

1914.
NEW ZEALAND.

PATENTS, DESIGNS, AND TRADE-MARKS.

TWENTY-FIFTH ANNUAL REPORT OF THE REGISTRAR.

Presented to both Houses of the General Assembly pursuant to Section 113 of the Patents, Designs, and Trade-marks Act, 1911.

In pursuance of the requirements of the Patents, Designs, and Trade-marks Act, I have the honour to submit my report on the proceedings thereunder during the year.

Though slightly higher than last year, the number of applications shows little change during the past few years, 2,627 being received in 1913 as compared with 2,560 in 1912 and 2,622 in the preceding year. The applications added each year to those previously recorded involves, however, a steady increase in the work of the office, which, owing to the scattered and restricted accommodation, is carried out under very unfavourable conditions. While these have been somewhat improved the need for suitable premises is so acute as to seriously threaten the efficiency of the office, and it is satisfactory to know that suitable accommodation to meet the requirements of the staff and public, as well as of the library and records, is likely to be shortly provided.

Although the number of applications received year by year does not vary much, the revenue shows a continual increase, being £7,113 7s. for last year. £356 19s. 1d. more than in 1912, and considerably higher than in any previous year.

The expenditure was slightly less than in 1912, amounting to £2,972 0s. 3d., of which £1,053 18s. 2d. was for work done and stationery supplied by the Government Printing Office. The expenditure last year was 41 per cent. of the revenue; for 1912, 44 per cent.; for 1911, 37 per cent.

PATENTS.

The number of applications was 1,775—slightly more than in 1912. Of these, 1,080 were accompanied by provisional specifications and 686 by complete specifications, while 285 complete specifications were left in respect of applications with which provisional specifications had previously been lodged, making a total for the year of 2,051 specifications, as compared with 2,046 in 1912.

The proportion of complete specifications to provisional specifications lodged in the first instance in each of the past five years is as follows—60 per cent., 61 per cent., 64 per cent., 78 per cent., 63 per cent.—or an average for that time of 65 per cent., as compared with 49 per cent. in Great Britain and 74 per cent. in Australia for the same period.

The total number of applications received up to the 31st December last was 34,191, and the number of patents then in force 3,411.

The fees in connection with patents amounted to £5,762 12s. 3d., as compared with £5,543 10s. 11d. for 1912, an increase of £219 1s. 4d.—partly accounted for by a fee of £1 being payable on complete specifications during the whole of last year instead of only for six months of 1912, and by a slight increase in the fees for the second term. £1,325, as compared with £1,290, as well as for the somewhat greater amounts received for copying and certifying copies. The sealing fees show a slight falling-off—£1,426 (£1,572)*—and also the fees of £10 for the third term of letters patent—£1,000 (£1,060).

* The figures in parentheses throughout this report relate to the year 1912.

While the revenue considerably exceeds the expenditure, the fees are, with two exceptions, the lowest in the world, as will be seen from the following table :—

Country.			Term.	Fee.			Country.			Term.	Fee.		
				£	s.	d.					£	s.	d.
Germany ..	..	..	13	264	0	0	Spain ..	..	..	20	80	0	0
Russia ..	..	..	15	227	5	0	Switzerland ..	..	..	15	54	16	0
Austria ..	..	..	15	165	11	6	Sweden ..	..	..	15	41	1	6
Brazil ..	..	..	15	156	7	6	Argentina ..	..	..	15	35	6	0
Hungary ..	..	..	15	118	6	6	Norway ..	..	..	15	34	9	0
Denmark ..	..	..	15	113	5	6	Japan ..	..	..	15	30	0	0
Great Britain ..	..	..	14	100	0	0	Australia ..	..	..	14	13	0	0
Belgium ..	..	..	20	84	0	0	New Zealand ..	..	..	14	12	0	0
France ..	..	..	15	60	0	0	United States of America ..	..	..	17	7	3	9
Italy ..	..	..	15	60	0	0	Mexico ..	..	..	20	4	6	6

Forty-one applications were received from women inventors, 13 less than in 1912. The number of patents of additions was 6 (5), and the complete specifications filed in respect of cognate provisional specifications 14 (6). No doubt when the provisions of the Act in this respect become better known they will be more fully availed of.

Examination of Specifications.

No provision has yet been made for making a thorough inquiry into the novelty of inventions sought to be patented, but this question is gone into by the staff so far as it is able, and amendment required, or in rare cases the application rejected, where the invention is found to be partially or wholly anticipated.

The applications for the twelve months stated were received and dealt with as follows :—

Number of applications received from 1st June, 1912, to 31st May, 1913 (inclusive) ..	1,708
Applications in respect of which amendment under section 5, or compliance with other formalities, required before acceptance ..	152
Applications in respect of which amendment on account of want of novelty required before acceptance ..	74
Not accepted ..	154

Countries from which Applications were received.

The number of applications from residents in New Zealand was about normal—1,173, as compared with 1,180 in 1911 and 1,135 in 1912. An increase is shown in the number of applications from Canada—19 (12); United Kingdom—183 (168); and the United States—121 (118); and a falling-off in the applications from the Commonwealth—221 (240).

Table H shows the number of applications received from each of the various other countries from 1911 to the end of last year.

During 1913, 66 per cent. of the applications received were from residents of New Zealand, and 34 per cent. from people living in other places. In the United Kingdom for the same year 68 per cent. of the applications were from people living in and 32 per cent. from people outside that country, and in Australia 70 per cent. from residents and 30 per cent. from non-residents of the Commonwealth.

