

SESSION II.
1918.
NEW ZEALAND.

PATENTS, DESIGNS, AND TRADE-MARKS.

TWENTY-NINTH 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.

I HAVE the honour to submit my report of proceedings under the Patents, Designs, and Trade-marks Act, 1911, during the past year.

The total number of applications in respect of patents, designs, and trade-marks for the year has only slightly increased from the number in 1915, which was the lowest received as a result of the war—

1913.	1914.	1915.	1916.	1917.
2,627	2,316	1,953	2,040	2,038

but the number of specifications received in the year (which affords perhaps a better indication of the work of the Office) shows a marked increase over the total for each of the two previous years, although, of course, it is considerably behind the number received yearly prior to the war:—

1913.	1914.	1915.	1916.	1917.
2,051	1,860	1,553	1,483	1,682

The conditions arising from the war no doubt result in even fewer inventions than formerly being perfected and brought into use, and it is hoped that an opportunity will be afforded inventors of securing an adequate return from such of those that may prove of benefit to the public.

Following the Imperial Act, the New Zealand statute requires that the Office shall examine all specifications to see that the inventions have been properly described, and also authorizes it to search and require amendment of or refuse cases where an invention is partly or wholly anticipated. This is no doubt an important part of the duties of a Patent Office; but while in Great Britain and Australia special staffs of examiners are appointed for the purpose, practically no provision has yet been made here for doing the work in a thoroughly satisfactory manner. At a time like the present no extension of the existing facilities can probably be effected, but as amendments of the law are under consideration in Great Britain, and may be so here, it is perhaps not out of place to lay stress on the necessity for the provision of an adequate staff to render legislation in those respects fully effective.

The total revenue of the Office was £6,954 19s. 3d., as compared with £7,107 11s. 3d. for the previous year, a decrease of £152 12s. The expenditure amounted to £3,258 4s. 11d., an increase of £422 19s. 10d. on that of the former year, in which it was £2,835 5s. 1d.

Receipts other than those of the ordinary nature included fees for the renewal of marks registered prior to 1890, and due before the expiry of every fourteen years from that date.

Expenditure of an exceptional and non-recurring character accounted for £287 11s. 6d. Owing to unavoidable delay in compiling and printing the index for 1915, its cost is included in the expenditure for last year instead of the previous year.

The cessation of the payment of the renewal fees under the previous Act (the last of which are now being received), while the reduced renewal fees under the present Act are also being paid, will tend to somewhat reduce the revenue, unless maintained from other sources.

The production of revenue beyond the amount required to defray its own expenses strictly forms no function of a Patent Office, and while further reduction of the fees (which are now the lowest in the world with the exception of those in the United States of America) does not at present seem advisable, there are many directions in which improvement may be effected before that state is reached when the needs of the public, of inventors, and the Office can be regarded as having been adequately met and any surplus be absorbed into the general revenue without detriment to the progress of invention and industry.

The present premises being required for other purposes, the Office is being shifted into the adjoining building. Though the accommodation there affords little if any more office-space than at present occupied, and is divided into a number of small rooms, it has the advantage of enabling the staff to be together in one building instead of in separate premises; of providing rather better facilities for those doing business with the Office; and, what is important, separate space for the library, where it can be more conveniently referred to during the day, and, it is hoped, be open to some extent at night also—the only time when the public for the most part are free to refer to it.

Grave risk, however, is incurred of the loss or destruction of important titles and records, owing to there being no safe-accommodation for them, and it is important that this be provided as soon as possible.

Besides the questions already referred to, the printing of specifications and abridgments are amongst other matters of importance which require attention before the full benefit of our patent laws can be reaped.

WAR PROVISIONS.

The only application for avoidance or suspension of enemy registration during the past year was in the case of one trade-mark, but it was not considered to be in the interests of the public that it should be avoided, and the application was accordingly refused.

Action still continues to be freely taken under the provision enabling further time to be granted where, owing to the war, the requisite steps cannot be taken or fee paid by the due date.

Where on account of the war it is considered inadvisable that inventions should become known to the enemy the publication of specifications is withheld, and for the same reason permission is required to be obtained before applications for patents are made abroad.

PATENTS.

