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National Museum of American History Kenneth E. Behring Center

Guide to the United Shoe Machinery Corporation Records

NMAH.AC.0277

Craig Orr and Alison Oswald

2012

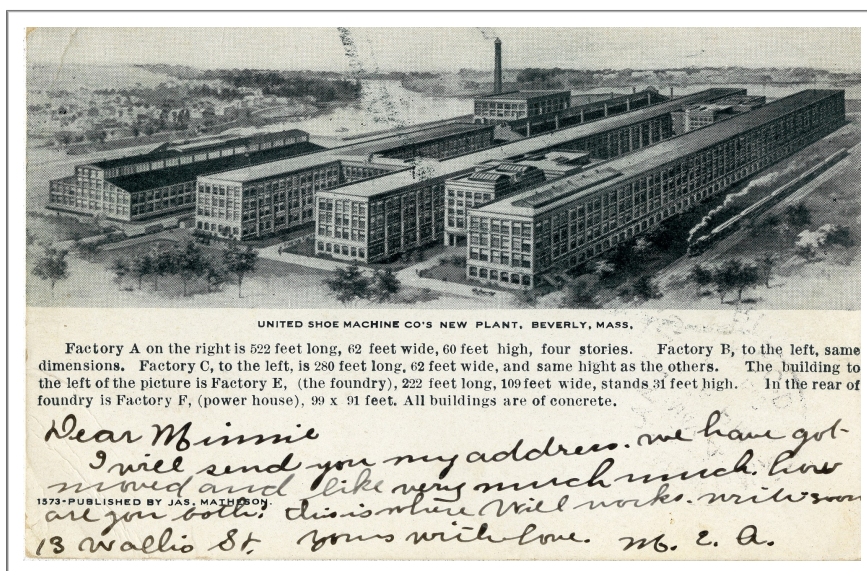


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Collection Overview

Repository:	Archives Center, National Museum of American History
Title:	United Shoe Machinery Corporation Records
Date:	1898 - 1987
Identifier:	NMAH.AC.0277
Creator:	United Shoe Machinery Corporation (Creator)
Extent:	145 Cubic feet (296 boxes)
Language:	Collection is in English. Some materials in French, German, and Spanish.
Summary:	The collection documents the activities of the United Shoe Machinery Corporation of Beverly, Massachusetts, manufacturers of shoe machinery equipment. The collection consists of engineering records, legal records, research and development records, employee/personnel records, correspondence, company catalogs, product literature, advertising materials, photographs, and moving images.

Administrative Information

Acquisition Information

The collection was donated by United Shoe Machinery Corporation, through Kevin Cochrane on November 20, 1987.

Separated Materials

Materials at National Museum of American History

The Division of Work and Industry holds artifacts related to the United Shoe Machinery Corporation. Some artifacts include a drafting table (1989.0259.349), tool chest (1989.0259.348), and molds for shoes, shoe heels, shoe welts, threads, needles, awls, and show wax.

Related Materials

Materials at Other Organizations

Lynn Historical Society & Museum, Lynn, Massachusetts

Lynn, Massachusetts businesses collection, 1888-1991

Small volumes and pamphlets of shoe and shoe-related industry businesses in Lynn, Massachusetts, including miscellaneous articles and histories on the shoe industry in Lynn, manuals, catalogs, broadsides, patents, handbooks, patterns, price lists, brochures, and legal materials. Businesses represented include Beaudry Machine Company, Beckman Machine Company, Bresnahan Shoe Machinery Company, George W. Emerson & Company, Hamel Shoe Machinery Company, Gregory & Read Co., David Knox & Sons Machinery Company, Krippendorf Calculator Company (manufacturers of a mechanical device to compute pattern values), Peerless Machinery Company, Quarmby & Hilliker,

Machine Builders, Swain, Fuller Manufacturing Company, W.J. Young Machinery Company, and George J. Kelly, Inc. (maker of shoe polish).

United Shoe Machinery Company Records, 1915-1974

Materials assembled by Edward F. McCarthy, director of USM research, including notebooks, diagrams, manuals, brochures, catalogs, code sheets, flow charts, price lists, handbooks, lectures, directories, lexicons, catalogs of other firms, personal notebooks on shoe construction (1927-1931), factory visits to other shoe companies, and production of leading manufacturers (1939-1960), and floor directory of the plant; ledgers listing machines shipped and returned from the Lynn and Puerto Rico plants (nine volumes, 1935-1974); and machine development materials, including patents, chiefly those of Edward Quinn.

Peabody Essex Museum (PEM) Salem, Massachusetts

An accession in 1987 of institutional archives, includes publications, photographs, advertisements, lectures, scrapbook of shoes made for United Shoe Machinery Corporation of Beverly, Massachusetts, shoes from which are in the collection of the Peabody Essex Museum (87020).

Beverly Historical Society, Beverly, Massachusetts

The United Shoe and Machinery Company Collection contains a large quantity of the company's patents, most of which pertain to the production and manufacture of shoes. Additionally there are patents for golf balls, nail guns, and magnetic closures. The majority of the remaining materials are Quarter Century Club documents ranging from financial and membership records, to pictures and other ephemera. The remainder of the collection consists of miscellaneous objects including sample knives and knife parts from the Booth Brothers Company.

University of Connecticut, Dodd Center

Emhart Corporation Records, undated, 1883-1989

Emhart Corporation was a multinational company located in Farmington, Connecticut. Prior to its 1989 merger with Black & Decker, Emhart operated in over one hundred countries with a worldwide work force of 30,000 employees. Emhart's products included machines for the manufacture of glass bottles and shoes; filling, sealing and packaging machinery; security systems; electronics; chemical products; metal fasteners; rubber processing equipment; and consumer and do-it-yourself products. Brand name products included True Temper® hardware and sporting goods, and Price Pfister® plumbing fixtures. Emhart's domestic roots went back to the American Hardware Company, founded in New Britain, Connecticut, in 1902.

Beverly Public Schools (Beverly, Massachusetts)

Beverly Public Schools/Beverly trade school records, 1909-1995

Materials relating to the establishment and operation of the Beverly trade schools, including trustee minutes, annual reports, curriculum journals, correspondence, photographs, programs and ephemera, and calendars.

Cornell University, Division of Rare and Manuscript Collections

[United Shoe Machinery Corporation publications], 1911-1913

Harvard University, Baker Library

[United Shoe Machinery Company, of New Jersey, et al. court proceedings], 1911-1917

United Shoe buildings and properties

[The Cummings Properties](#) now owns and leases "the Shoe."

Available Formats

A digital access copy for "Shoes on the Move" available in the Smithsonian Digital Asset Management System (DAMS). Do not use physical VHS or Betacam SP copies.

Processing Information

A portion of the collection was processed by Craig A. Orr, 1987; revised by Alison Oswald, archivist, 2012-2013; processing of glass plate negatives completed by Vanessa Broussard-Simmons, archivist; Alison Oswald, archivist; Franklin Robinson, archives technician; Joe Hursey, archivist; David Peterson, volunteer; and Anne Jones, volunteer.

Trade literature documenting the United States shoe industry was transferred to the Smithsonian Institution Libraries, National Museum of American History Branch in January 2001.

The finding aid was authored by Craig A. Orr and Alison Oswald.

Preferred Citation

United Shoe Machinery Corporation Records, Archives Center, National Museum of American History.

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.

Gloves must be worn when handling unprotected photographs and negatives. Special arrangements required to view materials in cold storage and audio visual materials. Using cold room materials requires a three hour waiting period, reference copies do not exist for audio visual materials. Arrangements must be made with the Archives Center staff two weeks prior to a scheduled research visit. Contact the Archives Center at 202-633-3270.

Conditions Governing Use

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

Accruals

Five (5) cubic feet of archival materials from Carlene Durgin were added on September 7, 1993. The Durgin donation consists of United Shoe Machinery Corporation records that belonged to W. Clark Goodchild. Eleven (11) cubic feet from Emhart Industries, Inc. was donated through Bruce Paul, site manager, November 9, 1993.

Biographical / Historical

The United Shoe Machinery Company was formed in 1899 by the consolidation of the most important shoe machinery firms in the industry: Goodyear Shoe Machinery Company; Consolidated McKay Lasting Machine Company; and McKay Shoe Machinery Company. By this merger, conflicting patents were eliminated and patents supplementing each other were brought under United control to permit their prompt combination in a single machine or process. To ensure efficiency, the new company also continued the practice previously followed by its constituent firms of renting machinery that it manufactured instead of selling it. The authorized capital of the new company was twenty five million dollars. After the 1899 merger, United grew quite rapidly. In 1903, it began construction of a new factory in Beverly, Massachusetts about thirty-five miles from Boston. At its peak, this company employed 9,000 workers and produced eighty-five percent of all shoemaking machines in the United States. By 1910, it had an eighty percent share of the shoe machinery market with assets reaching forty million dollars, and it had acquired control of branch companies in foreign countries.

In 1911, the first of three civil anti-trust suits was brought against United by the United States government. It charged that the 1899 merger had restrained trade and violated the Sherman Act. The Massachusetts District Court ruled that the 1899 merger was not an attempt to restrain trade, only an attempt to promote efficiency. The court also said that the five companies that were merged to form United were not competitive with each other. The government appealed to the Supreme Court, which only affirmed the District Court's verdict.

In 1917, the United Shoe Machinery Corporation, incorporated in 1905, absorbed the United Shoe Machinery Company. The United Shoe Machinery Corporation had its headquarters in Boston and its main manufacturing plant in Beverly, Massachusetts.

The second government suit was brought against United Shoe in 1915. The government claimed that United Shoe's leasing system restricted the shoe manufacturer to exclusive use of United Shoe's products and that it was a violation of the newly enacted Clayton Act. The Massachusetts District Court ruled in favor of the government. The Supreme Court, hearing United Shoe's appeal case, only affirmed the District Court's ruling. In 1923, United modified its leasing policy.

The last government suit against United was filed in 1947 and charged United with monopolizing the trade, manufacture, and distribution of shoe machinery from 1923 to 1947. During this period, United had bought all shares, assets, and patents of twenty one companies that dealt in the shoe machinery manufacture. The court ruled that United had clearly violated the Sherman Act, and United was forced to modify its leasing policies and restrict its purchases of other shoe machinery businesses and its acquisition of patents. In 1968, the United Shoe Machinery Corporation changed its name to USM Corporation. In 1976, United Shoe Machinery Company merged with Emhart Industries and produced the modern-day Emhart Corporation.

In 1989, in order to resist a two billion dollar takeover attempt by a New York investment group (which included oil heir Gordon P. Getty), Emhart merged with Black & Decker Corporation. The merged company operates from Black & Decker's headquarters in Towson, Maryland. The company headquarters in Farmington, Connecticut, were closed in June 1989.

Scope and Contents

This collection is among the largest and most complete bodies of business records in the holdings of the Archives Center. The records document in considerable detail the firm's engineering department and research and development efforts in shoe making machinery and in related technical areas, especially during World War II and as it attempted to diversify its activities after the war. There is detailed information, much of it on microfilm, about the leasing of United Shoe Machinery (USM) machines. The records also provide insight into the USM's culture of corporate paternalism, including its athletic and relief associations and its industrial school. The collection is rich in visual materials depicting both the machines made by the firm and the employees and the facilities.

Arrangement

The collection is arranged into seventeen series.

