Designs, and Trade-marks.

Patent Office, Wellington, 15th June, 1931.

APPENDIX.

A.—RECEIPTS AND PAYMENTS ACCOUNT FOR THE YEAR ENDED 31ST DECEMBER, 1930.

Receipts.			£	s.	d.	Payments.			£	s.	d.
Patent fees			10,024	1	2	Salaries			3,892	4	9
Design fees			182	1	6	Advertising			22	8	11
Trade-mark fees			3,905	4	11	Fuel, light, &c.			106	6	3
Sales of Acts, <i>Journals</i> , &c.—	£	s.				Office fittings			32	9	3
At Government Printing						Postage, telegrams, telephones, &c.			90	7	10
Office	72	14	6			Printing and stationery			1,572	17	3
At Patent Office	11	13	6			Typewriter repairs			9	7	10
			84	8	0	Contingencies			8	6	1
						Refunds			97	19	0
						Balance—	£	s.			
						Cash in hand, Public					
						Account	8,356	12	4		
						Cash in hand, Govern-					
						ment Printer	6	16	1		
									8,363	8	5
			£14,195	15	7				£14,195	15	7

H. T. ATKINSON, Commissioner.

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.
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
1924	12,470	19	6	5,182	15	4	7,288	4	2	1929	14,066	2	0	5,873	9	10	8,192	12	2
1925	13,355	2	0	5,509	8	9	7,845	13	3	1930	14,195	15	7	5,832	7	2	8,363	8	5

C.—PARTICULARS OF FEES RECEIVED FROM 1ST JANUARY TO 31ST DECEMBER, 1930, TOGETHER WITH THE CORRESPONDING FIGURES FOR THE YEARS 1928 AND 1929.

	1928.*			1929.*			1930.		
	£	s.	d.	£	s.	d.	£	s.	d.
<i>Patents.</i>									
Applications for patents with provisional specifications	1,013	0	0	1,007	0	0	1,085	0	0
Applications for patents with complete specifications	2,137	0	0	2,522	0	0	2,046	0	0
Complete specifications left after provisional specifications	607	0	0	491	0	0	508	0	0
Applications for extension of time	157	9	6	185	0	0	138	19	6
On giving notice of opposition	3	10	0	3	10	0	3	10	0
On hearing opposition							1	0	0
On request for sealing letters patent	1,089	0	0	1,487	0	0	1,256	10	0
On request for duplicate deeds of letters patent							6	0	0
On request for sealing letters patent after prescribed time	3	0	0	12	0	0	6	0	0
On sealing letters patent after prescribed time	15	10	0	19	0	0			
Renewal fees paid before end of third year	2,104	1	0	2,031	0	6	2,284	10	0
Renewal fees paid before end of sixth year	2,036	9	0	2,025	0	0	2,247	0	0
Applications for restoration of lapsed patents	16	0	0	20	0	0	18	0	0
On restoration of letters patent	91	0	0	111	10	0	97	0	0
On request to enter name of subsequent proprietor, &c., on register	110	0	0	130	0	0	90	0	0
On request to correct clerical errors	3	15	0	3	15	0	1	15	0
Certificates of Commissioner	39	0	0	41	0	0	31	0	0
Copies of specifications and drawings	46	16	7	58	17	8	44	5	4
Patent agents' renewal fees	36	6	0	39	18	0	42	0	0
Patent agents' examination fees							6	6	0
Searches	39	0	9	60	6	8	36	15	0
Amendment of letters patent	17	0	0	18	0	0	14	0	0
Request to enter change of name	1	10	0	4	5	0	2	10	0
Request to enter change of address	0	5	0	2	10	0	0	10	0
Application for endorsement of letters patent "Licenses of Right"	3	0	0	6	0	0	10	0	0
Application for revocation of letters patent							2	0	0
Advertising in <i>Journal</i> , &c., under Supreme Court Rules	2	6	0	5	7	0	1	6	0
Application for entry of order of Supreme Court in register	0	10	0	0	10	0	0	5	0
Weekly lists	16	16	0	5	0	0	4	18	0
Miscellaneous	10	3	11	11	10	6	39	1	4
							10,024	1	2

* For a complete analysis of fees received in 1928 and 1929 see Reports for those years respectively.

C.—PARTICULARS OF FEES RECEIVED FROM 1ST JANUARY TO 31ST DECEMBER, 1930, TOGETHER WITH THE CORRESPONDING FIGURES FOR THE YEARS 1928 AND 1929—*continued*.

