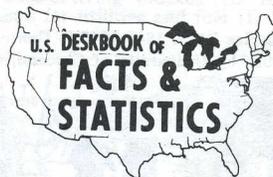


THE U.S. Bureau of the Census.

# STATISTICAL HISTORY of the UNITED STATES from Colonial Times to the Present

Two volumes in one. A unique, up-dated edition, containing two renowned reference works prepared by 125 distinguished scholars under the direction of the U.S. Bureau of the Census with the cooperation of the Social Science Research Council: (**Historical Statistics of the United States, Colonial Times to 1957**, published 1960, and **Continuation to 1962, and Revisions** published in 1965.)

A COMPANION VOLUME TO:



WITH INTER-RELATING STATISTICAL SERIES  
(Government title: "Statistical Abstract of U.S.")



**FAIRFIELD PUBLISHERS, Inc.**

40 Guernsey Street, Stamford, Connecticut 06904

*Distributed by:* Horizon Press, Inc.  
156 Fifth Ave.  
New York, N.Y. 10010

**Original Editions Prepared by  
BUREAU OF THE CENSUS OF THE  
U. S. DEPARTMENT OF COMMERCE**

The two government publications that make up this work (see Introduction) were originally prepared in the Bureau of the Census under the general direction of Edwin D. Goldfield, Chief, Statistical Reports Division. Herman P. Miller served as the Project Director for the "Historical Statistics to 1957" parent volume, and was primarily responsible for the planning, organizing, and supervising of all aspects of the compilation of the data. Dr. Miller also served as executive secretary of the Committee on Historical Statistics, handled liaison matters for the Committee, and participated in its selection of experts to serve as consultants. O. Halbert Goolsby acted as his staff assistant.

Morris B. Ullman, who supervised the preparation of the previous volume, *Historical Statistics of the United States, 1789-1945*,

was responsible for planning during the early stages of the "Historical Statistics to 1957" volume.

William Lerner, Assistant Chief, Statistical Reports Division, was primarily responsible for the planning and supervising of the publication aspects of both original publications and for the review and editing of the text and tables. Dorothy M. Belzer was responsible for the tabular presentation of the data and preparation of the material for the printer for the parent volume. The Census Library Branch, Louise H. Clickner, Chief, also lent valuable assistance. Mrs. Belzer and Alma H. Butler assisted Helen E. Teir in the compilation of the "Continuation to 1962, and Revisions" material.

**Social Science Research Council**

The Committee on Historical Statistics appointed by the Social Science Research Council participated actively in the preparation of the parent volume, in the extension of subjects to be added, and in planning the general procedures for securing expert assistance on each subject. As the project was developed the Committee, especially the Chairman, was primarily responsible for

consideration of problems of data selection and format, for general appraisal of the quality of the series suggested for inclusion, and for the selection of consultant-specialists for the various subjects. The Committee as a whole, or through specially qualified members, reviewed the plans for inclusion of specific series and discussed areas of study which presented unusual problems.

Committee on Historical Statistics of the Social Science Research Council  
(Advisory to the Bureau of the Census)

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Paul Webbink, Vice President, Social Science Research Council, attended Committee meetings and acted as the Council's representative. Stanley Lebergott, Office of Statistical Standards, Bureau of the Budget, also participated in the meetings.

The Statistical History of the United States from Colonial Times to the Present  
Library of Congress Catalog Card Number: 65-21873

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## COPYRIGHTS, PATENTS, AND TRADEMARKS (Series W 52-78)

## W 52-65. Copyright registrations, by type, 1870-1957.

Source: Series W 52-62, W 64-65, The Library of Congress, *Annual Report of the Librarian of Congress and Annual Report of the Register of Copyrights*, various issues. Series W 63, 1874-1896, Patent Office, *Annual Report of the Commissioner of Patents*; 1897-1940, records; 1941-1957, *Annual Report of the Register of Copyrights*, various issues.

Additional detail for some series is shown in the source volumes.

Figures are on a calendar-year basis for 1870-1896, and on a fiscal-year basis for subsequent years. Prior to 1870, copyright claims were entered at Federal District Courts. For additional information on this period, see Martin A. Roberts, *Records in the Copyright Office Deposited by the United States District Courts Covering the Period 1790-1870*, Washington, D. C., 1939.

The term "copyright" may be defined as the right to be protected from copying. It has come to mean that body of exclusive rights granted by Federal statute to authors for the protection of their writings. It includes the exclusive right to print, reprint, publish, copy, and vend the copyrighted work; to make other versions of the work and to perform the work in public. The Copyright Office does not examine material for originality; it is primarily an office of record, and registers claims if the provisions of the law and the regulations have been complied with. A certificate is issued to the applicant upon completion of each registration.

