



Smithsonian

National Museum of American History Kenneth E. Behring Center

Guide to the Fellows Gear Shaper Company Records

NMAH.AC.0856

Mitch Toda.

2004

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Table of Contents

Collection Overview	
Administrative Information	1
Biographical / Historical	2
Scope and Contents	3
Arrangement	4
Names and Subjects	
Physical Characteristics and Technical Requirements	5
Container Listing	
Series 1: Executive Records, 1896 - 1993	7
Series 2: Financial Records, 1896 - 1973	9
Series 3: Stock Records, 1896 - 1974	15
Series 4: Property Records, 1898 - 1999	16
Series 5: Employee Records, 1915 - 1999	18
Series 6: Pension Plan And Trust Records, 1923 - 1985	20
Series 7: Publications, 1964 - 1998, undated	22
Series 8: Miscellaneous materials, 1942 - 1987	23

Collection Overview

Repository:	Archives Center, National Museum of American History
Title:	Fellows Gear Shaper Company Records
Date:	1896-1999 (bulk 1915-1970)
Identifier:	NMAH.AC.0856
Creator:	Fellows Gear Shaper Co., Springfield, Vermont Regency Savings Bank (Houston, Texas)
Extent:	31 Cubic feet (62 boxes, 3 map-folders)
Language:	English .
Summary:	The records document primarily the financial aspects of the Fellows Gear Shaper Company and consist of meticulously maintained journals and ledger books. Fellows Gear Shaper Company was a leader and dominant figure in the manufacturing of precision gear production, gear cutting tools, and optical inspection machines in the first half of the 20th century. The company's contribution to the industry enabled the manufacture of gears for textile, automobiles, factory machinery, and other industries.

Administrative Information

Acquisition Information

Regency Savings Bank of Houston, Texas, donated the records to the Archives Center on March 2, 2004.

Provenance

In 2002, following the Goldman bankruptcy, these papers were found by Marley Environmental while cleaning out the abandoned Fellows Gear Shaper Company building. Subsequently, the bank that owned the building, Regency Savings Bank of Houston, Texas, donated them to the Archives Center on March 2, 2004.

Processing Information

Processed by Mitch Toda (intern), July 2004; supervised by Alison Oswald, archivist.

Preferred Citation

Fellows Gear Shaper Records, 1896-1970s, Archives Center, National Museum of American History, Smithsonian Institution.

Restrictions

Collection is open for research but is stored off-site and special arrangements must be made to work with it. Contact the Archives Center for information at archivescenter@si.edu or 202-633-3270.

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Biographical / Historical

The Fellows Gear Shaper Company was founded in 1896 by Edwin R. Fellows (1865-1945) in Springfield, Vermont. With only one year of high school education, Fellows was employed as a department store clerk and window dresser before entering the machine tool industry. He got his start in the business after becoming acquainted with James Hartness of the Jones and Lamson Machine Company in 1885. Hartness offered Fellows a job at his company which Fellows eventually accepted, going to work for Hartness in 1889.

While his first few weeks at Jones and Lamson were spent working on a screw machine, Fellows was soon working with Hartness in machine design and Fellows's efforts led to the development of the flat-turret lathe. Immersed in the machine tool industry, Fellows developed an interest in gear-cutting problems. After some time spent at his drafting board, Fellows developed a new principle in gear manufacturing.

His new process was a great improvement upon previous methods of gear cutting. At the time, gears were cut by milling cutters formed to the shape of the desired teeth. A tooth was cut, then a gear blank was indexed and the next tooth was cut at the appropriate distance from the first. To facilitate this, an intermittent indexing mechanism was used, which was prone to slight errors in tooth spacing.

In order to alleviate such problems Fellows invented the Gear Shaper and the Gear Shaper Cutter which was shaped like a gear and was provided with relieved cutting edges. The Gear Shaper utilized the molding-generating principle, the cutter being reciprocated as it rotated in harmony with the gear that was being cut. Since no intermediary devices were used, chances for error were eliminated.

With the encouragement and financial backing of Hartness, Fellows took his idea and started his own company. The first model was the 36-inch Gear Shaper, which when finished was sent to Prentice Brothers at Worcester, Massachusetts; Prentice Brothers became Fellows's first customer. The revolutionary nature of Fellows's concept caused many to shy away from his products, and early troubles in product development added to the difficulty of achieving acceptance. However, slight operating losses in 1898 and 1899 were replaced by profits in subsequent years. In 1899, Fellows was awarded the John Scott Legacy Medal by the Franklin Institute in Philadelphia.

