

1934.  
NEW ZEALAND.

# PATENTS, DESIGNS, AND TRADE-MARKS.

FORTY-FIFTH 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.

The total number of applications received for the grant of letters patent, and for the registration of designs and trade-marks was 2,718.

During the year the total fees received by the Office in respect of patents, designs, and trade-marks amounted to £11,694 11s. 10d., a decrease of £340 7s. 6d. on the figures for the previous year. This decrease is, however, more than balanced by a reduction in the expenditure, the total amount under this head (£4,378 18s. 10d.) being £403 8s. 2d. less than the expenditure for 1932. It is satisfactory to note that the figures for the last five years compare favourably with those for the preceding five years, the average revenue for 1929-1933 being £13,076 8s. (as against £12,839 7s. 1d. for 1924-1928) and the average surplus for 1929-1933 being £7,809 13s. 11d. (as against £7,381 19s. 11d. for 1924-1928). The total surplus of the Office since the 1st January, 1890, is £189,078 9s. 4d.

### PATENTS.

The number of applications received during 1933 was 1,761 (1,845),\* of which 978 (1,192) were filed with provisional specifications, and 784 (654) were accompanied by complete specifications; 251 (280) complete specifications were lodged during the year in respect of applications with which provisional specifications had been filed. The total number of applications received to the 31st December, 1933, was 71,906, and the number of patents in force at that date was 7,567, made up as follows: Patents sealed and third-year fees paid from the 31st December, 1930, to the 31st December, 1933, 2,500 and 2,037 respectively; sixth-year fees from the 31st December, 1923, to the 31st December, 1933, 3,026; patents in respect of which an extension of their term has been granted by order of the Supreme Court, 4.

The number of patents sealed after the prescribed time was 1, and the number of lapsed patents restored to the register was 2, the corresponding figures for the previous year having been the same.

The amount received in patent fees during 1933 was £8,261 18s. 4d., being £352 18s. 7d. less than 1932.

With regard to applications under the various classes of inventions, the main increases occur in telephony and telegraphy (including phonographs, &c.), 313 (210); engines (three classes), 127 (99); dairying 68 (45); brewing, distilling, &c., 21 (6); pipes, tubes, and hose, 33 (21); locks, latches, and hinges, 30 (19); and cooling and freezing, 36 (25). Included in the decreases in applications are the following: Building-construction (three classes), 52 (95); cultivating and tilling, 29 (52); electricity and magnetism, 69 (95); furniture and upholstery, desks, blinds, curtains, &c., 20 (42); indicating, calculating, and measuring (including moisture-testers), 44 (65); and medicines and surgical appliances, 28 (49).

The increase referred to above in inventions relating to telephony and telegraphy emphasizes the steadily increasing importance of radio, and its attendant problems. This class of invention has for many years shown great activity, and the sudden leap in the number of inventions under this head last year calls for special comment. The broadcasting industry depends for its existence upon patent monopolies, and the international aspect of these monopolies becomes yearly more intricate and important. This is particularly so on account of the growing tendency for this kind of property to be controlled by large organizations, whose fees and evidence of title are sometimes questioned by customers. It is unnecessary to stress the extraordinarily powerful position that radio already occupies in regard to national and international welfare, and the rapidity of the growth of the industry makes it difficult to forecast the limits of future development. It has become quite evident, however, that fresh provisions in regard to local law and international conventions are necessary from time to time, to meet the unusual problems to which radio gives rise.

\* The figures in parentheses are for 1932.

## DESIGNS.

The number of applications for registration of designs lodged during the year was 143, being 18 less than in 1932, bringing the total number of applications as at 31st December, 1933, to 3,447. The number of design registrations in force at that date was 877, of which 107 were registered during the year; 132 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 30 cases, while 11 were renewed for the third term of five years.

The number of applications lodged by persons resident in New Zealand was 92 (116); 15 (18) were from Great Britain; 23 (27) from Australia; 9 (2) from the United States of America; 1 (0) from Canada; and 3 (0) from Japan.