Series 1: Historical and Background Materials, 1901-1985

Series 2: Executive Records, 1927-1987

Subseries 2.1: United Shoe Machinery, 1927-1975

Subseries 2.2: Emhart Corporation, 1976-1987

Series 3: Correspondence, 1890, 1901-1915

Series 4: Wilson Palmer Files, 1925-1952

Series 5: Research and Development Department Records, 1914-1980

Subseries 5.1: Background, 1947-1974
Subseries 5.2: Financial Information, 1947-1975
Subseries 5.3: Reports, 1962-1973
Subseries 5.4: Facilities, 1947-1975
Subseries 5.5: Personnel, 1942-1979
Subseries 5.6: Labor, 1961-1970
Subseries 5.7: Subject Files, 1943-1977
Subseries 5.8: Project Files, 1914-1968
Subseries 5.9: New Development (ND) Project Files, 1924-1970
Subseries 5.10: Experimental (EX) Project Files, 1931-1938
Subseries 5.11: Automatic Controls Project, 1939-1979
Subseries 5.12: Baseball Stitching Machine Projects, 1949-1973
Subseries 5.13: Component Inserting Projects, 1954-1960
Subseries 5.14: Automatic Control Research Notebooks, 1939-1976
Subseries 5.15: Baseball Stitching Machine Research Notebooks, 1942-1956
Subseries 5.16: Component Inserting Research Notebooks, 1956-1965
Subseries 5.17: General Research Notebooks, 1939-1968

Series 6: Legal Records, 1900-1968

Subseries 6.1: Court Exhibits for Machine History, 1910-1951 (bulk 1948-1950)
Subseries 6.2: Leases, Cancellation Letters, Shipments, and Transfers (Microfilm), 1900-1958
Subseries 6.3: Patent Search, 1949

Series 7: Engineering Records, 1904-1979

Series 8: Employee/Personnel Materials, 1908-1981

Series 9: Mutual Relief Association Incorporated, 1902-1951

Series 10: Athletic Association, 1929-1962

Series 11: Industrial School Records, 1909-1938

Subseries 11.1: English for American Citizenship (Industrial Series), 1912, 1919-1921
Subseries 11.2: English for American Citizenship (Intermediate Series), 1921
Subseries 11.3: Text Books, 1909-1938

Series 12: Northwestern University Students' Cooperative Work, 1951-1960

Series 13: Aberthaw Construction Company Records, 1918-1920

Subseries 13.1: Correspondence, 1918-1919
Subseries 13.2: Reports, 1919-1921
Subseries 13.3: Purchase Orders, 1919-1920
Subseries 13.4: Receiving Records, 1919-1920

Series 14: Publications, 1898-1987

Subseries 14.1: United Shoe Machinery Corporation Catalogs, circa 1899-1961

Subseries 14.2: *Beverly Today*, 1979-1985
Subseries 14.3: *Machinery Division Newsletter*, 1969-1970
Subseries 14.4: *The Three Partners*, 1914-1920
Subseries 14.5: *USM Today*, 1968-1976
Subseries 14.6: *Quarter Century Club News*, 1977-1987
Subseries 14.7: H.E. Smith & Company Catalogs, 1898-1930

Series 15: Product Literature, 1952-1979

Series 16: Advertising and Marketing Materials, 1902-1981

Series 17: Photographs, 1907-1960s

Subseries 17.1: Employees, 1907-1981
Subseries 17.2: Equipment/Products, 1961-1972
Subseries 17.3: Factories/Buildings, 1920s-1960s
Subseries 17.4: Trade Shows, 1954, 1968-1973
Subseries 17.5: Miscellaneous, undated
Subseries 17.6: Postcards, 1906-1938
Subseries 17.7: Prints from Glass Plate Negatives, undated
Subseries 17.8: Albums, 1915-1950s
Subseries 17.9: Film Negatives, 1956-1958
Subseries 17.10: Glass Plate Negatives, 1915-1923

Series 18: Audio-Visual Materials, 1934-1972

Bibliography

Aberthaw, A Quarter Century of Fulfilment, 1894-1919. Boston: Aberthaw Construction Company, 1919.
Bloomfield, Meyer. *Labor and Compensation, Volume 7, Factory Management Course*. New York: Industrial Extension Institute, 1918.
Bulletin of the Public Library of the City of Boston, Fourth Series, Volume II, Number 1, January-March 1920.
Cummings Properties homepage <http://www.cummings.com/history.html> (last accessed November 29, 2012)
Dreir, Thomas B. *The Three Partners*, [Boston, Barta Press, 1911?].
Primaryresearch.org, a web presence of a number of projects involving secondary school students and local history for Beverly, Massachusetts) http://www.primaryresearch.org/pr/index.php?option=com_content&view=frontpage&Itemid=300001 (last accessed November 28, 2012)

Names and Subject Terms

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

Subjects:

Baseball

Industrial history
Industrial workers
Photography, Industrial
Shoe machinery industry
Tanners

Types of Materials:

16mm motion picture film
Advertisements -- 20th century
Albums
Business records -- 20th century
Catalogs
Clippings -- 20th century
Commercial catalogs
House organs
Legal records
Magazines (periodicals) -- 20th century
Motion pictures (visual works) -- 20th century
Papers
Photographs -- 20th century
Photographs -- Black-and-white negatives -- Acetate film -- 1900-1950
Photographs -- Black-and-white negatives -- Glass -- 1900-1950
Photographs -- Black-and-white photoprints -- Silver gelatin -- 19th-20th century
Research -- 20th century
Scrapbooks

Names:

Emhart Corporation.

Places:

Beverly (Mass.)
Massachusetts
New England

Container Listing

Series 1: Historical Background Materials, 1901 - 1985

Scope and Contents: This series consists primarily of printed publications describing the activities of United Shoe Machinery Corporation as well as the shoe industry. Also included is documentation about past presidents for United Shoe such as clippings, photographs, and lists of names, and photocopies of printed materials about Jan E. Matzeliger (1852-1889), a shoemaker's apprentice from Dutch Guiana. Matzeliger patented a lasting machine for shoemaking in 1891 (US Patent 274,207) which was ultimately used by the Consolidated Hand Method Lasting Machine Company. Consolidated Hand Method Lasting Machine Company merged with Goodyear Machinery Company and the McKay Shoe Company to become United Shoe Machinery Company.

Box 151, Folder 1	USMC presidents, 1923, undated
Box 151, Folder 2-4	Jan Earnest Matzeliger materials
Box 151, Folder 5	How Shoes Are Made Today (Pan American Exposition), 1901
Box 151, Folder 6	Goodyear Welt Shoes and How They Are Made Today, 1911, 1923
Box 151, Folder 7	An Industrial City, 1911
Box 151, Folder 8	L'Histoire de Trois Associes(The Story of the Three Partners) , 1911
Box 151, Folder 8	<p>Industrial School [images, pp. 20 & 22 of The Story of the Three Partners [booklet], 1911 1 Item (Ink on paper.; 7.5" x 9.3") Image(s) Image(s)</p> <p>Collector: United Shoe Machinery Corporation Language: English. Notes: AC0277-0000008 (AC Scan) AC0277-0000009 (AC Scan)</p> <p>Topic: Trade schools Shoe machinery</p> <p>Genre/Form: Photographs -- 1910-1920 -- Reproductions Booklets</p>
Box 151, Folder 9	USMC/USMAA (general history), 1913
Box 151, Folder 10	The Book of Boston, Fifty Years' Recollections of New England Metropolis, 1916
Box 151, Folder 11	German United Shoe Machinery Company, 1901-1925 (history in German), 1925
Box 151, Folder 12	How Modern Shoes Are Made, 1936

Box 151, Folder 13	The USMC Parts System, 1953
Box 151, Folder 14	How Modern Shoes Are Made, 1954
Box 151, Folder 15	Tell and Sell, 1956
Box 151, Folder 16	How American Shoes Are Made, 1960 - 1961
Box 175, Folder 1	USM Fieldtrip/Financial Analysis 21st Annual conference (includes USM history), 1968
Box 151, Folder 17	Toward Products for the 21st Century, [1960s?]
Box 152, Folder 1	USM and the Footwear Industry, early 1970s
Box 152, Folder 2	USM 75th Anniversary, 1974
Box 152, Folder 3	O'Gorman, Gaynor. USM History, Volume 1, (pages 1-192), circa 1965
Box 152, Folder 4	O'Gorman, Gaynor. USM History, Volume 1, (pages 193-374), circa 1965
Box 152, Folder 5	O'Gorman, Gaynor. USM History, Volume 2, (pages 375-632), circa 1965
Box 152, Folder 6	O'Gorman, Gaynor. USM History, Volume 2, (pages 633-759), circa 1965
Box 152, Folder 7	USM history (bibliography), circa 1965
Box 152, Folder 8	Turner, an Emhart unit, Oberursel, Germany (history), 1979
Box 152, Folder 9	History of USM, 1899-1985, 1985
Box 153, Folder 1	USM, Where the action is!, undated
Box 153, Folder 2	"Visit to some European shoe and leather museums," American Footwear Research Institute, undated
Box 153, Folder 3	A Short History of American Shoemaking, undated
Box 153, Folder 4	United Facts and Facilities, undated
Box 153, Folder 5	Historical Survey of Shoemaking, 1931 - 1933

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Series 2: Executive Records, 1927 - 1987

Scope and Contents: This series consists of annual reports and stockholder leaflets and is divided into two subseries: Subseries 2.1: United Shoe Machinery, 1927-1975 and Subseries 2.2: Emhart Corporation, 1976-1984.

Subseries 2.1: United Shoe Machinery, 1927-1975, consists of stockholder leaflets, annual reports, directors meetings and operational reports. The stockholder leaflets were created in 1927 to keep the stockholders informed about the "nature, variety, and scope of business" of the corporation. Some leaflets cover a wide range of topics such as lasting machines, sewing machines, shoe making, and buildings. The annual reports were published by United Shoe Machinery and are arranged chronologically. Additional annual reports for 1914-1915 and 1917-1918 can be found within the D. S. Knowlton Scrapbooks in Series 16: Advertising and Marketing Materials.

Subseries 2.2: Annual Reports of Emhart, 1976-1984, consists of annual reports published by Emhart and arranged chronologically, a report to stockholders and an *Analyst Up-Date*, 1977 that provided a status report for the progress made by the company.

Subseries 2.1: United Shoe Machinery, 1927 - 1975

Box 153, Folder 6	USM Stockholder Leaflets, 1927 - 1930
	Annual Reports of USM, 1955 - 1975
Box 153, Folder 7	Annual reports, 1951 - 1952, 1954
Box 153, Folder 8	Annual reports, 1955 - 1959
Box 153, Folder 9	Annual reports, 1960 - 1965
Box 153, Folder 10	Annual reports, 1969, 1967
Box 154, Folder 1	Annual reports, 1970 - 1972
Box 154, Folder 2	Annual reports, 1973 - 1975
Box 154, Folder 3	Directors Meeting (USM examines their role in the footwear industry), 1974
Box 154, Folder 4	USM operational report to employees, 1975

Subseries 2.2: Emhart, 1976 - 1987

	Annual Reports of Emhart, 1976 - 1987
Box 154, Folder 5	Annual reports, 1976 - 1979
Box 154, Folder 6	Annual reports, 1980 - 1983

Box 154, Folder 7	Annual reports, 1984, 1986 - 1987
Box 154, Folder 8	Report to Shareholders, 1983 - 1984
Box 154, Folder 9	Analyst Up-Date, 1977

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Series 3: Correspondence, 1890, 1901 - 1915

Scope and Contents: The correspondence series consists of documentation of L.D. Webber, 1890, and circular letters from various departments with United Shoe.

