1924. N E W Z E A L A N D.

PATENTS, DESIGNS, AND TRADE-MARKS.

THIRTY-FIFTH ANNUAL REPORT OF THE REGISTRAR.

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

I have the honour, as required by section 128, to submit my report on the proceedings under the Act during the past year.

The total number of applications in respect of patents, designs, and trade-marks was 3,421, as compared with 3,500, 3,250, and 3,693 for the three preceding years, the last being the highest

number received in any one year.

The amount paid in fees was £11,667 18s. 5d.—£1,245 16s. 10d. less than that in 1922. That year showed an increase of £3,056 13s. 5d. (31 per cent. over the previous highest year), owing chiefly to the revision of fees and to the scaling and renewal fees being paid in a large number of cases held over on account of the war. While the revised scale applies equally to the fees paid last year, the conditions are otherwise normal, and the revenue is higher than that of any former year with the exception of 1922.

The sum expended in the year is shown at £4,809 8s. 11d. This is £929 8s. 3d. in excess of the expenditure for the previous year, which is returned as less than that in 1921. The amount for salaries and temporary assistance is given as £3,223 3s. 1d., as against £2,518 15s. 2d. for the previous year. This difference is to a considerable extent due to the payment in 1923 of part of the salary for 1922 of an officer who was abroad during part of that year. Scale increases in salary and small temporary additions to staff to afford slightly better provision for examination &c., also help to account for the difference. An increase of £235 9s. 5d. is shown in "printing and stationery," which to some extent is also a matter of book-keeping, but otherwise there is little variation in the expenditure between this and the two preceding years.

ture between this and the two preceding years.

The surplus for the year was £6,858 9s. 6d., bringing the amount received over that expended

since the 1st January, 1890, to £113,120.

Two questions of outstanding importance—examination and publicity—received special attention

during the year.

With regard to the first, while, as already stated, some slight temporary assistance was afforded for the work, no sufficient staff has yet been provided to enable it to be at all adequately carried out, it apparently being considered that, as no official examination can ensure the validity of the grant, it is better to leave it almost entirely to the applicant to satisfy himself that he has sufficient grounds for letters patent than to go to much expense in official investigation of the matter. It is, however, respectfully submitted that the more effectual the check to the issue of invalid patents, the better not only for inventors but for the country generally, and that a substantial part of the surplus revenue might well be expended in affording better facilities for this Office in connection with the examination and investigation of novelty.

The importance of the publicity of inventions has been recognized to some extent by providing for the sale of cheap typed copies and sun-prints at the cost of printed copies in other countries. Though the value of this step is not yet appreciated, the issue of copies at low price is essential to make inventions known and enable fuller benefit to be derived from the Patent laws. If sufficient demand is shown for copies, printing the specifications will doubtless be considered, but a very marked increase in the requirements in this direction will be necessary before the course referred to can be

adopted.

Amongst other matters requiring attention at the first suitable opportunity is revision of the classification of specifications and the binding of a large number of specifications and drawings. A considerable quantity of printed copies of specifications and drawings received at the library from other countries also require to be bound.

EMPIRE CO-OPERATION IN GRANT OF PATENTS, ETC.

The Imperial Economic Conference adopted the following report of the Committee set up to consider and report to the Conference on Imperial co-operation with reference to patents, designs, and trade-marks:—

"This Imperial Economic Conference have given careful consideration to the provisional scheme recommended in the report of the British Patent Conference, 1922, and they are of opinion that, apart from one or two details which might receive further consideration by correspondence between the heads of the Patent Offices, the provisional scheme is a practicable one, and promises considerable advantages to British inventors throughout the Empire; but, in view of the difficulties felt by the Dominion of Canada as regards the absence of any provision for reciprocal registration of Dominion patents, the Conference feel unable to make any recommendation so far as the self-governing Dominions and India are concerned. The Conference, however, unanimously agree that it is very desirable that the provisional scheme should be adopted by the colonies and protectorates, and that considerable benefits would thereby be derived by inventors throughout the Empire."

PATENTS.

(The figures in parentheses are for 1922.)