Applications lodged covered nine classes: 74 applications were lodged in respect of articles included in Class 1 (articles composed wholly of metal or in which metal predominates, and jewellery), 33 in Class 3 (articles composed wholly of wood, bone, ivory, papier mâché, or other solid substances not included in other classes, or of materials in which such substances predominate), and 14 in Class 5 (articles composed wholly of paper, cardboard, millboard, or strawboard—except articles included in Class 2 and paperhangings—or in which such materials predominate).

The fees received during the year in respect of designs amounted to £140 18s. 2d., a decrease of £6 15s. 4d. as compared with 1932.

## TRADE-MARKS.

There were 814 applications for registration of trade-marks during the year, being 111 less than in 1932. Applications for registration from persons resident in New Zealand showed a falling-off of 79 on the previous year. Similarly, there was a decrease in the number of applications from Great Britain, there being 53 less than the number lodged in 1933, when there were 232 applications. There was no alteration in the number of applications from the United States of America, but the number from the Commonwealth of Australia showed a slight increase, there being 92 as against 88 in the previous year.

Notwithstanding that there were fewer applications for registration, the amount received during the year in respect of trade-mark fees was slightly higher than the amount received in 1932, the amounts being £3,207 4s. 10d. and £3,212 4s. 3d. respectively. Fees paid in respect of renewal of registration of trade-marks showed the principal increase, there being a difference of £441 19s. 1d. under this head, while there was a decrease of £43 17s. in the fees paid in respect of assignment of trade-marks.

The greatest number of applications in any one class was in Class 42 (substances used as food or as ingredients in food), there being 155. This number, however, was 49 less than the number in Class 42 for the previous year. The next greatest number of applications in any one class was in Class 38 (articles of clothing). In the remaining principal classes the number of applications was as follows: Class 3 (chemical substances, prepared for use in medicine and pharmacy), 81 (72); Class 48 (perfumery, including toilet articles, preparations for the teeth and hair, and perfumed soap), 45 (40); Class 2 (chemical substances, used for agricultural, horticultural, veterinary, and sanitary purposes), 45 (31); Class 8 (philosophical instruments, scientific instruments, and apparatus for useful purposes; instruments and apparatus for teaching), 35 (43); Class 45 (tobacco, whether manufactured or unmanufactured), 37 (29).

## PATENT AGENTS.

The number of patent attorneys on the register as at 31st December, 1933, was 18.

## CONCLUSION.

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

- A. Receipts and Payments Account for the Year ended 31st December, 1933.
- B. Table showing Receipts and Payments for each of the Last Ten Years.
- C. Particulars of Fees received from 1st January to 31st December, 1933, together with the Corresponding Figures for the Years 1931 and 1932.
- D. Total Number of Applications for Patents and for Registration of Designs and Trade-marks recorded for the Years 1911 to 1933 (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 1932 and 1933, together with the Average for the Years 1927–31 (inclusive).
- G. Number of Applications for Patents for the Different Classes of Inventions in each of the Years 1932 and 1933, together with the Average for the Years 1927–31 (inclusive).
- 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, 1933 (inclusive).
- I. Number of Applications for Registration of Designs in each of the Fifteen Classes in each of the Years 1931, 1932, and 1933.
- 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 1932 and 1933, together with the Average for the Years 1927–31 (inclusive).
- K. Number of Applications to register Trade-marks in the Fifty Different Classes in each of the Years 1932 and 1933, together with the Average for the Years 1927–31 (inclusive).

H. T. ATKINSON,

Commissioner of Patents, Designs, and Trade-marks.

Patent Office, Wellington, 27th August, 1934.

## PATENT OFFICE.

<i>Receipts.</i>	£	s.	d.	<i>Payments.</i>	£	s.	d.
Patent fees .. .. .	8,261	18	4	Salaries .. .. .	3,480	0	9
Designs fees .. .. .	140	18	2	Advertising .. .. .	21	17	6
Trade-mark fees .. .. .	3,212	4	3	Fuel, light, &c. .. .. .	33	10	7
Sales of Acts, Journals, &c.—				Postage, telegrams, and telephones .. .. .	104	19	5
At Government Printing Office .. .. .	65	8	2	Printing and stationery.. .. .	614	1	0
At Patent Office .. .. .	14	2	11	Typewriters .. .. .	2	11	7
				Contingencies .. .. .	4	6	8
	79	11	1	Refunds .. .. .	32	11	6
				International Union for the Protection of Industrial Property ; Annual contribution by New Zealand as a member .. .. .	84	19	10
				Balance : Cash in Public Account .. .. .	7,315	13	0
	£11,694	11	10		£11,694	11	10

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.

