

Fellows Gear Shaper Company Records, 1896-1999 (bulk 1915-1970)

OVERVIEW OF THE COLLECTION

Title: Fellows Gear Shaper Company Records

Collection Date(s): 1896-1999 (bulk 1915-1970)

Extent and Forms of Material: 31 cubic feet; (62 boxes, 3 oversize folders)

Creator: Fellows Gear Shaper Company

Abstract: 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.

Repository: Archives Center, National Museum of American History, Smithsonian Institution, Washington, D.C. archivescenter@si.edu 202-633-3270 www.americanhistory.si.edu/archives

Collection Number: AC0856

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

INFORMATION FOR USERS OF THE COLLECTION

Conditions Governing Access: The collection is open for research use.

Physical Access: Researchers must handle unprotected photographs with gloves. Researchers must use reference copies of audio-visual materials. When no reference copy exists, the Archives Center staff will produce reference copies on an "as needed" basis, as resources allow.

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Preferred Citation: [Title and date of item], Fellows Gear Shaper Company Records, Archives Center, National Museum of American History, box number X, folder number XX, digital file number XXXXXXXX

IN-DEPTH INFORMATION ABOUT THE COLLECTION

Administrative/Biographical History: The Fellows Gear Shaper Company was founded in 1896 by Edwin R. Fellows (1865-1945) in Springfield, Vermont. With only one year of high

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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 Content:

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
- 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, contains technical publications copyrighted and published by Fellows Gear Shaper Company.

Series 8, Miscellaneous materials, 1942-1987, 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.

System of Arrangement: This 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

Acquisition Information: 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.

Accruals: The Archives Center continues to add to this collection. In April 2007 Clarence Nichols donated materials and in May 2007, Alice T. Emerson donated materials.

Related Artifacts: The National Museum of American History, Division of the History of Work and Industry has an early machine tool collection with many early gear cutting machines, including an 1899 Fellows gear shaper (E. W. Miller, 2/1/1961, Accession #234649), an 1897 Fellows rack shaper (Arthur J. Seiler, 11/16/1971, Accession #299126), an 1876 Gleason gear cutter (C.A. Miller, 1/26/1966, Accession #264800), and a Brown and Sharpe gear cutter (Henry D. Sharpe, Jr., 9/9/1965, Accession #256357). Additionally the National Museum of American History Library has in its Trade Literature collection a 482 volume collection of Fellows Gear Shaper Company trade catalogs on gears, gear shaping and cutting machinery, and gear shapers, Call Number 047745.

Access Points:

Subject/Topical

Gear-shaping machines

Gear industry

Machine-tool industry

Subject/Name

Emhart Corporation

Goldman Industrial Group

Bourn and Koch, Inc.

Star-Su, Inc.

Colt Manufacturing Company

Form/Genre

Account books
 Administrative records
 Topographic maps
 Sales records
 Minute books
 Business records—20th century
 Business records—19th century
 Photographs—1900-2000
 Financial records

CONTAINER LISTING

Box	Folder	
		Series 1, Executive Records, 1896-1993
1	1	Corporate Documents, 1896-1952
	2	By-laws, 1948 September 22
	3	By-laws, 1948 December 27
	4	Proposed By-laws, undated
	5	By-laws, undated
	6	Certificate of Amendment and Warranty Deed of New Fellows Corporation, 1974
	7	State of Delaware, Certificates of Incorporation, 1987 February 20-1989 October 27
	8	Director's Minute Book, 1954-1974
	9	Annual Reports, 1961-1962
	10	Management Diagnosis by John J. Plocar Company, 1942 September 30
	11	Industry Defense Study, 1953 December
	12	Cutter Heat Transfer Processing Problems, 1983-1987
	13	National Broach & Machine Company Memo; 1952 April 25
2	1-3	Colt Firearms, 1963-1971
	4	License with Nikola Trbojevich, 1931-1934
	5	Contract with Alfred Herbert, Ltd.; 1964 March 12
	6	Consultant Agreement with Frank Antonivich, 1985-1987
	7	Sales Agreement with Stankoimport, USSR; 1986
	8	Sales Agreement with Vneshtekhnika, USSR; 1986
	9	Sales Agreement with Halco, Inc.; 1988-1997
	10	Sales Agreement with Siber Hegner Machinery, Hong Kong; 1989-1993
3-4		Emhart Corporation Acquisition of Fellows Corporation, 1974 (2 vols.)
		Series 2, Financial Records, 1896-1973
		Subseries 1, Corporate Summary Ledgers, 1896-1960
5		Vol. 1, Profits, Sales, 1898-1960
6		Vol. 2, Labor, Marketing, Overhead, Payroll Summary, Repairs, 1912-1960

