

1938.  
NEW ZEALAND.

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# PATENTS, DESIGNS, AND TRADE-MARKS.

FORTY-NINTH ANNUAL REPORT OF THE COMMISSIONER.

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

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## REPORT.

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I HAVE the honour, in accordance with section 128, to submit my report on the administration of the Act during the year 1937.

The total number of proceedings instituted during the year for the grant of letters patent and for the registration of designs and trade-marks was 2,914, which is higher than any total since 1932 with the exception of 1936, when special circumstances contributed towards unusual activity in certain branches of the work of the Office.

The fees received by the Patent Office during the year in respect of patents, designs, and trade-marks reached a total of £13,407 3s. 7d., which, it is satisfactory to note, exceeds the receipts in any year since 1930. The corresponding amount for 1936 was £13,276 1s. 4d., being £131 2s. 3d. less than was received in 1937. The expenditure during the year amounted to £5,623 9s. 1d., and the excess of receipts over expenditure was £7,783 14s. 6d. The total surplus of the Office since 1st January, 1890, is £220,975 11s. 4d.

### PATENTS.

Very little variation occurred in the number of proceedings for the grant of letters patent as compared with the number for the year 1936; the totals were 1,836 for 1936 and 1,832 for last year. There was, however, an increase in the number of cases in which a complete specification was lodged at the commencement of the proceedings, the number being 1,121, as against 1,080 in 1936.

The number of complete specifications lodged in 1937 in respect of proceedings for which a provisional specification only had previously been lodged was fewer by 32 than the number for the previous year. The total number of applications received up to the 31st December, 1937, was 79,073, and the number of patents in force at that date was 7,749, made up as follows: Patents sealed and third-year fees paid from 31st December, 1934, to 31st December, 1937, 2,057 and 2,024 respectively; sixth-year fees paid from 31st December, 1927, to 31st December, 1937, 3,667; and 1 patent in respect of which an extension of its term has been granted by order of the Supreme Court.

### TREND OF INVENTION.

During the year increases have occurred in the number of proceedings instituted for the grant of letters patent in respect of inventions relating to many of the patent-classification classes, including cultivating and tilling, 40 (28)\*; drains and sewers, 8 (1); drying, 15 (9); fencing, 17 (13); harvesting and grading, 26 (15); illuminating (except gas-manufacture), 95 (73); locks, latches, and hinges, 29 (19); medicines and surgical appliances (including ear-instruments, dental work, &c.), 35 (28); oils and lubricators, 39 (23); pipes, tubes, and hose, 23 (14); sheep shearing and clipping, 6 (2); telephony and telegraphy (including phonographs), 520 (488); and vehicles, 63 (53).

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\* The figures in parentheses are for 1936.

In certain of the patent-classification classes the number of proceedings commenced in 1937 are less than in the previous year. These classes include amusements, music, exercises, games, &c., 29 (36); boots and shoes, 10 (19); boxes, cans, and casks, 36 (47); building construction, 71 (83); chemicals, 9 (22); fibre-dressing (including rope-making), 9 (22); heating and fuel manufacture, 43 (53); wearing-apparel, 34 (57).

The continuation of the campaign for road safety both in this country and elsewhere, to which reference was made in my last report, is still reflected in the further increase in the number of inventions relating to this class of subject-matter, including improvements in railway-crossing barriers and railway-warning devices.

It is of interest to note that there has been increased activity in the realm of inventions relating to agriculture and the like, with the result that comparatively large increases have occurred in the number of proceedings in the patent-classification classes relating to cultivating-tools, harvesting-appliances, sheep-shearing machines, and manure and/or seed-sowers.

Much attention has been given during the year under review to the subject of illuminating, particularly gas-filled lamps. Activity in more domestic matters is indicated by a number of applications for brooms and brushes, and some ingenious arrangements of rotary driers for clothes have also made their appearance among the records of the Office. The use of reinforced concrete is still being investigated for the construction of fencing-posts and the like, and improvements in the centrifugal lining of pipes are still being studied.

In regard to medical and surgical appliances, the greater number of applications relate to surgical syringes and artificial limbs.