The first law, that of 1790, applied only to maps, charts, and books; subsequent amendments provided for prints (1802); musical compositions (1831); dramatic compositions with the right of public performance thereof (1856); photographs (1865); paintings, drawings, sculpture, and models or designs for works of the fine arts (1870); performance rights in music (1897); motion pictures and photoplays (1912); and performance rights in nondramatic literary works (1952). The original term of copyright was 14 years, with the privilege of renewal for 14 years. In 1831, the first term was increased to 28 years, and in 1909, the renewal term was also increased to 28 years. Before 1891, only citizens or residents of the United States could obtain copyrights. The Act of 1891 extended the privilege to citizens of countries with which the United States had reciprocal copyright agreements (in 1958, 38 countries). Claims in works by citizens of States adhering to international copyright conventions to which the United States is a party (Mexico City, 1902; Buenos Aires, 1910; and Universal Copyright Convention, 1952) may also be registered, as well as works first published in States adhering to the Universal Copyright Convention.

Detailed information on the various classes of works may be found in "Regulations of the Copyright Office," *Code of Federal Regulations*, Title 37, chap. II, 1956, or by writing to the Register of Copyrights, Library of Congress, Washington 25, D.C.

Copyright fees have always been nominal; they are now \$4.00 except those for commercial prints and labels, which are \$6.00, and renewals, which are \$2.00.

W 52, total registrations. For 1870-1940, the figures shown in this series are equal to those given in the source plus those shown for series W 63, commercial prints and labels.

W 53-57, books, pamphlets, and periodicals. Serial publications issued at regular intervals of less than a year are considered periodicals; otherwise, they are considered books.

W 58, dramatic or dramatico-musical compositions. For 1909 and earlier years, this series pertains only to dramatic compositions.

W 63, commercial prints and labels. Registration of commercial prints and labels in the Patent Office was first authorized by the Act of June 18, 1874. Jurisdiction was transferred to the Register of Copyrights by Public Law 244, 53 Stat. 1142, effective June 30, 1940. In 1891, the registration of labels was questioned as the result of a Supreme Court decision, with a resulting temporary drop in registrations until 1896.

## W 66-75. General note.

A patent is a grant by the Government to the inventor, his heirs or assigns, of the right to exclude others from making, using, or selling the invention patented. Patents can be obtained for any new and useful machine, manufacture, composition of matter or process, or any new and useful improvement thereof, subject to the requirements and conditions of the law, United States Code, Title 35, Patents. An invention is "useful" if it has lawful purpose and is operative. Since 1946, inventions useful solely in the utilization of fissionable material or atomic energy for military purposes have been unpatentable. If the subject matter patented can be used without infringement of the prior rights of others or violation of any applicable statute, the patent, in effect, gives its owner the exclusive right to make, use, or sell the subject of the patent. The subject matter covered by a patent must be sufficiently new as to be not obvious to one skilled in the art to which it relates.

Patents on inventions have been issued by the Federal Government since April 10, 1790. Both the fees charged and the term of patents have been changed occasionally by law. Except in the case of fees charged foreigners for a short period (see text for series W 76), these changes have generally been slight. Hence, the effect of the changes on patenting rates has tended to be small or negligible. A fee of \$30, the same as now, was charged on application in 1793. However, whereas no charge was made in 1793 when a patent was granted, modern-day applicants pay an additional \$30 at that time. Other smaller fees incidental to the processing of applications may also be charged by the Patent Office.

For 1790-1861, the term of a patent was 14 years. In addition, from 1836 until the patents granted in 1861 expired, patents were renewable for an additional 7 years upon application by the patentee and approval of a special board or the Commissioner. About 5 percent of the patents issued during the latter part of this period were renewed in this manner. Since 1861, the term of patents on inventions has been fixed at 17 years with renewals possible only by special act of Congress. The number of such renewals has been negligible.

From February 21, 1793, to July 4, 1836, patents were granted on demand of the applicant, upon compliance with the

formal requirements, without examination as to novelty and other requirements. Consequently, statistics of patents on inventions issued during this period are more comparable to subsequent statistics of applications for patents on inventions (series W 66) than to subsequent statistics of patents on invention. Different sources for patent statistics during this period show minor discrepancies.

Since July 4, 1836, the Patent Office has examined applications for novelty and for compliance with the requirements of the statute and not all applications which are filed become patents. See Department of Commerce, *The Story of the United States Patent Office, 1790-1956*, 1956, for a brief account of the development of the patent laws. See also, same agency, *General Information Concerning Patents*, 1957 (revised periodically), for an outline of the patent law.

Other kinds of patents issued are design patents, botanical plant patents, and reissued patents. Reissued patents are patents which are issued to replace another patent to correct some error, and hence have no significance in most uses of patent statistics. They are not shown in this compilation, although reissue applications are included in series W 66 for some years for which they could not be separated. Reissued patents were numbered separately from 1838 and the number of the first such patent issued in 1958 is 24,413.

Statistics on various phases of patents on invention are available in various sources. Analyses of aggregate patent statistics appear in S. C. Gilfillan, *The Sociology of Invention*, Chicago, 1935; Barkev S. Sanders, "The Course of Invention," *Journal of the Patent Office Society*, October 1936; Joseph Rossman and Barkev Sanders, "The Patent Utilization Study," *The Patent, Trademark, and Copyright Journal*, June 1957; Alfred B. Stafford, *Trends of Invention in Material Culture*, Ph.D. thesis, University of Chicago, 1950; Alfred B. Stafford, "Is the Rate of Invention Declining?" *American Journal of Sociology*, May 1952; Jacob Schmookler, *Technical Change and Patent Statistics*, a paper presented at the Social Science Research Council Conference on the Quantitative Description of Technological Change, Princeton University Press, 1951 (mimeographed); Jacob Schmookler, *Invention and Economic Development*, Ph.D. thesis, University of Pennsylvania, 1951; and Jacob Schmookler, "The Level of Inventive Activity," *Review of Economics and Statistics*, May 1954.

