



Smithsonian

*National Museum of American History Kenneth E. Behring Center*

## Guide to the Warsaw Collection of Business Americana Subject Categories: Engineering

NMAH.AC.0060.S01.01.Engineering

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Funding for partial processing of the collection was supported by a grant from the Smithsonian Institution's Collections Care and Preservation Fund (CCPF).

1999, Revised 2017

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## Collection Overview

<b>Repository:</b>	Archives Center, National Museum of American History
<b>Title:</b>	Warshaw Collection of Business Americana Subject Categories: Engineering
<b>Date:</b>	1848-1963
<b>Identifier:</b>	NMAH.AC.0060.S01.01.Engineering
<b>Creator:</b>	Warshaw, Isadore, 1900-1969
<b>Extent:</b>	0.82 Cubic feet (consisting of 1.5 boxes, 5 folders, 2 oversize folders.)
<b>Language:</b>	English .
<b>Summary:</b>	A New York bookseller, Warshaw assembled this collection over nearly fifty years. The <i>Warshaw Collection of Business Americana: Engineering</i> forms part of the Warshaw Collection of Business Americana, Subseries 1.1: Subject Categories. The Subject Categories subseries is divided into 470 subject categories based on those created by Mr. Warshaw. These subject categories include topical subjects, types or forms of material, people, organizations, historical events, and other categories. An overview to the entire Warshaw collection is available here: <a href="#">Warshaw Collection of Business Americana</a>

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## Administrative Information

### Acquisition Information

Engineering is a portion of the Business Ephemera Series of the Warshaw Collection of Business Americana, Accession AC0060 purchased from Isadore Warshaw in 1967. Warshaw continued to accumulate similar material until his death, which was donated in 1971 by his widow, Augusta. For a period after acquisition, related materials from other sources (of mixed provenance) were added to the collection so there may be content produced or published after Warshaw's death in 1969. This practice has since ceased.

### Materials in the Archives Center

Archives Center Collection of Business Americana (AC0404)

### Forms Part Of

Forms part of the [Warshaw Collection of Business Americana](#) .

Missing Title:

- [Series 1: Business Ephemera](#)
- [Series 2: Other Collection Divisions](#)
- [Series 3: Isadore Warshaw Personal Papers](#)
- [Series 4: Photographic Reference Material](#)

### Processing Information

In 2016, with funding provided by the Smithsonian Institution's Collections Care and Preservation Fund, the Archives Center at the National Museum of American History implemented the use of

minimal level processing standards to increase information about and facilitate access to more of our collections. A large portion of stored material from the original acquisition received minimal level processing, which resulted in additions to this Subject category. This effort included basic arrangement and replacement of non-archival housing for long-term stability, but staples and other fasteners have not all been removed. Revisions to the encoded finding aid were made to reflect the added content in context to the previously processed material.

Minimal level processing and enhancement of the machine-readable finding aid completed by Nicole Blechynden, September 2017.

### Preferred Citation

Warshaw Collection of Business Americana Subject Categories: Engineering, Archives Center, National Museum of American History, Smithsonian Institution

### Restrictions

Collection is open for research. Some items may be restricted due to fragile condition.

### Conditions Governing Use

Collection items available for reproduction, but the Archives Center makes no guarantees concerning copyright restrictions. Other intellectual property rights may apply. Archives Center cost-recovery and use fees may apply when requesting reproductions.

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## Scope and Contents

General materials consist of items related to engineering, covering topics such as professional associations, building plans, caricatures of famous engineers, and a sample engineer's celluloid protractor. Under associations, there is a list of membership candidates for the American Society of Mechanical Engineers in 1897. There is also a preliminary list and a final ballot list of applications to be considered for the American Society of Civil Engineers in 1894. The material is arranged alphabetically by subject.

Publications contain published matter related to engineering, including articles, directories, pamphlets and periodicals. Articles include "On the Loss of Head Resulting from the Passage of Water Through a 24-inch Stop Valve" from the American Society of Civil Engineering (1892) and an 1890 sheet from Engineering News. There are three editions of "The Engineer" directory, 1908, 1914, and undated as well as an undated directory of the latest engineering books supplied by The Engineering News Publishing Company Pamphlets include "Power and the Engineer" (no date), "Engineers' License Law" (circa 1891), "Earthwork and its Cost" (1903), "Tables of Circles and Other Specimen Pages from Trautwine's Civil Engineers' Pocket-Book" (1893), "The Mechanical Engineer: His Preparation and His Work" (1875), "The Investigation of Engineering Education and Related Activities (1934), "Transactions of the American Institute of Electrical Engineers" (1893), and "Engineers of America: an Encyclopedia" (1913). Under periodicals, there is a 1962 and 1963 magazine "Reproduction Engineer", "Third Meeting of the Michigan Association of Surveyors and Civil Engineers" (1882), and the "Journal of the Western Society of Engineers" (1910). The bulk of the materials are from the late 19th century and early 20th century. Materials are arranged alphabetically by subject.