	1928.*	1929.*	1930.
<i>Designs.</i>			
Application for registration of designs	£ 70 0 0	£ 54 5 0	£ 77 15 0
On extension of period of copyright under section 56 (2)	58 0 0	40 0 0	47 0 0
On extension of period of copyright under section 56 (3)	4 0 0	10 0 0	36 0 0
Searches (Regulation 42)	1 7 6	0 10 0	0 12 6
Searches (Office)	0 12 0	0 9 0	0 15 0
Assignment of designs	9 0 0	2 10 0	5 15 0
Copies of drawings	0 8 0	0 17 0	0 6 0
Change of address .. .. .	.. .. .	0 4 0	.. .. .
Applications for extension of time	1 5 0	3 5 0	1 5 0
Miscellaneous	2 15 0	0 10 0	12 13 0
			182 1 6
<i>Trade-marks.</i>			
Application for registration	894 9 0	1,020 17 6	950 5 0
On registration	1,401 19 6	1,430 0 0	1,676 0 0
On association	47 9 0	53 0 0	52 1 0
On renewal of registration	806 19 0	749 19 0	816 1 6
Applications for extension of time	7 15 0	31 5 0	37 5 0
On giving notice of opposition	12 10 0	7 0 0	11 0 0
On assignment of trade-marks	162 0 0	138 19 0	172 10 0
Amendment of trade-marks	0 10 0	1 0 0	5 10 0
On cancellation	3 0 0	4 0 0	1 10 0
Extra space in <i>Journal</i>	22 4 0	28 4 0	34 0 0
Copies of trade-mark certificates	3 4 0	2 2 0	2 9 0
On request to enter change of address	2 17 0	5 19 0	4 4 0
On request to enter change of name	7 13 0	9 18 0	8 19 0
Certificates of Commissioner	24 0 0	15 0 0	13 10 0
Searches (Regulation 84)	26 7 6	26 0 6	31 2 6
Searches (Office)	26 14 0	35 18 0	37 14 3
On request to correct clerical errors	2 15 0	1 5 0	2 0 0
Entry in register of rectification thereof	0 15 0	1 0 0	.. .. .
Request to strike out goods	2 0 0	1 0 0	1 10 0
On restoration of trade-mark	4 0 0	7 0 0	3 0 0
On entry of memorandum of trade-mark	0 10 0	0 5 0	1 5 0
Miscellaneous	1 16 1	9 7 5	39 8 8
On hearing opposition .. .. .	.. .. .	.. .. .	3 0 0
			3,905 4 11

*For a complete analysis of fees received in 1928 and 1929 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 1930 (INCLUSIVE).

Year.	Patents.	Designs.	Trade-marks.	Total.	Year.	Patents.	Designs.	Trade-marks.	Total.
1910	1,831	46	818	2,695	1921	2,115	141	994	3,250
1911	1,740	21	861	2,622	1922	2,183	214	1,103	3,500
1912	1,737	44	779	2,560	1923	2,075	183	1,163	3,421
1913	1,775	65	787	2,627	1924	2,085	185	1,338	3,608
1914	1,574	55	687	2,316	1925	2,046	203	1,332	3,581
1915	1,299	89	565	1,953	1926	2,137	204	1,143	3,484
1916	1,261	113	666	2,040	1927	2,052	145	1,325	3,522
1917	1,329	83	619	2,031	1928	2,070	163	1,201	3,434
1918	1,386	53	695	2,134	1929	2,251	125	1,359	3,735
1919	1,880	74	1,272	3,226	1930	2,103	169	1,265	3,537
1920	2,193	109	1,391	3,693					

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	2,085
1925	177	764	1,007	98	324	41	831	99	356	756	2,046
1926	180	804	1,058	95	283	41	917	78	347	795	2,137
1927	153	752	1,028	119	284	49	841	95	330	793	2,052
1928	127	912	905	128	240	44	...	...	...	...	2,072
1929	141	1,118	867	125	216	40	...	...	...	...	2,251
1930	120	905	984	94	...	...	...	...	...	...	2,103

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 1929 AND 1930, TOGETHER WITH THE AVERAGE FOR THE YEARS 1924–28 (INCLUSIVE).