Statistics of patents issued by industry or by field of technology appear in Simon Kuznets, *Secular Movements in Production and Prices*, Boston, 1930; R. K. Merton, "Fluctuations in the Rate of Industrial Invention," *Quarterly Journal of Economics*, May 1935; *Trends of Invention in Material Culture*, cited above; and *Technical Change and Patent Statistics*, cited above. Statistics of patents issued by State and country of residence appear irregularly in the Patent Office. *Annual Report of the Commissioner of Patents*, and in the Bureau of the Census, *Statistical Abstract of the United States*. For an analysis of patents issued by States, see Jacob Schmookler, "Inventors Past and Present," *Review of Economics and Statistics*, August 1957.

#### W 66-68. Patent applications filed on inventions, designs, and botanical plants, 1836-1957.

Source: 1836-1839, Department of Commerce, *The Story of the United States Patent Office, 1790-1956*; 1840-1925, Patent Office, *Annual Report of the Commissioner of Patents*; 1926-1957, Patent Office, records.

Series W 66 involves a slight element of double counting prior to 1940. Before a change in the law on August 5, 1939, made it impossible, an applicant could permit his initial application to lapse and then file a new application covering the same invention. Possibly 2 to 4 percent of the applications

filed before 1940 were of this character. For years prior to 1880, series W 66 includes design applications and for years prior to 1877, it also includes reissue applications.

#### W 69. Total patents issued on inventions, 1790-1957.

Source: 1790-1925, Patent Office, *Annual Report of the Commissioner of Patents*; 1926-1957, records.

Patents for inventions are numbered serially, the number of the first patent issued in 1958 being 2,818,567. This numbering system began with the first patent issued after the Patent Act of July 4, 1836. Most sources of patent statistics give, as the annual number of patents issued, the numbers derived by subtracting the serial numbers of the first patent in each year. However, some serial numbers were not used and are blank; that is, there may not be any patent corresponding to a particular number. This may arise when an application scheduled to be patented, with the patent number assigned, is withdrawn for some reason at a time when it is too late to assign that number to some other case. The blank numbers averaged 26 per year for 1939-1955. In the present series the number of blank numbers has been deducted in each year for which it could be ascertained. Therefore, the statistics of patents on inventions issued since 1836 may run a fraction of a percent below those appearing in some issues of the *Annual Report of the Commissioner of Patents* and in *Historical Statistics of the United States, 1789-1945*.

Patents granted in a given year cannot be compared with applications filed in the same year since there is a variable lag between the time of applying and the time of issuing a patent. During the last 10 years this lag varied between 3 years and 3 years and 8 months as the average time for issuing patents. Some variations in the number of patents issued in a given year may be due to administrative problems such as the loss or addition of examining personnel.

#### W 70-73. Patents on inventions issued to individuals, to U.S. and foreign corporations, and to the U.S. Government, 1901-1957.

Source: 1901-1935, Patent Office, records; 1936-1955, P. J. Federico, *Distribution of Patents Issued to Corporations, 1939-1955*, Washington, D.C., 1957, Study No. 3, table 6 (a report prepared for the Senate Subcommittee on Patents, Trademarks, and Copyrights); 1956-1957, Patent Office, records.

Statistics on patents issued to U.S. and foreign corporations are actual counts for 1931-1937 and 1955; for the other years they are estimates based on samples. Statistics of patents issued to the U.S. Government are based on actual count. This figure does not include patents issued to the Alien Property Custodian during and after World War II. Patents assigned after grant are not included. The patents issued to individuals are obtained by subtraction from the total.

#### W 74. Patents issued on designs, 1842-1957.

Source: Patent Office, *Annual Report of the Commissioner of Patents*.

Designs became patentable in 1842 and relate to the appearance, not to the structure or use, of articles of manufacture. The term for design patents was initially set at 7 years. Since 1861, the term has been 3½, 7, or 14 years, at the discretion of the applicant. Fees payable vary with the term. Design patents are numbered separately. The number of the first design patent issued in 1958 is 181,829.

#### W 75. Patents issued on botanical plants, 1931-1957.

Source: Patent Office, records.

Botanical plants became subject to patents for the first time in 1930. Patentable plants are those which are asexually

reproduced—distinct and new varieties of plants other than tuber-propagated plants. The term and fees for plant patents are the same as for patents on inventions. Plant patents are numbered separately from the other patents. The number of the first plant patent issued in 1958 is 1,672.

W 76. Patents issued to residents of foreign countries, 1836-1957.

Source: Patent Office, Annual Report of the Commissioner of Patents, and records.

The volume of patents issued to citizens of foreign countries was influenced in the early years of the patent system by discriminatory legislation. For 1800-1836, only aliens who had resided in the United States for 2 years and who had declared their intention of becoming citizens could apply for U.S. patents. For 1836-1861, aliens paid higher fees than citizens on a theory of reciprocity. Discrimination based on nationality was eliminated in 1861.