The number of applications received during 1917 was 1,329, being 68 more than in 1916. Provisional specifications were left with 789 (784) applications, and complete specifications with 540 (479), while 355 (220) complete specifications were lodged in respect of applications with provisional specifications which had been previously filed, making a total of 1,684 specifications for the year, or 200 more than in the previous year. [NOTE.—A mistake occurs in this part of the report for last year. In place of the last two lines of the paragraph headed "Patents," commencing "of 1,483 applications," there should have been inserted "of 1,483 specifications, as compared with 1,553 in 1915, and 2,051—the greatest number received in any one year—in 1913."]

The total number of applications received to the 31st December, 1917, is 39,648, and the number of patents then in force 4,258.

The amount received in patent fees was £5,060 11s. 3d., £781 6s. 9d. less than in the previous year. The decrease is chiefly in respect of renewal fees, £2,469 being received in that respect in 1917, as compared with £3,138 in the preceding year.

Applications were made for the restoration of 3 lapsed patents, and were all granted, the fees therefrom realizing £44. In 1916, 7 patents were restored, the fees amounting to £171. From women inventors 26 applications were received, as compared with 44 in 1916. Four patents of addition were sealed during the year. The provision enabling the subject-matter of two or more provisional specifications to be included in the one complete specification was availed of in only one case in 1917.

Value of Patents as shown by Extent to which they are maintained.

The extent to which the industries of the country are affected by its patent laws is a matter which probably only those connected with manufacture are in a position to ascertain, and the number of applications for patents, &c., affords little guide in the matter. The patents maintained over a term of years, &c., in proportion to those granted convey perhaps a slight indication of the number of inventions that are successful as compared with the number patented; and the following comparison is made for what it is worth, between the patents applied for by residents of New Zealand and granted and kept in force by the payment of the fees required after the fourth and seventh years under the Act of 1908, and after the third year under the Act of 1911. Similar figures with regard to patents applied for in the United Kingdom granted and maintained by the payment of fees for the fourth and seventh years are added,

Patents sealed in the Years 1908, 1909, 1910, 1913, and 1914, and kept in Force by Payment of Renewal Fees.

New Zealand—Act of 1908.

Year.	Patents sealed.			Fee due by Fifth Year paid.			Fee due by Eighth Year paid.		
	Total.	Foreign.	N.Z.	Total.	Foreign.	N.Z.	Total.	Foreign.	N.Z.
1908 ..	762	512	250	250	172	78	107	78	29
1909 ..	660	428	232	246	169	77	99	78	21
1910 ..	790	542	248	262	187	75	129	100	29

Great Britain.

1905 ..	14,914	..	..	5,016	..	..	2,320	..	..
1906 ..	16,488	..	..	5,778	..	..	2,755	..	..
1907 ..	16,180	..	..	5,547	..	..	2,566	..	..

New Zealand—Act of 1911.

				Fee due by Fourth Year paid.					
				Total.	Foreign.	N.Z.			
1913 ..	660	395	265	198	100	98	..	..	..
1914 ..	799	547	252	417	287	130	..	..	..

It will be seen that in New Zealand for the period referred to 34·2 per cent. of the patents sealed were maintained by the payment of the fee due by the fifth year, and 15·1 per cent. by the payment of the fee due by the eighth year, the percentage of the patents granted to *residents* of this country maintained at the times mentioned being 31·5 and 10·8 respectively; and that 42·1 per cent. of the patents sealed under the Act of 1911 in 1913–14 were kept in force by the payment of the fee due by the fourth year, the proportion of such patents maintained to those granted to *residents* of New Zealand being 44 per cent.

The proportion per cent. of the patents maintained in Great Britain by the payment of the fees due by the fifth and eighth years was 34·3 and 16·0 for the years mentioned.

Examination of Specifications.

The result of the limited examination of specifications, &c., investigation of the novelty of inventions in respect of which, as has already been pointed out, no special provision has yet been made, was as follows:—

Number of applications received from 1st June, 1916, to 31st May, 1917 (inclusive)	1,367
Applications in respect of which amendment under section 5, or compliance with other formalities, required before acceptance ..	341
Applications in respect of which amendment on account of want of novelty required before acceptance	49
Not accepted	24

Classification.