The correspondence of L.D. Webber, 1890, consists of two handwritten letters, one from John S. [Edmund?], Secretary of Pratt and Read Company to L.D. Webber of United Shoe Machinery.

The circular letters were created by several different departments at United Shoe Machinery's offices in Boston, but most originated in the Treasurer's office. They are typescript and were sent to the company's subsidiaries, such as the United Fast Color Eyelet Company, United Shoe Machinery Corporation of Canada, and the United Awl & Needle Company, and probably to lessees of United Shoe machines as well. The circulars generally deal with the introduction of new machines, offers of used machines for sale, notices that United Shoe will be attending trade shows, and cover letters accompanying samples of new products.

Box 1, Folder 1A	L.D. Webber, 1890 May
Box 1, Folder 2	Circular letters, 1901 August 3-1908 December 28
Box 1, Folder 3	Circular letters, 1909 January 4-1915 October 1

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Series 4: Wilson Palmer Files, 1925 - 1952

Scope and Contents: This series consists of the correspondence files of Wilson Palmer, one of United Shoe Machinery's key executives. He served as Assistant to the General Superintendent at the Beverly Factory beginning in 1932, Secretary/Treasurer of the Athletic Association beginning in 1933, General Superintendent of the Beverly Factory in 1940, and as President of the Mutual Relief Association.

He retired as a Vice President of the company in the 1950s. These files deal primarily with operations and accidents at the Beverly Factory, the Athletic Association, defense work, the Mutual Relief Association, and the Turner Tanning Machinery Company. The files are arranged alphabetically by topic within the series.

The general correspondence file consists mainly of notices regarding the operation of the Beverly factory. These include lists of foremen, notices of appointments, instructions to foremen, efficiency reports, and accident reports. The file reflects the company's concern for its workers and the facilities available at the factory for their benefit. Examples of this "corporate paternalism" include the provision of safety shoes and goggles, a gas station for employee use on the grounds, sale of coal to employees at a discount, advice on handling one's financial affairs, and health bulletins. The accident material includes data used in the preparation of accident charts, an oversize chart of safety tips, and several oversize charts of time lost due to accidents from 1928-1936.

The files on the Athletic Association are primarily routine correspondence regarding accounting matters, insurance, agreements, the golf course, various social events held at the clubhouse, and letters of acknowledgement. Also dealt with are investments made on behalf of the Association, settlement of a lawsuit to which the Association was a party, and financial statements regarding the "Sam Sam," an annual athletic event for employees. Of special interest are several Bulletins of the USMC Athletic Association of Spain from 1932-1933. Included in this series are Confidential Reports, 1938 -1941, which are summary reports of production at the Beverly factory addressed to Vice President H. S. Hubbell. These detail numbers of machines and parts manufactured and shipped, manufacturing profit, depreciated assets, and return on capital investment.

The files dealing with defense work date from 1940-1952. These deal with the company's involvement in the production of defense related mechanisms, such as fuse assemblies, recoilless rifles, the Mark 50 mine, and gun turrets. The focus is on industrial mobilization planning and procedures for procurement of equipment for the U.S. military. In addition, there is a file on the training program at the Beverly factory conducted in cooperation with the G.I. Bill in 1945. Files on the Mutual Relief Association, 1939-1951, include a general file containing annual financial statements, lists of committee members, and details of United Shoe's policy on contributing to the Relief Association. Other files deal with revision of the by laws, union circulars, circa 1944, dissolution of the Association, and its replacement with a group insurance plan. Other files provide information on pattern die manufacture and sales, the development and sale of a complete shoe repair outfit, and the manufacture of cutting blades by the Turner Tanning Machinery Company, a subsidiary acquired by USMC in the 1920s.

Box 2, Folder 1	General correspondence, 1925 - 1929
Box 2, Folder 2	General correspondence, 1929 - 1930
Box 2, Folder 3	General correspondence, 1931 - 1933
Box 2, Folder 4	Accidents, Beverly Factory, 1927 - 1936

Box 2, Folder 5	United Shoe Machinery Corporation Athletic Association, 1929 - 1937
Box 2, Folder 6	United Shoe Machinery Corporation Athletic Association of Spain, 1932 - 1933
Box 2, Folder 7	Confidential reports, 1938 - 1940
Box 3, Folder 1	United States defense work, general, 1940 - 1952
Box 3, Folder 2	United States defense work, industrial mobilization planning, 1948 - 1951
Box 3, Folder 3	United States defense work, Mark 50 mine, 1950 - 1951
Box 3, Folder 4	Government Issue (G.I) Training, 1945
Box 3, Folder 5	Mutual Relief Association, general, 1939 - 1951
Box 3, Folder 6	Mutual Relief Association, by laws and dissolution, 1944 - 1951
Box 3, Folder 7	Mutual Relief Association, group insurance proposals, 1943 - 1951
Box 3, Folder 8	Mutual Relief Association, union circulars, circa 1944
Box 3, Folder 9	Pattern die manufacture and sales, 1932 - 1936
Box 3, Folder 10	Shoe repair, 1938 - 1940
Box 3, Folder 11	Turner Tanning Machinery Company, blade manufacturing, 1938 - 1950
Box 3, Folder 12	Turner Tanning Machinery Company, blade shipments, 1945 - 1946
Box 3, Folder 13	Turner Tanning Machinery Company, reports on blades, 1946 - 1947
Box 177, Folder 1	Accident chart, Beverly Factory, 1928 - 1936
Box 177, Folder 1	Safety Do's and Don'ts chart, circa 1928
Box 177, Folder 2	Accident chart, Die Plant, 1934 - 1940
Box 177, Folder 2	Accident charts, United Last Company, 1938 - 1940

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Series 5: Research and Development Department Records, 1914 - 1980

Scope and Contents: This series is divided into seventeen subseries and documents the research and development aspects of United Shoe Machinery. One of the largest series, it spans from 1913 to 1980 and includes progress reports on various projects, correspondence, photographs, and research notebooks. There is also information on personnel, training, and the shoe machinery industry.

Subseries 5.1: Background Materials, 1947 - 1974

Scope and Contents: This subseries consists of documentation that provides an overview of the activities of the Research and Development Department. The Research and Development Department included activities carried out by persons trained formally or by experience in the physical sciences or related engineering fields. Primarily through memoranda, the department's goals, objectives, functions (for example, committee work), responsibilities and working definitions are communicated. The files also include a publicity kit from 1967 for a tour of the Research and Development laboratories emphasizing the various techniques utilized in machine design and product development.

Box 20, Folder 1A	USMC Research and Development Division (overview), circa 1950s
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Box 20, Folder 1B	Memoranda, 1949 - 1968
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Box 20, Folder 1	Definitions, 1961 - 1968
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Box 20, Folder 2	Goals and objectives, 1956 - 1974
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Box 20, Folder 3	Research Policy Committee, 1961 - 1964
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Box 21, Folder 5	Project management, 1962 - 1964, 1973, 1947
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Box 175, Folder 2	Publicity kit for development laboratories, 1967 November
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Subseries 5.2: Financial Information, 1947 - 1975

Scope and Contents: This subseries consists of memoranda, correspondence, published articles, internal reports and line item data (profit forecast) for budget-related issues for the Research and Development Department. A technical audit of the Research and Development Department was conducted in 1961 by Arthur D. Little, Inc., to analyze the department for organization, leadership in technical efforts, capacity to produce effectively, and capacity of the company to implement a sound technical program.

Box 21, Folder 2	Budget and costs, 1947, 1962 - 1971, 1957 - 1958
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Box 21, Folder 3	Budget and costs, 1972 - 1975
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Box 21, Folder 4	Audits and analysis, 1960 - 1961, 1971
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Subseries 5.3: Reports, 1962 - 1973

Scope and Contents: This subseries consists of reports for the Research Division. The accomplishment reports detail for the fiscal year what a division completed as well as pointing out problem areas. The reports are arranged chronologically. The quarterly progress reports document certain aspects of a divisions work. These reports are written in a memoranda style and are arranged chronologically. The office reports contain one report from November 4, 1957 about the potential use of data by the Program Department. Also included in the file is a memoranda about writing a report and what should be contained within it. The status reports contain specific information about experimental projects. For example, the specifics of EX 19068-EVKQ, the automatic folding machine, are briefly described, providing the reader with an overview. The status reports are arranged chronologically.

Box 20, Folder 4	Accomplishment reports, 1967 - 1969
Box 20, Folder 5	Accomplishment reports, 1970 - 1973
Box 20, Folder 6	Quarterly progress reports, 1967 - 1968
Box 20, Folder 7	Office reports and memoranda, 1967 - 1968
Box 20, Folder 8	Status reports, 1962 - 1964
Box 21, Folder 1	Status reports, 1964 July-1965 October

Subseries 5.4: Facilities, 1947 - 1971

Scope and Contents: This subseries consists of documentation about physical property at United Shoe and the policies and procedures for that property. Some files detail aspects of tours conducted at United Shoe Machinery facilities as well as the tours of other manufacturers. For example, United Shoe staff visited other organizations to learn more about research and development philosophies. The building and facilities file contains organizational charts, a menu from the Beverly Factory cafeteria (1961 and 1969); notices about moving offices; memoranda about using excess space; charts with square footage calculations; blueprints; evaluation of alternate sites; and other notes related to space planning issues.

The file relating to equipment includes inventories of specialized equipment for use by the Research Division and a 1955 report on *Facilities and Instruments Available in the Research Division*.

The disaster planning materials contain photocopies of articles and memoranda about the development of emergency procedures, especially fall-out shelters, the threat of nuclear attack, and the use of microfilming of all experimental drawings for machines and their storage. In 1962, the Research Division formed the Records Protection Committee to discuss microfilming efforts, the backlog of material to be microfilmed and future accruals. A 1961 *Disaster Plan Outline* details the Research Divisions action plan.

The security materials consist of memoranda, photocopies of articles documenting security procedures for incoming documents, particularly for classified government contract work undertaken by United Shoe. A copy of the *Industrial Security Manual for Safeguarding Classified Information*, Department of Defense, 1960 and 1961 is in the file as well as United Shoe's *Standard Practice Procedures for Security Control at the Beverly Research Division*, 1965. Other security issues relate to master keys for offices, doors to machine rooms, and the loss of equipment through theft. A May 1970 memoranda details new security procedures to be implemented, including new

identification cards. Of note is a September 1960 Industrial Security Letter about "Industrial Security and Soviet Espionage."

The parking materials include a 1948 memoranda about easing traffic problems in the Research Division parking lot, with a map.

The computer services documentation consists of memoranda, notes, and correspondence about the use of IBM computers in the Research Division with scientific software.

Box 21, Folder 6 Tours of other facilities, 1961 - 1962, 1947, 1969

Box 21, Folder 7 Facilities and buildings, 1975, 1967 - 1970

Box 21, Folder 8 Equipment inventory, 1955, 1947, 1974, 1969

Box 21, Folder 9 Disaster planning, 1960 - 1969

Box 22, Folder 1 Facilities security, 1960 - 1970

Box 22, Folder 2 Facilities parking, 1948

Box 22, Folder 3 Facilities, computer services, 1968 - 1970

Box 22, Folder 4 Computer utilization, 1971

Subseries 5.5: Personnel, 1942 - 1979

Scope and Contents: This subseries consists of position/job descriptions, announcements and evaluations for specific employees, organizational charts, lists of employees, compensation and benefits, insurance, reports, correspondence, printed materials and memoranda related to employee and management matters.