The number of applications received during 1923 was 2,075, 108 fewer than in the previous year. In 1,169 (1,294) cases provisional specifications were lodged with the applications, and in 318 (352) complete specifications were left during the year in respect of applications for which provisional specifications had been already filed.

The total number of applications to the 31st December, 1923, was 51,486, and the number of patents in force on that date 6,662.

£8,013 19s. 5d. was received during the year in respect of patent fees, £1,805 19s. 1d. less than in 1922. In that year the revenue under that head was, as already pointed out, exceptionally high, owing to the sealing and renewal fees being paid under the provisions of the Order in Council of the 6th June, 1921, relating to extension of time as to rights affected by the war.

Although the entry of assignments, &c., in respect of patents is now required, there has not yet been much difference in the number registered, the total for 1923 being 156, as compared with 134 in the previous year. There were no (5) patents scaled after the prescribed time, and restoration was effected in 7 (3) cases, the fees from this source amounting to £103 7s. 6d., as compared with £94 10s. for the year 1922.

Countries from which Applications were received.

Somewhat fewer applications were received from residents of this country than in the previous year, the number being 1,262 (or 61 per cent. of the total) in 1923, as compared with 1,389 (or 64 per cent.) in 1922. 287 (256) applications came to hand from Great Britain; 19 (14) from Canada; 141 (128) from Victoria; and 115 (104) from New South Wales. The number from the British Empire, including New Zealand, was 1,800 (as compared with 1,943 in 1922), being 91 per cent. of the total number of applications received. The number of applications from the United States shows a considerable falling-off, dropping from 210 in 1921 to 169 in 1922 and 129 in 1923. Of other countries, France sent 15 (14), Belgium 6 (1), Czecho-Slovakia 2 (3), Denmark 6 (8), Italy 7 (7), Sweden 13 (4), Netherlands 5 (10), Switzerland 2 (8), Russia 1 (0), Germany 3 (7).

DESIGNS.

The number of designs for which registration is sought is still very small, and there is not much variation in the number of applications received in the different years. In 1923 the total was 183, and the number of cases in which registration was effected 171, as compared with 153 and 135 in the preceding years. 116 applications were received from New Zealand; from Great Britain, 32; Australia, 20; South Africa, 2; Canada, 7; United States, 3. The amount received in fees was £113 7s 6d., as compared with £125 19s. 9d. in 1922.

TRADE-MARKS.

Probably the number of trade-marks registered is a better indication of the state of trade than applications for patents and designs are of the condition of industry and manufacture. The number of applications received during the year was 1,163, as compared with 1,103 in the former year; but this number is 228 short of the total for the previous highest year. The fees received in respect of trade-marks amounted to £3,494 9s. 3d. This shows an increase of £625 11s. 9d. over the total for 1922; and, as renewal is required every fourteen years, a gradual increase of the amount received from this source may be looked for.

As usual, considerably more applications were received for registration of trade-marks in respect of articles of food than for any other kind of goods, the number being 211, or 13 less than in the preceding year.

Countries from which Applications were received.

The number of applications—442—received from residents of this country was less than that of 1922, in which year there were 495, but 62 more than in the previous year; 331 (277) were received from Great Britain, 190 (150) from the United States, 76 (56) from New South Wales, 33 (52) from Victoria, 3 (2) from Queensland, 2 (0) from South Australia, 19 (4) from Canada, and 5 (19) from Germany.

The total number from the British Empire (including New Zealand) was 911 (as compared with 891 for 1922 and 717 for 1921), or 78 per cent. of the total received.

PATENT AGENTS.

No additional names were added to the register. The total number now on the register is twenty.

STAFF.

The staff of the Office, though small, is efficient, and entitled to every credit for its work during the year. The ability and zeal it has shown are highly commendable.

Conclusion.

he Apj	pendix hereto contains the following tables and lists, viz.:-		Page
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Pat	tent Office, Wellington, 16th June, 1924. J. C. Lewis, Regis	stra	r.

APPENDIX.

A .- RECEIPTS AND PAYMENTS ACCOUNT FOR THE YEAR ENDED 31ST DECEMBER, 1923.