Subject-matter of Inventions.

While applications for inventions in respect of our particular industries, more especially dairying, naturally predominate, there is no such marked trend of invention here as there is in Great Britain and other large manufacturing countries. The subject of locomotion—principally motor vehicles and aeronautics—which has lately been engaging the attention of inventors in other places in a very striking manner has produced but few inventions in this country so far as the records show. The prevention of railway accidents is, as would be expected, a subject of great interest to inventors in all parts of the world, and serious collisions are invariably followed by a revival of attempts to ensure the safe running of trains. Last year more than treble the usual number of applications were filed in Great Britain on the subject, and a decided increase is lately shown in the applications in this country.

A considerable number of applications continue to be received under telephony and telegraphy, chiefly in connection with automatic installations—61 in 1913 and 64 in 1912, as compared with 31 in 1911.

Although cinematographs are a fruitful source of invention in England and are extensively used in this country, very few applications are made by New Zealand inventors on the subject.

While a fair number of applications were made for milking and dairying appliances—27 and 68 respectively—there were not quite as many as in the previous year. The applications for fibre-dressing, which fell off somewhat in 1912, revived somewhat in 1913—56 (34).

Double the number were received with regard to railways—80 (40)—the increase being chiefly in respect of signalling appliances.

Those for cultivating, 25 (32), and fencing, 20 (30), show a slight falling-off, and the number in other subjects remains about the same.

International Convention.

The number of applications under the Convention, which has been gradually rising till it reached 156 in 1912, dropped to 139 last year. Though the advantages of the Conventions are no doubt great, the curtailment of the term under it in Great Britain, Australia, and New Zealand (but not in other countries) no doubt leads to inventors not utilizing it to as full an extent as they might otherwise do.

Restoration of Letters Patent.

One application for restoration of letters patent was made during the year, and one patent was restored.

DESIGNS.

Sixty-five applications for the registration of designs were received during the year, and although this number is three times that of the previous year it is hardly sufficient to make it worth while keeping a registry for. As pointed out in my last report, some form of protection in the nature of the German petty patent to cover not merely designs but other original matter not at present provided for by our Patents or Copyrights Acts would seem to be more suitable for the requirements in this country than the present design registration.

TRADE-MARKS.

The progress in the trade of this country is reflected in the number of applications for registration of trade-marks. In 1890, 160 were received; in 1900, 348; and in 1910, 818. Last year showed a slight falling-off, 789 applications being made and 572 marks actually registered during the year. Although not in themselves very high, these numbers stand out when compared with the registrations effected annually in Great Britain (5,071 in 1913) and other countries.

The increase in the initial fee, and one or two cases in which the payments were in excess of the previous year, brought the amount from this source to £143 9s. 1d. more than in 1912—£1,284 13s. 6d., as compared with £1,141 4s. 5d.

Countries from which Applications received.

The number of applications from traders in New Zealand correspond exactly to the number they lodged in 1912—303, 75 short of the total for the previous year (378). There is a falling-off also in the applications from the United Kingdom—253 (297). The number from Germany in 1911 was 57; in 1912, 19; and in 1913, 20; a very considerable falling-off in the latter years. Increases are shown in the applications from New South Wales, 54 (41); Victoria, 28 (20); and the United States, 70 (66).

Goods for which Trade-marks registered.

There is a noticeable increase in the number of applications in Class 42 (food substances), 167 being received in 1913 as compared with 100 in the previous year. A falling-off occurs in the number in Class 3 (medicinal preparations), 61 (75); in Class 22 (vehicles), 19 (22); in Class 38 (clothing), 65 (71); in Class 43 (liquors and spirits), 22 (26); in Class 47 (candles, soaps, &c.), 50 (55), and in Class 50 (miscellaneous), 37 (53). There is little if any change in the number received in the other classes.

Special Applications to the Court.

In accordance with the Act of 1911 the Court may, on application, declare a mark which has been successfully used to be distinctive which would not otherwise be held to be so under the ordinary provisions of the Act. During 1913, 5 applications were made to the Court, and, as a result, proceeded with in 3 cases.

*GENERAL.**Opposition.*

Notice of opposition was lodged in 30 cases. No decisions were appealed against during the year.

“Patent Office Journal.”

With the object of bringing New Zealand inventors into touch with manufacturers and others interested in inventions in other countries, and affording some small return for the generous manner in which Great Britain, Australia, and other places supply their specifications and other publications, the *Journal* has been widely distributed throughout those countries, as will be seen from the list attached.

Improvements have been effected in this publication without materially increasing its cost, and the additional copies required for other countries can be run off at very slight extra expense.

Patent Agents.

No addition was made to the register during the year.

CONCLUSION.

It affords me pleasure to testify to the care and ability with which the staff of the office carries out its duties.