The phenomenal increase in the number of proceedings in the class relating to radio has been commented on in my report for last year. During that year there was an increase of nearly 100 per cent. on the average number of cases for the years 1930–34 inclusive. This extraordinary ratio of increase could scarcely be expected to continue. It is, nevertheless, a significant indication of the intense activity which is still being maintained in respect of radio inventions that the record figures for 1936 were again exceeded last year. This constitutes a fresh record not only in the radio class, but also in all of the classes into which inventions are grouped for the purpose of patent classification in the country.

#### DESIGNS.

Compared with the figures for last year, a substantial increase was shown in the number of design-registration proceedings. The figures for the year were 193, which is the highest number in any one year since 1926, and brings the total number of cases as at 31st December, 1937, up to 4,095. Design registrations in force at that date numbered 966, of which 142 cases were registered during the year. One hundred and twenty-four 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 41 cases, while 12 were renewed for the third term of five years.

The number of applications received from persons resident in New Zealand was 109 (84)\*; the next greatest number of applications came from the undermentioned countries in the order set out—namely, the Commonwealth of Australia, Great Britain, and the United States of America. There were 90 (50) cases lodged in respect of Class 1, while 47 (29) were lodged in Class 3, 30 (16) in Class 4, and 14 (11) in Class 12. The remaining proceedings were spread over four classes. There were seven classes in which no applications were filed.

#### TRADE-MARKS.

During the year under review there was, as in Great Britain, a falling-off in the number of proceedings for the registration of trade-marks as compared with the number for the previous year, when the number was the highest received in any year since 1930. The figures were 1,096 for 1936 and 889 for 1937. The number of proceedings in regard to the registration of trade-marks commenced by persons resident in New Zealand was less than in 1936, the figures being 373, as compared with 424. There were also fewer applications from persons resident in the Commonwealth of Australia, 123 (132). The number of cases from the United Kingdom also showed a falling-off on the previous year, 219 (397), although the number exceeded the average for the five years 1931–35, inclusive, which was 206·8. From the United States of America there were 87, as against 72 in 1936; and from Canada 43, 24 more than in the previous year. There was very little variation in the number of cases from Germany, 18, as compared with 22 in 1936. The amount received in respect of trade-mark fees was £3,490 15s. 6d., as against £3,482 10s. 11d. in 1936.

As is generally the case, although the year 1936 was an exception, the greatest number of proceedings was in Class 42 (substances used as food or as ingredients in food), there being 128, as against 125 in the previous year. Class 3 (chemical substances prepared for use in medicine and pharmacy), which headed the list in 1936 with 152, had the second highest number of cases in 1937, the number being 101. Class 38 (articles of clothing) with 3 less than last year, 85 (88), occupies third place in this list. Then follows Class 48 (perfumery, including toilet articles, preparations for the teeth and hair, and perfumed soap), 71 (104); Class 47 (candles, common soap, detergents; illuminating, heating, or lubricating oils; matches, and starch, blue, and other preparations for laundry purposes), 63 (38); and Class 50 (miscellaneous), 54 (72).

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\*The figures in parentheses are for 1936.

## PATENT AGENTS.

It is regretted having to report the deaths of Mr. J. F. Lillicrap and Mr. R. McIntock, two members of the profession who were in practice before the Office for forty-one years and twenty-seven years respectively. The number of Patent Agents on the register as at 31st December, 1937, was 17.

## CONCLUSION.

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

- A. Receipts and Payments Account for the Year ended 31st December, 1937.
- B. Table showing Receipts and Payments for each of the Last Ten Years.
- C. Particulars of Fees received from 1st January to 31st December, 1937, together with the Corresponding Figures for the years 1935 and 1936.
- D. Total Number of Applications for Patents and for Registration of Designs and Trade-marks recorded for the years 1913 to 1937 (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 1936 and 1937, together with the Average for the Years 1931–35 (inclusive).
- G. Number of Applications for Patents for the Different Classes of Inventions in each of the Years 1936 and 1937, together with the Average for the Years 1931–35 (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, 1937 (inclusive).
- I. Number of Applications for Registration of Designs in each of the Fifteen Classes in each of the Years 1935, 1936, and 1937.
- 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 1936 and 1937, together with the Average for the Years 1931–35 (inclusive).
- K. Number of Applications to register Trade-marks in the Fifty Different Classes in each of the Years 1936 and 1937, together with the Average for the Years 1931–35 (inclusive).

H. T. ATKINSON,

Commissioner of Patents, Designs, and Trade-marks.