The checking and revision of the classification, to the necessity of which I have referred in previous reports, is a work which should be undertaken as soon as an opportunity is afforded of putting it in hand.

Countries from which Applications received.

Last year 884 applications were received from residents in New Zealand, 2 more than in the previous year; and 447 from applicants outside New Zealand, 29 more than in 1916, of which number 215 were from the Commonwealth, 117 from Great Britain, and 82 from the United States of America.

Trend or Subject-matter of Inventions.

A considerably larger number of applications than usual were received on the subject of internal-combustion engines, 52 (22), and inventions in respect of cultivating appliances, 49 (32).

Furnaces, 23 (5), were somewhat more numerous than usual, but there is no noticeable increase in any other classes of inventions. Fewer applications were made for arms and munitions, 25 (35); fencing, 13 (21); milking-machines, 37 (51); and for certain other subjects.

DESIGNS.

Registration of Designs.

There were 83 applications received, and registration was effected in 80 cases, as compared with 113 applications and 108 registrations in the previous year.

The fees amounted to £25, being £2 less than in 1916.

TRADE-MARKS.

Last year 619 applications for registration of trade-marks were received, 47 short of the number in the previous year.

The amount received in fees in respect of trade-marks was £1,825 16s., as against £1,191 4s. for 1916, an increase of £634 12s. The revenue would have shown a falling-off, as the general business under this head was less than in the previous year, had it not been for the renewal fees in respect of marks registered before the year 1890, which, as has already been pointed out, fall due simultaneously at the expiry of every fourteen years from that date. Owing to delay in the mails and other causes due to the war, fees in many of those cases did not come to hand until the present year.

The number of trade-marks on the Register at the end of the year was 10,276.

Countries from which Applications received.

Residents of New Zealand lodged 250 applications, 30 more than in 1916, and persons in other countries 374, 77 less than the number for 1916.

Goods for which Trade-marks registered.

The largest number of applications received in any one class is 103 (in Class 42, substances used as food or as ingredients in food), as compared with 132 in 1916; and an increase occurs in 18 classes, while a decrease is shown in 24 classes.

GENERAL.

Notices of opposition were lodged in only 9 cases during the year. One appeal was heard and upheld.

PATENT AGENTS.

The number of Patent Agents on the Register is 23.

CONCLUSION.

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

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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. vi of the *Patent Office Journal*.

Patent Office, Wellington, 18th October, 1918.

J. C. LEWIS, Registrar.

APPENDIX.

A.—BALANCE-SHEET OF INCOME AND EXPENDITURE FOR THE YEAR ENDED 31ST DECEMBER, 1917.

<i>Income.</i>				<i>Expenditure.</i>			
	£	s.	d.		£	s.	d.
Patent fees	5,060	11	3	Salaries	1,817	18	4
Design fees	25	0	0	Clerical assistance	65	9	2
Trade-mark fees	1,825	16	0	Fees to local Patent Officers	3	7	6
Sale of Acts, Gazettes, Journals, Name Index, &c.	43	12	0	Binding printed specifications presented to Office by other countries	10	7	0
				Printing <i>Patent Office Journal</i>	622	11	6
				Printing Letters Patent in Force, &c.	150	16	0
				Printing Index to <i>Patent Office Journal</i>	176	3	0
				Other printing and binding	181	6	3
				Railway notice-boards	50	12	6
				Rental for railway notice-boards	21	17	6
				Stationery	38	4	8
				Stamps	89	10	0
				Payments refunded	17	1	6
				Stores, &c.	6	5	6
				Typewriter-repairs	4	13	6
				Miscellaneous	2	1	0
				Balance	3,696	14	4
	£6,954	19	3		£6,954	19	3

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.	
1910 ..	6,314	9 11	2,669	9 5	3,645 0 6	1914 ..	7,572	0 0	3,536	15 3	4,035 4 9
1911 ..	6,535	6 0	2,440	18 7	4,094 7 5	1915 ..	7,491	13 11	3,230	16 0	4,260 17 11
1912 ..	6,756	7 11	2,989	3 0	3,767 4 11	1916 ..	7,107	11 3	2,835	5 1	4,272 6 2
1913 ..	7,113	7 0	2,972	0 3	4,141 6 9	1917 ..	6,954	19 3	3,258	4 11	3,696 14 4

C.—PARTICULARS OF FEES RECEIVED FROM 1ST JANUARY TO 31ST DECEMBER, 1917.