The Appendix hereto contains the following tables and lists, viz. :—

	Page
A. Balance-sheet of Income and Expenditure for the Year ended 31st December, 1913	5
B. Table showing Revenue and Expenditure for each of the Last Eight Years	5
C. Particulars of Fees received from the 1st January to the 31st December, 1913	6
D. Staff of Officers, and Salaries	7
E. Total Number of Applications for Patents, and Registration of Designs and Trade-marks recorded for the years 1890 to 1913 inclusive	7
F. Number of Provisional and Complete Specifications received, &c.	7
G. Table showing, over a Series of Years, the Number of Patents that were considered of Sufficient Value to be kept Alive by Payment of the Renewal Fees	8
H. Number of Applications for Patents from Persons residing in New Zealand and other Countries in each of the Years 1911, 1912, and 1913	8
I. Table showing Number of Applications for the Different Classes of Inventions for each of the Years 1911, 1912, and 1913	9
J. Number of Applications received under the International and Colonial Arrangements, showing the Country of Origin, in each of the Years 1911, 1912, and 1913	9
K. Applications pending at the End of 1913	10
L. Patents in Force at End of Year 1913	10
M. Table showing Total Number of Applications, Letters Patent sealed, and Letters Patent in Force for Full Term under the Different Patents Acts	10
N. Designs : Table showing Number of Applications in each of the Sixteen Classes under the Patents, Designs, and Trade-marks Act, 1911, from 1st January to 31st December, 1913	10
O. Number of Applications for Registration of Trade-marks from Persons residing in New Zealand and other Countries in each of the Years 1911, 1912, and 1913	10
P. Number of Applications to register Trade-marks in the Fifty Different Classes in each of the Years 1911, 1912, and 1913	11
Q. Institutions filing <i>Patent Office Journal</i> for Free Public Inspection	12

NOTE.—The lists of Inventions and Applicants for Letters Patent, Designs, and Trade-marks for the past year have been printed in the Index to Vol. II of the *Patent Office Journal*.

Patent Office, Wellington, 18th July, 1914.

J. C. LEWIS, Registrar.

APPENDIX.

A.—BALANCE-SHEET OF INCOME AND EXPENDITURE FOR THE YEAR ENDED 31ST DECEMBER, 1913.

<i>Income.</i>				<i>Expenditure.</i>			
	£	s.	d.		£	s.	d.
Patent fees	5,762	12	3	Salaries	1,461	11	0
Design fees	18	11	6	Clerical assistance	240	16	8
Trade-mark fees	1,284	13	6	Copying specifications	20	4	1
Sale of Acts, Gazettes, Journals, Name Index, &c.	47	9	9	Fees to local patent officers	56	17	6
				Binding printed specifications, &c., presented to Office by other countries	34	17	6
				Printing <i>Patent Office Journal</i>	808	17	4
				Other printing and binding	166	0	6
				Stationery	44	2	10
				Stamps	82	0	0
				Books, patent laws, &c.	2	5	0
				Telephone—			
				Annual subscription	8	0	0
				Alterations	4	17	10
				Payments refunded	36	3	6
				Incidental expenses	5	6	6
				Balance	4,141	6	9
	£7,113	7	0		£7,113	7	0

B.—TABLE SHOWING REVENUE AND EXPENDITURE FOR EACH OF THE LAST EIGHT YEARS.

Year.	Receipts.			Expenditure.			Surplus.			Year.	Receipts.			Expenditure.			Surplus.		
	£	s.	d.	£	s.	d.	£	s.	d.		£	s.	d.	£	s.	d.	£	s.	d.
1906	5,641	0	6	2,237	19	1	3,403	1	5	1910	6,314	9	11	2,669	9	5	3,645	0	6
1907	5,916	4	6	2,602	4	10	3,313	19	8	1911	6,535	6	0	2,440	18	7	4,094	7	5
1908	5,470	6	1	2,822	3	5	2,648	2	8	1912	6,756	7	11	2,839	3	0	3,917	4	11
1909	6,014	12	2	2,822	15	4	3,191	16	10	1913	7,113	7	0	2,972	0	3	4,141	6	9

C.—PARTICULARS OF FEES RECEIVED FROM 1ST JANUARY TO 31ST DECEMBER, 1913.