The Patent Office, Wellington, 15th June, 1938.

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## APPENDIX.

## PATENT OFFICE.

## A.—RECEIPTS AND PAYMENTS ACCOUNT FOR THE YEAR ENDED 31ST DECEMBER, 1937.

<i>Receipts.</i>				£	s.	d.	<i>Payments.</i>				£	s.	d.
Patent fees	..	..	..	9,663	6	8	Salaries	..	..	..	4,474	17	4
Design fees	..	..	..	169	10	0	Fuel, light, power, and water	..	..	..	52	9	1
Trade-mark fees	..	..	..	3,490	15	6	Office fittings and requisites	..	..	..	2	10	8
Sales of Acts, <i>Journals</i> , &c.—	£	s.	d.				<i>Patent Office Journal</i>	..	..	..	636	17	11
At the Government Printing Office	68	17	3				Postage, telegrams, and telephones	..	..	..	91	10	2
At the Patent Office	14	14	2				Printing and stationery	..	..	..	316	15	8
				83	11	5	Typewriters	..	..	..	43	13	10
							Contingencies	..	..	..	4	14	5
							Balance: Cash in Public Account	..	..	..	7,783	14	6
				£13,407	3	7					£13,407	3	7

H. T. ATKINSON,  
Commissioner of Patents.

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 state the position as disclosed thereby. Copyright fees are not included.—J. H. FOWLER, 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.
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
1929	14,066	2 0	5,873	9 10	8,192	12 2	1934	12,376	5 11	4,709	6 9	7,666	19 2
1930	14,195	15 7	5,832	7 2	8,363	8 5	1935	12,868	19 4	4,476	13 3	8,392	6 1
1931	13,390	11 6	5,466	7 8	7,924	3 10	1936	13,276	1 4	5,221	19 1	8,054	2 3
1932	12,034	19 4	4,782	7 0	7,252	12 4	1937	13,407	3 7	5,623	9 1	7,783	14 6

## C.—PARTICULARS OF FEES RECEIVED FROM 1ST JANUARY TO 31ST DECEMBER, 1937, TOGETHER WITH THE CORRESPONDING FIGURES FOR THE YEARS 1935 AND 1936.

	1935.*		1936.*		1937.	
<i>Patents.</i>	£	s. d.	£	s. d.	£	s. d.
Applications for patents with provisional specifications	882	1 7	759	10 0	712	12 0
Applications for patents with complete specifications	1,656	0 0	2,176	19 6	2,245	0 0
Complete specifications left after provisional specifications	435	10 0	485	11 0	428	0 0
Applications for extension of time	140	15 6	155	9 6	207	15 0
On giving notice of opposition	4	0 0	7	0 0	3	10 0
On hearing opposition	..	..	..	..	..	..
On request for sealing letters patent	979	0 0	1,072	0 0	1,039	19 8
On request for duplicate deeds of letters patent	1	0 0	..	..	..	..
On request for sealing letters patent after prescribed time	..	..	..	..	5	0 0
On sealing letters patent after prescribed time	18	10 0	5	0 0	27	10 0
Renewal fees paid before end of third year	1,964	1 6	2,031	0 0	2,176	12 4
Renewal fees paid before end of sixth year	2,785	0 0	2,588	10 0	2,500	0 0
Applications for restoration of lapsed patents	67	0 0	8	0 0	12	0 0
On restoration of letters patent	12	0 0	65	0 0	11	0 0
On request to enter name of subsequent proprietor, &c., on register	76	15 0	45	16 0	66	15 0
On request to correct clerical errors	1	15 0	3	0 0	2	15 0
Certificates of Commissioner	43	5 0	35	6 10	49	17 0
Copies of specifications and drawings	73	14 11	70	0 2	52	4 11
Application for registration as patent agent	..	..	..	..	2	2 0
Patent agents' fees	16	16 0	38	17 0	35	14 0
Patent agents' examination fees	..	..	..	..	3	3 0
Searches	48	11 6	31	14 0	30	19 6
Amendment of letters patent	18	0 0	18	0 0	26	0 0
Request to enter change of name	1	5 0	1	0 0	0	15 0
Request to enter change of address	1	6 0	0	10 0	0	15 0
Application for endorsement of letters patent "Licenses of Right"	5	0 0	..	..	..	..
Advertising in <i>Journal</i> , &c., under Supreme Court Rules	..	..	..	..	..	..
Application for entry of order of Supreme Court in register	..	..	..	..	..	..
Weekly lists	22	0 0	6	16 0	9	8 0
Miscellaneous	2	18 8	23	10 4	13	19 3
					9,663	6 8

\*For a complete analysis of fees received in 1935 and 1936, see reports for those years respectively.