Fellows went on to develop a machine to grind the involute profiles of the cutter teeth. With these machines, cutters could be ground to a high degree of accuracy after hardening. The introduction of the cutter with ground involute profiles and the increasing requirements for accuracy necessitated the development of a dependable method of inspection. Since such instruments for the accurate inspection of involute teeth shapes were unknown, Fellows designed and built the Involute Measuring Machine to fill this void.

The coming of the automobile was fortuitous for the machine tool industry. In 1900, Fellows developed a rack shaper, and in 1902 he developed the 24-inch gear shaper, which was principally created to cut automobile gears. The fortunes of the company came to be interwoven with the automobile industry. As early as 1898, one of Fellows' machines went to the Electric Vehicle Company. Automobile companies such as Packard Motor Car Company, Olds Motor Works, Cadillac Motor Car Company, and Buick Motor Company were among the automobile manufacturers counted as Fellows's customers.

The company was divided into two divisions, the Machine Division and the Cutter Division. The Machine Division was responsible for the manufacture of gear shaping machines, gear shaving machines, gear lapping machines, gear measuring equipment and attachments, masters, and other tools required in conjunction with this equipment. The Cutter Division was responsible for the manufacture of gear shaping cutters, shaving tools, master gears, burnishing gears, form ground cutters, rack cutters, cutters for steering sector worms, and other cutting tools.

For the Fellows Gear Shaper Company, the 1920s was a time of growth and product development, and the 1940s heralded the design and production of nine new kinds of machines, including in 1947 a mammoth rotary gear shaper, the 80,000 pound ten-spindle gear shaper. In 1977 Fellows introduced its new series of Hydrostroke machines and in the early 1980s introduced computer numerical control (CNC) machines.

In 1970, the company changed its name to Fellows Corporation. Four years later, Fellows was acquired by the Emhart Corporation and in 1987 Fellows was acquired by Goldman Industrial Group. Goldman filed for bankruptcy in February 2002. In July 2002, Bourn & Koch, Inc., of Rockford, Illinois, and Star-SU, Inc. of Hoffman Estates, Illinois, acquired the gear shaper machine tool manufacturing assets and the gear shaper cutting tool manufacturing assets respectively.

Reference

Broehl, Wayne G. *Precision Valley: The Machine Tool Companies of Springfield, Vermont: Jones and Lamson Machine Company, Fellows Gear Shaper Company, Bryant Chucking Grinder Company.* Englewood Cliffs, NJ: Prentice-Hall, 1959.

Scope and Contents

The bulk of materials deals with the financial aspects of the Fellows Gear Shaper Company and consists of meticulously kept journals and ledger books (Series 2). Of interest are the photographs and architectural plans regarding the construction of the 1969 North Springfield plant (Series 4), as well as the details of the activities of the Fellows Gear Shaper Foundation which awarded scholarship loans to high school students (Series 5).

Series 1, Executive Records, 1896-1993 This series is composed of a variety of materials including: articles of association, articles of incorporation, by-laws, licenses, contracts, agreements, and annual reports. Of particular interest is a 1953 defense study by the company as part of the Industry Defense Study for Measures to Minimize Loss of and Resume Production after a nuclear war, materials from 1963-1971 related to a contract with Colt Manufacturing Company, and two volumes regarding the Emhart Corporation acquisition of Fellows in 1974.

Series 2, Financial Records, 1896-1973

This series of records form the bulk of the collection and are divided into eleven subseries, Subseries 1, Corporate Summary Ledgers, 1896-1960; Subseries 2, Journals, 1903-1962; Subseries 3, General Financial Ledgers, 1918-1963; Subseries 4, Cash Received/Cash Paid Ledgers, 1896-1919; Subseries 5, Cash Received Ledgers, 1920-1954; Subseries 6, Bills Receivable Ledgers, 1910-1962; Subseries 7, Petty Cash Ledgers, 1910-1951; Subseries 8, Monthly Reports, 1922-1941; Subseries 9, Treasurer's Annual Reports, 1898-1960; Subseries 10, Financial Statements, 1963-1968; and Subseries 11, Machine Sales and Finances, 1920-1961.

The materials in this series provide a thorough financial picture of the company from its founding in 1896 to approximately 1960. The journals and ledgers cover such areas as: profits, sales, payroll, marketing, overhead, depreciation, taxes, liabilities, assets, insurance, cash received and paid, petty cash, and machines purchased. Also included are monthly reports, most likely of the general manager, and the treasurer's annual reports.