	Number.	Fees, each.	Amount received.
PATENTS.			
Applications for patents with provisional specifications	789	£ s. d. 0 10 0	£ s. d. 394 10 0
Applications for patents with complete specifications	540	1 0 0	540 0 0
Complete specifications left after provisional specifications	355	1 0 0	355 0 0
Applications for extension of time for filing complete specifications	45	0 10 0	22 10 0
Applications for extension of time for acceptance of complete specifications	..	10s., £1. or £1 10s.	18 0 0
Applications for extension of time for payment of fees	..	10s., £1. or £1 10s.	57 10 0
On giving notice of opposition	4	2 0 0	8 0 0
On hearing objections	4	2 0 0	8 0 0
On request for sealing letters patent	498	2 0 0	996 0 0
Renewal fees paid before end of third year	340	3 0 0	1,020 0 0
Renewal fees paid before end of fourth year	1	5 0 0	5 0 0
Renewal fees paid before end of sixth year	24	6 0 0	144 0 0
Renewal fees paid before end of seventh year	130	10 0 0	1,300 0 0
Applications to seal letters patent after the prescribed time	3	3 0 0	9 0 0
On sealing letters patent after the prescribed time	..	..	7 0 0
Applications for restoration of lapsed patents	3	2 0 0	6 0 0
On restoration of lapsed patents	..	..	38 0 0
On request to enter name of subsequent proprietor on register	59	0 10 0	29 10 0
Request to correct clerical errors	1	0 5 0	0 5 0
Certificates of Registrar	54	0 5 0	13 10 0
Certifying copies of specifications and drawings	..	..	..
Patent Agents' renewal fees	24	1 1 0	25 4 0
Altering address	3	0 5 0	0 15 0
Searches	..	..	14 4 6
Copies of specifications and drawings	..	..	48 12 9
..	..	..	5,060 11 3
DESIGNS.			
On application for registration of designs	..	5s. & 2s. 6d.	19 10 0
Extension of period of copyright under section 52 (2)	..	..	5 0 0
Searches	..	..	0 5 0
Assignment of design	..	..	0 5 0
..	..	..	25 0 0
TRADE-MARKS.			
Applications for registration	619	0 10 0	309 10 0
On giving notice of opposition	5	1 0 0	5 0 0
On extension of time for filing opposition	..	..	4 0 0
On registration	476	1 0 0	476 0 0
On association	189	0 1 0	9 9 0
On renewal of registration	949	1 0 0	949 0 0
On extension of time for payment of renewal fee	1	..	0 15 0
On assignment	..	..	36 18 0
On certificates re assignments	..	..	..
Amendment	..	..	1 10 0
On cancellation	5	..	1 5 0
Request to alter address	1	0 5 0	0 5 0
Extra space in <i>Journal</i>	..	..	6 8 0
Copies of trade-mark certificates	..	..	8 9 0
On application for leave to add to or alter a trade-mark	5	0 5 0	1 5 0
Request to enter change of name	..	5s. and 1s.	0 11 0
Certificate re change of name	2	0 5 0	0 10 0
On application for avoidance or suspension of trade-mark application	1	2 0 0	2 0 0
Certificates of Registrar	25	0 5 0	6 5 0
On request to strike out goods from a registered trade-mark	4	0 5 0	1 0 0
On extension of time to leave declaration in support of opposition	4	..	1 0 0
Searches	..	..	3 16 0
On appeal to Court from decision of Registrar	1	..	1 0 0
..	..	..	1,825 16 0

D.—STAFF OF OFFICERS, AND SALARIES.

	£	s.	d.
Registrar [*]	550	0	0
Deputy Registrar [†]	370	0	0
Clerk	220	0	0
Clerk	190	0	0
Clerk (for two months)	20	0	0
Cadet	80	0	0
Cadet (for ten months)	41	13	4
Cadet (for nine months and a half)	39	11	8
Cadet (for four months)	16	13	4
Librarian	170	0	0
Typist	120	0	0

£1,817 18 4

^{*} Also Registrar of Copyright, nil.[†] Also Deputy Registrar of Copyright, nil.