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## Names and Subject Terms

This collection is indexed in the online catalog of the Smithsonian Institution under the following terms:

Subjects:

Engineering

Types of Materials:

Business ephemera  
Ephemera

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## Container Listing

### Business Records, Marketing Material, and Other, 1848-1963

#### Subseries 1: Engineers and Engineering Firms, 1848-1964, undated

Scope and Contents: This subseries is comprised of materials from firms engaged in various activities in the engineering field, including machine and structural design; drafting; surveying; tool and machine repair and maintenance; consulting and inspection; and the manufacture of machine parts and factory equipment. The series consists of business cards; brochures, catalogs, and pamphlets; invoices and business correspondence; and handbills and other types of advertising matter. Bulk dates for this series are 1870-1930. Most firms in this series were based in the cities of the industrial North, especially Philadelphia, Boston, New York, and Chicago. A few items are from companies headquartered in other states and foreign countries. The material is arranged alphabetically by firm name.

Box 1, Folder 1	Abadie, E.H., Company, St. Louis, Missouri Notes: Engineers – Steam, Gas, Hydraulic, Electric; Contractors for General Service Plants
Box 1, Folder 1	Ames & Elliot, New York, New Yor Notes: Civil Engineers & Surveyors
Box 1, Folder 1	Ames, T. Edward, New York, New York Notes: Civil Engineer & Surveyor
Box 1, Folder 1	AMP Incorporated, Harrisburg, Pennsylvania, 1964 Notes: Electrical Engineering
Box 1, Folder 1	Anderson, Post & Company, New York, New York, undated Notes: Civil and Consulting Engineers
Box 1, Folder 1	Andren, Alban, Boston, Massachusetts, undated Notes: Civil and Mechanical Engineer
Box 1, Folder 2	Barrus, Geo. H., Boston, Massachusetts, 1887 Notes: Engineer
Box 1, Folder 2	Berry Engineering Company, 12 branch offices all over the U.S., undated
Box 1, Folder 2	Boller, Alfred P., New York, New York, 1877 Notes: Civil Engineer & Contractor
Box 1, Folder 3	Brooke, J.W. & Company, Ltd., England, 1911 Notes: Engineers
Box 1, Folder 4	Burnap, Charles E., Chicago, Illinois, undated Notes: Mechanical Engineer
Box 1, Folder 4	Butler, H.L. & Company, Pittsburgh, Pennsylvania, 1868

Notes: Engineers and Machine Brokers

Box 1, Folder 5	Chester, Partrick & Company, Philadelphia, Pennsylvania, 1868 Notes: Telegraphic and Electrical Engineers
Box 1, Folder 5	Chicago Engineering Works, Chicago, Illinois, undated Notes: Electrical School
Box 1, Folder 5	Colburn, James, New York, New York, 1848
Box 1, Folder 5	Copeland, Charles W., New York, New York, 1854 Notes: Consulting Engineer
Box 1, Folder 5	Croes, Church, & Van Winkle, New York, New York, undated Notes: Civil Engineers
Box 1, Folder 6	Davis, George, Jersey City, New Jersey, 1867 Notes: Consulting Engineer and Machinist
Box 1, Folder 6	Deery & Keerl, Philadelphia, Pennsylvania, 1885 Notes: Architects and Civil Engineers
Box 1, Folder 6	Doane, Thomas and John Jr., Charlestown, Massachusetts, 1852 Notes: Civil Engineer & Land Surveyors
Box 1, Folder 7	Eastburn Engineering Company, Incorporated, Morristown, New Jersey, 1961
Box 1, Folder 8	Ford, Bacon & Davis, New York, New York, 1920 Notes: Engineers
Box 1, Folder 9	General Controls, New York, New York, 1942, 1946 Notes: Manufacturers of Temperature, Pressure, Level, and Flow Controls
Box 1, Folder 10	Geneva Optical Company, New York, New York, 1900
Box 1, Folder 10	Grimshaw, Robert, Philadelphia, Pennsylvania, circa 1880 Notes: Engineering and Expert Offices
Box 1, Folder 11	Harlow, James H. & Company, Pittsburgh, Pennsylvania, undated Notes: Consulting Engineers
Box 1, Folder 11	Harrington, W.E., Philadelphia, Pennsylvania, undated Notes: Consulting Engineer
Box 1, Folder 11	Herr, Homer A., Philadelphia, Pennsylvania, 1892 Notes: Mechanical Engineer and Draughtsman
Box 1, Folder 11	Hunt, Robert W. and Company, New York, New York, 1919 Notes: Engineers, Bureau of Inspection, Tests and Consultation