Also included are employee identification cards, training and safety materials. The training materials include memoranda for specific training, such as basic chemistry and manuals. A 1957 orientation workbook, *U.S.M.C. Organization: United in Action* was given to all employees in the Research Division.

The safety materials document the division's Safety Committee, which was responsible for the compliance of safety codes and regulations. Materials include memoranda, meeting minutes, a Safety Committee Manual (1962), and information about the Occupational Safety and Health Act of 1970.

The management and personnel materials include notes, memoranda, and reports. United Shoe created a group called the "Little Leaguers" in the 1950s. Made up of personnel primarily from the Development Department, the group discussed various personnel-related issues and focused on communicating corporation policies, projects, events, and news among top research management and all other personnel. There are some informational sheets such as "R&D Management: A Study of Supervisor-Subordinate Interpersonal Relations and Securing Satisfactory Performance From Your Staff," prepared for managers as well as documentation on the corporation's use of the PERT computer program for project management.

There is extensive documentation about the corporate management visit to the Research Division in 1972 and a 1970 progress report by Choice Phillips, Jr., about the involvement of a minority (specifically African American) business operation and/or entrepreneurial venture with United

Shoe. A proposal from David M. Nero of Nero Industries Incorporated, 1969 is also included and addresses training opportunities for minorities in Portland, Oregon. Additionally, there are materials about Earl Nightingale (1921-1989). Known as the "Dean of Personal Development," he was a motivational speaker and counselor to many major companies about management training. Nightingale created "Creative Thinking," "Lead the Field" and "Great Ideas" counseling sessions on 33 1/3 LP 7" records. Product literature about his counseling services and a speech "On Motivating the Disadvantaged Child" (1966), is available. Printed materials for the Success Motivation Institute, Inc. founded by Paul Meyer are also included as well as a 33 1/3 LP record, 1965.

Box 22, Folder 5	Personnel, job descriptions, announcements and evaluations, 1944
Box 22, Folder 6	Personnel, job descriptions, announcements and evaluations, 1969 - 1979
Box 22, Folder 7	Personnel, employee identification cards, 1942
Box 22, Folder 8	Personnel, compensation and benefits, 1947, 1973 - 1975, 1963
Box 22, Folder 9	Personnel, training, 1946, 1957, 1959, 1964 - 1965
Box 22, Folder 10	Personnel safety, 1961 - 1973, 1947
Box 23, Folder 1	Personnel, management development, 1957 - 1958
Box 23, Folder 2	Personnel, management development, 1962 - 1972
Box 23, Folder 3	Personnel, management program review and evaluation technique, 1962
Box 23, Folder 4	Personnel, corporate management review, 1973, 1970
Box 23, Folder 5	Personnel, corporate management review, 1972
Box 23, Folder 6	Personnel, black ventures, 1969 - 1970
Box 23, Folder 7	Personnel, Earl Nightingale Success Motivation Institute, Inc., 1965 - 1966

Subseries 5.6: Labor, 1961 - 1970

Scope and Contents: This subseries includes an agreement between United Shoe and the United Electrical, Radio and Machine Workers of America, Local No. 271 (1961), a notice (1970), and one newsletter, the *Blue Sheet* (1970) as well as strike-related materials. The strike materials relate to the 1969 strike by United Electrical, Radio and Machine workers of America, Local No. 271 for unfair labor practice. The documentation consists of a newspaper article, news releases, memoranda, the *Picket Bulletin*, and a button, "I Support The Union's Contract Demands, U.E. 271." The memoranda detail issues such as lost wages, flat tires for crossing the picket line, and liability issues.

Box 23, Folder 8	Union, 1961, 1970
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Box 23, Folder 9 Strike, 1969

Subseries 5.7: Subject Files, 1943 - 1977

Scope and Contents: This subseries consists of memoranda, internal reports, correspondence, notes, photographs, correspondence lists, articles, clippings, and product literature for a broad range of topics that either the Research Division worked on or compiled for future use. Also included is information about corporate reorganization, creativity training, the Explorers Science Club, and conferences and training. Loosely arranged alphabetically, the files are topical and were maintained by Research Division staff.

Box 24, Folder 1 Government military, gun mount, 1943

Box 24, Folder 2 Government military, miscellaneous, 1946 - 1953

Box 24, Folder 3 Government project summary for World War Two, 1947 - 1951

Box 24, Folder 4 Numerical list of order numbers, World War Two, undated

Box 24, Folder 5 20 mm aircraft gun, MK 11, 1958

Box 24, Folder 6 Externally stored gun pods for aircraft, 1958

Box 24, Folder 7 Confectionary Industry, 1950

Box 24, Folder 8 Shoe pattern making system, 1956

Box 24, Folder 9 Last research, 1958 - 1965

Box 24, Folder 10 Factory loading system, undated

Box 24, Folder 11 Geometric last, 1956, 1958 - 1959

Box 25, Folder 1 Geometric, 1961 - 1963

Box 25, Folder 2 Geometric, 1964 - 1966

Box 25, Folder 3 Disposable rubber, 1959 - 1962

Box 25, Folder 4 Attaching heels, 1961 - 1962

Box 25, Folder 5 Adhesives, 1961

Box 25, Folder 6 Harmonic Drive, infinit indexer, 1961 - 1966

Box 25, Folder 7 Computers, 1961, 1968 - 1969, 1972 - 1974

Box 26, Folder 1	Computer catalogs (A-E), 1969 - 1975
Box 26, Folder 2	Computer catalogs (F-I), 1969 - 1975
Box 26, Folder 3	Computer catalogs (J-Z), 1969 - 1975
Box 26, Folder 4	Computers, clippings, 1969 - 1975
Box 26, Folder 5	Indicators, frozen food, 1962
Box 26, Folder 6	Attaching sole, 1962 - 1966
Box 26, Folder 7	Shoe transportation, 1962 - 1963
Box 27, Folder 1	Automation, 1962 - 1964
Box 27, Folder 2	Automation, 1972, 1965 - 1970
Box 27, Folder 3	Geomatic, 1963
Box 27, Folder 4	Goodyear Welt, 1963
Box 27, Folder 5	Outside stitching, 1963
Box 27, Folder 6	Rapid mulling, 1963 - 1964
Box 27, Folder 7	Urethane, 1963 - 1967
Box 27, Folder 8	Automotive Industry, 1964 - 1965
Box 27, Folder 9	Packaging foods, 1966 - 1967, 1964
Box 27, Folder 10	Robots, 1964 - 1965
Box 27, Folder 11	Cement sole attaching, 1965
Box 27, Folder 12	Insole, 1965 - 1966, 1974
Box 27, Folder 13	Plastics, elastomers, adhesives, 1966
Box 28, Folder 1	Foam injection molding, 1965, 1968, 1970
Box 28, Folder 2	Harmonic drive, 1965, 1969
Box 28, Folder 3	Dynapert and Dynasert, 1967 - 1974
Box 28, Folder 4	Numerically controlled material cutter, 1968

Box 28, Folder 4	Laundry equipment, 1968 - 1969
Box 28, Folder 6	SPIRAS-65 (computer), 1969 - 1971
Box 28, Folder 7	Miscellaneous, 1974, 1962 - 1968, 1947
Box 28, Folder 8	Corporate reorganization, court decrees and antitrust laws, 1953 - 1954, 1969
Box 28, Folder 9	Corporate reorganization, shares, securities, and holder information, 1954 - 1972, 1975
Box 29, Folder 1	Corporate divesture, 1970
Box 29, Folder 2	Corporate planning, 1968 - 1973
Box 29, Folder 3	Corporate planning, 1974 - 1975
Box 29, Folder 4	Corporate reorganization, acquisitions, 1970
Box 29, Folder 5	Corporate reorganization, supplies and affiliated companies, 1969
Box 29, Folder 6	Corporate reorganization, multi-national, 1972 - 1973
Box 29, Folder 7	Creativity training, 1962 - 1973
Box 29, Folder 8	Creativity training, Syntectics, Inc., 1962 - 1965
Box 29, Folder 9	Creativity training, Syntectics, Inc., 1966 - 1968
Box 30, Folder 1	DuPont development conference, 1959
Box 30, Folder 2	DuPont development conference
Box 30, Folder 2	Industrial Research Institute, 1970, 1964, 1968, 1962
Box 30, Folder 3	MIT management of research and development, 1964
Box 30, Folder 4	Batelle Memorial Institute, 1965 - 1968, 1970, 1972
Box 30, Folder 5	American Research and Development Annual Meeting, 1969 - 1971
Box 30, Folder 6	Conference board, 1970 - 1972
Box 30, Folder 7	Worldwide research and development and marketing conference, 1972
Box 30, Folder 8	United Shoefitter (employee newsletter), 1962

Box 30, Folder 9	Financial reports, 1973, 1975, 1967 - 1969
Box 30, Folder 10	Advertisements, 1968 - 1970
Box 30, Folder 11	Beverly Manufacturing Newsletter, 1979, 1975 - 1977
Box 31, Folder 1	Company publications about research and the Research and Development Division, 1948 and undated
Box 31, Folder 2	Machinery Division, undated
Box 31, Folder 3	Bailey Division, undated
Box 31, Folder 4	Miscellaneous, 1933, 1943, 1963 - 1969, 1970 - 1975
Box 31, Folder 5	Research Division Explorer Post 84, science club (includes photographs), 1970 - 1975, 1966
Box 31, Folder 6	Community outreach, miscellaneous, 1966, 1975, 1953, 1963
Box 31, Folder 7	Engineering Department bulletins, 1958 - 1961
Box 31, Folder 8	Engineering Department Training Program, 1965
Box 31, Folder 9	Engineering Department, miscellaneous, 1961 - 1962, 1957 - 1958, 1945
Box 31, Folder 10	USMC Competitors (list), 1948
Box 32, Folder 1	Tanners Council of America, Membership Bulletin, Leather Industry Statistics, 1948 - 1965
Box 32, Folder 2	U.S. Department of Commerce, Census of Manufacturers, tanning, footwear, industrial leather goods, 1963
Box 32, Folder 3	National Footwear Manufacturers Association, Inc., Footwear Market, 1966 - 1975
Box 32, Folder 4	A Study of the Impact of Imported Footwear on Domestic Production with Forecasts to 1975 (prepared for the National Footwear Manufacturers Association), 1968
Box 32, Folder 5	American Footwear Industries Association, 1969 - 1970
Box 32, Folder 6	Engineering Standards and Advanced Productivity Systems Meeting, 1970
Box 32, Folder 7	The Impact of Imports and New Technologies on Worldwide Footwear Manufacturing, 1970
Box 33, Folder 1	Important Aspects of the Shoe Industry Crisis, 1950 January

Box 33, Folder 2	Blue Bulletin (L.H. LaRouche Research), Shoe Flexibility, 1951
Box 33, Folder 3	Blue Bulletin (L.H. LaRouche Research), Research in the American Shoe Industry, undated
Box 33, Folder 4	Blue Bulletin (L.H. LaRouche Research), A Factory Survey of Better Methods of Bottomline Goodyear Welts, undated
Box 33, Folder 5	Blue Bulletin (L.H. LaRouche Research), Plastics, undated
Box 33, Folder 5	Blue Bulletin (L.H. LaRouche Research), Research Findings, undated
Box 33, Folder 5	Blue Bulletin (L.H. LaRouche Research), Natural vs. Synthetic Threads, undated
Box 33, Folder 5	Blue Bulletin (L.H. LaRouche Research), Analysis of Factory Management Conference, undated

Subseries 5.8: Project Files, 1950 - 1951

Scope and Contents: This subseries consists of three projects undertaken by the Research Division that do not fall under the Experimental (EX) or New Development (ND) files. The materials include contracts, correspondence, notes and chart information for three projects, the Navy Bureau of Ordnance, precision heel attaching, and a comparison of foot scales.