Series 3, Stock Records, 1896-1974

These records contain notes indicating the company's initial stockholders, the amount of stockholder investments, minutes of stockholder meetings from 1954-1974, notes and correspondence from 1961-1965 that include lists of company employees who did and did not own stock, a list of the dates of regular and special stockholders meetings, and stock certificates.

Series 4, Property Records, 1898-1999

This set of materials covers the real estate and property owned by the company. Such records include: deeds, oversize topographic maps and architectural plans, and insurance appraisals. Of note are the photographs documenting the construction of the 1969 North Springfield, Vermont, plant and its corresponding building plans.

Series 5, Employee Records, 1915-1999

These records are divided into six subseries: General Employee Records, 1915-1987; Fellows Gear Shaper Foundation, 1954-1977; Events, 1948-1970; Employee Newsletters, 1943-1999; Employee reminiscences (Alice Marchand Tier Emerson), 1944 and undated; and Photographs, 1976-1977.

The General Employee Records include materials on wage rates, bonuses, sales incentives, and union contracts. Of interest are the employee cards of those who were killed in action during World War II. These include a chronology of the positions held by the employee, a brief evaluation statement of performance, wage information, and a short obituary. The materials in the Fellows Gear Shaper Foundation subseries contain information about the Foundation's scholarship loan activities. They include such items as the Secretary's report from 1954-1977, documentation of the application process, and a sample student file. The Events subseries covers the Company Veteran's Dinners that celebrated those employees who had been working for the company for over 25 years, both current and retired. There are programs for the dinners from 1948-1970 as well as photographs from the 1967 and 1970 dinners. NOTE: Social Security Numbers and phone numbers were redacted from materials in this series to protect the privacy of individuals. The employee newsletters are fragmented and include Fellows Cutting Stroke, Fellows Pitchline and NewShaper. The employee reminiscence includes a typescript reminiscence by Alice Marchand Tier Emerson a stenographer in the Stenographic Department, and two original letters. The photographs depict employees at work with various pieces of Fellows equipment.

Series 6, Pension Plan and Trust Records, 1923-1985

This series contains materials regarding a pension plan and trust fund created by Fellows Gear Shaper Company for its employees. It consists of examples of trust agreements and declarations, correspondence, payment ledgers, Internal Revenue Service information returns, audited financial statements, and lists of those employees receiving a pension. NOTE: Social Security Numbers were redacted from materials in this series to protect the privacy of individuals.

Series 7, Publications, 1964-1998, undated

The series contains technical publications copyrighted and published by Fellows Gear Shaper Company.

Series 8, Miscellaneous materials, 1942-1987

The series contains a variety of materials, company history, E.R. Fellows Memoriam, citations and awards given to the company, an engineering department organizational chart, lists of patents awarded to E.R. Fellows and other employees of Fellows Gear, press releases, and product literature.

Arrangement

The collection is divided into eight series.

Series 1, Executive Records, 1896-1993

Series 2, Financial Records, 1896-1973

Subseries 1, Corporate Summary Ledgers, 1896-1960

Subseries 2, Journals, 1903-1962

Subseries 3, General Financial Ledgers, 1918-1963

Subseries 4, Cash Received/Cash Paid Ledgers, 1896-1919

Subseries 5, Cash Received Ledgers, 1920-1954

Subseries 6, Bills Receivable Ledgers, 1910-1962

Subseries 7, Petty Cash Ledgers, 1910-1951

Subseries 8, Monthly Reports, 1922-1941

Subseries 9, Treasurer's Annual Reports, 1898-1960

Subseries 10, Financial Statements, 1963-1968

Subseries 11, Machine Sales and Finances, 1920-1961

Series 3, Stock Records, 1896-1974

Series 4, Property Records, 1898-1999

Series 5, Employee Records, 1915-1999

Subseries 1, General Employee Records, 1915-1987

Subseries 2, Fellows Gear Shaper Foundation, 1954-1977

Subseries 3, Events, 1948-1970

Subseries 4, Newsletters, 1943-1999

Subseries 5, Employee reminiscences (Alice Marchand Tier Emerson), 1944 and undated

Subseries 6, Photographs, 1976-1977

Series 6, Pension Plan And Trust Records, 1923-1985

Series 7, Publications, 1964-1998, undated

Series 8, Miscellaneous materials, 1942-1987

Physical Characteristics and Technical Requirements

Gloves must be worn when handling unprotected photographs and negatives.