Box 1, Folder 12	Hooker, Elon Huntington, New York, New York, 1938 Notes: Founder of Hooker Electrochemical Company
Box 1, Folder 13	Jarvis, Henry & Company, Chicago, Illinois, undated Notes: Inspecting Engineers
Box 1, Folder 13	Kent, Henry R. & Company, New York, New York, 1917 Notes: Engineers and Constructors
Box 1, Folder 13	Link-Belt Engineering Company, Philadelphia, Pennsylvania, 1901 Notes: Engineers and Machinists
Oversize 20, Folder 4a	Lobnitz and Company, Renfrew, New Brunswick, 1893 Notes: Engineers and Shipbuilders
Box 1, Folder 13	Ludlam & Stuchfield, New York, 1880 and circa 1870 Notes: City Surveyors
Box 1, Folder 14	Mason, W.A. & C.D. Elliot, Somerville, Massachusetts, 1872 Notes: Civil Engineers and Surveyors
Box 1, Folder 14	Mason, W.A. & Son, Cambridge, Massachusetts, circa 1921 Notes: Surveyors
Box 1, Folder 14	McCrosky Tool Corporation, Meadville, Pennsylvania, 1937
Box 1, Folder 14	Miller, Joseph A. & Company, Boston, Massachusetts, undated Notes: Mechanical Engineers
Box 1, Folder 14	Minot, S.L., Boston, Massachusetts, 1880 Notes: Civil Engineer
Box 1, Folder 14	Moffett, Hodgkins & Clarke, New York, New York and Chicago, Illinois, 1891 Notes: Engineers and Contractors
Box 1, Folder 14	Moore Bros., New York, New York, undated Notes: Electrical Engineers & Contractors
Box 1, Folder 15	Pemberton, T. P., Boston, Massachusetts, undated Notes: Mechanical Engineer, Practical Draftsman, Teacher of Drafting, & c.
Box 1, Folder 15	Pfannmueller Engineering Company, Chicago, Illinois, 1915 Notes: Power Equipment Engineers
Box 1, Folder 15	Phelps, E.H., New York, New York, undated Notes: Hydraulic Engineer and Millwright
Box 1, Folder 15	Prichard, Henry S., Philadelphia, Pennsylvania, undated Notes: Civil Engineer and Inspector



Box 1, Folder 16	Randolph, Marion, Albany, New York, 1892 Notes: Civil Engineer and Surveyor
Box 1, Folder 16	Reaney, W.B., Philadelphia, Pennsylvania, 1876 Notes: Engineer and Marine Architect
Box 1, Folder 16	Roberts & Abbott Company, Incorporated, Cleveland, Ohio, 1907 Notes: Engineers – Mechanical, Electrical, Civil, Industrial, and Architectural
Box 1, Folder 16	Roberts, Edward, Philadelphia, Pennsylvania, 1867 Notes: City Surveyor
Box 1, Folder 16	Robinson and Starr, Utica, New York, circa 1912 Notes: Civil and Sanitary Engineers
Box 1, Folder 17	Scott, Olin, Bennington, Vermont, circa 1868 Notes: Mechanical Engineer
Box 1, Folder 17	Sellers, William & Company, Incorporated, Dr., Philadelphia, Pennsylvania, 1887-1889 Notes: Engineers and Machinists
Box 1, Folder 17	Spring & Robinson, Boston, Massachusetts, undated Notes: Engineers & Machinists
Box 1, Folder 17	Stafford, J.A. & Company, Boston, Massachusetts, undated Notes: Mechanical Engineers
Box 1, Folder 18	Stone & Webster, Boston, Massachusetts & New York, New York, 1920 Notes: Steam Power Stations
Box 1, Folder 19	Storer, G.W., Philadelphia, Pennsylvania, 1888 Notes: Mechanical Engineer
Box 1, Folder 19	Sullivan, James F., New York, New York, 1875 Notes: Engineer & Machinist
Box 1, Folder 20	Tagliabue, C. J. Manufacturing Company, New York, New York, 1919, 1936, 1939-1940 Notes: Temperature Engineers
Box 1, Folder 21	Technical Advisory Corporation, New York, New York, 1929 Notes: Consulting Engineers, Technical Advisors, City Planners
Box 1, Folder 21	Teller, W. C., Iron Mountain, Michigan, circa 1890 Notes: Surveyor and Civil Engineer
Oversize 20, Folder 4	Timber Engineering Company, Washington, D.C., undated Notes: Subsidiary of National Lumber Manufacturers Association