	No.	Fees, each.	Amount received.
PATENTS.			
Applications for patents with provisional specifications	1080	£ s. d. 0 10 0	£ s. d. 540 0 0
Applications for patents with complete specifications	686	1 0 0	686 0 0
Complete specifications left after provisional specifications	8	0 10 0	4 0 0
On application for extension of time for filing complete specification	277	1 0 0	277 0 0
On application for extension of time for acceptance of complete specification	59	0 10 0	29 10 0
On application for extension of time for payment of fees .. .. .	..	10s., £1, or £1 10s. Ditto	35 10 0 36 10 0
On giving notice of opposition	8	0 10 0	4 0 0
On extension of time for filing declarations in opposition cases .. .. .	..	..	10 0 0
On hearing objections	14	1 0 0	14 0 0
On request for sealing letters patent	713	2 0 0	1,426 0 0
Renewal fees before end of fourth year	265	5 0 0	1,325 0 0
Renewal fees before end of seventh year	100	10 0 0	1,000 0 0
On application for restoration of lapsed patent	1	2 0 0	2 0 0
On restoration of lapsed patent .. .. .	..	..	66 0 0
On application to amend specification	15	1 0 0	15 0 0
On request to enter name of subsequent proprietor, &c., on Register	137	0 10 0	68 10 0
Certificates <i>re</i> assignments	32	0 5 0	8 0 0
On request to correct clerical errors	10	0 5 0	2 10 0
Certificates of Registrar	7	0 5 0	1 15 0
Certifying copies of specifications and drawings	149	0 5 0	37 5 0
On request to be examined as a Patent Agent	1	3 3 0	3 3 0
Searches	539	0 1 0	26 19 0
Copies of specifications and drawings .. .. .	..	..	107 4 9
Patent Agents renewal fees .. .. .	..	..	35 14 0
Additional fee on payment of above fee .. .. .	..	..	0 10 6
Miscellaneous .. .. .	..	..	0 11 0
..	..	..	5,762 12 3
DESIGNS.			
Applications for registration of designs .. .. .	..	5s. & 2s. 6d.	14 17 6
On extension of period of copyright under section 52 (2)	7	0 10 0	3 10 0
On application to cancel design	1	0 1 0	0 1 0
Search	3	0 1 0	0 3 0
..	..	..	18 11 6
TRADE-MARKS.			
Applications for registration of trade-marks	789	0 10 0	394 10 0
On notice of opposition	22	1 0 0	22 0 0
On extension of time for filing opposition .. .. .	..	..	5 15 0
On extension of time for filing counterstatement .. .. .	..	..	4 0 0
On extension of time for filing declarations .. .. .	..	..	2 10 0
On hearing objections	1	1 0 0	1 0 0
On extension of time for payment of fee on hearing objections .. .. .	..	..	1 0 0
On registration	572	1 0 0	572 0 0
On association .. .. .	..	..	2 16 0
On renewal of registration	151	1 0 0	151 0 0
On extension of time for payment of renewal fee	6	0 10 0	3 0 0
On restoration	1	1 0 0	1 0 0
On assignment of trade-mark .. .. .	..	£1 and 2s.	54 18 0
On certificates <i>re</i> assignments	28	0 5 0	7 0 0
On request to amend trade-mark application	5	0 5 0	1 5 0
On request to correct clerical error	3	0 5 0	0 15 0
On cancellation of entry in Register	3	0 5 0	0 15 0
Extra space in <i>Journal</i> .. .. .	..	..	21 10 0
Copy of trade-mark certificates .. .. .	..	..	2 7 6
Costs of Registrar in trade-mark case .. .. .	..	..	5 5 0
On request to alter mark under section 88	1	1 0 0	1 0 0
On request to enter change of name	1	0 5 0	0 5 0
On request to alter address	2	0 5 0	0 10 0
On request to enter disclaimer	2	0 5 0	0 10 0
Searches	192	0 1 0	9 12 0
Searches under Rule 82	100	0 2 6	12 10 0
Miscellaneous .. .. .	..	..	2 0 0
..	..	..	1,284 13 6

D.—STAFF OF OFFICERS, AND SALARIES.

							£	s.	d.
Registrar*	...	...	...	...	...	...	500	0	0
Deputy Registrar	...	...	...	...	...	...	...	...	...
Clerk	...	...	...	...	...	...	210	0	0
Clerk	...	...	...	...	...	...	190	0	0
Clerk	...	...	...	...	...	...	180	0	0
Cadet	...	...	...	...	...	...	65	0	0
Cadet	...	...	...	...	...	...	50	0	0
Librarian.	...	...	...	...	...	...	210	0	0
Typiste	...	...	...	...	...	...	96	0	0
Typiste	...	...	...	...	...	...	96	0	0
Office-cleaner	...	...	...	...	...	...	13	0	0
							£1,610	0	0

* Also Registrar of Copyright, nil.

E.—TOTAL NUMBER OF APPLICATIONS FOR PATENTS, AND REGISTRATION OF DESIGNS AND TRADE-MARKS, RECORDED FOR THE YEARS 1890 TO 1913 INCLUSIVE.

Year.	Patents.	Designs.	Trade-marks.	Total.
1890	616	5	160	781
1891	589	4	225	818
1892	606	10	290	906
1893	625	1	325	951
1894	756	15	347	1,118
1895	816	14	254	1,084
1896	992	27	279	1,298
1897	1,093	13	361	1,467
1898	1,021	10	343	1,374
1899	992	12	328	1,332
1900	1,009	15	348	1,372
1901	1,114	18	379	1,511
1902	1,431	28	412	1,871
1903	1,604	26	447	2,077
1904	1,483	24	592	2,099
1905	1,601	54	607	2,262
1906	1,745	36	702	2,483
1907	1,618	57	684	2,359
1908	1,527	79	685	2,291
1909	1,705	51	703	2,459
1910	1,831	46	818	2,695
1911	1,740	21	861	2,622
1912 { 1 Jan.-30 June	904	15	384	1,303
1912 { 1 July-31 Dec.	833	29	395	1,257
1913	1,775	65	787	2,627

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

Year.	Number of Applications with which Complete Specifications lodged.		Number of Applications with which Provisional Specifications lodged.		Number of Applications for which Complete Specifications subsequently lodged.		Number of Applications abandoned, lapsed, or refused.		Number of Patents sealed.		Total Number of Applications.
	N.Z.	Foreign.	N.Z.	Foreign.	N.Z.	Foreign.	N.Z.	Foreign.	N.Z.	Foreign.	
1890	242	207	107	60	27	17	202	50	147	217	616
1891	187	207	126	69	29	25	191	50	122	226	589
1892	202	191	160	53	40	16	237	43	125	201	606
1893	198	178	197	52	51	24	262	30	133	200	625
1894	278	166	251	61	69	16	352	51	173	176	756
1895	229	201	307	79	75	34	403	51	133	229	816
1896	299	275	318	100	68	33	439	75	185	293	992
1897	217	303	444	129	87	41	481	95	181	336	1,093
1898	199	305	419	98	102	29	447	70	172	332	1,021
1899	182	297	382	131	84	55	409	82	155	346	992
1900	160	321	441	87	97	36	452	59	149	349	1,009
1901	199	353	459	103	119	28	458	76	200	380	1,114
1902	163	357	767	144	274	65	690	86	240	415	1,431
1903	205	368	859	172	238	54	801	116	263	424	1,604
1904	200	321	754	208	198	74	700	154	254	375	1,483
1905	215	355	827	204	222	86	783	142	259	417	1,601
1906	230	405	866	244	227	100	843	175	253	474	1,745
1907	221	456	748	193	160	88	748	145	221	504	1,618
1908	221	365	792	149	211	79	741	107	272	407	1,527
1909	233	407	892	173	197	99	862	108	263	472	1,705
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	*	*	*	*	1,737
1913	217	467	965	126	*	*	*	*	*	*	1,775

* These figures are necessarily incomplete, as the time for proceeding further with the applications has not yet expired.