F.—TOTAL NUMBER OF APPLICATIONS FOR PATENTS AND REGISTRATION OF DESIGNS AND TRADE-MARKS RECORDED FOR THE YEARS 1890, 1900, AND 1910 TO 1917 (INCLUSIVE).

Year.	Patents.	Designs.	Trade-marks.	Total.
1890	616	5	160	781
1900	1,009	15	348	1,372
1910	1,831	46	818	2,695
1911	1,740	21	861	2,622
1912	1,737	44	779	2,560
1913	1,775	65	787	2,627
1914	1,574	55	687	2,316
1915	1,299	89	565	1,953
1916	1,261	113	666	2,040
1917	1,329	83	619	2,031

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.	
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	*	*	*	*	1,261
1917	183	360	708	84	*	*	*	*	*	*	1,329

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

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.

G.—NUMBER OF APPLICATIONS FOR PATENTS IN NEW ZEALAND FROM PERSONS RESIDING THERE AND IN OTHER COUNTRIES IN EACH OF THE YEARS 1915, 1916, AND 1917.

—			1915.	1916.	1917.	—			1915.	1916.	1917.
New Zealand	..	..	927	882	884	Norway	..	..	2	2	8
Argentina	..	..	..	..	1	Queensland	..	..	9	8	13
Belgium	..	..	..	1	..	South Australia	..	..	11	13	4
Brazil	..	..	..	1	..	Spain	..	..	..	1	..
Canada	..	..	9	6	9	Sweden	..	..	..	2	7
China	..	..	1	..	..	Switzerland	..	..	..	2	..
Denmark	..	..	3	6	1	Tasmania	..	..	8	5	7
France	..	..	1	..	4	Transvaal	..	..	2	..	..
Germany	..	..	1	..	..	United States of	..	..	60	96	82
Great Britain	..	..	98	110	117	America	..	..	..	..	..
Holland	..	..	..	2	2	Victoria	..	..	100	90	111
Italy	..	..	..	2	1	Western Australia	..	..	8	8	12
New South Wales	..	..	60	63	68						

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.

H.—TABLE SHOWING NUMBER OF APPLICATIONS FOR PATENTS FOR THE DIFFERENT CLASSES OF INVENTIONS FOR EACH OF THE YEARS 1915, 1916, AND 1917.