—	1924–28.	1929.	1930.	—	1924–28.	1929.	1930.
New Zealand ..	1,216.0	1,008	1,119	Java ..	0.2	..	..
Argentine Republic ..	1.6	1	2	Kenya ..	0.2	..	1
Austria ..	1.2	1	7	Mauritius ..	0.2	..	..
Belgium ..	7.2	13	4	Mexico ..	1.0	..	..
Canada ..	12.2	15	7	Netherlands ..	13.2	19	31
Cuba ..	0.4	..	..	New South Wales ..	123.8	123	119
Czecho-Slovakia ..	1.6	2	..	Northern Nigeria ..	0.2	..	..
Denmark ..	9.4	11	7	Norway ..	2.4	2	4
Dutch East Indies ..	0.2	..	..	Peru ..	..	1	..
Egypt ..	0.2	..	..	Queensland ..	17.4	15	18
Federated Malay States	0.4	..	..	South Australia ..	22.4	18	11
Finland ..	..	1	1	Southern Rhodesia ..	..	..	1
Fiji ..	0.2	1	..	Spain ..	0.4	1	..
France ..	23.0	35	17	Sweden ..	7.4	9	7
Germany ..	30.4	80	50	Switzerland ..	6.6	8	5
Great Britain ..	333.4	495	324	Tasmania ..	6.2	2	2
Hawaii ..	0.2	..	..	Union of South Africa	4.6	14	6
Hungary ..	0.8	2	..	United States of America	203.2	219	197
India ..	1.8	..	..	Victoria ..	121.4	150	151
Irish Free State ..	..	1	2	Western Australia ..	7.4	5	4
Italy ..	7.2	8	10	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 1929 AND 1930, TOGETHER WITH THE AVERAGE FOR THE YEARS 1924-28 (INCLUSIVE).

Class.	1924-28	1929.	1930.	Class.	1924-28	1929.	1930.
Advertising and displaying signs, &c.	32.4	24	23	Illuminating (except gas-manufacture)	66.6	60	59
Aeronautics	5.2	24	12	Indicating, calculating, and measuring (including moisture-testers)	59.8	74	80
Amusements, music, exercisers, games, &c.	75.4	56	72	Kitchen utensils and cooking appliances (including ovens)	62.6	45	56
Attaching and securing (including bolts, ties, &c.)	40.4	30	24	Lifting, hauling, and loading ..	54.2	49	41
Boilers (steam)	14.6	22	9	Locks, latches, and hinges ..	29.0	32	23
Boots and shoes	33.8	25	30	Marine and submarine (including lake and river engineering)	22.4	18	22
Bottles, bottling, and glass-working	30.4	44	46	Marking (tickets, labels, &c.) ..	8.8	16	16
Boxes, cans, and casks	83.6	58	84	Medicines and surgical appliances (including ear-instruments, dental work, &c.)	30.4	27	40
Brewing, distilling, &c.	11.4	18	18	Metal-working (including welding, stamping, and plating)	32.0	40	27
Brooms and brushes (including mops)	17.8	14	14	Milking-machines*	53.4	45	38
Building-construction	38.2	53	28	Minerals (including filtration, lixiviation, screens, &c.)	19.4	19	11
Building-construction (brick and cement compositions and moulding)	51.2	51	33	Minerals (magnetic separators) ..	0.8	3	—
Building-construction (windows and doors)	28.2	29	34	Minerals (stampers and pulverizers)	3.2	5	3
Chemicals	31.6	29	24	Oils and lubricators	31.0	26	25
Cleaning, polishing, &c.	24.6	44	30	Paints and painting (including kauri-gum)	14.6	24	19
Closets and urinals	23.0	31	32	Pipes, tubes, and hose	26.6	31	18
Coin-freed mechanism	6.8	21	8	Preserving	13.6	19	15
Cooling and freezing	20.0	42	33	Presses	8.8	9	17
Cultivating and tilling	52.8	58	61	Printing and photography	32.0	53	37
Cutting and sawing, and tools ..	63.2	49	66	Pumps and sprayers (except rotary pumps)	20.0	23	23
Dairying*	47.2	51	52	Railways and tramways	51.4	38	34
Drains and sewers	7.4	4	7	Roads and ways (including road watering)	23.2	25	19
Dredging and excavating (including rock-drills)	13.2	11	6	Seed-dressing, chaff-cutting, and threshing	7.0	7	8
Drying	20.0	21	22	Seed-sowers	16.4	31	29
Electricity and magnetism	130.8	146	121	Sewing and knitting	12.2	20	15
Engines (air, gas, and oil)	58.4	47	63	Sheep and cattle (including veterinary appliances)	27.6	35	36
Engines (steam), including rotary pumps	13.2	15	10	Sheep shearing and clipping	11.4	8	7
Engines (miscellaneous and engine accessories), including current motors, solar motors, tide motors, wave motors, windmills, miscellaneous motors	58.8	37	35	Shop and hotel fittings	19.0	25	29
Explosives, firearms, and targets ..	6.0	7	7	Stationery and paper	39.8	39	38
Exterminating (including trapping animals)	26.2	26	20	Telephony and telegraphy (including phonographs, &c.)	182.2	242	233
Fencing	24.0	27	25	Tobacco	11.8	11	17
Fencing (strainers)	6.8	2	4	Valves and cocks	18.0	20	18
Fibre-dressing (including rope-making)	24.2	41	22	Vehicles	194.6	147	112
Filters	6.6	6	9	Vehicles (velocipedes)	42.4	27	26
Fire alarms, escapes, ladders, and extinguishers	19.6	21	17	Ventilating	4.8	10	7
Food	26.8	22	28	Washing and cleansing	28.2	36	40
Furnaces and kilns (including smoke-consumers)	16.2	31	15	Water-supplying	11.2	7	10
Furniture and upholstery, desks, blinds, curtains, &c.	61.2	58	53	Wearing-apparel	44.0	34	43
Gas-manufacture for lighting, heating, or power purposes	9.4	10	11	Wools and hides	10.6	12	16
Harness (including horse, &c., covers)	5.6	5	3	Miscellaneous inventions not in other classes, as india-rubber-manufacture, fishing-appliances, &c.	23.0	34	31
Harvesting and grading	15.8	34	51				
Heating, and fuel-manufacture ..	64.0	49	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 PATENT SEALED, AND LETTERS PATENT IN FORCE FOR FULL TERM UNDER THE DIFFERENT PATENTS ACTS, UP TO 31ST DECEMBER, 1930 (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, 1921, to 30th June, 1922	16,750	7,773	1,660
" 1921-22 ...	...	17,901	10,162	875
Grand totals ...	...	66,230	33,199	6,068