G.—TABLE SHOWING, OVER A SERIES OF YEARS, THE NUMBER OF PATENTS THAT WERE CONSIDERED OF SUFFICIENT VALUE TO BE KEPT ALIVE BY PAYMENT OF THE RENEWAL FEES.

Year.	Number of Applications received.	Number of Complete Specifications received.	Number of Letters Patent sealed.	Number of Patents on which Second-term Fee paid.	Number of Patents on which Final Fee paid.
1890	616	493	364	80	37
1891	589	448	348	78	23
1892	606	449	326	84	37
1893	625	451	333	99	47
1894	756	529	349	88	31
1895	816	539	362	113	45
1896	992	675	478	118	53
1897	1,093	648	517	136	49
1898	1,021	635	504	138	58
1899	992	618	501	199	90
1900	1,009	614	498	172	71
1901	1,114	699	580	200	91
1902	1,431	859	655	209	104
1903	1,604	865	687	229	95
1904	1,483	793	629	209	89
1905	1,601	878	676	231	108
1906	1,745	962	727	238	96
1907	1,618	925	725	231	...
1908	1,527	876	679	222	...
1909	1,705	936	735	252	...

H.—NUMBER OF APPLICATIONS FOR PATENTS FROM PERSONS RESIDING IN NEW ZEALAND AND OTHER COUNTRIES IN EACH OF THE YEARS 1911, 1912, AND 1913.

—	1911.	1912.	1913.	—	1911.	1912.	1913.
New Zealand ..	1,180	1,135	1,173	Italy ..	..	2	2
Argentina ..	2	1	..	Mexico ..	..	1	..
Austria ..	2	1	1	New South Wales ..	108	85	96
Belgium ..	..	..	3	Norway ..	..	6	3
Canada ..	11	12	19	Queensland ..	12	15	8
Cape Colony ..	..	1	..	Rhodesia ..	..	1	1
China ..	..	..	1	Russia ..	4	..	..
Cook Islands ..	1	..	..	South Australia ..	6	6	15
Cuba ..	..	..	1	Sweden ..	5	4	5
Denmark ..	6	3	4	Switzerland ..	1	3	1
France ..	6	10	9	Tasmania ..	4	7	5
Germany ..	21	25	25	Transvaal ..	6	4	..
Hawaii ..	..	..	1	United Kingdom ..	140	168	183
Holland ..	..	..	2	United States ..	94	118	121
Hungary ..	..	..	1	Victoria ..	124	116	84
India ..	..	2	1	Western Australia ..	6	11	13

NOTE.—A few applications were received from joint applicants resident in different countries, also from applicants giving two addresses; the figures will therefore total more than the actual number of applications received.

I.—TABLE SHOWING NUMBER OF APPLICATIONS FOR THE DIFFERENT CLASSES OF INVENTIONS FOR EACH OF THE YEARS 1911, 1912, AND 1913.

Class.	1911.	1912.	1913.	Class.	1911.	1912.	1913.
Advertising and displaying, signs, &c.	29	13	16	Illuminating (except gas-manufacture)	29	29	28
Aeronautics	10	8	4	Indicating, calculating, and measuring (including moisture-testers)	27	41	32
Amusements, music, exercisers, games, &c.	44	43	41	Kitchen utensils and cooking-appliances (including ovens)	52	32	59
Attaching and securing (including bolts, ties, &c.)	23	20	28	Lifting, hauling, and loading ..	23	28	24
Boilers (steam)	9	13	13	Locks, latches, and hinges ..	28	28	20
Boots and shoes	59	29	20	Marine and submarine (including lake and river engineering)	32	41	39
Bottles, bottling, and glass-working	23	27	24	Marking (tickets, labels, &c.) ..	12	10	6
Boxes, cans, and casks	53	45	47	Medicines and surgical appliances (including ear-instruments, dental work, &c.)	34	10	24
Brewing, distilling, &c.	2	1	5	Metal-working (including welding, stamping, and plating)	15	19	14
Brooms and brushes (including mops)	19	10	8	Milking-machines*	69	72	68
Building, construction	41	28	37	Minerals (including filtration, lixiviation, screens, &c.)	31	28	30
" (brick and cement, compositions and moulding)	27	28	28	Ditto (magnetic separators) ..	1	..	1
" (windows and doors) ..	33	23	21	" (stampers and pulverizers) ..	1	3	3
Chemicals	33	18	4	Oils and lubricators	19	9	13
Cleaning, polishing, &c.	29	15	20	Paints and painting (including kauri-gum)	11	8	13
Closets and urinals	25	19	17	Pipes, tubes, and hose	18	15	10
Coin-freed mechanism	2	7	6	Preserving	8	6	3
Cooling and freezing	10	11	6	Presses	1	3	3
Cultivating and tilling	33	32	25	Printing and photography	20	28	22
Cutting and sawing, and tools ..	83	69	49	Pumps and sprayers (except rotary pumps)	21	12	21
Dairying*	43	32	37	Railways and tramways	58	40	80
Drains and sewers	5	4	2	Roads and ways (including road-watering)	4	8	8
Dredging and excavating (including rock-drills)	11	12	3	Seed-dressing, chaff-cutting, and threshing	16	7	12
Drying	15	16	12	Seed-sowers	2	6	7
Electricity and magnetism	27	11	15	Sewing and knitting	14	9	4
Engines (air, gas, and oil)	31	34	42	Sheep and cattle (including veterinary appliances)	31	24	32
" (steam), including rotary pumps	25	19	18	Sheep shearing and clipping	7	6	4
" (miscellaneous and engine-accessories) including—	47	29	42	Shop and hotel fittings	25	6	6
Current motors, Solar motors, Tide motors, Wave motors, Wind-mills, Miscellaneous motors				Stationery and paper	57	37	38
Explosives, firearms, and targets ..	16	13	18	Telephony and telegraphy (including phonographs)	31	64	61
Exterminating (including trapping animals)	18	16	30	Tobacco	7	10	11
Fencing	32	30	20	Valves and cocks	8	16	6
" (strainers)	17	6	10	Vehicles	47	43	45
Fibre-dressing (including rope-making)	63	34	56	" (velocipedes)	46	50	42
Filters	6	3	4	Ventilating	1	5	5
Fire alarms, escapes, ladders, and extinguishers	11	15	12	Washing and cleansing	25	32	23
Food	12	9	10	Water-supplying	8	1	11
Furnaces and kilns (including smoke-consumers)	42	27	29	Wearing-apparel	75	69	55
Furniture and upholstery, desks, blinds, curtains, &c. ..	50	51	61	Wools and hides	8	9	4
Gas-manufacture for lighting, heating, or power purposes	46	29	24	Miscellaneous inventions not in other classes, as india-rubber manufacture, fishing-appliances, &c.	11	3	11
Harness (including horse, &c., covers)	15	23	20				
Harvesting and grading	13	6	6				
Heating and fuel-manufacture ..	36	23	36				