Year.	Receipts.			Payments.			Surplus.			Year.	Receipts.			Payments.			Surplus.		
	£	s.	d.	£	s.	d.	£	s.	d.		£	s.	d.	£	s.	d.	£	s.	d.
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
1926	12,426	0	8	5,836	2	0	6,589	18	8	1931	13,390	11	6	5,466	7	8	7,924	3	10
1927	12,642	2	6	5,387	7	1	7,254	15	5	1932	12,034	19	4	4,782	7	0	7,252	12	4
1928	13,302	10	11	5,374	2	10	7,931	8	1	1933	11,694	11	10	4,378	18	10	7,315	13	0

	1931.*	1932.*	1933.
<i>Patents.</i>			
	£ s. d.	£ s. d.	£ s. d.
Applications for patents with provisional specifications .. ..	1,298 0 0	1,183 0 0	978 0 0
Applications for patents with complete specifications .. ..	1,556 0 0	1,318 0 0	1,574 0 0
Complete specifications left after provisional specifications .. ..	512 0 0	568 0 0	502 0 0
Applications for extension of time .. ..	144 19 6	188 19 6	179 10 0
On giving notice of opposition .. ..	2 10 0	6 10 0	3 0 0
On hearing opposition .. ..	4 0 0	.. ..	.. ..
On request for sealing letters patent .. ..	918 0 0	765 0 0	748 0 0
On request for duplicate deeds of letters patent .. ..	1 0 0	.. ..	2 0 0
On request for sealing letters patent after prescribed time .. ..	6 0 0	.. ..	3 0 0
On sealing letters patent after prescribed time .. ..	5 10 0	9 10 0	2 10 0
Renewal fees paid before end of third year .. ..	2,257 10 0	2,212 10 0	1,881 0 0
Renewal fees paid before end of sixth year .. ..	2,196 0 0	2,004 0 0	2,061 0 0
Applications for restoration of lapsed patents .. ..	8 0 0	12 0 0	12 0 0
On restoration of letters patent .. ..	22 0 0	51 0 0	38 0 0
On request to enter name of subsequent proprietor, &c., on register .. ..	64 6 0	55 0 0	48 10 0
On request to correct clerical errors .. ..	2 5 0	1 10 0	0 10 0
Certificates of Commissioner .. ..	21 15 0	44 0 0	42 15 0
Copies of specifications and drawings .. ..	36 3 1	53 8 9	43 12 6
Application for registration as patent agent .. ..	.. ..	2 2 0	.. ..
Patent agents' renewal fees .. ..	54 12 0	21 0 0	50 8 0
Patent agents' examination fees .. ..	3 3 0	3 3 0	.. ..
Searches .. ..	35 19 6	49 1 0	43 3 9
Amendment of letters patent .. ..	16 0 0	30 0 0	3 0 0
Request to enter change of name .. ..	0 15 0	.. ..	.. ..
Request to enter change of address .. ..	0 19 0	0 11 0	0 15 0
Application for endorsement of letters patent "Licenses of Right" .. ..	4 0 0	.. ..	3 0 0
Advertising in <i>Journal</i> , &c., under Supreme Court Rules .. ..	1 8 0	.. ..	.. ..
Application for entry of order of Supreme Court in register .. ..	0 5 0	.. ..	.. ..
Weekly lists .. ..	22 14 0	10 16 0	5 4 0
Miscellaneous .. ..	36 2 11	25 15 8	37 0 1
			8,261 18 4

\* For a complete analysis of fees received in 1931 and 1932 see Reports for those years respectively.

C.—PARTICULARS OF FEES RECEIVED FROM 1ST JANUARY TO 31ST DECEMBER, 1933, TOGETHER WITH THE CORRESPONDING FIGURES FOR THE YEARS 1931 AND 1932—*continued*.