Class.	1915.	1916.	1917.	Class.	1915.	1916.	1917.
Advertising and displaying signs, &c.	5	4	..	Illuminating (except gas-manufacture)	12	20	12
Aeronautics	8	7	13	Indicating, calculating, and measuring (including moisture-testers)	37	20	26
Amusements, music, exercisers, games, &c.	32	35	23	Kitchen utensils and cooking-appliances (including ovens)	35	33	27
Attaching and securing (including bolts, ties, &c.)	21	11	20	Lifting, hauling, and loading ..	25	16	29
Boilers (steam)	11	4	5	Locks, latches, and hinges ..	13	15	14
Boots and shoes	26	34	39	Marine and submarine (including lake and river engineering)	43	19	46
Bottles, bottling, and glass-working	9	16	9	Marking (tickets, labels, &c.) ..	12	14	7
Boxes, cans, and casks	33	29	34	Medicines and surgical appliances (including ear-instruments, dental work, &c.)	16	23	29
Brewing, distilling, &c.	2	..	2	Metal-working (including welding, stamping, and plating)	15	8	8
Brooms and brushes (including mops)	8	8	21	Milking-machines*	55	51	37
Building construction	28	17	24	Minerals (including filtration, lixiviation, screens, &c.)	11	14	8
" (brick and cement compositions and moulding)	22	28	25	Ditto (magnetic separators) ..	1	..	..
" (windows and doors) ..	31	9	20	" (stampers and pulverizers) ..	2	6	4
Chemicals	3	6	15	Oils and lubricators	20	5	4
Cleaning, polishing, &c.	10	15	4	Paints and painting (including kauri-gum)	11	11	24
Closets and urinals	21	14	9	Pipes, tubes, and hose	8	7	4
Coin-freed mechanism	2	11	4	Preserving	3	6	8
Cooling and freezing	8	4	13	Presses	4	1	2
Cultivating and tilling	25	32	49	Printing and photography	11	10	9
Cutting and sawing, and tools ..	32	36	45	Pumps and sprayers (except rotary pumps)	7	16	17
Dairying*	22	21	29	Railways and tramways	32	34	16
Drains and sewers	3	2	3	Roads and ways (including road-watering)	1	7	2
Dredging and excavating (including rock-drills)	9	4	3	Seed-dressing, chaff-cutting, and threshing	6	5	3
Drying	6	23	13	Seed-sowers	12	6	4
Electricity and magnetism	21	22	11	Sewing and knitting	9	8	9
Engines (air, gas, and oil)	26	22	52	Sheep and cattle (including veterinary appliances)	23	18	16
" (steam), including rotary pumps	9	9	12	Sheep shearing and clipping	2	3	4
" (miscellaneous and engine accessories) including current motors, solar motors, tide motors, wave motors, wind-mills, miscellaneous motors	26	26	41	Shop and hotel fittings	9	11	14
Explosives, firearms, and targets ..	25	35	25	Stationery and paper	23	32	28
Exterminating (including trapping animals)	12	15	15	Telephony and telegraphy (including phonographs)	26	24	26
Fencing	14	19	8	Tobacco	8	2	4
" (strainers)	5	4	5	Valves and cocks	10	9	3
Fibre-dressing (including rope-making)	25	15	24	Vehicles	32	32	31
Filters	2	2	1	" (velocipedes)	36	34	26
Fire alarms, escapes, ladders, and extinguishers	14	9	3	Ventilating	6	5	5
Food	8	6	7	Washing and cleansing	17	17	15
Furnaces and kilns (including smoke-consumers)	7	5	23	Water-supplying	6	7	6
Furniture and upholstery, desks, blinds, curtains, &c.	34	55	51	Wearing-apparel	22	27	21
Gas-manufacture for lighting, heating, or power purposes	17	14	10	Wools and hides	7	6	10
Harness (including horse, &c., covers)	18	17	4	Miscellaneous inventions not in other classes, as indiarubber-manufacture, fishing-appliances, &c.	4	4	10
Harvesting and grading	9	6	13				
Heating and fuel-manufacture	27	25	34				

* 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 rather more than the actual number of applications received.

I.—APPLICATIONS PENDING AT END OF YEAR 1917.

Total, 1,318.

J.—PATENTS IN FORCE AT END OF YEAR 1917.

Patents sealed from 31st December, 1914, to 31st December, 1917	..	1,756
Third-year fees paid from 31st December, 1914, to 31st December, 1917	..	978
Fourth-year fees paid from 31st December, 1913, to 31st December, 1917	..	704
Sixth-year fees paid from 31st December, 1911, to 31st December, 1917	..	24
Seventh-year fees paid from 31st December, 1910, to 31st December, 1917	..	796
Total	..	4,258

K.—TABLE SHOWING 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, 1917 (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	1,645*
Act of 1911 ...	1st July, 1912, to 31st December, 1917	8,069	2,888*	24*
Grand totals ...	...	39,648	18,152*	2,611*

* Incomplete.

L.—TABLE SHOWING NUMBER OF APPLICATIONS FOR REGISTRATION OF DESIGNS IN EACH OF THE PRINCIPAL CLASSES UNDER THE PATENTS, DESIGNS, AND TRADE-MARKS ACT, 1911, FROM 1ST JANUARY TO 31ST DECEMBER, 1917.

Class 1.—Articles composed wholly of metal or in which metal predominates, not included in Class 2	46
Class 2.—Jewellery	15
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 ..	17

M.—NUMBER OF APPLICATIONS FOR REGISTRATION OF TRADE-MARKS FROM PERSONS RESIDING IN NEW ZEALAND AND OTHER COUNTRIES IN EACH OF THE YEARS 1915, 1916, AND 1917.

	1915.	1916.	1917.		1915.	1916.	1917.
New Zealand ..	203	220	250	India	2	1	..
Canada	4	15	29	Japan	..	1	1
Cape Colony ..	..	2	..	Natal	..	..	1
Ceylon	..	1	..	New South Wales ..	50	69	41
Denmark	..	1	2	Norway	..	1	1
France	11	4	1	Straits Settlements ..	1	..	..
Germany	2	..	..	Sweden	4	3	1
Great Britain ..	158	204	147	Switzerland	..	1	..
Hong Kong ..	..	1	2	United States of America	102	123	105
Holland	3	2	1	Victoria	34	24	42

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.