C.—PARTICULARS OF FEES RECEIVED FROM 1ST JANUARY TO 31ST DECEMBER, 1937, TOGETHER WITH THE CORRESPONDING FIGURES FOR THE YEARS 1935 AND 1936—*continued*.

	1935.*	1936.*	1937.
<i>Designs.</i>			
	£ s. d.	£ s. d.	£ s. d.
Application for registration of designs .. .. .	79 0 0	55 5 0	90 0 0
On extension of period of copyright under section 56 (2) .. .. .	41 0 0	24 10 0	40 0 0
On extension of period of copyright under section 56 (3) .. .. .	22 0 0	14 0 0	31 0 0
Searches (Regulation 42) .. .. .	0 1 0	0 7 6	..
Searches (Office) .. .. .	1 19 0	1 0 0	3 0 0
Certificates of Commissioner .. .. .	2 15 0	0 5 0	0 5 0
Assignment of designs .. .. .	1 10 0	..	2 10 0
Copies of drawings .. .. .	1 14 9	0 8 0	1 5 0
Change of name .. .. .	..	0 5 0	..
Change of address .. .. .	0 10 0	0 5 0	..
Applications for extension of time .. .. .	0 10 0	1 5 0	1 5 0
Miscellaneous .. .. .	2 5 0	0 1 0	0 5 0
			169 10 0
<i>Trade-marks.</i>			
	706 10 6	814 9 3	664 15 11
Application for registration .. .. .	1,048 19 0	1,037 15 6	1,020 0 0
On registration .. .. .	8 15 0	8 16 0	9 5 0
On association .. .. .	1,317 11 5	1,287 6 0	1,391 9 6
On renewal of registration .. .. .	14 10 0	37 5 0	29 10 0
Application for extension of time .. .. .	5 0 0	7 0 0	3 0 0
On giving notice of opposition .. .. .	..	..	..
On hearing opposition .. .. .	126 13 0	145 18 6	160 19 6
On assignment of trade-marks .. .. .	4 10 0	4 10 0	8 0 0
Amendment of trade-marks .. .. .	15 10 0	6 15 0	32 10 0
On cancellation .. .. .	2 0 0	0 5 0	12 9 0
On request under section 73 (6) .. .. .	11 16 0	11 12 0	19 0 0
Extra space in <i>Journal</i> .. .. .	1 13 0	1 3 0	0 10 0
Copies of trade-mark certificates .. .. .	13 15 3	8 19 0	10 8 0
On request to enter change of address .. .. .	8 4 0	5 12 0	23 11 0
On request to enter change of name .. .. .	2 0 0	..	1 0 0
On request under section 99 .. .. .	11 17 0	20 4 0	11 13 0
Certificates of Commissioner .. .. .	24 12 0	31 3 0	20 17 6
Searches (Regulation 84) .. .. .	34 11 0	37 2 0	33 0 0
Searches (Office) .. .. .	1 10 0	0 5 0	2 5 0
On request to correct clerical errors .. .. .	..	..	8 0 0
Additional fee under Rule 62 .. .. .	2 10 0	1 5 0	4 0 0
Request to strike out goods .. .. .	12 0 0	4 0 0	8 10 0
On restoration of trade-mark .. .. .	11 17 9	10 15 8	16 2 1
Miscellaneous.. .. .			3,490 15 6

\* For a complete analysis of fees received in 1935 and 1936, 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 1912 TO 1937 (INCLUSIVE).