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

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

J.—NUMBER OF APPLICATIONS RECEIVED UNDER THE INTERNATIONAL AND COLONIAL ARRANGEMENTS, SHOWING THE COUNTRY OF ORIGIN, IN EACH OF THE YEARS 1911, 1912, AND 1913.

Country.	1911.	1912.	1913.	Country.	1911.	1912.	1913.
Australia	66	50	46	Great Britain	52	65	58
Austria	2	1	..	Hungary .. .. .	..	..	1
Belgium .. .. .	..	2	1	Norway .. .. .	..	3	..
Canada .. .. .	..	..	1	Spain .. .. .	..	..	1
France	5	6	1	Switzerland .. .. .	..	1	1
Germany	1	12	6	United States of America	8	12	23

K.—APPLICATIONS PENDING AT END OF 1913.

Total, 1,103.

L.—PATENTS IN FORCE AT END OF YEAR 1913.

Patents sealed from 31st December, 1909 to 31st December, 1913	..	2,027
Second-term fees paid from 31st December, 1910, to 31st December, 1913	..	721
Third-term fees paid from 31st December, 1906 to 31st December, 1913	..	663
Total	..	3,411

M.—TABLE SHOWING TOTAL NUMBER OF APPLICATIONS, LETTERS PATENT SEALED, AND LETTERS PATENT IN FORCE FOR FULL TERM UNDER THE DIFFERENT PATENTS ACTS, UP TO 31ST DECEMBER, 1913, (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	12,706*	1,150*
Act of 1911 ...	1st July, 1912, to 31st December, 1913	2,607	411*	*
Grand totals	...	34,186	15,670*	2,092*

* Incomplete.

N.—TABLE SHOWING NUMBER OF APPLICATIONS IN EACH OF THE SIXTEEN CLASSES UNDER THE PATENTS, DESIGNS, AND TRADE-MARKS ACT, 1911, FROM 1ST JANUARY TO 31ST DECEMBER, 1913.

Class 1.—Articles composed wholly of metal or in which metal predominates, not included in Class 2	20
Class 2.—Jewellery	9
Class 3.—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..	25
Class 4.—Articles composed wholly of glass, earthenware, or porcelain, bricks, tiles, or cement, or in which such materials predominate	2
Class 5.—Articles composed wholly of paper (except paperhangings), cardboard, millboard, or strawboard, or in which such materials predominate	3
Class 6.—Articles composed wholly of leather or in which leather predominates, and bookbinding of all materials	..
Class 7.—Paperhangings	..
Class 8.—Carpets and rugs in all materials, floorcloths, and oilcloths	..
Class 9.—Lace	..
Class 10.—Hosiery	..
Class 11.—Millinery and wearing-apparel, including boots and shoes	1
Class 12.—Ornamental needlework on muslin or other textile fabrics	..
Class 13.—Printed or woven designs on textile piece-goods (other than checks or stripes)	1
Class 14.—Printed or woven designs on handkerchiefs and shawls (other than checks or stripes)	..
Class 15.—Printed or woven designs (on textile piece-goods or on handkerchiefs or shawls) being checks or stripes	1
Class 16.—Goods not included in other classes	3

O.—NUMBER OF APPLICATIONS FOR REGISTRATION OF TRADE-MARKS FROM PERSONS RESIDING IN NEW ZEALAND AND OTHER COUNTRIES IN EACH OF THE YEARS 1911, 1912, AND 1913.