Names and Subject Terms

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

Subjects:

- Gear industry
- Gear-shaping machines
- Machine-tool industry

Types of Materials:

- Account books
- Administrative records
- Business records -- 19th century
- Business records -- 20th century
- Financial records
- Minute books
- Photographs -- 20th century
- Sales records
- Topographic maps

Names:

- Bourn & Koch, Inc.
- Colt Manufacturing Company.
- Emhart Corporation.

Goldman Industrial Group.
Star-SU, Inc.

Container Listing

Series 1: Executive Records, 1896 - 1993

Box 1, Folder 1	Corporate documents, 1896 - 1952
Box 1, Folder 2	By-laws, 1948 September 22
Box 1, Folder 3	By-laws, 1948 December 27
Box 1, Folder 4	Proposed by-laws, undated
Box 1, Folder 5	By-laws, undated
Box 1, Folder 6	Certificate of amendment and warranty deed of New Fellows Corporation, 1974
Box 1, Folder 7	State of Delaware, certificates of incorporation, 1987 February 20-1989 October 27
Box 1, Folder 8	Director's minute book, 1954 - 1974
Box 1, Folder 9	Annual reports, 1961 - 1962
Box 1, Folder 10	Management diagnosis by John J. Plocar Company, 1942 September 30
Box 1, Folder 11	Industry defense study, 1953 December
Box 1, Folder 12	Cutter heat transfer processing problems, 1983 - 1987
Box 1, Folder 13	National Broach & Machine Company memo, 1952 April 25
Box 2, Folder 1-3	Colt Firearms, 1963 - 1971
Box 2, Folder 4	License with Nikola Trbojevich, 1931 - 1934
Box 2, Folder 5	Contract with Alfred Herbert, Ltd., 1964 March 12
Box 2, Folder 6	Consultant agreement with Frank Antonivich, 1985 - 1987
Box 2, Folder 7	Sales agreement with Stankoimport, USSR, 1986
Box 2, Folder 8	Sales agreement with Vneshtekhnika, USSR, 1986
Box 2, Folder 9	Sales agreement with Halco, Inc., 1988 - 1997

Box 2, Folder 10	Sales agreement with Siber Hegner Machinery, Hong Kong, 1989 - 1993
Box 3	Emhart Corporation acquisition of Fellows Corporation (two volumes), 1974
Box 4	Emhart Corporation acquisition of Fellows Corporation (two volumes), 1974

[Return to Table of Contents](#)

Series 2: Financial Records, 1896 - 1973

Subseries 2.1: Corporate Summary Ledgers, 1896 - 1960

Box 5	Volume 1, Profits and Sales, 1898 - 1960
Box 6	Volume 2, Labor, Marketing, Overhead, Payroll Summary, Repairs, 1912 - 1960
Box 7	Volume 3, Bad Debts, Diamonds, Employees, Insurance, Interest, Inventories, 1898 - 1960
Box 8	Volume 4, Depreciation, 1896 - 1960
Box 9	Volume 5, Development, 1932 - 1959
Box 10	Volume 6, Machines and Cutter Record, 1898 - 1960
Box 11	Volume 7, Taxes, 1909 - 1960
Box 12	Volume 8, Cost of Sales, 1898 - 1959
Box 13	Engineering, 1930 - 1960
Box 14	Surplus, liabilities, assets, 1898 - 1960

Subseries 2.2: Journals, 1903 - 1962

Box 15, Folder 1	Volume 2, 1903 May 22-1905 November 18
Box 15, Folder 2	Volume 3, 1905 November 18-1907 July 31
Box 15, Folder 3	Volume 4, 1907 August 1-1909 May 12
Box 16, Folder 1	Volume 5, 1909 May 13-1912 August 31
Box 16, Folder 2	Volume 6, 1912 September 1-1916 December 30
Box 16, Folder 3	Volume 7, 1917 January 1-1919 December 21
Box 17, Folder 1	Volume 8, 1919 December 31-1922 June 30
Box 17, Folder 2	Volume 9, 1922 July 1-1925 August 31
Box 17, Folder 3	Volume 10, 1925 September 1-1928 June 30