This series is based on residence and not on citizenship. It includes patents on inventions, designs, and botanical plants. Separate statistics on components are not available except for a few recent years. For 7 recent years (1951-1957), design patents constituted 1.85 percent of patents issued to foreign residents, and plant patents were 0.23 percent. Looked at in another manner, foreign residents received 12.59 percent of invention patents, 3.28 percent of design patents, and 12.52 percent of the plant patents.

W 77-78. Trademarks registered and renewed, 1870-1957.

Source: Patent Office, Annual Report of the Commissioner of Patents, and records.

A trademark is a symbol—a picture, word, or phrase—applied by a manufacturer or merchant to distinguish his goods

from those of others. Trademark rights are acquired by adoption of a mark and use of it on the goods in trade. The Federal law provides for the registration in the Patent Office of such marks which are used in interstate and foreign commerce. Applications for registration are examined and registration may be refused if the mark is of a character-prohibited registration (national emblems, deceptive marks, purely descriptive marks, etc.) or if it conflicts with a prior registered mark. Federal registration does not create ownership, but only gives additional advantages to the owner. See Department of Commerce, General Information Concerning Trademarks, 1958 (revised periodically), for an outline of the requirements for registering a trademark.

The first Federal trademark law, that of 1870, was based on the patent and copyright clause of the Constitution instead of the interstate and foreign commerce clause, and was held unconstitutional in 1879. The Trademark Act of 1881 was limited to marks used in foreign commerce. The Act of 1905 included marks used in interstate commerce as well. An Act of 1920 permitted registration of a secondary class of marks not previously registrable. A completely new Act, which came into effect in 1947, provided for a Principal Register on which marks of the type registrable under the Acts of 1881 and 1905 could be registered, and a Supplemental Register on which marks of the type registrable under the Act of 1920 could be registered. Registrations are for a term of 20 years, with renewal possible for successive 20-year terms, except for those trademarks registered on the Supplemental Register which generally are not renewable. Registrations under the Act of 1881 were for an initial term of 30 years but were made renewable for an additional term of 20 years.