Box 34, Folder 1	Navy Bureau of Ordnance Contracts, NDrd 401 and NOrd 3730, 1950
Box 34, Folder 2	Precision heel attaching, 1951
Box 34, Folder 3	Comparison of geometric and inch scale, undated

Subseries 5.9: New Development (ND) Project Files, 1924 - 1970

Scope and Contents: This subseries documents new development work at United Shoe through index cards, shipping requests, reports, correspondence, photographs, parts shipping notices, closure forms, government purchase order requests and requests for engineering. The index cards provide the order number, date, what was being worked on, a description, who suggested the work, who developed the work, a department manager signature and when the order was closed. Associated costs (per month) were recorded on the reverse side of the card. For example, order number, ND 9999, documents a Unishank cementing "A" machine which was opened in April 1935 and the work closed in September 1935. In some instances the cards are stamped "destroyed" with a date. New development (ND) index cards were sampled on the basis of retaining 100 cards at 1,000 card intervals.

Box 59	New development cards, 2,900 to 9,999, 1924 - 1935
Box 60	New development cards, 10,900 to 36,928, 1936 - 1951
Box 61	New development cards, 36,929 to 39,999, 1945 - 1951

Box 62	New development cards, 40,900 to 44,958, 1953 - 1962
Box 63	New development cards, 44,959 to 47,999, 1961 - 1970
Box 95, Folder 1	ND 40900, Miscellaneous (See ND 40905, ND 40883, ND 40897 and RS 2229), 1953
Box 95, Folder 2	ND 40901, USMC shank reducing machine, model A, 1953 - 1954
Box 95, Folder 3	ND 40902, Goodyear inseam sewing machine, model B, 1953 - 1955
Box 95, Folder 4	ND 40903, USMC stitch down thread lasting machine, model B, 1953 - 1954
Box 95, Folder 5	ND 40904, USMC eyelet stay cementing and applying machine, model A, 1953 - 1955
Box 95, Folder 6	ND, 40905 (See RS 32229, ND 40883, ND 40897, ND 40900, and ND 41273), Miscellaneous (government research work), 1953
Box 95, Folder 7	ND 40906, propulsion means for combat vehicles, 1953
Box 95, Folder 8	ND 40907, goodyear outsole stitching machine, model A, 1953
Box 95, Folder 9	ND 40908, USMC thermo-cementing and folding machine, model A, 1953
Box 95, Folder 10	ND 40909, USMC sewed seat lasting machine, model A, 1953
Box 95, Folder 11	ND 40910, Miscellaneous (government research work), 1953
Box 95, Folder 12	ND 40911 (See ND 40913, EX 16209, EX 16531, EX 16706, EX 16835, EX 16489, EX 16848, ND 40457, EX 16531, EX 16863, EX 16716, EX 16717, EX 16755), Pilot plant for rod cement, 1953 - 1954
Box 95, Folder 13	ND 40912 (ND 41043, ND 40039, ND 40519, EX 16883, EX 16722, EX 16726, ND 40179, ND 40519, EX 15484), Film type shoe cover manufacturing costs, 1953 - 1957
Box 95, Folder 14	ND 40913 (See ND 40911, EX 16209, EX 16531, EX 16706, EX 16835, EX 16489, EX 16848, ND 40457, EX 16863, EX 16716, EX 16717, EX 16755), Pilot plant for rod cement, 1953
Box 95, Folder 15	ND 40914, Demonstration during week of March 16, 1953 for personnel of Bata Shoe Company, 1953
Box 95, Folder 16	ND 40915, Miscellaneous (government research work), 1953
Box 95, Folder 17	ND 40916, USMC sewed seat lasting machine, model A, 1953

Box 95, Folder 18	ND 40917, USMC toe lasting machine, model C, 1953 - 1954
Box 95, Folder 19	ND 40918, USMC wood heel attaching machine, model B, 1953 - 1954
Box 95, Folder 20	ND 40919 (See EX 16517, ND 39951, ND 41501 and EX 16517), USMC heel scouring machine, model A, 1953 - 1956
Box 95, Folder 21	ND 41900, USMC staple side lasting machine, model D, 1956 - 1957
Box 95, Folder 22	ND 41901, Combat boots with waterproof uppers for QM research and development, 1956
Box 95, Folder 23; Box 96, Folder 1	ND 41902 (See ND 42116, 42115, 42038, EX 17630), Miscellaneous (government research work), 1955 - 1957
Box 96, Folder 2	ND 41903, Control rod drive test mechanism evaluation test program, 1956 - 1957
Box 96, Folder 3	ND 41904, Miscellaneous (government research work), 1956 - 1957
Box 96, Folder 4	ND 41905, USMC stitch protector applying machine, model A, 1956
Box 96, Folder 5	ND 41906, Miscellaneous (government research work), 1956
Box 96, Folder 6	ND 41907, USMC sole cement applying machine, model B, 1956 - 1957
Box 96, Folder 7	ND 41908, Top lasting, 1956 - 1958
Box 96, Folder 8	ND 41909, Automatic power tacker, model B, 1958 - 1962
Box 96, Folder 9	ND 41910, USMC tack detector, model A, 1956
Box 96, Folder 10	ND 41911, Eyeletting machines, 1956
Box 96, Folder 11	ND 41912, Eyeletting machines, 1956
Box 96, Folder 12	ND 41913, Goodyear insole channeling and lip setting, machine A, 1956
Box 96, Folder 13	ND 41914, USMC forepart cement lasting machine, model A, 1956
Box 96, Folder 14	ND 41915, Electronic component belting machine, model B, 1956
Box 96, Folder 15	ND 41916, USMC toe lasting machine, model D, 1956 - 1957
Box 96, Folder 16	ND 41917, KAPL-S3G, control rod drive test mechanism components test program, 1956

Box 96, Folder 17	ND 41918, KAPL-S3G, prototype control rod drive mechanism, 1956 - 1958
Box 96, Folder 18	ND 41919, Miscellaneous (government research work), 1956 - 1958
Box 96, Folder 19	ND 42899, Ammunition components, 1958 - 1960
Box 96, Folder 20	ND 42900, Vitro in-pile tubes, 1958 - 1959
Box 96, Folder 21	ND 42901, PWR maintenance and handling tool, 1958 - 1960
Box 96, Folder 22	ND 42902, Design of Yankee atomic fuel handling system, 1958 - 1959
Box 96, Folder 23	ND 42903, Design Yankee atomic fuel handling system, 1958 - 1959
Box 96, Folder 24	ND 42904, Design of Yankee atomic fuel handling systems (specifications), 1958 - 1959
Box 96, Folder 25	ND 42905, Goodyear inseam sewing machine, model D, 1958 - 1959
Box 96, Folder 26	ND 42906, Vitro in-pile tubes, replacement tube, 1958 - 1959
Box 96, Folder 27	ND 42907, EBS subsystem, scan programmer, engineering, 1958 - 1959
Box 96, Folder 28	ND 42908, EBS subsystem, design and detail, phase I, 1958 - 1959
Box 96, Folder 29	ND 42909, EBS subsystem, scan programmer, OM parts, phase I, 1958 - 1959
Box 96, Folder 30	ND 42910, EBS subsystem, scan programmer, assembly and test, phase I, 1958 - 1959
Box 96, Folder 31	ND 42911, EBS subsystem, servo engineering, phase I, 1958 - 1959
Box 96, Folder 32	ND 42912, EBS subsystem, servo design and detail, phase I, 1958 - 1959
Box 96, Folder 33	ND 42913, EBS subsystem, servo OM parts, phase I, 1958 - 1959
Box 96, Folder 34	ND 42914, EBS subsystem, servo assembly and test, phase I, 1958 - 1959
Box 96, Folder 35	ND 42915, EBS subsystem, phase shifter, engineering, phase I, 1958 - 1959
Box 96, Folder 36	ND 42916, EBS subsystem, phase shifter, design and detail, phase I, 1958 - 1959
Box 96, Folder 37	ND 42917, EBS subsystem, phase shifter, OM parts, phase I, 1958 - 1959
Box 96, Folder 38	ND 42918, EBS subsystem, phase shifter, assembly and test, phase I, 1958 - 1959
Box 96, Folder 39	ND 42919, EBS subsystem, labor on RF parts, phase I, 1958 - 1959

Box 96, Folder 40	ND 43900, Goodyear inseam sewing machine, model D, 1959 - 1960
Box 97, Folder 1	ND 43901, Attenuator assembly, 1959 - 1960
Box 97, Folder 2	ND 43902, H Plane tee, 1959 - 1960
Box 97, Folder 3	ND 43903, 1" valve product development, 1959 - 1960
Box 97, Folder 4	ND 43904, United automatic welt toe lasting machine, 1959 - 1961
Box 97, Folder 5	ND 43905, Evaluation of aerojet general valve information request, 1959 - 1960
Box 97, Folder 6	ND 43906, ALCO request for quote on 1" blow down valve, 1959 - 1960
Box 97, Folder 7	ND 43907, Feasibility study of an automatic assembly line, 1959 - 1961
Box 97, Folder 8	ND 43908, Automatic power nailer for nails up through size 16d, 1959 - 1960
Box 97, Folder 9	ND 43909, thermogrip applicator, model DN, 1960 - 1961
Box 97, Folder 10	ND 43910, PWR Maintenance and refueling tool, 1960
Box 97, Folder 11	ND 43911, Automatic power tacker, model A, 1960
Box 97, Folder 12	ND 43912, United automatic welt toe lasting machine, model A, 1960 - 1961
Box 97, Folder 13	ND 43913, Tank turret actuator employing concentric version of harmonic drive, 1960 - 1961
Box 97, Folder 14	ND 43914, Yankee automatic refueling equipment manuals, 1960 - 1961
Box 97, Folder 15	ND 43915, S5W seal welding equipment, fibre gears, 1960
Box 97, Folder 16	ND 43916, Low pass filters, 1960
Box 97, Folder 17	ND 43917, Indian point reactor refueling equipment consultant services, 1960 - 1963
Box 97, Folder 18	ND 43918, Metal last sticks, 1960
Box 97, Folder 19	ND 43919, Shock and vibration mounting design guide, 1960
Box 97, Folder 20	ND 44900, USMC pulling pover machine, model B, 1961 - 1962
Box 97, Folder 21	ND 44901, Application of harmonic drive to an airborne winch, 1961
Box 97, Folder 22	ND 44902, United injection moulding machine, model B, 1961 - 1962