7		Vol. 3, Bad Debts, Diamonds, Employees, Insurance, Interest, Inventories, 1898-1960
8		Vol. 4, Depreciation, 1896-1960
9		Vol. 5, Development, 1932-1959
10		Vol. 6, Machines and Cutter Record, 1898-1960
11		Vol. 7, Taxes, 1909-1960
12		Vol. 8, Cost of Sales, 1898-1959
13		Engineering, 1930-1960
14		Surplus, Liabilities, Assets, 1898-1960
		Subseries 2, Journals, 1903-1962
15	1	Vol. 2, 1903 May 22-1905 November 18
	2	Vol. 3, 1905 November 18-1907 July 31
	3	Vol. 4, 1907 August 1-1909 May 12
16	1	Vol. 5, 1909 May 13-1912 August 31
	2	Vol. 6, 1912 September 1-1916 December 30
	3	Vol. 7, 1917 January 1-1919 December 21
17	1	Vol. 8, 1919 December 31-1922 June 30
	2	Vol. 9, 1922 July 1-1925 August 31
	3	Vol. 10, 1925 September 1-1928 June 30
18	1	Vol. 11, 1928 June 30-1931 March 31
	2	Vol. 12, 1931 March 31-1934 March 31
	3	Vol. 13, 1934 April 1-1937 March 31
19	1	Vol. 14, 1937 April 1-1939 November 31
	2	Vol. 15, 1939 December 1-1941 November 31
	3	Vol. 16, 1941 December 1-1943 June 30
20	1	Vol. 17, 1943 July 1-1945 June 30
	2	Vol. 18, 1945 June 30-1947 July 31
	3	Vol. 19, 1947 August 1-1949 September 30
21	1	Vol. 20, 1949 September 30-1951 September 30
	2	Vol. 21, 1951 October 1-1953 December 31
	3	Vol. 22, 1953 December 31-1955 December 31
22	1	Vol. 23, 1956 January 1-1957 December 31
	2	Vol. 24, 1957 December 31-1959 December 31
	3	Vol. 25, 1959 December 31-1961 December 30
23	1	Vol. 26, 1961 December 31-1962 December 31
		Subseries 3, General Financial Ledgers, 1918-1963
59		Vol. 1, 1918-1958
60		Vol. 2, 1918-1958
24	1	1961-1963
		Subseries 4, Cash Received/Cash Paid Ledgers, 1896-1919
45		Vol. 1, 1896 September-1904 August 31
46		Vol. 2, 1904 September 1-1908 January 31
47		Vol. 3, 1908 February 1-1909 December 31
25	1	Vol. 4, 1910 January 1-1912 August 31
	2	Vol. 5, 1912 September 1-1914 December 31