Box 18, Folder 1	Volume 11, 1928 June 30-1931 March 31
Box 18, Folder 2	Volume 12, 1931 March 31-1934 March 31
Box 18, Folder 3	Volume 13, 1934 April 1-1937 March 31
Box 19, Folder 1	Volume 14, 1937 April 1-1939 November 31
Box 19, Folder 2	Volume 15, 1939 December 1-1941 November 31
Box 19, Folder 3	Volume 16, 1941 December 1-1943 June 30
Box 20, Folder 1	Volume 17, 1943 July 1-1945 June 30
Box 20, Folder 2	Volume 18, 1945 June 30-1947 July 31
Box 20, Folder 3	Volume 19, 1947 August 1-1949 September 30
Box 21, Folder 1	Volume 20, 1949 September 30-1951 September 30
Box 21, Folder 2	Volume 21, 1951 October 1-1953 December 31
Box 21, Folder 3	Volume 22, 1953 December 31-1955 December 31
Box 22, Folder 1	Volume 23, 1956 January 1-1957 December 31
Box 22, Folder 2	Volume 24, 1957 December 31-1959 December 31
Box 22, Folder 3	Volume 25, 1959 December 31-1961 December 30
Box 23, Folder 1	Volume 26, 1961 December 31-1962 December 31

Subseries 2.3: General Financial Ledgers, 1918 - 1963

Box 59	Volume 1, 1918 - 1958
Box 60	Volume 2, 1918 - 1959
Box 24, Folder 1	Volume, unidentified, 1961 - 1963

Subseries 2.4: Cash Received/Cash Paid Ledgers, 1896 - 1919

Box 45	Volume 1, 1896 September-1904 August 31
Box 46	Volume 2, 1904 September 1-1908 January 31

Box 47	Volume 3, 1908 February 1-1909 December 31
Box 25, Folder 1	Volume 4, 1910 January 1-1912 August 31
Box 25, Folder 2	Volume 5, 1912 September 1-1914 December 31
Box 25, Folder 3	Volume 6, 1915 January 1-1916 September 30
Box 26, Folder 1	Volume 7, 1916 October 1-1917 December 31
Box 26, Folder 2	Volume 8, 1918 January 2-1918 December 31
Box 26, Folder 3	Volume 9, 1919 January 1-1919 December 31

Subseries 2.5: Cash Received Ledgers, 1920 - 1954

Box 27, Folder 1	Volume 10, 1920 January 1-1922 December 31
Box 27, Folder 2	Volume 11, 1923 January 1-1925 December 31
Box 27, Folder 3	Volume 12, 1926 January 1-1928 June 20
Box 28, Folder 1	Volume 13, 1928 July 1, 1928-1930 August 31
Box 28, Folder 2	Volume 14, 1930 September 1-1934 July 31
Box 28, Folder 3	Volume 15, 1934 August 1-1937 March 31
Box 29, Folder 1	Volume 16, 1937 April 1-1939 July 31
Box 29, Folder 2	Volume 17, 1939 August 1-1941 June 25
Box 29, Folder 3	Volume 18, 1941 June 25-1942 August 31
Box 30, Folder 1	Volume 19, 1942 September 1-1943 June 30
Box 30, Folder 2	Volume 20, 1943 July 1-1944 April 30
Box 30, Folder 3	Volume 21, 1944 May 1-1945 March 31
Box 31, Folder 1	Volume 22, 1946 April 1-1946 May 29
Box 31, Folder 2	Volume 23, 1946 May 29-1947 January 31
Box 48, Folder 1	Volume 24, 1947 February 1-1948 May 17

Box 48, Folder 2	Volume 25, 1948 May 17-1949 September 30
Box 49, Folder 1	Volume 26, 1949 October 1-1950 December 15
Box 49, Folder 2	Volume 27, 1950 December 15-1951 October 11
Box 50, Folder 1	Volume 28, 1951 October 11-1952 June 26
Box 50, Folder 2	Volume 29, 1952 June 26-1953 March 9
Box 58, Folder 1	Volume 30, 1953 March 16-1953 November 23
Box 58, Folder 2	Volume 31, 1953 November 30-1954 September 28

Subseries 2.6: Bills Receivable Ledgers, 1910 - 1962

Box 32, Folder 1	Bills Receivable Ledgers, 1910 February 8-1919 April 23
Box 32, Folder 2	Bills Receivable Ledgers, 1919 May 2-1921 September 28
Box 32, Folder 3	Bills Receivable Ledgers, 1921 October 11-1927 October 19
Box 32, Folder 4	Bills Receivable Ledgers, 1927 March 19-1962 June 18