Box 1, Folder 22	Torrington Company, Torrington, Connecticut, 1945 Notes: Engineers of Needle Bearings
Box 1, Folder 23	Torrington Company, Torrington, Connecticut, 1940, undated Notes: Engineers of Needle Bearings
Box 1, Folder 24	Troy Association, New York, New York Notes: Stationary Engineers
Box 1, Folder 24	U.S. Engineer Office, Washington, D.C., 1876 Notes: Army Corps of Engineers
Box 1, Folder 24	Van Alst, P.G., Dr., New York, New York, 1900 Notes: Civil Engineer and City Surveyor
Box 1, Folder 25	Walters, Geo. C., Philadelphia, Pennsylvania, 1897 Notes: Engineer and Machinist
Box 1, Folder 25	Warren-Knight, Philadelphia, Pennsylvania, 1942 and 1944 Notes: Makers of Sterling Silver Instruments
Box 1, Folder 25	Western Engineering Company, San Francisco, California, 1892-1893 Notes: Civil, Mechanical, and Electrical Engineers, Architects and Contractors
Box 2, Folder 1	White, J.G. & Company, Incorporated, New York, New York Notes: Engineering Corporation

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### Subseries 2: General Information, circa 1881-1905, undated

Scope and Contents: This subseries consists of general materials related to engineering, covering topics such as professional associations, building plans, caricatures of famous engineers, and a sample engineer's celluloid protractor. Under associations, there is a list of membership candidates for the American Society of Mechanical Engineers in 1897. There is also a preliminary list and a final ballot list of applications to be considered for the American Society of Civil Engineers in 1894. The material is arranged alphabetically by subject.

Box 2, Folder 2	Associations
Box 2, Folder 3	Caricatures
Box 2, Folder 4	Plans
Box 2, Folder 5	Miscellaneous

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### Subseries 3: Related Publications, circa 1875-1963, undated

Scope and Contents: This subseries consists of published matter related to engineering, including articles, directories, pamphlets and periodicals. Articles include "On the Loss of Head Resulting from the Passage of Water Through a 24-inch Stop Valve" from the American Society

of Civil Engineering (1892) and an 1890 sheet from Engineering News. There are three editions of "The Engineer" directory, 1908, 1914, and undated as well as an undated directory of the latest engineering books supplied by The Engineering News Publishing Company Pamphlets include "Power and the Engineer" (undated), "Engineers' License Law" (circa 1891), "Earthwork and its Cost" (1903), "Tables of Circles and Other Specimen Pages from Trautwine's Civil Engineers' Pocket-Book" (1893), "The Mechanical Engineer: His Preparation and His Work" (1875), "The Investigation of Engineering Education and Related Activities (1934), "Transactions of the American Institute of Electrical Engineers" (1893), and "Engineers of America: an Encyclopedia" (1913). Under periodicals, there is a 1962 and 1963 magazine "Reproduction Engineer", "Third Meeting of the Michigan Association of Surveyors and Civil Engineers" (1882), and the "Journal of the Western Society of Engineers" (1910). The bulk of the materials are from the late 19th century and early 20th century. Materials are arranged alphabetically by subject.

Box 2, Folder 6	Articles
Box 2, Folder 7	Directories
Oversize 20, Folder 4a	Directory of "The Engineer", 1914
Box 2, Folder 8	Pamphlets
Box 2, Folder 9	Pamphlets
Box 2, Folder 10	Periodicals
Box 2, Folder 11	Periodicals

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## Genre, 1856-1947

### Scrapbook, 1856-1891

Oversize ADDOV29, Folder 1	Civil and municipal engineering, 1856-1891 Notes: Disbound scrapbook containing an assortment of clippings, documents and specifications.
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### Serial Publications, 1895-1947

Box ADD42, Folder 1	Cassier's Magazine, 1895, 1913 Notes: Oil Power Number. Niagara Power Number.
Box ADD42, Folder 2	Kentucky Engineer, 1945-1947
Box ADD42, Folder 3	Mechanical Engineering, 1931 October

Box ADD42, Folder  
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Westinghouse Engineering Highlights, 1948 January

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Box SUPP 13,  
Folder 1

Business Records, 1892-1908

Oversize 20, Folder  
4

Engineering

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