Receipts.	£ s. d.	Payments.	£ s. d.
Patent fees	8,013 19 5	Salaries	2,639 4 5
Design fees	113 7 6	Advertising	25 14 9
Trade-mark fees	3,494 9 3	Temporary assistance	583 18 8
Sale of Acts, Journals, &c	46 2 3	Fees to local Patent officers	7 17 6
		Fuel, light, water, &c	$22 \ 12 \ 9$
•		Office fittings and requisites	$15 \cdot 19 = 0$
		Postage, telegrams, &c	100 2 10
		Printing and stationery	1,282 9 11
		Travelling allowances and expenses	3 16 11
		Typewriters	$2 \ 12 \ 5$
		Contingencies	$3 \ 3 \ 6$
		Refunds	$121 \ 16 \ 3$
		Balance	6,858 9 6
	£11,667 18 5		£11,667 18 5
	£11,007 18 5		£11,667 18 5

J. C. Lewis, Registrar.

I hereby certify that the Statement of Receipts and Payments has been duly examined and compared with the relative books and documents submitted for audit, and correctly states the position as disclosed thereby. Copyright fees are not included.

G. F. C. CAMPBELL, Controller and Auditor-General.

B.—TABLE SHOWING RECEIPTS AND PAYMENTS FOR EACH OF THE LAST EIGHT YEARS.

Year.	Receipts.	Payments.	Surplus.	Year.	Receipts.	Payments.	Surplus.
1916 1917 1918 1919	£ s. d. 7,107 11 3 6,954 19 3 8,175 19 0 9,345 1 2	£ s. d. 2,835 5 1 3,258 4 11 2,831 9 1 3,373 6 9	£ s. d. 4,272 6 2 3,696 14 4 5,344 9 11 5,971 14 5	1920 1921 1922 1923	£ s. d. 9,696 17 4 9,857 1 10 12,913 15 3 11,667 18 5	£ s. d. 3,736 4 1 4,016 13 5 3,880 0 8 4,809 8 11	£ s. d. 5,960 13 3 5,840 8 5 9,033 14 7 6,858 9 6

C.—Particulars of Fees received from 1st January to 31st December, 1923.

Patents.

				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
Applications for patents with provisional specifications	1,060 1,499 1,176 103	19 0 10 10 1 19 0 7	0 0 0 0 0 0 0 0 6	Certificates of Registrar Copies of specifications and drawings Patent Agents' renewal fees Searches Amendment of letters patent Weekly lists Change of name Hearing opposition Entry of order of Court in the register Miscellaneous Cash in hand brought forward from 1922.	32 54 46 36 13 9 0 2		0 2 0 0 0 0 0 0 0 0 0 0 0
			D	• .			
			Des	igns.			
Applications for registration of designs . On extension of period of copyright under section 56 (2)	3	5 0	0 6	Search, office	1	s. 2 12 1	0 0 0
		Tr	ade-	marks.			
	£	s.		1	£	8.	А
Applications for registration	872		u. 6	On restoration of trade-mark	2		0
On giving notice of opposition			ő	On hearing opposition		ŏ	
On extension of time for filing opposition		ŏ	ě	Searches		19	
On extension of time for filing statement				Searches	3	2	0
of case		15	0	Clerical error	1	0	
On registration	1,353		0	Alteration of trade-marks		2	
On association	22	0	0	Entry in the register of rectification thereof		10	
On renewal of registration	981	8	9	Request to strike out goods		10 18	
On extension of time for payment of renewal fee	2	0	0	Miscellaneous \dots Cash in hand brought forward £ s. d.	Z	19	U
fee	118	9	6	from 1922 4 16 0			
Amendment	110	3	ő	Less cash in hand carried for-			
On cancellation	$\dot{\overline{2}}$		ŏ	ward to 1924 0 5 0			
Extra space in Journal	30		Õ		4	11	0
Copies of trade-mark certificates	2	2	0				
Request to enter change of name		0	0				
Certificates of Registrar	- 12		0		£3,494	9	3
Searches (Regulation 84)	33	12	0				

D.—Staff of Officers, and Salaries, for Year ending 31st March, 1924.