Year.	Patents.	Designs.	Trade-marks.	Total.	Year.	Patents.	Designs.	Trade-marks.	Total.
1912	1,737	44	779	2,560	1925	2,046	203	1,332	3,581
1913	1,775	65	787	2,627	1926	2,137	204	1,143	3,484
1914	1,574	55	687	2,316	1927	2,052	145	1,325	3,522
1915	1,299	89	565	1,953	1928	2,070	163	1,201	3,434
1916	1,261	113	666	2,040	1929	2,251	125	1,359	3,735
1917	1,329	83	619	2,031	1930	2,103	169	1,265	3,537
1918	1,386	53	695	2,134	1931	2,065	151	999	3,215
1919	1,880	74	1,272	3,226	1932	1,845	164	925	2,934
1920	2,193	109	1,391	3,693	1933	1,761	143	814	2,718
1921	2,115	141	994	3,250	1934	1,766	146	915	2,827
1922	2,183	214	1,103	3,500	1935	1,730	185	943	2,858
1923	2,075	183	1,163	3,421	1936	1,836	124	1,096	3,056
1924	2,085	185	1,338	3,608	1937	1,832	193	889	2,914

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	1,056	78	276	655	2,065
1932 ..	95	559	1,120	71	265	27	951	61	263	570	1,845
1933 ..	96	688	909	69	217	24	751	87	250	674	1,762
1934 ..	86	752	857	71	210	23	720	75	217	754	1,766
1935 ..	91	755	805	83	225	36	..	..	..	..	1,730
1936 ..	92	988	678	79	189	40	..	..	..	..	1,837
1937 ..	81	1,040	632	80	..	..	..	..	..	..	1,833

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 1936 AND 1937, TOGETHER WITH THE AVERAGE FOR THE YEARS 1931–35 (INCLUSIVE).

—	1931–35.	1936.	1937.	—	1931–35.	1936.	1937.
New Zealand ..	1,070·8	781	719	Kenya ..	..	..	3
Argentine Republic ..	0·8	1	..	Lichtenstein ..	0·2	1	1
Austria ..	2·6	4	5	Luxembourg ..	0·2	..	1
Australia ..	197·6	216	264	Mexico ..	0·2	..	..
Bahama Islands ..	..	1	..	Netherlands ..	16·6	28	19
Belgium ..	2·0	5	4	New South Wales ..	78·8	126	158
British Solomon Islands ..	0·2	..	..	North Nigeria ..	0·2	..	..
Canada ..	5·8	13	7	Norway ..	1·8	1	2
Canberra F.C.T. ..	..	2	2	Philippine Islands ..	0·2	..	..
Czecho-Slovakia ..	0·2	..	3	Queensland ..	16·8	6	13
Denmark ..	4·6	4	4	Roumania ..	..	1	..
Dutch East Indies ..	0·2	..	..	Siam ..	..	1	..
Esthonia ..	0·2	..	..	South Australia ..	9·6	10	9
Federated Malay States ..	..	2	..	South West Africa ..	0·2	..	..
Finland ..	0·2	..	..	Southern Rhodesia ..	..	..	..
France ..	12·2	26	23	Spain ..	0·8	..	..
Germany ..	87·0	143	173	Straits Settlements ..	0·2	..	..
Greece ..	0·2	..	..	Sweden ..	7·6	4	6
Guatemala ..	0·2	..	..	Switzerland ..	4·4	2	6
Great Britain ..	315·6	440	435	Tasmania ..	2·6	1	1
Hungary ..	1·2	..	..	Union of South Africa ..	2·6	3	4
India ..	0·4	1	1	United States of America ..	91·6	158	158
Irish Free State ..	1·4	2	..	Victoria ..	86·6	67	77
Italy ..	4·0	4	3	Western Australia ..	5·8	4	4
Japan ..	0·6	..	..	Western Samoa ..	0·4	..	..

G.—NUMBER OF APPLICATIONS FOR PATENTS FOR THE DIFFERENT CLASSES OF INVENTIONS IN EACH OF THE YEARS 1936 AND 1937, TOGETHER WITH THE AVERAGE FOR THE YEARS 1931-35 (INCLUSIVE).