Box 97, Folder 23	ND 44903, Wheel and axle assembly incorporating harmonic drive, 1961
Box 97, Folder 24	ND 44904, Two Warner Sf400 clutches, 1961
Box 97, Folder 25	ND 44904, USMC rough rounding machines, model B and C, 1961 - 1965
Box 97, Folder 26	ND 44906, A2W control rod drive mechanism, 1961
Box 97, Folder 27	ND 44907, United power toe lasting machine, model A and B, 1961 - 1963
Box 97, Folder 28	ND 44908, XD1G control rod drive mechanism, 1961 - 1962
Box 97, Folder 29	ND 44909, United pulling and lasting machine, model A
Box 97, Folder 30	ND 44910, United pulling and lasting machine, model A, 1961 - 1962
Box 97, Folder 31	ND 44911, Cutting die sharpening device, 1961 - 1965
Box 97, Folder 32	ND 44912, One prototype harmonic drive unit, 1961
Box 97, Folder 33	ND 44913, Application of a hot melt adhesive to the edge of fibre board discs, 1961 - 1962
Box 97, Folder 34	ND 44914, Rex rotary pounding machine, model B and FR goods
Box 97, Folder 35	ND 44915, Two hundred ten consumable inserts, 1961 - 1962
Box 97, Folder 36	ND 44916, United power toe lasting machine, model B, 1961 - 1962
Box 97, Folder 37	ND 44917, USKMC pulling over machine, model B and model C, 1961 - 1963
Box 97, Folder 38	ND 44918, Valve degreasing, 1961
Box 97, Folder 39	ND 44919, Automatic functional stitching machine transition, 1961 - 1962
Box 97, Folder 40	ND 45900, Helicopter blade folding device, 1962 - 1963
Box 97, Folder 41	ND 45901, Helicopter blade fold and pitch locking device, 1962 - 1963
Box 97, Folder 42	ND 45902, Component inserting machine, 1962 - 1963
Box 97, Folder 43	ND 45903, Assembly tool for engine, 1962 - 1963
Box 97, Folder 44	ND 45904, Pressure chamber door locking mechanism, 1962 - 1963
Box 97, Folder 45	ND 45905, Windshield wiper drive, 1962 - 1963

Box 97, Folder 46	ND 45906, Consultation services of David Dardick, 1962 - 1963
Box 97, Folder 47	ND 45907, High performance harmonic drive, 1962 - 1963
Box 97, Folder 48	ND 45908, A-U collagen project functions, 1962
Box 97, Folder 49	ND 45909, Harmonic drive bearings C120011, 1962 - 1963
Box 98, Folder 1	ND 45910, vehicle transporter steering mechanism, 1962 - 1963
Box 98, Folder 2	ND 45911, Hermetically sealed valve actuator, 1962 - 1963
Box 98, Folder 3	ND 45912, United pulling and lasting machine, model A, 1962 - 1963
Box 98, Folder 4	ND 45913, United pulling and lasting machine, model A, 1962 - 1963
Box 98, Folder 5	ND 45914, USM eyeletting air powered, 1962 - 1963
Box 98, Folder 6	ND 45915, Rivet forming machine (Waterbury Farrel), 1962 - 1963
Box 98, Folder 7	ND 45916, United pulling and lasting machine, model A, 1962 - 1964
Box 98, Folder 8	ND 45917, United pulling and lasting machine, model A, 1962 - 1963
Box 98, Folder 9	ND 45918, United pulling and lasting machine, model A, 1962 - 1963
Box 98, Folder 10	ND 45919, United Automatic welt toe lasting, model A, 1962 - 1965
Box 98, Folder 11	ND 46901, Evaluation of miscellaneous suggestions and ideas, 1964 - 1965
Box 98, Folder 12	ND 46902, Cement lasting Goodyear welt shoe, 1964 - 1967
Box 98, Folder 13	ND 46903, Proposal for XM70 E3/E4, 1964 - 1965
Box 98, Folder 14	ND 46904, Engineering Department assistance to the Mears Division, 1964 - 1966
Box 98, Folder 15	ND 46905, XD1G gear box repairs, 1964
Box 98, Folder 16	ND 46906, Automatic production of surgeon's caps, 1964
Box 98, Folder 17	ND 46907, Cutting press, 50 series, fabricated design, 1966
Box 98, Folder 18	ND 46908, Sample disposal garments for Veteran's Administration, 1964 - 1965
Box 98, Folder 19	ND 46909, Programmed fuel element loading machine, 1964 - 1965
Box 98, Folder 20	ND 46910, CRDM refurbishment program, 1964 - 1965

Box 98, Folder 21	ND 46911, CRDM refurbishment program, 1964 - 1965
Box 98, Folder 22	ND 46912, CRDM refurbishment program, 1964 - 1965
Box 98, Folder 23	ND 46913, USM roll top folding machine, model A, 1964 - 1965
Box 98, Folder 24	ND 46914, Thermogrip applicator, model DXN, 1964 - 1971
Box 98, Folder 25	ND 46915, Thermogrip, B.B. Engineering support, 1964 - 1968
Box 99, Folder 1-2	NB 46916, Thermogrip sales support, 1965 - 1968
Box 99, Folder 3	ND 46917, Visit to Yale and Towne (plant visit in Tennessee), 1964 - 1965
Box 99, Folder 4	ND 46918, Hydraulic shook testing machine study, 1964 - 1965
Box 99, Folder 5	ND 46919, USM seat moulding and fastening machine, model A, 1964 - 1965

Subseries 5.10: Experimental (EX) Files, 1977, 1931 - 1968

Scope and Contents: This subseries documents ordinary experimentation related to the development and improvement of shoe manufacturing machinery, and work done in connection with the company's post World War Two diversification efforts. The files cover all aspects of an experimental project, from the conception of an idea, through the experimental working out of problems, to the final decision to adopt or not adopt the idea for production. They also provide information on the functions of the Research Division, the manner in which it operated, and the way in which production decisions were made. In particular, they illustrate the division's interaction and cooperation with the company's Patent Department.

The materials are arranged numerically by project number and consist primarily of correspondence and notes but also include drawings, test data, order request forms, contracts (commercial or government), operating instructions, newspaper clippings, patents, research progress reports, work plans (procedures and specifications), photographs of the machines, shipping memos, product literature, and model room junking record(s). The junking record contains a wealth of information about experimental machines including: machine name, order number, device name, who developed it, model room location, application filed, patent number, order number, docket number, date issued, if the machine was commercialized, exhibit/historic value, invention acquired from outside source, involved in litigation, photographs, date junked, who authorized junking, and remarks.

The files are not complete. In some instances other project numbers are referenced. For example, EX 10,119, sole cement applying cross references several other projects, ND 8105, ND 8163, ND 8251, ND 8643 and EX 10,561. Presumably these projects also relate to sole cementing development or aspects thereof. This experimental work by the Research Department, in conjunction with the Patent Department is well documented.

This series consists of selected experimental (EX) files. These files are a sampling chosen by the archivist to document the range of experimental work carried out by the USMC over time. They provide a record of experimental work from the 1930s through the 1970s. The majority are groups of approximately fifty files chosen at ten year intervals. In addition, all files relating to three specific projects were chosen for retention. The three projects were: Automatic Controls, Component

Inserting, and a Baseball Stitching Machine. These three experiments are representative of the company's efforts to apply its experience and expertise in shoe machine technology to other areas in order to diversify its product line. Research notebooks from these same three projects were also retained by the archivist.

The index cards provide the order number, date, what was being worked on, a description, who suggested the work, who developed the work, a department manager signature, and when the order was closed. Associated costs (per month) were recorded on the reverse side of the card. The sample experimental (EX) sample files selected for retention were chosen at ten year intervals as follows: the EX 10000 files (1931-1932); the EX 13000 files (1940s); the EX 15000 files (early 1950s); the EX 18000 files (late 1950s early 1960s); the EX 19000 files (late 1960s); and the EX 21000 files (early 1970s).

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Box 92, Folder 4	EX 21224, Development opportunities - standardization, 1970 - 1971
Box 92, Folder 5	EX 21225, Development opportunities - standardization, 1970 - 1971
Box 93, Folder 1-3	EX 21226, USM variable center distance inserting machine - model A
Box 94, Folder 1	EX 21226, USM variable center distance inserting machine, 1970 - 1973
Box 94, Folder 2	EX 21227, Design reinforcing cord attachment, 1970 - 1973
Box 94, Folder 3	EX 21228, Drive for shell-type rolls, 1970 - 1972
Box 94, Folder 4	EX 21229, Reduced lasting margins - pincers detect edge of margin, 1970 - 1971
Box 94, Folder 5	EX 21230, Loose compressible interlayer for activation station on number 2 B.M. and seat lasting machine, 1970 - 1971
Box 94, Folder 6	EX 21231, Shoe bottom hot melt cementing machine, 1970 - 1971
Box 94, Folder 7	EX 21232, Two-part urethane sheet manufacturing equipment, 1970 - 1971
Box 94, Folder 8	EX 21233, BUSL machine - redesigned side pincer mechanism, 1970 - 1971
Box 94, Folder 9	EX 21234, RF embossing of uppers using a silicone rubber die, 1970 - 1971
Box 94, Folder 10	EX 21235, Non-woven impregnated insole with smooth finish, 1970 - 1971
Box 94, Folder 11	EX 21236, Method and apparatus for mixing and extruding visco-elastic materials, 1970
Box 94, Folder 12	EX 21237, Corrosion-resisting wash primer composition and corrosion-protected metal surface, 1970
Box 94, Folder 13	EX 21238, Computer control - computer interface to Dyna/Pert machine line, 1970 - 1972

Subseries 5.11: Automatic Control Projects, 1939 - 1979

Scope and Contents: This subseries is one of three experimental projects that was representative of the company's efforts to apply its experience and expertise in machine technology to other areas, in order to diversify its product line. This subseries consists of documentation for projects related to automatic control and include reports, correspondence interoffice memoranda, purchase orders, invoices, loan agreements for machines (trial), sketches, testing data, and photographs.

Box 64, Folder 1	Miscellaneous, 1958 - 1979
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Box 64, Folder 2-6	EX 13094, Automatic edge shaping machine, 1939 - 1959
Box 65, Folder 1-2	EX 16048, Universal automatic jack employing servo mechanism, 1949 - 1957
Box 65, Folder 3-5	EX 16992, Electro-hydraulic servo jack, 1942 - 1956
Box 66, Folder 1	EX, 17185, Automatic heel scouring machine, 1954 - 1959
Box 66, Folder 2-3	EX 17251, Component inserting machine, 1955 - 1956
Box 66, Folder 4-6	EX 17425, Automatic guidance for peripheral operation (includes stitching examples)
Box 67, Folder 1	RX, 18247, Joining-stitching shoe uppers
Box 67, Folder 2	EX 18273, Extension of automatic functional stitcher
Box 67, Folder 3	EX 18775, Automatic functional stitching machine
Box 67, Folder 4	EX 18829, Functional stitcher, automatic feeding
Box 67, Folder 5	EX 19248, Stitching, automatic guidance

Subseries 5.12: Baseball Stitching Machine Projects, 1949 - 1973

Scope and Contents: This subseries contains documentation for three experiments to create a baseball stitching machine: EX#16002, EX#16116, and EX#16279. These three projects document experimental work in the area of baseballs, specifically of automatic controls, component inserting, and stitching. The objective of the experimental projects, according to a July 11, 1950 work request, was "to develop a suitable baseball covering equipment for mechanizing to the greatest practical extent both parts of the present discretionary hand lasting-lacing operation." The full development included an analysis of the hand procedure and how each portion of that work would be handled. The ball starts as a round cushioned cork center called a "pill," then is wrapped tightly in windings of wool and polyester/cotton yarn, and then covered by stitched cowhide. The process of assembling a baseball involves two types of workers: assemblers (who assemble the core parts of the baseball) and sewers (who stitch the cowhide covers onto the baseball by hand). There are 108 stitches in the cowhide leather of each ball, and each is done by hand.

Research personnel at USMC recognized that this development would be extremely difficult and expensive. Indeed, from July 1950 to November 1961, the total expense of the project was \$343,000. In 1950, the economics of baseball stitching were detailed in a cost chart. The labor rate for lacing was fifteen to twenty cents per ball, with a production rate of five to six balls per hour. Clearly, mechanizing would increase the production dramatically.