		£	s.	d.				£	s.	d.
Registrar	 	665	0	0	Clerk		 	145	()	()
Deputy Registrar	 	420	0	0	Clerk (temporai	·y)		130	0	0
Clerk	 	320	()	0	Cadet		 	100	0	()
Clerk	 	225	0	0	Cadet		 	70	0	0
Clerk (temporary)	 	221	0	()	Typist		 	125	0	0
Clerk (temporary)	 	208	13	4	Typist		 	109	0	0
Clerk	 	145	0	0	Librarian		 	270	0	0

E.—Total Number of Applications for Patents and Registration of Designs and Trademarks recorded for the Years 1890, 1900, and 1910 to 1923 (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
191 2	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
1918	1,386	53	695	2,134
1919	1,880	74	1,272	3,226
1920	2,193	109	1,391	3,693
1921	2,115	141	994	3,250
1922	2,183	214	1,103	3,500
1923	2,075	183	1,163	3,421

F.—Number of Provisional and Complete Specifications received, etc.

Year.	cations w Complete	of Appli- ith which e Specifi- lodged.	Number of Applications with which Provisional Specifications lodged.		Applic which Specific	nber of ations for Complete ations sub- tly lodged.	cations a	r of Appli- abandoned, sed, or fused.	Num Patent	Total Number of Applica- tions.	
1910 1911 1912 1913 1914 1915 1916 1917 1918 1919 1920 1921 1922 1923	N.Z. 250 245 258 217 177 140 178 183 148 200 250 194 203 221	Foreign. 443 434 507 467 426 286 297 360 454 685 890 722 686 701	N.Z. 990 935 877 965 868 787 699 708 704 906 949 1,080 1,190 1,041	Foreign. 148 126 95 126 103 86 87 84 88 91 110 119 104 112	N.Z. 254 258 275 249 228 322 194 203 245 279 249 310 328 	Foreign. 75 59 35 58 45 46 38 41 39 42 37 42 38	N.Z. 925 849 817 910 782 669 630 580 540 707 725 *	Foreign. 125 86 78 94 96 78 67 57 72 77 123 *	N.Z. 306 323 334 272 273 266 245 249 284 321 330 *	Foreign 475 482 508 499 423 288 319 385 442 689 1,030 **	1,831 1,740 1,737 1,775 1,574 1,299 1,261 1,329 1,389 1,880 2,199 2,115 2,183 2,075

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

G.—Number of Applications for Patents from Persons residing in New Zealand and in other Countries in each of the Years 1921, 1922, 1923.

		1921.	1922.	1923.		1921.	1922.	1923.
New Zealand		1,291	1,389	1,262	Japan	1		1
Argentina		4	1	3	Mexico	1		• • •
Austria			3		Natal		1	1
Belgium		. 7	1	6	Netherlands	9	10	5
Canada		25	· 14	. 19	New South Wales	119	104	115
Cape Province		1		1	Norway	1	4	2
Cuba		1			Orange Free State			1
Czecho-Slovakia			3	2	Queensland	22	16	17
Denmark		3	8	6	Russia			1
Egypt	•	1			South Australia	22	10	11
Finland				1	Spain		1	
France		12	14	15	Sweden	4	4	13
Friendly Islands			1		Switzerland	3	8	2 7
Germany		30	7	3	Tasmania	5	6	7
Great Britain		220	256	287	Transvaal	8	7	3
Hawaii		1			United States of	210	169	129
Hungary		1	.:		`America			
India			1	1	Victoria	108	128	141
Italy	• •	7	7	7	Western Australia	9	12	14

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 1921, 1922, and 1923.