N.—NUMBER OF APPLICATIONS TO REGISTER TRADE-MARKS IN THE FIFTY DIFFERENT CLASSES IN EACH OF THE YEARS 1915, 1916, AND 1917.

Classes.	Classification of Goods.	1915.	1916.	1917.
1	Chemical substances used in manufactures, photography, or philosophical research, and anti-corrosives	7	25	22
2	Chemical substances used for agricultural, horticultural, veterinary, and sanitary purposes	31	43	25
3	Chemical substances prepared for use in medicine and pharmacy	62	53	43
4	Raw or partly prepared vegetable, animal, and mineral substances used in manufactures not included in other classes	6	11	6
5	Unwrought and partly wrought metals used in manufacture	4	2	14
6	Machinery of all kinds, and parts of machinery, except agricultural and horticultural machines included in Class 7	20	13	27
7	Agricultural and horticultural machinery, and parts of such machinery	6	7	7
8	Philosophical instruments, scientific instruments, and apparatus for useful purposes; instruments and apparatus for teaching	7	15	10
9	Musical instruments	3	10	13
10	Horological instruments	5	10	2
11	Instruments, apparatus, and contrivances, not medicated, for surgical or curative purposes, or in relation to the health of men or animals	4	5	3
12	Cutlery and edge tools	3	3	5
13	Metal goods not included in other classes	21	13	23
14	Goods of precious metals (including aluminium, nickel, Britannia-metal, &c.) and jewellery, and imitations of such goods and jewellery	2	6	8
15	Glass	1	3	2
16	Porcelain and earthenware	..	2	5
17	Manufactures from mineral and other substances for building or decoration	5	13	12
18	Engineering, architectural, and building contrivances	4	10	11
19	Arms, ammunition, and stores not included in Class 20	2	1	1
20	Explosive substances	..	2	1
21	Naval architectural contrivances and naval equipments not included in Classes 19 and 20	..	1	..
22	Carriages	7	6	19
23	(a) Cotton-yarn; (b) sewing-cotton	..	..	..
24	Cotton piece-goods of all kinds	3	10	3
25	Cotton goods not included in Classes 23, 24, and 38	1	2	3
26	Linen and hemp yarn and thread	..	..	1
27	Linen and hemp piece-goods	..	3	..
28	Linen and hemp goods not included in Classes 26, 27, and 50	..	2	..
29	Jute yarns and tissues, and other articles made of jute not included in Class 50	..	..	..
30	Silk, spun, thrown, or sewing	..	..	1
31	Silk piece-goods	..	2	2
32	Other silk goods not included in Classes 30 and 31	..	2	1
33	Yarns of wool, worsted, or hair	..	..	..
34	Cloths and stuffs of wool, worsted, or hair	3	4	1
35	Woolen and worsted and hair goods not included in Classes 33 and 34	..	2	2
36	Carpets, floorcloth, and oilcloth	2	4	2
37	Leather, skins (unwrought and wrought), and articles made of leather not included in other classes	3	4	5
38	Articles of clothing	40	34	44
39	Paper (except paperhangings), stationery, and bookbinding	11	19	16
40	Goods manufactured from indiarubber and guttapercha not included in other classes	11	17	18
41	Furniture and upholstery	4	2	4
42	Substances used as food or as ingredients in food	118	132	103
43	Fermented liquors and spirits	13	22	18
44	Mineral and aerated waters (natural and artificial), including ginger-beer	16	6	6
45	Tobacco, whether manufactured or unmanufactured	17	20	14
46	Seeds for agricultural and horticultural purposes	1	2	1
47	Candles, common soap, detergents; illuminating, heating, or lubricating oils; matches; and starch, blue, and other preparations for laundry purposes	44	38	39
48	Perfumery (including toilet articles), preparations for the teeth and hair, and perfumed soap	27	40	27
49	Games of all kinds, and sporting articles not included in other classes	1	2	11
50	Miscellaneous	50	43	38

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