	1911.	1912.	1913.		1911.	1912.	1913.
New Zealand	378	303	303	New South Wales	45	41	54
Austria	..	3	..	Norway	2	..	6
Belgium	6	1	4	Philippines	..	..	10
Canada	6	6	8	Queensland	..	3	4
Denmark	3	1	4	Sweden	4	..	12
France	6	10	6	Switzerland	5	2	1
Germany	57	19	20	Transvaal	1	1	..
Holland	2	2	2	United Kingdom	268	297	253
Hungary	..	1	..	United States	68	66	70
India	..	1	2	Victoria	23	20	28
Italy	1	..	..	Western Australia	1	..	..
Japan	..	1	..				

NOTE.—A few applications were received from persons giving addresses in two or more countries; the figures will therefore total more than the actual number of applications received.

P. NUMBER OF APPLICATIONS TO REGISTER TRADE-MARKS IN THE FIFTY DIFFERENT CLASSES, IN EACH OF THE YEARS 1911, 1912, AND 1913.

Classes.	Classification of Goods.	1911.	1912.*				1913.
			Jan. 1 to June 30.	July 1 to Dec. 31.	Total.		
1	Chemical substances used in manufactures, photography, or philosophical research, and anti-corrosives	31	11	13	24	32	
2	Chemical substances used for agricultural, horticultural, veterinary, and sanitary purposes	32	9	14	23	22	
3	Chemical substances prepared for use in medicine and pharmacy	64	43	32	75	61	
4	Raw or partly prepared vegetable, animal, and mineral substances used in manufactures not included in other classes	17	2	2	4	8	
5	Unwrought and partly wrought metals used in manufacture	16	4	13	17	12	
6	Machinery of all kinds, and parts of machinery, except agricultural and horticultural machines included in Class 7	18	12	12	24	20	
7	Agricultural and horticultural machinery, and parts of such machinery	10	3	6	9	12	
8	Philosophical instruments, scientific instruments, and apparatus for useful purposes; instruments and apparatus for teaching	14	8	2	10	8	
9	Musical instruments	11	3	3	6	14	
10	Horological instruments	6	3	1	4	4	
11	Instruments, apparatus, and contrivances, not medicated, for surgical or curative purposes, or in relation to the health of men or animals	6	1	..	1	6	
12	Cutlery and edge-tools	12	4	5	9	5	
13	Metal goods not included in other classes	29	20	16	36	35	
14	Goods of precious metals (including aluminium, nickel, Britannia-metal, &c.) and jewellery, and imitations of such goods and jewellery	3	8	1	9	4	
15	Glass	8	5	..	5	4	
16	Porcelain and earthenware	7	..	6	6	2	
17	Manufactures from mineral and other substances for building or decoration	7	2	2	4	8	
18	Engineering, architectural, and building contrivances	5	4	4	8	12	
19	Arms, ammunition, and stores not included in Class 20	3	..	..	..	..
20	Explosive substances	3	..	..	..	9
21	Naval architectural contrivances and naval equipments not included in Classes 19 and 20	..	..	..	..	..
22	Carriages	10	13	9	22	19	
23	(a) Cotton yarn; (b) sewing-cotton	7	6	3	9	2	
24	Cotton piece-goods of all kinds	10	5	5	10	10	
25	Cotton goods not included in Classes 23, 24, and 38	11	2	..	2	1	
26	Linen and hemp yarn and thread	7	..	..	..	..
27	Linen and hemp piece-goods	2	1	1	2	..	
28	Linen and hemp goods not included in Classes 26, 27, and 50	..	..	..	..	..
29	Jute yarns and tissues, and other articles made of jute not included in Class 50	..	..	..	..	..
30	Silk, spun, thrown, or sewing	9	3	1	4	4	
31	Silk piece-goods	3	1	..	1	2	
32	Other silk goods not included in Classes 30 and 31	2	..	..	..	..
33	Yarns of wool, worsted, or hair	..	..	..	..	..
34	Cloths and stuffs of wool, worsted, or hair	15	6	6	12	8	
35	Woollen and worsted and hair goods not included in Classes 33 and 34	5	..	2	2	1	
36	Carpets, floorcloth, and oilcloth	..	..	1	1	1
37	Leather, skins, unwrought and wrought, and articles made of leather not included in other classes	7	2	3	5	6	
38	Articles of clothing	84	30	41	71	65	
39	Paper (except paperhangings), stationery, and bookbinding	27	7	10	17	6	
40	Goods manufactured from indiarubber and gutta-percha not included in other classes	6	4	3	7	7	
41	Furniture and upholstery	5	3	1	4	3	
42	Substances used as food or as ingredients in food	125	49	51	100	167	
43	Fermented liquors and spirits	33	14	12	26	22	
44	Mineral and aerated waters, natural and artificial, including ginger-beer	19	2	4	6	5	
45	Tobacco, whether manufactured or unmanufactured	19	2	40	42	49	
46	Seeds for agricultural and horticultural purposes	1	3	2	5	..	
47	Candles, common soap, detergents; illuminating, heating, or lubricating oils; matches; and starch, blue, and other preparations for laundry purposes	58	29	26	55	50	
48	Perfumery (including toilet articles), preparations for the teeth and hair, and perfumed soap	25	21	25	46	45	
49	Games of all kinds, and sporting articles not included in other classes	3	4	1	5	..	
50	Miscellaneous	66	36	17	53	37	

* The Patents, Designs, and Trade-marks Act, 1911, came into force on 1st July, 1912.

Q.—INSTITUTIONS FILING PATENT OFFICE JOURNAL FOR FREE PUBLIC INSPECTION.