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PRODUCTIVITY AND TECHNOLOGICAL DEVELOPMENT

Series W 52-65. Copyright Registrations, by Type: 1870 to 1957

Year	Total registrations	Books and pamphlets				Periodicals	Dramatic or dramatico-musical compositions	Musical compositions	Maps	Works of art, models, or designs	Motion pictures	Commercial prints and labels	Miscellaneous	Renewals, all classes
		Total	Books proper (printed in U.S.)	Printed abroad in foreign language	Other									
1957	225,807	56,717	(1)	2,915	153,802	59,724	2,764	59,614	2,084	4,557	3,198	8,687	6,989	21,473
1956	224,908	57,432	(1)	3,115	154,317	58,576	3,329	58,330	2,242	4,168	3,012	9,491	7,402	20,926
1955	224,732	58,160	(1)	3,694	154,466	59,448	3,493	57,527	2,013	3,456	2,650	10,505	7,961	19,519
1954	222,665	55,057	(1)	3,697	151,360	60,667	3,527	58,213	2,390	3,170	2,556	10,784	7,793	18,508
1953	218,506	52,347	(1)	3,875	148,472	59,371	3,884	59,302	2,541	3,029	2,175	12,025	6,731	17,101
1952	203,705	49,403	11,623	3,382	34,398	56,509	3,766	51,538	2,422	3,305	2,079	11,770	6,223	16,690
1951	200,354	50,533	11,272	3,536	35,725	55,129	3,992	48,319	1,992	3,428	2,149	11,981	6,459	16,372
1950	210,564	54,894	11,323	3,710	39,861	55,436	4,427	52,309	1,638	4,013	1,895	13,320	8,101	14,531
1949	201,190	51,562	10,254	2,644	38,664	54,163	5,159	48,210	2,314	3,281	1,763	13,233	7,830	13,675
1948	238,121	54,774	9,786	2,545	42,443	59,699	6,128	72,739	1,456	3,938	1,631	10,619	11,721	15,816
1947	230,215	53,925	9,303	3,970	40,052	58,340	6,456	68,709	1,779	4,044	2,084	9,674	12,003	13,201
1946	202,144	47,860	7,679	3,513	36,668	48,289	5,356	63,367	1,304	3,094	2,024	7,975	10,359	12,516
1945	178,848	40,544	6,962	111	33,471	45,763	4,714	57,835	857	1,821	1,735	7,403	6,809	11,367
1944	169,269	40,682	4,954	82	33,015	44,364	4,875	52,087	494	1,743	1,872	5,953	6,952	10,247
1943	160,789	40,457	8,658	156	31,643	42,995	3,687	48,348	737	1,649	1,767	5,385	6,114	9,650
1942	182,232	50,276	10,377	651	39,248	45,145	4,803	50,023	1,217	2,110	2,219	7,182	7,789	11,488
1941	180,647	51,885	12,735	1,553	37,597	42,207	5,010	49,135	1,398	2,187	1,798	7,152	9,533	10,342
1940	179,467	64,051	11,976	2,504	49,571	40,173	6,450	37,975	1,622	3,081	1,611	2,470	11,827	10,207
1939	175,450	59,744	11,612	4,086	44,046	38,307	6,800	40,961	1,566	3,419	1,757	2,315	10,404	10,177
1938	168,663	57,351	11,825	3,646	42,080	39,249	7,369	35,334	1,200	3,330	1,889	2,415	10,586	9,940
1937	166,930	53,055	11,244	3,841	37,970	38,053	7,176	31,821	1,198	3,002	1,751	2,506	9,779	8,589
1936	169,268	54,749	11,748	4,339	39,148	38,418	6,569	33,250	1,444	2,977	1,708	2,306	9,667	8,180
1935	144,439	51,009	11,035	3,283	36,691	36,351	6,501	27,459	1,343	3,082	1,695	2,408	7,930	6,661
1934	141,217	48,398	9,660	3,593	35,145	35,819	5,945	27,001	1,250	5,447	1,513	2,170	9,685	6,989
1933	139,361	49,984	10,820	4,232	34,932	35,464	6,359	26,846	1,178	2,667	1,607	1,937	6,908	6,411
1932	154,710	57,065	13,460	4,784	38,821	39,177	6,296	29,264	1,774	2,590	1,539	2,975	8,142	5,888
1931	167,107	59,553	14,175	4,339	41,039	42,415	5,784	31,488	2,940	2,551	1,926	2,465	11,987	5,998
1930	175,125	61,835	15,221	4,664	41,950	43,939	5,734	32,129	2,554	2,734	2,195	2,333	15,735	5,937
1929	164,666	57,614	13,501	3,868	40,245	44,161	4,594	27,023	2,232	2,486	2,319	2,707	16,582	4,948
1928	196,715	77,081	13,401	4,405	59,275	47,364	4,473	26,897	2,862	3,152	2,304	2,801	24,334	5,447
1927	186,856	77,136	10,649	3,777	62,710	41,475	4,475	25,282	2,677	2,575	1,915	2,856	23,779	4,686
1926	180,179	73,455	-----	3,430	-----	41,169	4,130	25,484	2,647	3,173	1,623	2,544	21,925	4,029
1925	167,863	65,670	-----	3,266	-----	40,880	4,015	25,548	2,222	2,950	1,765	2,015	19,489	3,309
1924	164,710	61,982	-----	2,306	-----	39,806	3,409	26,734	2,265	2,373	1,473	2,016	20,719	3,433
1923	151,087	55,561	-----	2,886	-----	37,104	3,778	24,900	2,042	2,790	1,277	2,141	18,805	2,689
1922	140,734	46,307	-----	1,309	-----	35,471	3,418	27,381	1,930	2,954	1,487	2,101	16,959	2,726
1921	136,865	41,245	-----	1,134	-----	34,074	3,217	31,054	1,647	2,762	1,721	1,585	17,354	2,206
1920	127,342	39,090	-----	939	-----	28,935	2,906	29,151	1,498	2,115	1,714	780	19,041	2,112
1919	113,771	37,710	-----	855	-----	25,083	2,293	26,209	1,207	1,901	1,429	768	15,265	1,906
1918	107,436	33,617	-----	636	-----	25,822	2,711	21,849	1,269	1,858	1,838	708	15,907	1,857
1917	112,561	33,552	-----	914	-----	26,467	3,067	20,115	1,529	2,247	2,720	1,123	19,749	1,992
1916	117,202	32,897	-----	1,276	-----	26,553	3,223	20,644	1,612	2,220	3,240	1,235	23,950	1,628
1915	115,727	31,926	-----	1,843	-----	24,389	3,797	21,406	1,772	2,965	2,950	1,083	24,113	1,326
1914	124,213	31,891	-----	2,860	-----	24,134	3,957	23,433	1,950	3,021	2,148	1,059	26,329	1,231
1913	120,413	29,572	-----	2,369	-----	23,002	3,700	26,292	2,011	2,871	953	813	30,029	1,065
1912	121,824	29,286	-----	2,294	-----	22,580	3,767	26,777	2,158	3,224	-----	998	31,790	1,349
1911	115,955	26,970	-----	1,707	-----	23,393	3,415	25,525	2,318	3,355	-----	757	29,294	928
1910	109,309	24,740	-----	1,351	-----	21,608	3,911	24,345	2,622	4,383	-----	235	26,458	1,007
1909	121,141	32,533	-----	-----	-----	21,195	2,937	26,306	(3)	(3)	-----	1,010	*37,160	-----
1908	120,657	30,191	-----	-----	-----	22,409	2,382	28,427	(3)	(3)	-----	915	*36,338	-----
1907	124,814	30,879	-----	-----	-----	23,078	2,114	31,401	(3)	(3)	-----	885	*36,357	-----
1906	118,799	29,261	-----	-----	-----	23,163	1,879	26,435	(3)	(3)	-----	1,095	*36,966	-----
1905	114,747	29,860	-----	-----	-----	22,591	1,645	24,595	(3)	(3)	-----	1,373	*34,683	-----
1904	104,431	27,824	-----	-----	-----	21,496	1,571	23,110	(3)	(3)	-----	1,801	*29,129	-----
1903	99,122	26,466	-----	-----	-----	22,625	1,608	21,161	(3)	(3)	-----	1,143	*26,119	-----
1902	93,891	24,272	-----	-----	-----	21,071	1,448	19,706	(3)	(3)	-----	913	*26,481	-----
1901	93,299	-----	-----	-----	-----	(4)	(4)	-----	-----	-----	-----	948	-----	-----