Subseries 2.7: Petty Cash Ledgers, 1910 - 1951

Box 32, Folder 5	Volume 1, 1910 January-1919 December
Box 33, Folder 1	Volume 2, 1920 January-1927 September
Box 33, Folder 2	Volume 3, 1927 October-1933 July
Box 33, Folder 3	Volume 4, 1933 August-1939 June
Box 34, Folder 1	Volume 5, 1939 July-1943 May
Box 34, Folder 2	Volume 6, 1943 June-1946 May
Box 34, Folder 3	Volume 7, 1946 June-1951 March

Subseries 2.8: Monthly Reports, 1922 - 1941

Box 35, Folder 1	Monthly Reports, 1922 - 1925
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Box 35, Folder 2	Monthly Reports, 1926 - 1929
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Box 35, Folder 3	Monthly Reports, 1930 - 1933
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Box 35, Folder 4	Monthly Reports, 1934 - 1937
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Box 35, Folder 5	Monthly Reports, 1938 - 1941
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Subseries 2.9: Treasurer's Annual Reports, 1898 - 1960

Box 36, Folder 1	Treasurer's Annual Reports, 1898 - 1939
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Box 36, Folder 2	Treasurer's Annual Reports, 1940 - 1960
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Subseries 2.10: Financial Statements, 1963 - 1968

Box 36, Folder 3	Audited financial statement, 1963 December 31
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Box 36, Folder 4	Audited financial statement and other financial information, 1967 December 31
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Box 36, Folder 5	Financial statement (without audit), 1968 September 30
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Box 36, Folder 6	Audited financial statements, 1968 December 31
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Box 36, Folder 7	Audited financial statements and other financial information, 1968 December 31
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Subseries 2.11: Machine Sales and Finances, 1920 - 1961

Box 54, Folder 1	Machines purchased, 1920 January-1923 May 1
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Box 54, Folder 2	Machines purchased, 1923 June-1926 July
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Box 54, Folder 3	Machines purchased, 1926 July-1931 February
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Box 54, Folder 4	Machines purchased, 1931 March -1973 December
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Box 51	Active machines record book, 1900 - 1978
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Box 52	Inactive machines record book, 1900 - 1978
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Box 53	Inactive machines record book, 1900 - 1978
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Box 37, Folder 1	Machine development finances, 1960
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Box 37, Folder 2

Machine development finances, 1961

[Return to Table of Contents](#)

Series 3: Stock Records, 1896 - 1974

Box 37, Folder 3	Stockholder notes, 1896 - 1912
Box 37, Folder 4	Minutes of stockholders, 1954 - 1974
Box 37, Folder 5	Stockholder notes and correspondence, 1961 - 1965
Box 37, Folder 6	Dates of regular and special stockholder meetings, 1896 - 1960
Box 37, Folder 7	Stock certificates, 1952 - 1970

[Return to Table of Contents](#)

Series 4: Property Records, 1898 - 1999

Box 55, Folder 1	Photographs of construction of 1969 North Springfield Plant, 1968 October 10-December 13 Notes: (59 photographs)
Box 55, Folder 2	Photographs of construction of 1969 North Springfield Plant, 1969 January 27-1969 June 6 Notes: (71 photographs)
Box 38, Folder 1	Insurance appraisal of Bridge and Clinton Streets property, 1966 September 22 Notes: by MFB Mutual Insurance Company
Box 38, Folder 2	Insurance appraisal of No. 12 River Street property, 1966 September Notes: by MFB Mutual Insurance Company
Box 38, Folder 3	Insurance appraisal of Fellows Gear Shaper Company property, 1970 February 27 Notes: by MFB Mutual Insurance Company (2 vols.)
Box 38, Folder 4	Insurance appraisal of Fellows Gear Shaper Company property, 1973 September 7 Notes: by MFB Mutual Insurance Company
Box 38, Folder 5	Opinion of market value of Fellows Gear Shaper Company buildings, 1968 April 25 Notes: by R. M. Bradley & Company, Incorporated
Box 38, Folder 6	Machine inventory, 1999 October 27
Box 38, Folder 7	Abstract of title of real estate, 1916 - 1940 Notes: by Gilman & Son, Inc. and Other Materials
Box 38, Folder 8	Copy of partial deed, 1962 - 1975 Notes: Fellows Gear Shaper Company and North American Bitruder Company, Incorporated
Box 38, Folder 9	Snow-White Incorporated deed, 1952
Box 38, Folder 10	Vermont Foundries deed, 1957
Box 38, Folder 11	Edith L. Davis deed, 1963
Map-folder 1	Survey of land by L.M. Craigson, 1898 September
Map-folder 1	Property survey and protective outline map by L.G. Basso, 1959 April
Map-folder 1	Topographic map of property, circa 1953
Map-folder 1	Plans for intercepting sewers and pumping stations, 1959 April