Class.	1931-35	1936.	1937.	Class.	1931-35	1936.	1937.
Advertising and displaying signs, &c.	24.4	16	16	Illuminating (except gas-manufacture)	59.0	73	95
Aeronautics .. .. .	14.2	13	6	Indicating, calculating, and measuring (including moisture-testers)	48.4	54	48
Amusements, music, exercisers, games, &c.	55.6	36	29	Kitchen utensils and cooking appliances (including ovens)	51.8	45	39
Attaching and securing (including bolts, ties, &c.)	21.4	19	18	Lifting, hauling, and loading ..	50.2	19	21
Boilers (steam) .. .. .	4.8	3	3	Locks, latches, and hinges ..	22.8	19	29
Boots and shoes .. .. .	22.2	19	10	Marine and submarine (including lake and river engineering)	17.8	13	17
Bottles, bottling, and glass-working	28.4	42	29	Marking (tickets, labels, &c.) ..	9.8	5	5
Boxes, cans, and casks .. ..	83.0	47	36	Medicines and surgical appliances (including ear-instruments, dental work, &c.)	31.4	28	35
Brewing, distilling, &c. .. ..	12.4	12	10	Metal-working (including welding, stamping, and plating)	19.6	22	29
Brooms and brushes (including mops)	17.2	7	12	Milking-machines* .. .. .	41.8	39	38
Building-construction .. .. .	35.2	40	29	Minerals (including filtration, lixiviation, screens, &c.) .. .. .	20.2	18	13
Building-construction (brick and cement compositions and moulding)	23.4	26	28	Minerals (magnetic separators) ..	0.6	..	..
Building-construction (windows and doors)	22.2	17	14	Minerals (stampers and pulverizers)	3.6	1	2
Chemicals .. .. .	9.8	22	9	Oils and lubricators .. .. .	16.0	23	39
Cleaning, polishing, &c. .. ..	16.4	21	18	Paints and painting (including kauri-gum)	8.8	8	6
Closets and urinals .. .. .	20.4	18	25	Pipes, tubes, and hose .. .. .	21.0	14	23
Coin-freed mechanism .. .. .	13.4	6	6	Preserving .. .. .	15.6	10	11
Cooling and freezing .. .. .	25.2	20	12	Presses .. .. .	5.8	4	8
Cultivating and tilling .. .. .	42.2	28	40	Printing and photography .. ..	24.2	15	12
Cutting and sawing, and tools ..	52.8	37	37	Pumps and sprayers (except rotary pumps)	25.2	18	21
Dairying* .. .. .	50.8	30	30	Railways and tramways .. .. .	14.8	17	21
Drains and sewers .. .. .	2.2	1	8	Roads and ways (including road watering)	15.4	16	14
Dredging and excavating (including rock drills)	7.2	7	4	Seed-dressing, chaff-cutting, and threshing	6.0	6	2
Drying .. .. .	15.8	9	15	Seed-sowers .. .. .	12.4	21	15
Electricity and magnetism .. ..	81.4	85	72	Sewing and knitting .. .. .	22.0	21	20
Engines (air, gas, and oil) .. ..	53.2	37	41	Sheep and cattle (including veterinary appliances)	29.2	25	26
Engines (steam), including rotary pumps	15.6	10	12	Sheep shearing and clipping .. ..	2.0	2	6
Engines (miscellaneous and engine accessories), including current motors, solar motors, tide motors, wave motors, windmills, miscellaneous motors	35.0	21	20	Shop and hotel fittings .. .. .	26.6	16	17
Explosives, firearms, and targets ..	4.6	9	4	Stationery and paper .. .. .	39.0	29	37
Exterminating (including trapping animals)	21.4	21	13	Telephony and telegraphy (including phonographs, &c.)	265.6	488	520
Fencing .. .. .	12.0	13	17	Tobacco .. .. .	17.4	9	8
Fencing (strainers) .. .. .	2.2	3	3	Valves and cocks .. .. .	16.0	20	14
Fibre-dressing (including rope-making)	19.4	22	9	Vehicles .. .. .	66.0	53	63
Filters .. .. .	4.8	3	7	Vehicles (velocipedes) .. .. .	19.6	14	26
Fire alarms, escapes, ladders, and extinguishers	14.6	11	11	Ventilating .. .. .	7.6	9	10
Food .. .. .	17.4	21	12	Washing and cleansing .. .. .	31.2	25	18
Furnaces and kilns (including smoke-consumers)	16.2	16	23	Water-supplying .. .. .	7.8	5	4
Furniture and upholstery, desks, blinds, curtains, &c.	41.6	38	23	Wearing-apparel .. .. .	52.4	57	34
Gas-manufacture for lighting, heating, or power purposes	5.4	12	10	Wools and hides .. .. .	13.0	12	7
Harness (including horse, &c., covers)	4.8	5	3	Miscellaneous inventions not in other classes, as india-rubber-manufacture, fishing-appliances, &c.	15.4	23	17
Harvesting and grading .. .. .	27.2	15	26				
Heating, and fuel-manufacture .. ..	48.6	53	43				

\* 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, 1937 (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 .. ..	1st July, 1922, to 31st Dec., 1937 ..	28,909	16,612	3,560
Grand totals .. ..	.. ..	79,073	39,649	8,753

I.—NUMBER OF APPLICATIONS FOR REGISTRATION OF DESIGNS IN EACH OF THE FIFTEEN CLASSES IN EACH OF THE YEARS 1935, 1936, AND 1937.