The initial work order EX#16116 was opened to study and model work necessary to illustrate a method for preparing baseballs prior to stitching. A December 5, 1949 memo from W.L. Abel of the USMC Research Division stated that "very little consideration has been given to the mechanization of conditioning and preparation of baseball covers for machine stitching (this being the case both inside and outside the company). All attempts that we know of have been principally with the mechanization of the stitching."

Engineers at USMC broke down the problem into five areas: cover assembly (lasting); needle threading; start of stitching (anchoring the first stitch); stitching or lacing; and lastly, final stitching (final thread anchoring). Previous automated machines exhibited two serious problems: they were unable to start or stop the stitching process without manual assistance, and they were unable to vary the tension of the stitches. From 1950 to 1955, the basic model work was conducted, resulting in equipment which demonstrated the operations. In 1955, formal design and detailing were initiated to resolve existing engineering and design problems and to record, in drawing form, several pieces of equipment necessary to accomplish the overall objective.

The baseball stitching project was a team effort that involved, Sidney J. Finn, who introduced the idea in 1949, Otto R. Haas, and Joseph Fossa.

In 1972, Robert H. Bliss, Planning Director of USMC, wrote to R.B. Henderson, Vice President of Research and Development at AMF Voit, "Our development program was curtailed in March, 1961 when the Baseball Manufacturers Committee of Athletic Goods Manufacturing Association declined to support further development, and our management made a decision not to further fund the program without industry support." Bliss further noted that the baseballs stitched on USMC's model machine "were more uniform in appearance than a hand-laced ball, but there was some speculation that a major league pitcher could tell the difference and would prefer a hand-laced ball." While the economics of the time were considered good, the company could not justify spending more money on the project. Other than increasing the company's knowledge in the area of stitching technology, there was little likelihood that a broad application would result.

Box 68, Folder 1 EX 16002, 16116, 16279 (index), undated

Box 68, Folder 2 EX 16002, Baseball stitching, 1949 - 1960

[Schematic mechanism / for a / baseball cover sewing machine / S.J. Finn, March 3/9/49. \[Drawing\], 1949](#)

1 Item (Pencil on paper.; 16.2" x 12.2")

Designer: Finn, Sidney J.

Inventor: Finn, Sidney J.

Artist: Hamm, Don

Sponsor: United Shoe Machinery Corporation

Language: English.

Notes: AC0277-0000001 (AC Scan)

In Box 105A or 68?, Folder 2.

Drawing for a machine which was never built. "Drawn by Don Hamm."

Topic: Sports equipment manufacturing

Sports

Baseball

Genre/Form: Drawings -- 1940-1950

Box 68, Folder 3 EX 16116, Baseball stitching, 1949 - 1958

Box 68, Folder 4-5 EX 16279, Baseball stitching machine, 1960 - 1973

[Baseball stitching machine \[photoprint\], 1954](#)

1 Item (9.4" x 7.4")

Creator: United Shoe Machinery Corporation

Language: English.
 Notes: AC0277-0000002 (AC Scan)
 Silver gelatin on paper.
 In Box 105A or 68?, Folder 4.
 Unrestricted research use by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.
 Topic: Sports equipment manufacturing
 Sports
 Baseball
 Genre/Form: Photographs -- 1950-1960 -- Black-and-white photoprints -- Silver gelatin

[Man-machine system / for lacing baseballs \[technical drawing\], April 23, 1959](#)

1 Item (Ink on paper.; 10.9" x 14.3")

Creator: United Shoe Machinery Corporation
 Language: English.
 Notes: AC0277-0000003 (AC Scan)
 In Box 105A or 68?, Folder 4.
 Topic: Sports equipment manufacturing
 Sports
 Baseball
 Genre/Form: Technical drawings

Box 68, Folder 6 USM Corporation Baseball Lacing Machine Development Report, 1949 - 1960

Subseries 5.13: Component Inserting Projects, 1954 - 1963

Scope and Contents: This subseries documents one of three experimental projects that was representative of the company's efforts to apply its experience and expertise in machine technology to other areas, in order to diversify its product line. The subseries consists of correspondence, memoranda, photographs, notes, and work orders for machines that performed inserting functions. Research notebooks from this project were also retained.

Box 69, Folder 1 Miscellaneous, undated

Box 69, Folder 2-4 EX 17049, Machine for cutting, forming, and inserting 1/2 watt resistors in electronic assembly, 1954 - 1960

Box 69, Folder 5 EX 17050, Electric component packaging device for 1/2 watt resistors, 1954 - 1960

Box 69, Folder 6-7 EX 17051, Conveyor for automatic electronic assembly, 1954 - 1955

Box 70, Folder 1 EX 17057, Wire terminal eyelets and tools for their insertion and setting, 1954 - 1958

Box 70, Folder 2 EX 17067, Flexible packaging of electrical elements, 1954

Box 70, Folder 3	EX 17069, Machine for cutting, forming and inserting resistors or condensers in electrical component assembly, 1954 - 1960
Box 70, Folder 4	EX 17095, Electronic component packaging device, 1954 - 1955
Box 70, Folder 5-6	EX 17101, Electronic tube socket inserting machine, 1955
Box 70, Folder 7-9; Box 71, Folder 1	EX 17102, Electronic component inserting machine, 1955 - 1963
Box 71, Folder 2	EX 17288, Electronic tube socket, 1955 - 1957
Box 71, Folder 3	EX 17289, Plug-in coil inserting machine, 1955
	EX 17325, Component inserting machine, model B, 1955
Box 71, Folder 5	EX 17328, Component inserting machine, model A, 1955 - 1956
Box 71, Folder 6	EX 17346, Component inserting machine, 1955 - 1956
Box 71, Folder 7	EX 17391, Sole and shoe bottom heat activator, 1955 - 1957
Box 71, Folder 8	EX 17392, Sole attaching cement, 1955 - 1959
Box 71, Folder 9	EX 17393, Component inserting machine, model B, 1955 - 1956
Box 71, Folder 10	EX 17410, Small lot system of electronic component insertion, 1956 - 1958
Box 71, Folder 11	EX 17433, Upright condenser inserting machine, 1955 - 1957
Box 71, Folder 12	EX 17453, Direct contact cement activating machine, 1956 - 1958
Box 71, Folder 13	EX 17489, Component inserting machine, model A, 1955 - 1957
Box 71, Folder 14	EX 17531, Disc capacitor inserting machine, 1956 - 1958
Box 71, Folder 15	EX 17541, Disc capacitor inserting machine, model A, 1956 - 1959
Box 72, Folder 1-2	EX 17547, Disc capacitor inserting machine, 1956
Box 72, Folder 3	EX 17581, Component inserting machines, 1956 - 1959
Box 72, Folder 4	EX 17597, Wej cap inserting machine, 1956 - 1958

Subseries 5.14: Automatic Control Research Notebooks, 1938 - 1980

Scope and Contents: This subseries consists of notebooks that relate to automatic control projects authorized by the Research Department. The notebooks are arranged numerically and the name of the employee maintaining the notebook is listed. Many of the notebooks are standard composition notebooks, but some, such as notebook 457, bear the United Shoe Machinery Corporation logo and provide company instructions for maintaining a research notebook. Notebooks issued officially by USMC were designed to be keyed to the EX (experimental) and ND (new development) numbers assigned by the Research Department. The notebooks are paginated and in some instances witnessed and dated. They consist primarily of handwritten notes for formulas, testing data, drawings, schematics and photographs documenting work conducted by the Research Department. In some instances there are loose notes, memoranda, and sketches folded inside the notebooks. Names of research staff and date(s) are included.

Box 100, Folder 1	Notebook 43A, Robert A. Perron, 1941 September-1941 December, 1942 September-1944 February
Box 100, Folder 2	Notebook 106A, Robert A. Perron, 1941 March-1942 September
Box 100, Folder 3	Notebook 107A, Robert A. Perron, 1944 February-1949 February
Box 100, Folder 4	Notebook, 108A, Robert Perron, 1939
Box 100, Folder 5	Notebook, 117A, Benjamin Parran, 1946 - 1947
Box 100, Folder 6	Notebook, 121A, Robert Perron, 1938 October-1939 December
Box 100, Folder 7	Notebook, 157A, W.E. Stolecki (gun study), 1953
Box 101, Folder 1	Notebook, 159A, W.E. Stolecki, 1956 December-1957 October
Box 101, Folder 2	Notebook, 160A, W.E. Stolecki, 1952 February-1953 January
Box 101, Folder 3	Notebook, 161A, W.E. Stolecki, 1957 October-1958 [June?]
Box 101, Folder 4	Notebook, 218, Robert R. Perron, 1949 February-1950 June
Box 101, Folder 5	Notebook, 258, Robert R. Perron, 1950
Box 101, Folder 6	Notebook, 457, David A. Lane, 1950
Box 102, Folder 1	Notebook, 468, W.E. Stolecki, 1954 January-1954 June
Box 102, Folder 2	Notebook, 476, J.J. Bradley, Jr., 1954 January-1959 January
Box 102, Folder 3	Notebook, 491, Robert R. Perron, 1954 January-1955 September
Box 102, Folder 4	Notebook, 582, W.E. Stolecki, 1954 July-1956 April

Box 102, Folder 5	Notebook, 549, Thomas H. Nash, 1954 - 1955
Box 102, Folder 6	Notebook, 595, J.G. Holick, 1954 October-1954 December
Box 103, Folder 1	Notebook 2259, William L. Nickerson, 1963 December-1965 August
Box 103, Folder 2	Notebook 2284, William L. Nickerson, 1965 September-1967 May
Box 103, Folder 3	Notebook 2935, G.W. Cleversey, 1970 April-1980 January
Box 103, Folder 4	Notebook 2956, J.L. Checchi (model shop), 1975 February, 1976 September, 1971 March
Box 103, Folder 5	Notebook, John G. Hollick, 1941 September-1942 May
Box 103, Folder 6	Notebook, John G. Hollick, 1953 November-1954 April

Subseries 5.15: Baseball Stitching Machine Research Notebooks, 1942 - 1958

Scope and Contents: This subseries consists of three notebooks, arranged numerically, that relate to baseball stitching research authorized by the Research Department. The notebooks are arranged numerically with the name of the employee maintaining the notebook listed. Many of the notebooks are standard composition notebooks. Notebooks issued officially by USMC were designed to be keyed to the EX (experimental) and ND (new development) numbers assigned by the Research Department. The notebooks are paginated and in some instances witnessed and dated. They consist primarily of handwritten notes for formulas, testing data, drawings, schematics and photographs documenting work conducted by the Research Department. In some instances there are loose notes, memoranda, and sketches folded inside the notebooks. Names of research staff and date(s) are included.

Box 104, Folder 1	Notebook 162 A, O.R. Hass, 1942 May-1943 May
Box 104, Folder 2	Notebook 475, O. Haas, 1954 April-1956 October
Box 104, Folder 3	Notebook 1184, O. Haas, 1956 December-1958 October

Subseries 5.16: Component Inserting Research Notebooks, 1956 - 1965

Scope and Contents: This subseries consists of notebooks, arranged numerically that relate to component inserting projects authorized by the Research Department. The notebooks are arranged numerically with the name of the employee maintaining the notebook listed. Notebooks issued officially by USMC were designed to be keyed to the EX (experimental) and ND (new development) numbers assigned by the Research Department. The notebooks are paginated and in some instances witnessed and dated. They consist primarily of handwritten notes for formulas, testing data, drawings, schematics and photographs documenting work conducted by the Research Department. In some instances there are loose notes, memoranda, and sketches folded inside the notebooks. Names of research staff and date(s) are included.