	3	Vol. 6, 1915 January 1-1916 September 30
26	1	Vol. 7, 1916 October 1-1917 December 31
	2	Vol. 8, 1918 January 2-1918 December 31
	3	Vol. 9, 1919 January 1-1919 December 31
		Subseries 5, Cash Received Ledgers, 1920-1954
27	1	Vol. 10, 1920 January 1-1922 December 31
	2	Vol. 11, 1923 January 1-1925 December 31
	3	Vol. 12, 1926 January 1-1928 June 20
28	1	Vol. 13, 1928 July 1, 1928-1930 August 31
	2	Vol. 14, 1930 September 1-1934 July 31
	3	Vol. 15, 1934 August 1-1937 March 31
29	1	Vol. 16, 1937 April 1-1939 July 31
	2	Vol. 17, 1939 August 1-1941 June 25
29	3	Vol. 18, 1941 June 25-1942 August 31
30	1	Vol. 19, 1942 September 1-1943 June 30
	2	Vol. 20, 1943 July 1-1944 April 30
	3	Vol. 21, 1944 May 1-1945 March 31
31	1	Vol. 22, 1946 April 1-1946 May 29
	2	Vol. 23, 1946 May 29-1947 January 31
48	1	Vol. 24, 1947 February 1-1948 May 17
	2	Vol. 25, 1948 May 17-1949 September 30
49	1	Vol. 26, 1949 October 1-1950 December 15
	2	Vol. 27, 1950 December 15-1951 October 11
50	1	Vol. 28, 1951 October 11-1952 June 26
	2	Vol. 29, 1952 June 26-1953 March 9
58	1	Vol. 30, 1953 March 16-1953 November 23
	2	Vol. 31, 1953 November 30-1954 September 28
		Subseries 6, Bills Receivable Ledgers, 1910-1962
32	1	1910 February 8-1919 April 23
	2	1919 May 2-1921 September 28
	3	1921 October 11-1927 October 19
	4	1927 March 19-1962 June 18
		Subseries 7, Petty Cash Ledgers, 1910-1951
	5	Vol. 1, 1910 January-1919 December
33	1	Vol. 2, 1920 January-1927 September
	2	Vol. 3, 1927 October-1933 July
	3	Vol. 4, 1933 August-1939 June
34	1	Vol. 5, 1939 July-1943 May
	2	Vol. 6, 1943 June-1946 May
	3	Vol. 7, 1946 June-1951 March
		Subseries 8, Monthly Reports, 1922-1941
35	1	1922-1925
	2	1926-1929
	3	1930-1933
	4	1934-1937

	5	1938-1941
		Subseries 9, Treasurer's Reports, 1898-1960
36	1	1898-1939
	2	1940-1960
		Subseries 10, Financial Statements, 1963-1968
	3	Audited Financial Statement; December 31, 1963
	4	Audited Financial Statement and Other Financial Information, 1967 December 31
	5	Financial Statement (Without Audit), 1968 September 30
	6	Audited Financial Statements, 1968 December 31
	7	Audited Financial Statements and Other Financial Information, 1968 December 31
		Subseries 11, Machine Sales and Finances, 1920-1961
54	1	Machines Purchased, 1920 January-1923 May 1
	2	Machines Purchased, 1923 June-1926 July
	3	Machines Purchased, 1926 July-1931 February
	4	Machines Purchased, 1931 March -1973 December
51		Active Machines Record Book, 1900-1978
52		Inactive Machines Record Book, 1900-1978
53		Inactive Machines Record Book, 1900-1978
37	1	Machine Development Finances, 1960
	2	Machine Development Finances, 1961
		Series 3, Stock Records, 1896-1974
	3	Stockholder Notes, 1896-1912
	4	Minutes of Stockholders, 1954-1974
	5	Stockholder Notes and Correspondence, 1961-1965
	6	Dates of Regular and Special Stockholder Meetings, 1896-1960
	7	Stock Certificates, 1952-1970
		Series 4, Property Records, 1898-1999
55	1	Photographs of Construction of 1969 North Springfield Plant, October 10-December 13, 1968 (59 photographs)
	2	Photographs of Construction of 1969 North Springfield Plant, 1969 January 27-1969 June 6 (71 photographs)
38	1	Insurance Appraisal of Bridge and Clinton Streets Property, 1966 September 22, by MFB Mutual Insurance Company
	2	Insurance Appraisal of No. 12 River Street Property, 1966 September 1966, by MFB Mutual Insurance Company
	3	Insurance Appraisal of Fellows Gear Shaper Company Property, 1970 February 27, by MFB Mutual Insurance Company (2 vols.)
	4	Insurance Appraisal of Fellows Gear Shaper Company Property, 1973 September 7 by MFB Mutual Insurance Company
	5	Opinion of Market Value of Fellows Gear Shaper Company Buildings, by R. M. Bradley & Co., Inc., 1968 April 25
	6	Machine Inventory, 1999 October 27
	7	Abstract of Title of Real Estate by Gilman & Son, Inc. and Other