Map-folder 1	Topographic maps regarding proposed bridge from plant to Springfield shopping plaza, 1963 September 24 Notes: (includes agreement between Fellows Gear Shaper Company and Springfield Realty Corporation)
Map-folder 2	Plans of Fellows Corporation Manufacturing facility, 1968 March 18-1968 May 31 Notes: Prepared by Anderson Nichols & Company, Incorporated for the 1969 Springfield Plant, (141 plans)
Map-folder 3	Maps of parking lot near the plaza bridge, 1971 March 10 Notes: (2 copies each--Topographic map of Fellows Gear Shaper Company and Topographic map of Building #30 and parking lot)
Map-folder 3	Floor plan of shop layout by department, 1983 January 12
Map-folder 3	Fellows Corporation boundary survey by David E. Coleman, 1996 May 1
Map-folder 3	Topographic map of Fellows Buildings, 18, 14, 30, 1, and 17, undated
Map-folder 3	Survey of Fellows Gear Shaper property along Pearl Street, undated

[Return to Table of Contents](#)

Series 5: Employee Records, 1915 - 1999

Subseries 5.1: General Employee Records, 1915 - 1987

Box 39, Folder 1	Wage rate book, 1915 - 1919
Box 39, Folder 2	Wage rate book, A-K, 1927 - 1963
Box 39, Folder 3	Wage rate book, L-Z, 1927 - 1963
Box 39, Folder 4	Wage rate book, A-Z, 1927 - 1964
Box 39, Folder 5	Employee bonus book, 1916 - 1944
Box 39, Folder 6	Employee earnings information, 1943 - 1944
Box 39, Folder 7	Sales incentive plan, 1967 - 1970
Box 39, Folder 8	Union contract, 1969 - 1987
Box 39, Folder 9	Note cards on employees killed in World War Two, 1920 - 1962
Box 57, Folder 1-2	Company employee housing, mortgage payment ledgers, 1920 - 1921 Notes: (2 vols.)

Subseries 5.2: Fellows Gear Shaper Foundation, 1954 - 1977

Box 40, Folder 1	Secretary's report, 1954 - 1977
Box 40, Folder 2	Audited financial statement, 1967 December 31
Box 40, Folder 3	Scholarship information file, 1962 - 1974
Box 40, Folder 4	Deborah Anne Wojenski, file, 1969 - 1974

Subseries 5.3: Events, 1948 - 1970

Box 40, Folder 5	Company veteran's dinner programs, 1948 - 1969
Box 40, Folder 6	Company veteran's dinner, 1967 Notes: includes 20 photographs
Box 40, Folder 7	Company veteran's dinner, 1968

Box 40, Folder 8 Company veteran's dinner, 1969

Box 40, Folder 9 Company veteran's dinner, 1970
Notes: includes 7 photographs

Subseries 5.4: Newsletters, 1943 - 1999

Box 61, Folder 1 Fellows Cutting Stroke, 1999 May 19

Box 61, Folder 2 Fellows Pitchline, 1967

Box 61, Folder 3 Fellows Pitchline, 1968

Box 61, Folder 4 Fellows Pitchline, 1969

Box 61, Folder 5 Fellows Pitchline, 1970

Box 61, Folder 6 Fellows Pitchline, 1971

Box 61, Folder 7 Fellows Pitchline, 1972

Box 61, Folder 8 Fellows Pitchline, 1980 October

Box 61, Folder 9 Fellows Pitchline, 1982 Spring

Box 61, Folder 10 NewShaper, 1943 December

Box 61, Folder 11 [NewShaper, 1944](#)

Box 61, Folder 12 NewShaper, 1945

Box 61, Folder 13 NewShaper, 1946

Subseries 5.5: Employee reminiscences (Alice Marchand Tier Emerson), 1944 and undated

Box 61, Folder 14

Subseries 5.6: Photographs, 1976 - 1977

Box 61, Folder 15

[Return to Table of Contents](#)