NEW ZEALAND.

Auckland :—

Auckland—Supreme Court Library.
 Auckland Public Library.
 Leys Institute.
 Local Patent Office, Supreme Court.
 Chamber of Commerce.
 University College.
 Bombay—Public Library.
 Dargaville—Public Library.
 Drury—Public Library.
 East Tamaki—Public Library.
 Gisborne—Local Patent Office, Courthouse.
 Technical School.
 Glenfield—Public Library.
 Gordon—Public Library.
 Hamilton—Local Patent Office, Courthouse.
 Hinuera—Public Library.
 Howick—Public Library.
 Huntly—Public Library.
 Kaeo—Public Library.
 Kamo—Public Library.
 Katikati—Public Library.
 Kaukapakapa—Public Library.
 Kawakawa—Public Library.
 Kawhia—Public Library.
 Kohukohu—Public Library.
 Kuaotunu—Public Library.
 Mahurangi—Public Library.
 Maroretu—Public Library.
 Mercury Bay—Public Library [or Whitianga].
 Onehunga—Public Library.
 Otahuhu—Public Library.
 Paeroa—Public Library.
 Papakura—Public Library.
 Pokeno—Public Library.
 Port Albert—Public Library.
 Pukekohe—Public Library.
 Raglan—Public Library.
 Ruatangata—Public Library.
 Silverdale—Public Library.
 Taneatua—Opouriao Library.
 Tapuhi—Public Library.
 Taupiri—Public Library.
 Tauranga—Public Library.
 Te Aroha—Public Library, care of Tourist Agent.
 Te Aroha West—Public Library.
 Te Awamutu—Public Library.
 Te Karaka—Public Library.
 Te Uku—Public Library.
 Thames—Local Patent Office, Courthouse.
 Turanganui—Public Library.
 Upper Waiwera—Public Library.
 Waihi—Local Patent Office, Courthouse.
 Waikino—Public Library.
 Waikumete—Public Library.
 Wairoa South—Public Library.
 Whakatane—Public Library.
 Whangarata—Public Library.
 Whangarei—Local Patent Office, Courthouse.
 Public Library.
 Whangarei Heads—Public Library.

Taranaki :—

Alton—Public Library.
 Auroa—Public Library.
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 Inglewood—Public Library.
 Lepperton—Public Library.
 New Plymouth—Local Patent Office, Courthouse.
 Kaponga—Public Library.
 Opunake—Public Library.
 Waitara—Public Library.

Hawke's Bay :—

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 Napier—Local Patent Office, Courthouse.
 Municipal Library.
 Technical College.
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 Petone—Public Library.
 Porirua—Public Library.
 Rangiwahia—Public Library.
 Sanson—Public Library.
 Shannon—Public Library.
 Taihape—Local Patent Office, Courthouse.
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 Wairangi—Public Library.

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 Havelock—Public Library.
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Canterbury :—

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 Canterbury Public Library.
 Free Public Library.
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 Timaru—Local Patent Office, Courthouse.
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 Carnegie Library.
 View Hill—Public Library.
 Waiau—Public Library.
 Waihaorunga—Public Library.
 Waikari—Public Library.
 Waimate—Public Library.
 Waitohi Flat—Public Library.
 Waltham—Public Library.
 Waterton—Public Library.
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Westland :—

Granity—Public Library.
 Greymouth—Local Patent Office, Courthouse.
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 Hokitika—Local Patent Office, Courthouse.
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 Runanga—Seddon Memorial Institute.
 Waimangaroa—Public Library.
 Westport—Free Public Library.
 Local Patent Office, Courthouse.

Otago :—

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 Beaumont—Public Library.
 Clinton—Public Library.
 Clyde—Local Patent Office, Courthouse.
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 University of Otago.
 Supreme Court Library.
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 Papakaio—Public Library.
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Southland :—

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 Croydon—Public Library.
 Edendale—Public Library.
 Gore—Local Patent Office, Courthouse.
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 Te Tua—Public Library.
 Tuturau—Public Library.
 Waikaia—Public Library.

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 Incorporated Law Institute.
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 Charters Towers—School of Mines.
 Ipswich—Technical College.
 Mount Morgan—Technical College.

South Australia :—

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 Chamber of Commerce (Inc.).
 Public Library of South Australia.
 Moonta—Moonta School of Mines.
 Mount Gambier—Mount Gambier Institute.

Tasmania :—

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Ballarat—School of Mines and Industries.
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Western Australia :—

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 Bow Public Library.
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 East Ham Central Library.
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 Imperial Institute, South Kensington.
 Ealing Public Library (W. Ealing Branch).
 Patent Office.
 Leeds—Central Public Library.
 Lower Edmonton—Central Public Library.
 Luton—Public Library.
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 Sunderland—Public Library.
 Thornaby-on-Tees—Public Library.
 Truro—Public Library.
 Tynemouth—Public Library.
 Walsall—Public Library.
 Public Library and Art Gallery.
 Waterloo—Public Library.
 Watford—Public Library.
 Wednesbury—Public Library.
 West Bromwich—Public Library.
 West Ham—Public Library.
 Weston-super-Mare—Public Library.
 Wigan—Public Library.
 Leyland Free Library and Museum.
 Woolwich—Public Library.
 Worcester—Public Library.
 Victoria Institute.
 York—Public Library.
 City of York Public Library.

BRITISH GUIANA.

Georgetown—Government Secretary's Office.

CANADA.

Ottawa—Patent Office.
 Toronto—Public Library.

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