Class.	1921.	1922.	1923.	Class.	1921.	1922.	1928
Advertising and displaying signs,	27	26	26	Illuminating (except gas-manufac-	57	79	71
Aeronautics Amusements, music, exercisers,	8 85	8 81	7 84	Indicating, calculating, and measuring (including moisture-testers)	88	115	84
games, &c. Attaching and securing (including bolts, ties, &c.)	74	123	76	Kitchen utensils and cooking- appliances (including ovens)	61	103	85
Boilers (steam)	16	10	12	Lifting, hauling, and loading	45	-60	50
Boots and shoes	32	58	39	Locks, latches, and hinges	39	70	33
Bottles, bottling, and glass-working	17	39	29	Manina and automorphic (in alredian	26	10	16
Boxes, cans, and casks Srewing, distilling, &c	87 85	$\begin{array}{c c} 143 \\ 22 \end{array}$	111 12	Marine and submarine (including lake and river engineering)	36	46	16
Brooms and brushes (including	31	25	20	Marking (tickets, labels, &c.)	17	9	13
mops)				Medicines and surgical appliances	39	56	49
Building-construction	$\begin{array}{c} 71 \\ 122 \end{array}$	$\begin{array}{c} 71 \\ 93 \end{array}$	60 69	(including ear-instruments, dental work, &c.)			1
positions and moulding)	122	99	03	Metal-working (including welding,	50	50	36
" (windows and doors)	21	48	56	stamping, and plating)			
Chemicals	eo.	46	35	Milking-machines*	126 35	134 24	94 35
Diemicals	$\frac{62}{25}$	41	26	Minerals (including filtration, lixi viation, screens, &c.)	99	24:	50
losets and urinals	23	34	33	" (magnetic separators)		1	2
oin-freed mechanism	2	4	2	" (stampers and pulverizers)	4	4	1
ooling and freezing	$\begin{array}{c} 25 \\ 43 \end{array}$	43 45	31 34	Oils and lubricators	50	45	37
utting and sawing, and tools	120	111	85		30	10	, ,,
			20	Paints and painting (including	58	45	18
Pairying* Prains and sewers	50 10	75 11	98	kauri-gum) Pipes, tubes, and hose	28	38	29
Predging and excavating (including	33	18	g	Preserving	20	13	22
rock-drills)				Presses Printing and photography	13	4	23
Orying	20	40	26		34 54	36 55	38 29
llectricity and magnetism	138	151	122	Pumps and sprayers (except rotary pumps)	94	<i>5</i> 5	20
Engines (air, gas, and oil)	104	120	49	/			
" (steam), including rotary	23	30	25	Railways and tramways	$\frac{59}{1}$	56 14	81 21
pumps " (miscellaneous and engine accessories), including	113	139	90	watering)	1	11	٦.
current motors, solar motors, tide motors,				Seed-dressing, chaff-cutting, and threshing	16	14	13
wave motors, wind- mills miscellaneous		1	1	Seed-sowers Sewing and knitting	6 32	8 28	$\frac{4}{29}$
motors		İ		Sheep and cattle (including veteri-	38	57	26
Explosives, firearms, and targets	17	3	5	nary appliances)			
Exterminating (including trapping	33	41	26	Sheep shearing and clipping Shop and hotel fittings	6 31	11 23	10 25
animals)				Stationery and paper	82	69	62
Tencing	18	26	20				
" (strainers) Fibre-dressing (including rope-	$\begin{matrix} 4 \\ 17 \end{matrix}$	9 22	6 14	Telephony and telegraphy (including phonographs) Tobacco	139 11	129	128 11
making) Filters	8	16	8	TODAGGO	11	פ	11
Fire alarms, escapes, ladders, and	30	17	23	Valves and cocks	24	48	21
extinguishers	90	90	30	Vehicles (velocipedes)	146	168 84	175 45
Food	38 17	39 26	26	" (velocipedes) Ventilating	67 10	13	9
Furniture and upholstery, desks,	77	115	100	Washing and cleansing	43	54	32
blinds, curtains, &c.		! I		Water-supplying	13	25	16
as-manufacture for lighting, heat-	27	30	15	Wearing-apparel Wools and hides	52 16	54 19	75 18
ing, or power purposes	41	30	10	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	10		
				Miscellaneous inventions not in	33	32	28
Harness (including horse, &c., covers)	18 19	11 28	8 20	other classes, as indiarubber- manufacture, fishing-appliances,			
Harvesting and grading Heating, and fuel-manufacture	102	108	79	&c.		1	
		- 30	'		1	1	-

^{*} 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.