	1931.*	1932.*	1933.
<i>Designs.</i>			
	£ s. d.	£ s. d.	£ s. d.
Application for registration of designs .. .. .	68 0 0	76 10 0	66 0 0
On extension of period of copyright under section 56 (2) .. .. .	18 0 0	41 0 0	32 0 0
On extension of period of copyright under section 56 (3) .. .. .	22 0 0	22 0 0	34 0 0
Searches (Regulation 42) .. .. .	0 12 6	0 12 6	0 12 6
Searches (Office) .. .. .	0 10 0	1 4 0	1 14 0
Certificates of Commissioner .. .. .	0 5 0	0 5 0	1 0 0
Assignment of designs .. .. .	1 0 0	1 10 0	2 10 0
Copies of drawings .. .. .	0 1 0	0 12 6	1 9 0
Change of name .. .. .	2 0 0	0 10 0	..
Applications for extension of time .. .. .	0 10 0	0 10 0	0 15 0
Miscellaneous .. .. .	2 15 0	2 19 6	0 17 8
			140 18 2
<i>Trade-marks.</i>			
	750 15 0	697 10 0	610 10 0
Application for registration .. .. .	1,186 11 6	1,179 10 0	921 15 0
On registration .. .. .	30 12 0	21 11 0	9 10 0
On association .. .. .	1,651 9 7	944 9 11	1,386 9 0
On renewal of registration .. .. .	40 15 0	29 15 0	15 15 0
Applications for extension of time .. .. .	3 0 0	4 0 0	5 0 0
On giving notice of opposition .. .. .	2 0 0	2 0 0	..
On hearing opposition .. .. .	142 3 6	153 13 0	109 16 0
On assignment of trade-marks .. .. .	5 5 0	2 10 0	1 0 0
Amendment of trade-marks .. .. .	4 5 0	4 0 0	4 10 0
On cancellation .. .. .	0 10 0	..	1 0 0
On request under section 73 (6) .. .. .	21 0 0	17 4 0	14 16 0
Extra space in <i>Journal</i> .. .. .	1 8 0	3 3 0	3 1 0
Copies of trade-mark certificates .. .. .	5 9 0	13 18 0	19 15 0
On request to enter change of address .. .. .	7 13 0	10 18 0	5 11 0
On request to enter change of name .. .. .	1 0 0	2 0 0	2 0 0
On request under section 99 .. .. .	10 5 0	18 5 0	15 8 0
Certificates of Commissioner .. .. .	35 19 6	45 1 6	29 6 6
Searches (Regulation 84) .. .. .	32 10 0	34 14 0	32 9 0
Searches (Office) .. .. .	1 15 0	1 0 0	0 5 0
On request to correct clerical errors .. .. .	2 10 0	0 10 0	1 0 0
Entry in register of rectification thereof .. .. .	6 5 0	3 0 0	4 10 0
Request to strike out goods .. .. .	8 0 0	5 0 0	5 0 0
On restoration of trade-mark .. .. .	15 11 0	13 12 5	13 17 9
Miscellaneous .. .. .			3,212 4 3

\* For a complete analysis of fees received in 1931 and 1932 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 1911 TO 1933 (INCLUSIVE).

Year.	Patents.	Designs.	Trade-marks.	Total.	Year.	Patents.	Designs.	Trade-marks.	Total.
1911	1,740	21	861	2,622	1923	2,075	183	1,163	3,421
1912	1,737	44	779	2,560	1924	2,085	185	1,338	3,608
1913	1,775	65	787	2,627	1925	2,046	203	1,332	3,581
1914	1,574	55	687	2,316	1926	2,137	204	1,143	3,484
1915	1,299	89	565	1,953	1927	2,052	145	1,325	3,522
1916	1,261	113	666	2,040	1928	2,070	163	1,201	3,434
1917	1,329	83	619	2,031	1929	2,251	125	1,359	3,735
1918	1,386	53	695	2,134	1930	2,103	169	1,265	3,537
1919	1,880	74	1,272	3,226	1931	2,065	151	999	3,215
1920	2,193	109	1,391	3,693	1932	1,845	164	925	2,934
1921	2,115	141	994	3,250	1933	1,761	143	814	2,718
1922	2,183	214	1,103	3,500					