		Materials, 1916-1940
	8	Copy of Partial Deed, Fellows Gear Shaper Company and North American Bitruder Company, Inc., 1962-1975
	9	Snow-White Inc. Deed, 1952
	10	Vermont Foundries Deed, 1957
	11	Edith L. Davis Deed, 1963
	O/S Folder 1	Survey of Land by L.M. Craigson, September 1898
		Property Survey and Protective Outline Map by L.G. Basso, 1959 April
		Topographic Map of Property, circa 1953
		Plans For Intercepting Sewers and Pumping Stations, 1959 April
		Topographic Maps Regarding Proposed Bridge from Plant to Springfield Shopping Plaza, 1963 September 24 (includes agreement between Fellows Gear Shaper Company and Springfield Realty Corporation)
	O/S Folder 2	Plans of Fellows Corporation Manufacturing Facility, Prepared by Anderson Nichols & Co., Inc. for the 1969 Springfield Plant, 1968 March 18-1968 May 31 (141 plans)
	O/S Folder 3	Maps of Parking Lot Near the Plaza Bridge, 1971 March 10 (2 copies each – Topographic map of Fellows Gear Shaper Company and Topographic map of Building #30 and parking lot)
		Floor Plan of Shop Layout by Department, 1983 January 12
		Fellows Corporation Boundary Survey by David E. Coleman, 1996 May 1
		Topographic Map of Fellows Buildings, 18, 14, 30, 1, and 17, undated
		Survey of Fellows Gear Shaper Property along Pearl Street, undated
		Series 5, Employee Records, 1915-1999
		Subseries 1, General Employee Records, 1915-1987
39	1	Wage Rate Book, 1915-1919
	2	Wage Rate Book, A-K, 1927-1963
	3	Wage Rate Book, L-Z, 1927-1963
	4	Wage Rate Book, A-Z, 1927-1964
	5	Employee Bonus Book, 1916-1944
	6	Employee Earnings Information, 1943-1944
	7	Sales Incentive Plan, 1967-1970
	8	Union Contract, 1969-1987
	9	Note Cards on Employees Killed in World War II, 1920-1962
57	1-2	Company Employee Housing, Mortgage Payment Ledgers, 1920-1921 (2 vols.)
		Subseries 2, Fellows Gear Shaper Foundation, 1954-1977
40	1	Secretary's Report, 1954-1977
	2	Audited Financial Statement, 1967 December 31
	3	Scholarship Information File, 1962-1974
	4	Deborah Anne Wojenski, File, 1969-1974
		Subseries 3, Events, 1948-1970