I.—Applications pending at end of Year 1923.

Total, 1,956.

JPATENTS IN FORCE AT END OF YEAR 1923.	
Patents sealed from 31st December, 1920, to 31st December, 1923	 3,171
Third-year fees paid from 31st December, 1920, to 31st December, 1923	 1,809
Fourth-year fees paid from 31st December, 1919, to 31st December, 1923	 5
Sixth-year fees paid from 31st December, 1917, to 31st December, 1923	 1,322
Seventh-year fees paid from 31st December, 1916, to 31st December, 1923	 355
Total	 6,662

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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, 1923 (inclusive).

							Total Number of Applications.	Number on which Letters Patent have been sealed.	Number of Patents on which Final Fee paid.
Act of 1860	i •••	1861					109	109	109
" 1870 …	• • •	1871					881	687	465
" 1883	•••	1884					3,170	1,757	368 ′
Acts of 1889 and	l 1908 🗄	1890	to i	30th June,	1912		27,419	12,711	2,591
Act of 1911		1 st J	uly,	1912, to 30	th June,	1922	16,750	7,773	1,100
, 1921–22	•••		-	•••			3,157	1,826	•••
Grand to	als			•			51,486	24,863	4,633

L.—Number of Applications for Registration of Designs in each of T in the Year 1923.	HE FIFTEEN	Classes
Class 1.—Articles composed wholly of metal or in which metal predominates, and	liewellerv	82
Class 2.—Books and bookbinding of all materials	v v	3
Class 3.—Articles composed wholly of wood, bone, ivory, papier-maché, or othe		nces
not included in other classes, or of materials in which such substances predo		53
Class 4.—Articles composed wholly of glass, earthenware, or porcelain, clay (bu	irnt or baked)	, or
cement, or in which such materials predominate		
Class 5.—Articles composed wholly of paper, cardboard, millboard, or strawboard		
included in Class 2, and paperhangings), or in which such materials predoming		3
Class 6.—Articles composed wholly of leather or in which leather predominates	s, not included	d in
other classes		3
Class 7.—Paperhangings		
Class 8.—Carpets, rugs, and floor-coverings in all materials		
	• •	1
Class 11.—Millinery and wearing-apparel (except boots and shoes)	• •	3
Class 12.—Goods not included in other classes		14
Class 13.—Printed or woven designs on textile piece-goods (other than checks or		5
Class 14.—Printed or woven designs on handkerchiefs and shawls (other than che		
Class 15.—Printed or woven designs on textile piece-goods or on handkerchief	s or shawls be	eing
checks or stripes	• •	\dots 2

M.—Number of Applications for Registration of Trade-marks from Persons residing in New Zealand and in other Countries in each of the Years 1921, 1922, and 1923.

more than the		1921.	1922.	1923.		1921.	1922.	1923.
New Zealand		380	495	442	Japan	2		
D 1 .	• • •	4	4	,	Luvambanna		1	• •
D	• •	1:	4	1 1		8	7	• •
Brazil	• •	• • •	••	2	Netherlands	1	(3
Canada		12	4	19	New South Wales	63	56	76
China				1	Norway	1	4	17
Cuba				1	Queensland		2	3
Czecho-Slovakia	ւ	1		1	South Australia	1		2
Denmark .		2			South Africa			3
Finland		1	1	1	Sweden	8	7	7
France		6	17	23	Switzerland	1	6	
Germany		11	19	5	Tasmania		. 1	
Great Britain		216	277	331	Transvaal		1	
India			3	2	United States of America	230	150	190
Italy		2	1	2	Victoria	45	52	33

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.