## 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	753	98	291	932	2,072
1929	141	1,118	867	125	216	40	753	114	266	1,118	2,251
1930	120	905	984	94	241	32	828	90	275	910	2,103
1931	117	649	1,213	87	255	32	...	...	...	...	2,065
1932	95	559	1,120	71	265	27	...	...	...	...	1,845
1933	96	688	909	69	...	...	...	...	...	...	1,762

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 1932 AND 1933, TOGETHER WITH THE AVERAGE FOR THE YEARS 1927-31 (INCLUSIVE).

—	1927-31.	1932.	1933.	—	1927-31.	1932.	1933.
New Zealand ..	1,137.6	1,211	1,009	Kenya ..	0.2	..	..
Argentine Republic ..	1.0	1	2	Luxembourg ..	..	..	1
Austria ..	3.2	1	4	Mauritius ..	0.2	..	..
Belgium ..	7.8	2	1	Mexico ..	1.0	..	..
Canada ..	14.8	6	6	Netherlands ..	16.6	1	7
Cuba ..	0.2	..	..	New South Wales ..	112.4	73	68
Czecho-Slovakia ..	1.2	..	..	Northern Nigeria ..	0.2	..	..
Denmark ..	5.8	5	4	Norway ..	3.2	1	1
Dutch East Indies ..	0.2	..	..	Peru ..	0.2	..	..
Egypt ..	0.2	..	..	Philippine Islands ..	..	1	..
Esthonia ..	..	1	..	Queensland ..	16.0	19	15
Federated Malay States ..	0.2	..	..	South Australia ..	18.6	5	6
Finland ..	0.6	..	..	South West Africa ..	..	..	1
Fiji ..	0.2	..	..	Spain ..	1.2	1	..
France ..	23.8	10	12	Straits Settlements ..	..	..	1
Germany ..	52.2	51	124	Sweden ..	8.8	3	10
Guatemala ..	..	..	1	Switzerland ..	6.2	4	3
Great Britain ..	359.6	267	320	Tasmania ..	3.8	2	1
Hungary ..	0.8	..	..	Union of South Africa ..	6.2	5	..
India ..	1.0	..	..	United States of America ..	190.4	82	70
Irish Free State ..	0.6	4	..	Victoria ..	127.0	78	86
Italy ..	7.2	5	4	Western Australia ..	4.2	5	6
Japan ..	0.6	..	2	Western Samoa ..	0.2	..	..

G.—NUMBER OF APPLICATIONS FOR PATENTS FOR THE DIFFERENT CLASSES OF INVENTIONS IN EACH OF THE YEARS 1932 AND 1933, TOGETHER WITH THE AVERAGE FOR THE YEARS 1927–31 (INCLUSIVE).