	5	Company Veteran's Dinner Programs, 1948-1969
	6	Company Veteran's Dinner, 1967 (includes 20 photographs)
	7	Company Veteran's Dinner, 1968
	8	Company Veteran's Dinner, 1969
	9	Company Veteran's Dinner, 1970 (includes 7 photographs)
		Subseries 4, Employee Newsletters, 1943-1999
61	1	<i>Fellows Cutting Stroke</i> , 1999 May 19
	2	<i>Fellows Pitchline</i> , 1967
	3	<i>Fellows Pitchline</i> , 1968
	4	<i>Fellows Pitchline</i> , 1969
	5	<i>Fellows Pitchline</i> , 1970
	6	<i>Fellows Pitchline</i> , 1971
	7	<i>Fellows Pitchline</i> , 1972
	8	<i>Fellows Pitchline</i> , 1980 October
	9	<i>Fellows Pitchline</i> , 1982 Spring
	10	<i>NewShaper</i> , 1943 December
	11	<i>NewShaper</i> , 1944
	12	<i>NewShaper</i> , 1945
	13	<i>NewShaper</i> , 1946
	14	Subseries 5, Employee reminiscences (Alice Marchand Tier Emerson), 1944 and undated
	15	Subseries 6, Photographs, 1976-1977
		Series 6, Pension Plan And Trust Records, 1923-1985
41	1	Trust Agreement and Amendments, 1944 June 30
	2	Masters of Proposed Trust, 1944 July 14
	3	Trust Agreement and Declaration Document, 1944 July 14
	4	Trust Agreement and Declaration Document, 1947 February 19
	5	Pension Plan Document, 1950 September 1
	6	Trust Agreement and Declaration Document, 1952 August 15
	7	Trust Agreement and Declaration Document, 1959 February 18
	8	Trust Agreement and Declaration Document, 1967 March 1
	9	Trust Agreement and Declaration Document, 1967 May 3
	10	Report on Retirement Plan Study by Chase National Bank, 1949
	11	Ellison System Survey of Fellows Gear Shaper Company Pension Plan, 1950
	12	Correspondence, American Mutual Liability Insurance Company, 1944
	13	Correspondence, Larry Ellison, 1961
	14	Correspondence, Employees, 1976-1978
	15	Correspondence, Fiduciary Trust Company, 1944-1952
	16	Correspondence, First National Bank, 1944
	17	Correspondence, Raymond B. Hitchcock, 1972
	18	Correspondence, Internal Revenue Service, 1944-1962
	19	Correspondence, Internal Revenue, Treasury Department, 1946-1955
	20	Correspondence, Morgan & Morgan, 1944
	21	Correspondence, National War Labor Board, 1944

	22	Correspondence, C. M. Peter, 1938-1939 (includes 2 photographs)
	23	Correspondence, Ropes, Gray, Best, Coolidge and Rugg, 1944
	24	Miscellaneous, 1944-1961
56	1	Pension Payment Ledger, 1923 January-1929 September
	2	Pension Payment Ledger, 1929 January-1935 January
42	1-4	Internal Revenue Service, Information Returns, 1951-1954
	5	Audited Financial Statements, 1963 December 31
	6	Audited Financial Statements, 1966 December 31
	7	Audited Financial Statements, 1967 June 30
	8	Audited Financial Statements, 1967 December 31
	9	Audited Financial Statements, 1968 December 31
43	1	Audited Financial Statements, 1969 December 31
	2	Pension List, Active Employees, A thru F, 1959-1979
	3	Pension List, Active Employees, G thru M, 1959-1979
	4	Pension List, Active Employees, N thru Z, 1962-1977
	5	Pension List, Inactive Employees, A thru K, 1951-1978
44	1	Pension List, Inactive Employees, L thru Z, 1952-1978
	2	Deceased Employees, 12 Months Payment, 1961-1979
		Series 7, Publications, 1964-1998, undated
62	1	<i>The Art of Generating with a Reciprocating Tool</i> , 1971
	2	<i>Fellows Shaper Cutters</i> , 1990
	3	<i>Gears</i> , undated
	4	<i>The Internal Gear Design and Application</i> , 1978
	5	<i>The Involute Curve and Involute Gearing</i> , 1964, 1969
	6	<i>Machine, Data, Feeds and Speeds</i> (Chapter 5), 1998
		Series 8, Miscellaneous materials, 1942-1987
	7	Company history, 1983, undated
	8	E.R. Fellows memorial, 1945
	9	Citations and awards for the company, 1942, 1944
	10	Engineering department organizational chart, undated
	11	Lists of patents, undated
	12	Plant tour materials, undated
	13	Press releases, 1983, 1988
	14	Product literature, 1983, 1985, 1987 and undated