I.—NUMBER OF APPLICATIONS FOR REGISTRATION OF DESIGNS IN EACH OF THE FIFTEEN CLASSES IN EACH OF THE YEARS 1928, 1929, AND 1930.

	1928.	1929.	1930.
<i>Class 1.</i> —Articles composed wholly of metal or in which metal predominates, and jewellery	90	70	62
<i>Class 2.</i> —Books and bookbinding of all materials	..	2	4
<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	20	28
<i>Class 4.</i> —Articles composed wholly of glass, earthenware, or porcelain, clay (burnt or baked), or cement, or in which such materials predominate	5	8	14
<i>Class 5.</i> —Articles composed wholly of paper, cardboard, millboard, or strawboard (except articles included in Class 2, and paperhangings), or in which such materials predominate	4	7	15
<i>Class 6.</i> —Articles composed wholly of leather or in which leather predominates, not included in other classes	..	..	4
<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	..	1	..
<i>Class 11.</i> —Millinery and wearing-apparel (except boots and shoes)	9	3	8
<i>Class 12.</i> —Goods not included in other classes	5	4	4
<i>Class 13.</i> —Printed or woven designs on textile piece-goods (other than checks or stripes)	7	1	20
<i>Class 14.</i> —Printed or woven designs on handkerchiefs and shawls (other than checks or stripes)	..	..	..
<i>Class 15.</i> —Printed or woven designs on textile piece-goods or on handkerchiefs or shawls being checks or stripes	3	7	10
	163	125	169

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 1929 AND 1930, TOGETHER WITH THE AVERAGE FOR THE YEARS 1924-28 (INCLUSIVE).

	1924-28.	1929.	1930.		1924-28.	1929.	1930.
New Zealand ..	481.6	512	535	Japan ..	1.0	..	4
Austria ..	1.6	1	..	Netherlands ..	11.0	23	23
Belgium ..	1.2	6	4	New South Wales ..	71.4	112	66
Canada ..	20.0	13	18	Northern Ireland ..	1.6	6	..
Ceylon ..	0.4	..	..	Norway ..	1.8	..	3
China ..	0.2	..	1	Palestine ..	0.2	..	..
Cuba ..	0.2	3	..	Queensland ..	2.4	2	7
Czecho-Slovakia ..	0.2	4	3	South Australia ..	0.8	1	1
Denmark ..	2.0	..	..	Spain ..	0.4	..	..
Dutch East Indies ..	0.2	..	..	Sweden ..	7.2	3	..
Finland ..	4.2	..	..	Switzerland ..	6.6	2	4
France ..	16.2	38	9	Tasmania ..	0.4	1	..
Germany ..	70.4	41	42	Union of South Africa	1.8	2	2
Hawaii ..	..	..	1	United States of America	202.6	191	196
Great Britain ..	309.2	340	322	Victoria ..	60.6	71	26
Hungary ..	0.2	..	..	Western Australia ..	0.2	..	..
India ..	0.2	..	..	Western Samoa ..	0.2	..	..
Italy ..	4.6	3	..				