Series 6: Pension Plan And Trust Records, 1923 - 1985

Box 41, Folder 1	Trust agreement and amendments, 1944 June 30
Box 41, Folder 2	Masters of proposed trust, 1944 July 14
Box 41, Folder 3	Trust agreement and declaration document, 1944 July 14
Box 41, Folder 4	Trust agreement and declaration document, 1947 February 19
Box 41, Folder 5	Pension plan document, 1950 September 1
Box 41, Folder 6	Trust agreement and declaration document, 1952 August 15
Box 41, Folder 7	Trust agreement and declaration document, 1959 February 18
Box 41, Folder 8	Trust agreement and declaration document, 1967 March 1
Box 41, Folder 9	Trust agreement and declaration document, 1967 May 3
Box 41, Folder 10	Report on retirement plan study by Chase National Bank, 1949
Box 41, Folder 11	Ellison System survey of Fellows Gear Shaper Company pension plan, 1950
Box 41, Folder 12	Correspondence, American Mutual Liability Insurance Company, 1944
Box 41, Folder 13	Correspondence, Larry Ellison, 1961
Box 41, Folder 14	Correspondence, employees, 1976 - 1978
Box 41, Folder 15	Correspondence, Fiduciary Trust Company, 1944 - 1952
Box 41, Folder 16	Correspondence, First National Bank, 1944
Box 41, Folder 17	Correspondence, Raymond B. Hitchcock, 1972
Box 41, Folder 18	Correspondence, Internal Revenue Service, 1944 - 1962
Box 41, Folder 19	Correspondence, Internal Revenue, Treasury Department, 1946 - 1955
Box 41, Folder 20	Correspondence, Morgan & Morgan, 1944
Box 41, Folder 21	Correspondence, National War Labor Board, 1944
Box 41, Folder 22	Correspondence, C. M. Peter, 1938 - 1939 Notes: includes 2 photographs

Box 41, Folder 23	Correspondence, Ropes, Gray, Best, Coolidge and Rugg, 1944
Box 41, Folder 24	Miscellaneous, 1944 - 1961
Box 56, Folder 1	Pension payment ledger, 1923 January-1929 September
Box 56, Folder 2	Pension payment ledger, 1929 January-1935 January
Box 42, Folder 1-4	Internal Revenue Service, information returns, 1951 - 1954
Box 42, Folder 5	Audited financial statements, 1963 December 31
Box 42, Folder 6	Audited financial statements, 1966 December 31
Box 42, Folder 7	Audited financial statements, 1967 June 30
Box 42, Folder 8	Audited financial statements, 1967 December 31
Box 42, Folder 9	Audited financial statements, 1968 December 31
Box 43, Folder 1	Audited financial statements, 1969 December 31
Box 43, Folder 2	Pension list, active employees, A thru F, 1959 - 1979
Box 43, Folder 3	Pension list, active employees, G thru M, 1959 - 1979
Box 43, Folder 4	Pension list, active employees, N thru Z, 1962 - 1977
Box 43, Folder 5	Pension list, inactive employees, A thru K, 1951 - 1978
Box 44, Folder 1	Pension list, inactive employees, L thru Z, 1952 - 1978
Box 44, Folder 2	Deceased employees, twelve months payment, 1961 - 1979

[Return to Table of Contents](#)

Series 7: Publications, 1964 - 1998, undated

Box 62, Folder 1	The Art of Generating with a Reciprocating Tool, 1971
Box 62, Folder 2	Fellows Shaper Cutters, 1990
Box 62, Folder 3	Gears, undated
Box 62, Folder 4	The Internal Gear Design and Application, 1978
Box 62, Folder 5	The Involute Curve and Involute Gearing, 1964 - 1969
Box 62, Folder 6	Machine, Data, Feeds and Speeds (Chapter 5), 1998

[Return to Table of Contents](#)

Series 8: Miscellaneous materials, 1942 - 1987

Box 62, Folder 7	Company history, 1983 and undated
Box 62, Folder 8	E.R. Fellows memoriam, 1945
Box 62, Folder 9	Citations and awards for the company, 1942 - 1944
Box 62, Folder 10	Engineering department organizational chart, undated
Box 62, Folder 11	Lists of patents, undated
Box 62, Folder 12	Plant tour materials, undated
Box 62, Folder 13	Press releases, 1983 - 1988
Box 62, Folder 14	Product literature, 1983-1987 and undated

[Return to Table of Contents](#)