Year	Total registrations	Periodicals	Dramatic or dramatico-musical compositions	Musical compositions	Maps	Commercial prints and labels	Year	Total registrations	Periodicals	Dramatic or dramatico-musical compositions	Musical compositions	Commercial prints and labels
	52	57	58	59	60	63		52	57	58	59	63
1900	95,573	(3)	(3)	(3)	(3)	775	1885	28,746	6,060	625	6,808	391
1899	81,416	(3)	(3)	(3)	(3)	448	1884	27,729	5,570	587	6,241	513
1898	75,634	(3)	(3)	(3)	(3)	89	1883	25,912	5,489	498	6,280	906
1897	75,035	(3)	(3)	(3)	(3)	35	1882	23,152	4,612	458	6,143	304
1896	73,372	12,892	907	20,951	1,198	33	1881	21,266	4,339	415	5,578	202
1895	66,006	12,155	827	18,563	1,432	3	1880	19,311	4,369	496	5,628	203
1894	62,790	12,149	465	18,460	1,922	4	1879	18,528	3,608	414	4,688	355
1893	58,964	11,094	580	16,273	1,814	2	1878	16,291	3,424	372	3,772	492
1892	55,006	10,327	813	14,649	(3)	6	1877	16,082	-----	-----	-----	392
1891	49,199	9,477	746	11,688	1,912	137	1876	15,393	-----	-----	-----	472
1890	43,093	8,164	715	9,132	-----	304	1875	14,464	-----	-----	-----	232
1889	41,297	7,646	620	8,958	-----	319	1874	15,206	-----	-----	-----	232
1888	38,910	7,086	589	8,066	-----	327	1873	15,648	-----	-----	-----	-----
1887	35,472	6,708	536	7,744	-----	380	1872	14,180	-----	-----	-----	-----
1886</												

Series W 66-76. Patent Applications Filed and Patents Issued, by Type and by Patentee: 1790 to 1957