Class.	1927-31.	1932.	1933.	Class.	1927-31.	1932.	1933.
Advertising and displaying signs, &c.	29·2	27	20	Illuminating (except gas-manufacture)	61·6	54	42
Aeronautics .. .. .	12·4	18	6	Indicating, calculating, and measuring (including moisture-testers)	68·6	65	44
Amusements, music, exercisers, games, &c.	67·8	59	56	Kitchen utensils and cooking appliances (including ovens)	58·8	58	48
Attaching and securing (including bolts, ties, &c.)	27·0	25	20	Lifting, hauling, and loading ..	65·4	34	18
Boilers (steam) .. .. .	12·2	6	2	Locks, latches, and hinges ..	28·2	19	30
Boots and shoes .. .. .	27·4	26	22	Marine and submarine (including lake and river engineering)	18·2	21	16
Bottles, bottling, and glass-working	37·2	21	21	Marking (tickets, labels, &c.) ..	13·8	9	9
Boxes, cans, and casks .. ..	80·4	90	83	Medicines and surgical appliances (including ear-instruments, dental work, &c.)	30·6	49	28
Brewing, distilling, &c. .. ..	15·8	6	21	Metal-working (including welding, stamping, and plating)	30·4	16	15
Brooms and brushes (including mops)	15·8	23	19	Milking-machines* .. .. .	40·8	50	42
Building-construction .. .. .	46·8	36	18	Minerals (including filtration, lixiviation, screens, &c.)	17·2	18	27
Building-construction (brick and cement compositions and moulding)	43·0	31	9	Minerals (magnetic separators) ..	1·4	..	1
Building-construction (windows and doors)	28·8	28	25	Minerals (stampers and pulverizers)	2·8	4	4
Chemicals .. .. .	21·8	5	13	Oils and lubricators .. .. .	26·4	12	23
Cleaning, polishing, &c. .. ..	28·0	18	9	Paints and painting (including kauri-gum)	18·6	12	6
Closets and urinals .. .. .	28·6	24	13	Pipes, tubes, and hose .. .. .	23·8	21	33
Coin-freed mechanism .. .. .	12·6	14	17	Preserving .. .. .	14·4	16	17
Cooling and freezing .. .. .	28·6	25	36	Presses .. .. .	9·6	6	9
Cultivating and tilling .. ..	48·8	52	29	Printing and photography .. ..	37·0	18	20
Cutting and sawing, and tools ..	60·6	55	52	Pumps and sprayers (except rotary pumps)	25·4	23	29
Dairying* .. .. .	48·2	45	68	Railways and tramways .. ..	38·8	14	9
Drains and sewers .. .. .	5·8	5	1	Roads and ways (including road watering)	22·4	18	10
Dredging and excavating (including rock drills)	10·8	9	7	Seed-dressing, chaff-cutting, and threshing	8·0	7	6
Drying .. .. .	20·6	16	9	Seed-sowers .. .. .	25·8	13	9
Electricity and magnetism ..	126·8	95	66	Sewing and knitting .. .. .	13·6	32	27
Engines (air, gas, and oil) ..	55·2	49	56	Sheep and cattle (including veterinary appliances)	30·4	39	29
Engines (steam), including rotary pumps	13·0	12	29	Sheep shearing and clipping ..	9·0	3	..
Engines (miscellaneous and engine accessories), including current motors, solar motors, tide motors, wave motors, windmills, miscellaneous motors	39·6	38	42	Shop and hotel fittings .. ..	27·6	28	20
Explosives, firearms, and targets ..	7·2	2	3	Stationery and paper .. .. .	43·0	44	40
Exterminating (including trapping animals)	18·6	19	26	Telephony and telegraphy (including phonographs, &c.)	202·6	210	313
Fencing .. .. .	25·2	11	10	Tobacco .. .. .	14·4	25	12
Fencing (strainers) .. .. .	5·0	3	1	Valves and cocks .. .. .	16·6	12	15
Fibre-dressing (including rope-making)	32·4	12	14	Vehicles .. .. .	129·8	69	60
Filters .. .. .	8·0	4	5	Vehicles (velocipedes) .. ..	32·2	23	18
Fire alarms, escapes, ladders, and extinguishers	18·8	7	14	Ventilating .. .. .	6·2	6	13
Food .. .. .	24·6	15	19	Washing and cleansing .. ..	34·8	45	27
Furnaces and kilns (including smoke-consumers)	19·2	16	16	Water-supplying .. .. .	9·0	8	4
Furniture and upholstery, desks, blinds, curtains, &c.	61·6	42	20	Wearing-apparel .. .. .	43·8	46	48
Gas-manufacture for lighting, heating, or power purposes	8·6	5	4	Wools and hides .. .. .	14·2	21	11
Harness (including horse, &c., covers)	4·4	3	3	Miscellaneous inventions not in other classes, as india-rubber-manufacture, fishing-appliances, &c.	30·2	15	14
Harvesting and grading .. ..	32·0	34	20				
Heating, and fuel-manufacture ..	44·4	55	51				

\* 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, 1933 (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 ... ..	...	23,572	12,673	1,894
Grand totals ... ..	...	71,901	35,710	7,087

I.—NUMBER OF APPLICATIONS FOR REGISTRATION OF DESIGNS IN EACH OF THE FIFTEEN CLASSES IN EACH OF THE YEARS 1931, 1932, AND 1933.