N.—Number of Applications to register Trade-marks in the Fifty Different Classes in each of the Years 1921, 1922, and 1923.

asses.	Classification of Goods.	1921.	1922.	1923
1	Chemical substances used in manufactures, photography, or philosophical	42	40	30
2	research, and anti-corrosives Chemical substances used for agricultural, horticultural, veterinary, and	25	42	39
3	sanitary purposes Chemical substances prepared for use in medicine and pharmacy	78	67	82
4	Raw or partly prepared vegetable, animal, and mineral substances used	15	19	18
_	in manufactures not included in other classes	10		
5	Unwrought and partly wrought metals used in manufacture	12	11	15
6	Machinery of all kinds, and parts of machinery, except agricultural and horticultural machines included in Class 7	41	26	36
7	Agricultural and horticultural machinery, and parts of such machinery	12	18	12
8	Philosophical instruments, scientific instruments, and apparatus for useful purposes; instruments and apparatus for teaching	31	48	50
9	Musical instruments	15	15	11
$\frac{10}{11}$	Horological instruments	$\frac{3}{2}$	3 9	3
	Instruments, apparatus, and contrivances, not medicated, for surgical or curative purposes, or in relation to the health of men or animals	_		4.
$\frac{12}{13}$	Cutlery and edge tools	$\begin{array}{c} 22 \\ 46 \end{array}$	7 50	8 41
14	Goods of precious metals (including aluminium, nickel, Britannia- metal, &c.) and jewellery, and imitations of such goods and jewellery	7	2	2
15	Glass	12	6	5
16	Porcelain and earthenware	3	2	2
17	Manufactures from mineral and other substances for building or decoration	8	11	9
18	Engineering, architectural, and building contrivances	10	16	10
19 -	Arms, ammunition, and stores not included in Class 20	4		3
20	Explosive substances	3	1	2
21	Naval architectural contrivances and naval equipments not included in Classes 19 and 20	2	1	••
22	Carriages	15	20	14
23	(a) Cotton-yarn; (b) sewing-cotton	3	2	4
$24 \\ 25$	Cotton piece-goods of all kinds	9 5	35 9	29 7
26	Cotton goods not included in Classes 23, 24, and 38	$\frac{3}{2}$	2	2
27	Linen and hemp yarn and thread	3	!	ĩ
28	Linen and hemp goods not included in Classes 26, 27, and 50		;;	ī
29	Jute yarns and tissues, and other articles made of jute not included in Class 50	2		1
30	Silk spun thrown or sewing	3	3	2
31	Silk piece-goods	6	4	
32	Other silk goods not included in Classes 30 and 31	• •	i :: i	• •
33	Yarns of wool, worsted, or hair	5	11	4
34	Cloths and stuffs of wool, worsted, or hair	13	9	10 2
35 36	Woollen and worsted and hair goods not included in Classes 33 and 34 Carpets, floorcloth, and oilcloth	$egin{smallmatrix} 2 \ 2 \end{matrix}$	1	5
37	Leather, skins (unwrought and wrought), and articles made of leather not included in other classes	8	9	4
38	Articles of clothing	68	76	115
39	Paper (except paperhangings), stationery, and bookbinding	58	31	41
40	Goods manufactured from indiarubber and guttapercha not included in other classes	20	18	23
41 .	Furniture and upholstery	5	3	9
12	Substances used as food or as ingredients in food	145	224	211
43	Fermented liquors and spirits	14	26	16
14	Mineral and aerated waters (natural and artificial), including ginger-beer	7	12	$\begin{array}{c} 12 \\ 34 \end{array}$
45 46	Tobacco, whether manufactured or unmanufactured Seeds for agricultural and horticultural purposes	$^{17}_{3}$	37	34
±0 47	Candles, common soap, detergents; illuminating, heating, or lubricating oils; matches; and starch, blue, and other preparations for laundry	61	61	8 8
48	purposes Perfumery (including toilet articles), preparations for the teeth and hair,	60	39	60
40	and perfumed soap	0	e.	10
49 50	Games of all kinds, and sporting articles not included in other classes	$\begin{array}{c} 3 \\ 62 \end{array}$	6 70	18 67
JU.	Miscellaneous	04	10	01

 $\label{eq:approximate Cost of Paper.} \textbf{--} \textbf{Preparation, not given ; printing (535 copies), £10 10s.}$