Year	Patent applications filed			Patents issued							
	Inventions	Designs	Botanical plants	Inventions					Designs	Botanical plants	To residents of foreign countries
				Total <sup>1</sup>	Individuals	Corporations		U.S. Government <sup>2</sup>			
						U.S.	Foreign				
66	67	68	69	70	71	72	73	74	75	76	
1957	74,197	4,714	101	42,744	15,154	23,255	3,372	963	2,362	129	6,282
1956	74,906	4,824	104	46,817	16,643	25,502	3,690	982	2,977	101	6,646
1955	77,188	5,764	118	30,432	11,914	16,084	1,744	689	2,713	103	4,065
1954	77,185	5,465	95	33,809	12,531	18,319	2,301	658	2,536	101	4,433
1953	72,284	5,450	99	40,468	16,284	21,230	2,294	658	2,713	78	4,331
1952	64,554	4,993	84	43,616	18,538	22,340	2,035	695	2,959	101	5,635
1951	60,438	4,279	71	44,326	19,192	22,305	2,163	659	4,163	58	4,838
1950	67,264	6,739	105	43,040	18,960	21,782	1,660	622	4,718	89	4,408
1949	67,592	6,998	70	35,131	14,957	18,536	1,127	485	4,450	93	3,105
1948	68,740	7,048	59	23,963	9,812	13,124	1,628	352	3,968	44	1,984
1947	75,443	7,644	92	20,139	7,784	11,448	669	155	2,102	52	1,617
1946	81,056	10,698	72	21,803	7,444	13,486	585	147	2,778	56	1,656
1945	67,846	8,066	52	25,695	8,981	15,665	580	87	3,524	17	2,112
1944	54,190	5,063	42	28,053	9,636	16,769	645	106	2,914	38	2,564
1943	45,493	2,986	41	31,054	11,654	18,022	524	48	2,228	47	2,625
1942	45,549	4,218	60	38,449	14,534	22,019	1,286	62	3,728	65	3,943
1941	52,339	7,203	67	41,109	16,322	22,632	2,112	43	6,486	62	5,311
1940	60,863	8,530	91	42,238	17,627	22,165	2,406	40	6,145	85	6,148
1939	64,093	7,137	76	43,073	18,583	21,800	2,640	50	5,592	45	6,338
1938	66,874	8,084	48	38,061	16,304	19,635	2,063	59	5,026	41	5,776
1937	65,324	7,207	45	37,683	15,995	19,831	1,824	33	5,136	55	5,638
1936	62,599	6,478	66	39,782	16,639	21,207	1,903	33	4,556	49	5,734
1935	58,117	5,728	72	40,618	17,757	20,821	2,018	22	3,864	45	5,980
1934	56,643	4,399	28	44,420	19,731	22,529	2,131	29	2,919	32	6,489
1933	56,558	3,600	27	48,774	22,713	23,667	2,343	51	2,411	33	7,170
1932	67,006	4,345	46	53,458	26,274	24,822	2,325	37	2,942	46	7,376
1931	79,740	4,190	37	51,756	26,618	23,149	1,961	28	2,935	5	6,897
1930	89,554	4,182	16	45,226	23,726	19,700	1,800	-----	2,710	-----	6,085
1929	89,752	4,520	-----	45,267	25,367	18,500	1,400	-----	2,905	-----	5,921
1928	87,603	4,761	-----	42,357	23,357	17,800	1,200	-----	3,182	-----	5,218
1927	87,219	4,473	-----	41,717	25,417	15,100	1,200	-----	2,387	-----	4,918
1926	81,365	4,343	-----	44,733	28,633	15,200	900	-----	2,597	-----	5,103
1925	80,208	4,082	-----	46,432	30,332	14,800	1,300	-----	2,819	-----	5,347
1924	76,987	3,635	-----	42,574	29,174	12,400	1,000	-----	2,670	-----	4,723
1923	76,783	3,550	-----	38,616	27,016	10,800	800	-----	1,927	-----	4,133
1922	83,962	4,763	-----	38,369	27,369	10,300	700	-----	1,609	-----	4,455
1921	87,467	5,596	-----	37,798	27,098	9,860	840	-----	3,265	-----	3,963
1920	81,915	4,660	-----	37,060	-----	-----	-----	-----	2,481	-----	3,762
1919	76,710	3,627	-----	36,797	-----	-----	-----	-----	1,521	-----	3,687
1918	57,347	2,234	-----	38,452	-----	-----	-----	-----	1,206	-----	2,883
1917	67,590	2,545	-----	40,335	-----	-----	-----	-----	1,505	-----	3,209
1916	68,075	2,684	-----	43,892	31,742	11,540	610	-----	1,745	-----	3,767
1915	67,133	2,734	-----	43,118	-----	-----	-----	-----	1,538	-----	4,334
1914	67,774	2,454	-----	39,892	-----	-----	-----	-----	1,711	-----	4,595
1913	68,117	2,060	-----	33,917	-----	-----	-----	-----	1,677	-----	4,212
1912	68,968	1,850	-----	36,198	-----	-----	-----	-----	1,341	-----	4,489
1911	67,370	1,534	-----	32,856	24,756	7,580	520	-----	1,004	-----	4,058
1910	63,293	1,155	-----	35,141	-----	-----	-----	-----	636	-----	3,719
1909	64,408	1,234	-----	36,561	-----	-----	-----	-----	679	-----	3,812
1908	60,142	1,131	-----	32,735	-----	-----	-----	-----	755	-----	3,338
1907	57,679	896	-----	35,859	-----	-----	-----	-----	589	-----	3,866
1906	55,471	806	-----	31,170	24,750	6,040	380	-----	620	-----	3,471
1905	54,034	781	-----	29,775	-----	-----	-----	-----	486	-----	3,292
1904	51,168	818	-----	30,258	-----	-----	-----	-----	553	-----	3,285
1903	49,239	770	-----	31,029	-----	-----	-----	-----	536	-----	3,763
1902	48,320	1,170	-----	27,119	-----	-----	-----	-----	639	-----	3,499
1901	43,973	2,361	-----	25,546	20,896	4,370	280	-----	1,729	-----	3,402
1900	39,673	2,225	-----	24,644	-----	-----	-----	-----	1,754	-----	3,483
1899	38,937	2,400	-----	23,278	-----	-----	-----	-----	2,137	-----	2,311
1898	33,915	1,843	-----	20,377	-----	-----	-----	-----	1,799	-----	2,752
1897	45,661	2,150	-----	22,067	-----	-----	-----	-----	1,620	-----	2,221
1896	42,077	1,828	-----	21,822	-----	-----	-----	-----	1,441	-----	2,027
1895	39,145	1,463	-----	20,856	-----	-----	-----	-----	1,108	-----	2,049
1894	36,987	1,357	-----	19,855	-----	-----	-----	-----	927	-----	2,166
1893	37,293	1,060	-----	22,750	-----	-----	-----	-----	899	-----	2,473
1892	29,514	1,130	-----	22,647	-----	-----	-----	-----	816	-----	2,051
1891	39,418	1,025	-----	22,312	-----	-----	-----	-----	835	-----	1,928
1890	39,884	1,046	-----	25,313	-----	-----	-----	-----	886	-----	2,105
1889	39,607	857	-----	23,324	-----	-----	-----	-----	723	-----	2,003
1888	34,713	971	-----	19,551	-----	-----	-----	-----	832	-----	1,536
1887	34,420	1,041	-----	20,403	-----	-----	-----	-----	948	-----	1,466
1886	35,161	645	-----	21,767	-----	-----	-----	-----	594	-----	1,489
1885	34,697	862	-----	23,285	-----	-----	-----	-----	769	-----	1,549
1884	34,192	1,230	-----	19,118	-----	-----	-----	-----	1,150	-----	1,284
1883	33,073	1,238	-----	21,162	-----	-----	-----	-----	1,017	-----	1,259
1882	30,270	948	-----	18,091	-----	-----	-----	-----	858	-----	1,135
1881	24,878	678	-----	15,500	-----	-----	-----	-----	565	-----	995
1880	21,761	634	-----	12,903	-----	-----	-----	-----	514	-----	786

See footnotes at end of table.