	1931.	1932.	1933.
<i>Class 1.</i> —Articles composed wholly of metal or in which metal predominates, and jewellery	36	66	74
<i>Class 2.</i> —Books and bookbinding of all materials .. .. .	2	..	..
<i>Class 3.</i> —Articles composed wholly of wood, bone, ivory, papier mâché, or other solid substances not included in other classes, or of materials in which such substances predominate	38	41	33
<i>Class 4.</i> —Articles composed wholly of glass, earthenware, or porcelain, clay (burnt or baked), or cement, or in which such materials predominate	27	9	6
<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	6	14
<i>Class 6.</i> —Articles composed wholly of leather or in which leather predominates, not included in other classes	1	3	4
<i>Class 7.</i> —Paperhangings .. .. .	..	..	..
<i>Class 8.</i> —Carpets, rugs, and floor-coverings in all materials .. ..	..	..	..
<i>Class 9.</i> —Lace .. .. .	2	..	..
<i>Class 10.</i> —Boots and shoes .. .. .	..	2	2
<i>Class 11.</i> —Millinery and wearing-apparel (except boots and shoes) ..	14	15	..
<i>Class 12.</i> —Goods not included in other classes .. .. .	5	16	5
<i>Class 13.</i> —Printed or woven designs on textile piece-goods (other than checks or stripes)	5	1	4
<i>Class 14.</i> —Printed or woven designs on handkerchiefs and shawls (other than checks or stripes)	..	1	..
<i>Class 15.</i> —Printed or woven designs on textile piece-goods or on handkerchiefs or shawls being checks or stripes	6	4	1
	151	164	143

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 1932 AND 1933, TOGETHER WITH THE AVERAGE FOR THE YEARS 1927-31 (INCLUSIVE).

	1927-31.	1932.	1933.		1927-31.	1932.	1933.
New Zealand .. ..	509.4	532	453	Japan .. ..	2.2	3	1
Austria .. ..	1.8	..	..	Netherlands .. ..	14.4	..	..
Belgium .. ..	3.0	1	..	New South Wales .. ..	79.8	45	56
Canada .. ..	13.2	9	10	Northern Ireland .. ..	2.8	2	4
China .. ..	0.4	..	..	Norway .. ..	1.2	..	..
Cuba .. ..	1.0	..	..	Palestine .. ..	0.2	..	..
Czecho-Slovakia .. ..	1.6	..	..	Poland .. ..	..	..	1
Denmark .. ..	1.0	..	..	Queensland .. ..	2.4	1	..
Egypt .. ..	0.6	2	1	South Australia .. ..	3.0	..	1
Finland .. ..	0.2	..	..	South-west Africa .. ..	0.2	..	..
France .. ..	16.8	9	2	Spain .. ..	..	1	..
Germany .. ..	72.8	10	5	Sweden .. ..	3.4	1	4
Great Britain .. ..	290.2	232	179	Switzerland .. ..	5.4	..	..
Hawaii .. ..	0.2	..	..	Tasmania .. ..	0.6	..	..
Holland .. ..	..	..	2	Union of South Africa .. ..	1.2	..	1
Hungary .. ..	..	1	..	United States of America	177.6	58	58
Italy .. ..	2.6	1	1	Victoria .. ..	42.2	42	35
Jamaica .. ..	..	1	..				

K.—NUMBER OF APPLICATIONS TO REGISTER TRADE-MARKS IN THE FIFTY DIFFERENT CLASSES IN EACH OF THE YEARS 1932 AND 1933, TOGETHER WITH THE AVERAGE FOR THE YEARS 1927-1931 (INCLUSIVE).