—	1935.	1936.	1937.
<i>Class 1.</i> —Articles composed wholly of metal or in which metal predominates, and jewellery	63	50	90
<i>Class 2.</i> —Books and bookbinding of all materials .. ..	1	1	..
<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	41	29	48
<i>Class 4.</i> —Articles composed wholly of glass, earthenware, or porcelain, clay (burnt or baked), or cement, or in which such materials predominate	15	16	29
<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	9	11	9
<i>Class 6.</i> —Articles composed wholly of leather or in which leather predominates, not included in other classes	1	2	1
<i>Class 7.</i> —Paperhangings .. ..	..	..	..
<i>Class 8.</i> —Carpets, rugs, and floor-coverings in all materials .. ..	..	..	..
<i>Class 9.</i> —Lace .. ..	..	..	..
<i>Class 10.</i> —Boots and shoes .. ..	10	1	..
<i>Class 11.</i> —Millinery and wearing-apparel (except boots and shoes) ..	3	2	1
<i>Class 12.</i> —Goods not included in other classes .. ..	5	10	14
<i>Class 13.</i> —Printed or woven designs on textile piece-goods (other than checks or stripes)	30	1	1
<i>Class 14.</i> —Printed or woven designs on handkerchiefs and shawls (other than checks or stripes)	2	..	..
<i>Class 15.</i> —Printed or woven designs on textile piece-goods or on handkerchiefs or shawls being checks or stripes	4	..	..
	184	123	193



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 1936 AND 1937, TOGETHER WITH THE AVERAGE FOR THE YEARS 1931-35 (INCLUSIVE).

—	1931-35.	1936.	1937.	—	1931-35.	1936.	1937.
New Zealand .. ..	478.8	424	373	Jamaica .. ..	0.2	..	..
Australia .. ..	118.2	132	123	Japan .. ..	2.0	5	3
Austria .. ..	1.0	..	1	Netherlands .. ..	2.4	..	..
Bahama Islands .. ..	..	2	..	New South Wales .. ..	64.6	78	87
Belgium .. ..	..	..	1	Northern Ireland .. ..	2.2	1	2
Canada .. ..	9.8	19	43	Norway .. ..	..	..	..
Canberra .. ..	..	..	1	Poland .. ..	0.2	..	..
Columbia .. ..	..	1	..	Portugal .. ..	0.2	..	..
Cuba .. ..	0.2	..	1	Queensland .. ..	1.8	2	..
Czecho-Slovakia .. ..	0.8	1	..	Singapore .. ..	0.2	..	..
Denmark .. ..	0.8	..	..	South Australia .. ..	2.8	1	..
Egypt .. ..	1.2	..	..	South-west Africa .. ..	0.2	..	..
Finland .. ..	1.0	..	1	Spain .. ..	0.2	..	..
France .. ..	7.6	12	9	Sweden .. ..	1.6	1	4
Germany .. ..	15.2	22	18	Switzerland .. ..	1.6	2	1
Great Britain .. ..	206.8	397	219	Tasmania .. ..	0.6	..	..
Hawaii .. ..	..	..	..	Union of South Africa .. ..	0.2	..	..
Holland .. ..	2.2	1	1	United States of America .. ..	72.2	72	87
Hungary .. ..	0.2	1	..	Victoria .. ..	46.8	51	34
India .. ..	1.2	2	1	Western Australia .. ..	..	..	1
Iraq .. ..	..	..	1	Western Samoa .. ..	0.2	..	..
Italy .. ..	1.2	5	..				

K.—NUMBER OF APPLICATIONS TO REGISTER TRADE-MARKS IN THE FIFTY DIFFERENT CLASSES IN EACH OF THE YEARS 1936 AND 1937, TOGETHER WITH THE AVERAGE FOR THE YEARS 1931-35 (INCLUSIVE).