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PRODUCTIVITY AND TECHNOLOGICAL DEVELOPMENT

Series W 66-76. Patent Applications Filed and Patents Issued, by Type and by Patentee: 1790 to 1957—Con.

Year	Inventions, patent applications filed <sup>3</sup>	Patents issued			Year	Inventions, patent applications filed <sup>3</sup>	Patents issued		
		Inventions	Designs	To residents of foreign countries			Inventions	Designs	To residents of foreign countries
1879	20,059	12,125	591	648	1857	4,771	2,674	113	45
1878	20,260	12,345	590	581	1856	4,960	2,302	107	31
1877	20,308	12,920	699	590	1855	4,435	1,881	70	41
1876	21,425	14,169	802	787	1854	3,328	1,755	57	35
1875	21,638	13,291	915	563	1853	2,673	844	86	26
1874	21,602	12,230	886	547	1852	2,639	885	109	20
1873	20,414	11,616	747	493	1851	2,258	752	90	17
1872	18,246	12,180	884	581	1850	2,193	883	83	20
1871	19,472	11,659	903	522	1849	1,955	984	49	17
1870	19,171	12,137	737	644	1848	1,628	583	46	14
1869	19,271	12,931	506	377	1847	1,531	495	60	21
1868	20,420	12,526	445	337	1846	1,272	566	59	19
1867	21,276	12,277	325	275	1845	1,246	473	17	12
1866	15,269	8,863	294	244	1844	1,045	473	12	20
1865	10,664	6,088	221	181	1843	819	493	14	8
1864	6,932	4,630	139	131	1842	761	488	1	11
1863	6,014	3,773	176	125	1841	847	490		21
1862	5,038	3,214	195	80	1840	765	458		19
1861	4,643	3,020	142	83	1839	800	404		10
1860	7,653	4,357	183	49	1838	900	514		7
1859	6,225	4,160	107	47	1837	650	426		17
1858	5,364	3,455	102	28	1836	400	103		8

Year	Inventions, patents issued								
	69		69		69		69		69
1836	599	1825	304	1815	173	1805	57	1795	12
1835	752	1824	228	1814	210	1804	84	1794	22
1834	630	1823	173	1813	181	1803	97	1793	20
1833	586	1822	200	1812	238	1802	65	1792	11
1832	474	1821	168	1811	215	1801	44	1791	33
1831	573	1820	155	1810	223	1800	41	1790	3
1830	544	1819	156	1809	203	1799	44		
1829	447	1818	222	1808	158	1798	28		
1828	368	1817	174	1807	99	1797	51		
1827	331	1816	206	1806	63	1796	44		
1826	323								

<sup>1</sup> Since 1942, includes patents issued to Alien Property Custodian, not shown separately.  
<sup>2</sup> Excludes patents issued to Alien Property Custodian.  
<sup>3</sup> Applications for reissue included with inventions 1836-1876; design applications included with inventions 1836-1879.

<sup>4</sup> Estimate.  
<sup>5</sup> From July 4 to end of year.  
<sup>6</sup> To July 4.

Series W 77-78. Trademarks Registered and Renewed: 1870 to 1957

Year	Registered	Renewed	Year	Registered	Renewed	Year	Registered	Year	Registered
	77	78		77	78		77		77
1957	17,483	3,488	1935	10,886	1,874	1913	5,065	1891	1,762
1956	20,753	3,756	1934	11,362	2,445	1912	5,020	1890	1,415
1955	18,207	4,268	1933	9,130	1,671	1911	4,205	1889	1,229
1954	15,946	3,491	1932	9,603	1,587	1910	4,239	1888	1,059
1953	15,610	3,103	1931	11,400	1,643	1909	4,184	1887	1,133
1952	16,172	3,419	1930	13,246	1,661	1908	5,191	1886	1,029
1951	17,376	3,350	1929	14,514	1,750	1907	7,878	1885	1,067
1950	16,817	3,564	1928	14,133	2,049	1906	10,568	1884	1,021
1949	15,968	3,788	1927	14,579	3,063	1905	4,490	1883	902
1948	11,472	5,056	1926	14,955	4,273	1904	2,158	1882	947
1947	8,976	6,139	1925	13,815	2,278	1903	2,186	1881	834
1946	8,106	5,725	1924	15,727	227	1902	2,006	1880	349
1945	7,490	4,210	1923	14,834	251	1901	1,928	1879	872
1944	6,025	4,052	1922	12,793	254	1900	1,721	1878	1,455
1943	5,595	3,835	1921	11,636	117	1899	1,649	1877	1,216
1942	6,795	2,894	1920	10,268	73	1898	1,238	1876	959
1941	8,530	2,765	1919	4,208	64	1897	1,671	1875	1,138
1940	9,974	2,547	1918	4,061	38	1896	1,813	1874	559
1939	10,521	1,398	1917	5,339	52	1895	1,829	1873	492
1938	10,204	1,051	1916	6,791	55	1894	1,806	1872	491
1937	11,242	1,524	1915	6,262	57	1893	1,677	1871	486
1936	10,722	1,888	1914	6,817	48	1892	1,737	1870	121