Class.	Classification of Goods.	1927-31.	1932.	1933.
1	Chemical substances used in manufactures, photography, or philosophical research, and anti-corrosives	57·2	30	21
2	Chemical substances used for agricultural, horticultural, veterinary, and sanitary purposes	47·4	31	45
3	Chemical substances prepared for use in medicine and pharmacy .. ..	83·8	72	81
4	Raw or partly prepared vegetable, animal, and mineral substances used in manufactures not included in other classes	18·6	17	4
5	Unwrought and partly wrought metals used in manufacture .. ..	12·0	4	5
6	Machinery of all kinds, and parts of machinery, except agricultural and horticultural machines included in Class 7	44·0	21	12
7	Agricultural and horticultural machinery, and parts of such machinery ..	6·6	4	4
8	Philosophical instruments, scientific instruments, and apparatus for useful purposes; instruments and apparatus for teaching	61·8	43	35
9	Musical instruments .. ..	13·2	4	..
10	Horological instruments .. ..	5·8	3	2
11	Instruments, apparatus, and contrivances, not medicated, for surgical or curative purposes, or in relation to the health of men or animals	9·8	11	15
12	Cutlery and edge tools .. ..	9·4	12	4
13	Metal goods not included in other classes .. ..	40·8	25	24
14	Goods of precious metals (including aluminium, nickel, Britannia-metal, &c.) and jewellery, and imitations of such goods and jewellery	3·8	3	4
15	Glass .. ..	7·4	5	2
16	Porcelain and earthenware .. ..	2·8	3	1
17	Manufactures from mineral and other substances for building or decoration ..	18·6	9	7
18	Engineering, architectural, and building contrivances .. ..	16·6	8	7
19	Arms, ammunition, and stores not included in Class 20 .. ..	0·8	..	..
20	Explosive substances .. ..	1·6	..	2
21	Naval architectural contrivances and naval equipments not included in Classes 19 and 20	0·3	..	..
22	Carriages .. ..	20·2	10	7
23	(a) Cotton-yarn; (b) sewing cotton .. ..	1·3	2	2
24	Cotton piece-goods of all kinds .. ..	26·2	17	5
25	Cotton goods not included in Classes 23, 24, and 38 .. ..	7·4	5	5
26	Linen and hemp yarn and thread .. ..	0·3	..	..
27	Linen and hemp piece-goods .. ..	2·4	3	1
28	Linen and hemp goods not included in Classes 26, 27, and 50 .. ..	1·9	..	2
29	Jute yarns and tissues, and other articles made of jute not included in Class 50	0·3	..	..
30	Silk, spun, thrown, or sewing .. ..	1·8	2	..
31	Silk piece-goods .. ..	4·9	..	1
32	Other silk goods not included in Classes 30 and 31 .. ..	1·1	..	..
33	Yarns of wool, worsted, or hair .. ..	2·6	6	5
34	Cloths and stuffs of wool, worsted, or hair .. ..	4·2	11	3
35	Woollen and worsted and hair goods not included in Classes 33 and 34 ..	1·7	1	..
36	Carpets, floorcloth, and oilcloth .. ..	4·2	..	3
37	Leather, skins (unwrought and wrought), and articles made of leather not included in other classes	9·5	7	7
38	Articles of clothing .. ..	93·7	81	78
39	Paper (except paperhangings), stationery, and bookbinding .. ..	40·4	35	19
40	Goods manufactured from indiarubber and guttapercha not included in other classes	16·2	13	22
41	Furniture and upholstery .. ..	9·4	4	8
42	Substances used as food or as ingredients in food .. ..	203·1	204	155
43	Fermented liquors and spirits .. ..	33·9	19	22
44	Mineral and aerated waters (natural and artificial), including ginger-beer ..	12·2	5	6
45	Tobacco, whether manufactured or unmanufactured .. ..	20·6	29	37
46	Seeds for agricultural and horticultural purposes .. ..	1·9	6	3
47	Candles, common soap, detergents; illuminating, heating, or lubricating oils; matches; and starch, blue, and other preparations for laundry purposes	72·2	54	42
48	Perfumery (including toilet articles), preparations for the teeth and hair, and perfumed soap	54·4	40	45
49	Games of all kinds, and sporting articles not included in other classes ..	15·0	9	11
50	Miscellaneous .. ..	78·7	57	50

Approximate Cost of Paper.—Preparation, not given; printing (460 copies), £12 10s.

By Authority: G. H. LONEY, Government Printer, Wellington.—1934.

Price 6d.]