Class.	Classification of Goods.	1931-35.	1936.	1937.
1	Chemical substances used in manufactures, photography, or philosophical research, and anti-corrosives	34.0	75	35
2	Chemical substances used for agricultural, horticultural, veterinary, and sanitary purposes	40.4	55	25
3	Chemical substances prepared for use in medicine and pharmacy .. ..	93.8	152	101
4	Raw or partly prepared vegetable, animal, and mineral substances used in manufactures not included in other classes	8.0	8	9
5	Unwrought and partly wrought metals used in manufacture .. ..	5.4	5	5
6	Machinery of all kinds, and parts of machinery, except agricultural and horticultural machines included in Class 7	21.0	25	31
7	Agricultural and horticultural machinery, and parts of such machinery	5.2	6	8
8	Philosophical instruments, scientific instruments, and apparatus for useful purposes; instruments and apparatus for teaching	45.2	47	36
9	Musical instruments .. ..	3.2	10	2
10	Horological instruments .. ..	1.8	4	..
11	Instruments, apparatus, and contrivances, not medicated, for surgical or curative purposes, or in relation to the health of men or animals	12.6	17	16
12	Cutlery and edge tools .. ..	7.2	18	8
13	Metal goods not included in other classes .. ..	29.4	30	36
14	Goods of precious metals (including aluminium, nickel, Britannia-metal, &c.), and jewellery, and imitations of such goods and jewellery	2.2	2	2
15	Glass .. ..	3.4	6	5
16	Porcelain and earthenware .. ..	1.8	4	3
17	Manufactures from mineral and other substances for building or decoration ..	10.0	10	14
18	Engineering, architectural, and building contrivances .. ..	9.6	12	13
19	Arms, ammunition, and stores not included in Class 20 .. ..	0.4	..	1
20	Explosive substances .. ..	1.0	2	1
21	Naval architectural contrivances and naval equipments not included in Classes 19 and 20	0.2	1	..
22	Carriages .. ..	7.6	6	7
23	(a) Cotton-yarn; (b) sewing cotton .. ..	2.6	12	5
24	Cotton piece-goods of all kinds .. ..	16.6	14	20
25	Cotton goods not included in Classes 23, 24, and 38 .. ..	5.0	3	8
26	Linen and hemp yarn and thread .. ..	..	2	..
27	Linen and hemp piece-goods .. ..	1.4	..	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	0.2	..	..
30	Silk, spun, thrown, or sewing .. ..	2.2	1	..
31	Silk piece-goods .. ..	1.6	1	1
32	Other silk goods not included in Classes 30 and 31 .. ..	0.6	..	..
33	Yarns of wool, worsted, or hair .. ..	4.8	1	4
34	Cloths and stuffs of wool, worsted, or hair .. ..	5.6	2	12
35	Woollen and worsted and hair goods not included in Classes 33 and 34 ..	1.0	2	..
36	Carpets, floorcloth, and oilcloth .. ..	1.4	1	4
37	Leather, skins (unwrought and wrought), and articles made of leather not included in other classes	8.0	4	3
38	Articles of clothing .. ..	81.2	88	85
39	Paper (except paperhangings), stationery, and bookbinding .. ..	30.8	34	22
40	Goods manufactured from indiarubber and guttapercha not included in other classes	16.2	10	10
41	Furniture and upholstery .. ..	4.6	4	4
42	Substances used as food or as ingredients in food .. ..	177.8	125	128
43	Fermented liquors and spirits .. ..	24.0	34	19
44	Mineral and aerated waters (natural and artificial), including ginger-beer ..	6.4	10	3
45	Tobacco, whether manufactured or unmanufactured .. ..	22.0	23	10
46	Seeds for agricultural and horticultural purposes .. ..	2.4	1	1
47	Candles, common soap, detergents; illuminating, heating, or lubricating oils; matches; and starch, blue, and other preparations for laundry purposes	46.0	38	63
48	Perfumery (including toilet articles), preparations for the teeth and hair, and perfumed soap	47.0	104	71
49	Games of all kinds, and sporting articles not included in other classes ..	12.8	14	2
50	Miscellaneous .. ..	52.4	72	54

*Approximate Cost of Paper.*—Preparation, not given; printing (530 copies), £17 10s.

By Authority: E. V. PAUL, Government Printer, Wellington.—1938.

Price 6d.]