K.—NUMBER OF APPLICATIONS TO REGISTER TRADE-MARKS IN THE FIFTY DIFFERENT CLASSES IN EACH OF THE YEARS 1929 AND 1930, TOGETHER WITH THE AVERAGE FOR THE YEARS 1924-1928 (INCLUSIVE).

Class.	Classification of Goods.	1924-28.	1929.	1930.
1	Chemical substances used in manufactures, photography, or philosophical research, and anti-corrosives	56·0	40	69
2	Chemical substances used for agricultural, horticultural, veterinary, and sanitary purposes	43·6	55	52
3	Chemical substances prepared for use in medicine and pharmacy	75·6	77	108
4	Raw or partly prepared vegetable, animal, and mineral substances used in manufactures not included in other classes	20·2	13	29
5	Unwrought and partly wrought metals used in manufacture	13·8	19	12
6	Machinery of all kinds, and parts of machinery, except agricultural and horticultural machines included in Class 7	44·0	48	43
7	Agricultural and horticultural machinery, and parts of such machinery	8·4	7	12
8	Philosophical instruments, scientific instruments, and apparatus for useful purposes; instruments and apparatus for teaching	68·6	76	65
9	Musical instruments	15·4	20	5
10	Horological instruments	8·2	5	3
11	Instruments, apparatus, and contrivances, not medicated, for surgical or curative purposes, or in relation to the health of men or animals	11·0	9	14
12	Cutlery and edge tools	12·0	5	20
13	Metal goods not included in other classes	47·6	56	36
14	Goods of precious metals (including aluminium, nickel, Britannia-metal, &c.) and jewellery, and imitations of such goods and jewellery	6·6	2	2
15	Glass	10·4	13	13
16	Porcelain and earthenware	3·2	7	3
17	Manufactures from mineral and other substances for building or decoration	21·6	13	18
18	Engineering, architectural, and building contrivances	16·6	19	11
19	Arms, ammunition, and stores not included in Class 20	1·6	..	1
20	Explosive substances	2·4	..	2
21	Naval architectural contrivances and naval equipments not included in Classes 19 and 20	1·4	..	..
22	Carriages	20·8	20	13
23	(a) Cotton-yarn; (b) sewing cotton	4·6	2	1
24	Cotton piece-goods of all kinds	27·6	38	25
25	Cotton goods not included in Classes 23, 24, and 38	7·4	10	6
26	Linen and hemp yarn and thread	0·2	1	1
27	Linen and hemp piece-goods	3·0	2	2
28	Linen and hemp goods not included in Classes 26, 27, and 50	1·8	3	..
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	1·6	3	..
31	Silk piece-goods	4·8	5	3
32	Other silk goods not included in Classes 30 and 31	1·8	1	..
33	Yarns of wool, worsted, or hair	3·8	2	..
34	Cloths and stuffs of wool, worsted, or hair	5·4	4	4
35	Woollen and worsted and hair goods not included in Classes 33 and 34	2·0	1	1
36	Carpets, floorcloth, and oilcloth	4·2	12	2
37	Leather, skins (unwrought and wrought), and articles made of leather not included in other classes	9·6	12	5
38	Articles of clothing	100·8	115	77
39	Paper (except paperhangings), stationery, and bookbinding	45·0	46	44
40	Goods manufactured from indiarubber and guttapercha not included in other classes	13·2	25	18
41	Furniture and upholstery	8·2	15	12
42	Substances used as food or as ingredients in food	188·8	236	238
43	Fermented liquors and spirits	39·8	34	29
44	Mineral and aerated waters (natural and artificial), including ginger-beer	12·4	18	13
45	Tobacco, whether manufactured or unmanufactured	28·6	26	21
46	Seeds for agricultural and horticultural purposes	1·4	5	2
47	Candles, common soap, detergents; illuminating, heating, or lubricating oils; matches; and starch, blue, and other preparations for laundry purposes	91·6	66	67
48	Perfumery (including toilet articles), preparations for the teeth and hair, and perfumed soap	58·8	53	64
49	Games of all kinds, and sporting articles not included in other classes	12·6	13	11
50	Miscellaneous	76·4	106	88

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