Box 105, Folder 1	Notebook, 772, Waldo Hanson, 1956 August-1956 September
Box 105, Folder 2	Notebook 1061, Norman P. Flanders, 1956 October-1957 August
Box 105, Folder 3	Notebook 1070, Waldo B. Hanson, 1956 November-1958 May
Box 105, Folder 4	Notebook 1294, Norman P. Flanders, 1957 August-1957 November, 1965 February
Box 105, Folder 5	Notebook 1381, Waldo Hanson, 1958 May-1959 March
Box 105, Folder 6	Notebook 1398, Norman P. Flanders, 1958 September-1958 December
Box 105, Folder 7	Notebook 1568, Waldo B. Hanson, 1959 March-1959 August
Box 106, Folder 1	Notebook 1628, Norman P. Flanders (Production Control, Advanced Development Systems Department), 1959 August-1965 August
Box 106, Folder 2	Notebook 1634, Waldo B. Hanson, 1959 August-1959 October
Box 106, Folder 3	Notebook 1658, Waldo B. Hanson, 1959 October-1960 July
Box 106, Folder 4	Notebook 1692, Norman P. Flanders, 1960 January-1963 November
Box 106, Folder 5	Notebook 1798, Waldo B. Hanson, 1960 October-1961 May
Box 106, Folder 6	Notebook 1787, Waldo B. Hanson, 1960 July-1960 October
Box 107, Folder 1	Notebook 1865, Waldo B. Hanson, 1961 May-1962 December
Box 107, Folder 2	Notebook 2085, Waldo B. Hanson, 1962 December-1963 April
Box 107, Folder 3	Notebook 2154, Waldo B. Hanson, 1963 April-1963 October
Box 107, Folder 4	Notebook 2229, Waldo B. Hanson, 1963 October-1964 April
Box 107, Folder 5	Notebook 2315, Waldo B. Hanson, 1964 April-1964 August
Box 107, Folder 6	Notebook 2430, Waldo B. Hanson, 1964 August-1964 December

Subseries 5.17: General Research Notebooks, 1939 - 1968

Scope and Contents: This subseries consists of general research notebooks that do not relate to automatic control, baseball stitching or component inserting. The notebooks are arranged numerically with the name of the staff member and corresponding dates. There are some inconsistencies in the numbering of the notebooks. Presumably a new numbering system was applied, but for purposes of arrangement, the numbers on the notebook bindings were used.

Box 108, Folder 1	Notebook 1A, J.L. Minto, 1952 June-1954 February
Box 108, Folder 2	Notebook 2, John W. Hursh, 1946 February-1950 August
Box 108, Folder 3	Notebook 3, E.B. McMillan, 1946 February-1948 November
Box 108, Folder 4	Notebook 3A, B.A. Wright, 1945 August-1949 January
Box 108, Folder 5	Notebook 4, E.B. McMillan, 1946 February-1947 May
Box 108, Folder 6	Notebook 4A, Richard E. Williams, undated
Box 108, Folder 7	Notebook 5, E.B. Williams, 1946 March-1948 July
Box 108, Folder 8	Notebook 6, E.B. Williams, 1946 March-1948 August
Box 109, Folder 1	Notebook 6A, C.F. Whitaker, 1942 June-1943 June
Box 109, Folder 2	Notebook 7, R. Kent, 1939 July-1940 July
Box 109, Folder 3	Notebook 8A, N. Wiederhorn, 1948 October-1952 April
Box 109, Folder 4	Notebook 8A, N. Wiederhorn, 1948 August-1949 January
Box 109, Folder 5	Notebook 10, R.M. Osborn, 1946 March-1947 February
Box 109, Folder 6	Notebook 10A, Dick Wildman, 1945 October-1948 March
Box 109, Folder 7	Notebook 11, Orville N. Foust, 1946 March
Box 110, Folder 1	Notebook 11A, Harry Powers, 1951 - 1953
Box 110, Folder 2	Notebook 12, Orville N. Foust, 1946 March-1948 March
Box 110, Folder 3	Notebook 12B, S.E. Woodbury, 1939 July-1941 September
Box 110, Folder 4	Notebook 13, R.W. Bradley, 1946 March
Box 110, Folder 5	Notebook 13A, B.M. Pineles, 1944 March 21-1944 March 23
Box 110, Folder 6	Notebook 14, R.S. Prescott, 1946 April-1948 October
Box 110, Folder 7	Notebook 15, T.D. Kroner, 1946 May-1947 November
Box 111, Folder 1	Notebook 1, Albert E. Newton, 1947 May-1948 March
Box 111, Folder 2	Notebook 2, Albert E. Newton, 1948 March-1948 August

Box 111, Folder 3	Notebook 3, Albert E. Newton, 1948 September-1949 June
Box 111, Folder 4	Notebook 4, Albert E. Newton, 1949 June-1951 February
Box 111, Folder 5	Notebook 5, Albert E. Newton, 1951 February-1954 July
Box 111, Folder 6	Notebook 113A, Carl Juhoha, 1946 February-1947 January
Box 111, Folder 7	Notebook 217, Richard C. Wildman, 1949 January-1950 October
Box 111, Folder 8	Notebook 336, T. Kroner, 1953 April-1954 February
Box 111, Folder 9	Notebook 417, Roland Heeley, 1953 December-1956 June
Box 112, Folder 1	Notebook 506, J. Szumsky, 1954 May-1955 May
Box 112, Folder 2	Notebook 606, J.J. McGarr, 1954 December-1956 February
Box 112, Folder 3	Notebook 764, W.A. Shafer, 1956 June-1956 October
Box 112, Folder 4	Notebook 1000, Agnes V. Bowles, 1956 September-1956 December
Box 112, Folder 5	Notebook 1164, John F. Martin, 1956 November
Box 112, Folder 6	Notebook 1206, W.A. Shafer, 1957 January-1957 April
Box 113, Folder 1	Notebook 1344, Catherine Surrette, 1958 January-1958 April
Box 113, Folder 2	Notebook 1581, Frank Pulsifer, 1959 May-1963 March
Box 113, Folder 3	Notebook 1633, John A. Meuse, 1959 August-1962 June
Box 113, Folder 4	Notebook 1720, Stanley L. Cox, 1960 June-1961 February
Box 113, Folder 5	Notebook 1817, Albert S. Newton, 1961 January-1961 April
Box 113, Folder 6	Notebook 1948, William H. Campbell, 1962 February-1963 November
Box 113, Folder 7	Notebook 2021, W.A. Shafer, 1962 July-1963 January
Box 114, Folder 1	Notebook 2136, H. Foustoukos, 1963 March-1963 June
Box 114, Folder 2	Notebook 2238, Maud Van Allen, 1963 November-1965 April
Box 114, Folder 3	Notebook 2338, R.D. Johnson, 1964 June-1965 February
Box 114, Folder 4	Notebook 2406, R.L. Peterson, 1964 July-1964 December

Box 114, Folder 5	Notebook 2533, Richard J. Duffy, 1965 April-1965 November
Box 114, Folder 6	Notebook 2668, Richard Duffy, 1966 May-1966 November
Box 114, Folder 7	Notebook 2703, Gordon S. Cunningham, 1966 October-1967 January
Box 114, Folder 8	Notebook 2803, C.P. Cardani, 1968 January-1968 May

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Series 6: Legal Records, 1900 - 1968

Scope and Contents: This series consists of court records related to the various anti-trust suits brought against the company. The records include arguments, testimony, briefs, and exhibits from both sides, as well as the opinions of the courts. Records in this series have been arranged according to trial venue. Most of the material relates to the suit brought against the company in the District Court of Massachusetts, circa 1911. Exhibits relating to this case, dating from 1902-1914, primarily deal with infringements of United Shoe patents by other companies. Additional information relating to anti-trust suits against United Shoe can be found in the newsclippings.

Subseries 6.1: Court Cases, 1902 - 1968

Scope and Contents: The materials consist of bound and published documentation (briefs, arguments, testimony, exhibits, patents, opinions, replies to briefs, summary and analysis of facts, and summary of findings) for the District Court of the United States, District of Massachusetts, No. 301. *United States of America vs. United Shoe Machinery Company, of New Jersey, et. al.*; the District Court of the United States for the Eastern District of Missouri, no. 4489. *United States of America vs. United Shoe Machinery Company, et. al.*; and the District Court of the United States for the District of Massachusetts, no. 7198. *United States of America vs. United Shoe Machinery Corporation.*

Box 4, Item 1-2	District Court of the United States, District of Massachusetts, No. 301. United States of America vs. United Shoe Machinery Company, of New Jersey, et. al, Brief (two copies), [1913-1914?]
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Box 5, Item 1	District Court of the United States, District of Massachusetts, No. 301. United States of America vs. United Shoe Machinery Company, of New Jersey, et. al, Arguments, 1913 - 1914
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Box 5, Item 2	District Court of the United States, District of Massachusetts, No. 301. United States of America vs. United Shoe Machinery Company, of New Jersey, et. al, Volume 2, Plaintiff's Testimony, 1913 - 1914
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Box 5, Item 3	District Court of the United States, District of Massachusetts, No. 301. United States of America vs. United Shoe Machinery Company, of New Jersey, et. al, Volume 3, Plaintiff's Testimony, 1913 - 1914
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Box 6, Item 1	District Court of the United States, District of Massachusetts, No. 301. United States of America vs. United Shoe Machinery Company, of New Jersey, et. al, Volume 4, Plaintiff's Testimony, 1913
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Box 6, Item 2	District Court of the United States, District of Massachusetts, No. 301. United States of America vs. United Shoe Machinery Company, of New Jersey, et. al, Volume 5, Testimony Before Examiner, Plaintiff's and Defendants' Patents, 1913
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Box 7, Item 1	District Court of the United States, District of Massachusetts, No. 301. United States of America vs. United Shoe Machinery Company, of New Jersey, et. al, Volume 6, Defendants' Testimony, 1913
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Box 7, Item 2	District Court of the United States, District of Massachusetts, No. 301. United States of America vs. United Shoe Machinery Company, of New Jersey, et. al, Volume 7, Defendants' Testimony, 1913
Box 8, Item 1	District Court of the United States, District of Massachusetts, No. 301. United States of America vs. United Shoe Machinery Company, of New Jersey, et. al, Volume 8, Defendants' Testimony, Plaintiff's Rebuttal, Defendants' Surrebuttal, 1913 - 1914
Box 8, Item 2	District Court of the United States, District of Massachusetts, No. 301. United States of America vs. United Shoe Machinery Company, of New Jersey, et. al, Volume 9, Plaintiff's Exhibits, 1913 - 1914
Box 9, Item 1	District Court of the United States, District of Massachusetts, No. 301. United States of America vs. United Shoe Machinery Company, of New Jersey, et. al, Volume 10, Plaintiff's Exhibits, 1920
Box 9, Item 2	District Court of the United States, District of Massachusetts, No. 301. United States of America vs. United Shoe Machinery Company, of New Jersey, et. al, Volume 11, Plaintiff's Exhibits and Patents
Box 10, Item 1	District Court of the United States, District of Massachusetts, No. 301. United States of America vs. United Shoe Machinery Company, of New Jersey, et. al, Volume 12, Defendants' Exhibits
Box 10, Item 2	District Court of the United States, District of Massachusetts, No. 301. United States of America vs. United Shoe Machinery Company, of New Jersey, et. al, Closing Arguments for Defendants, 1914
Box 10, Item 3	District Court of the United States, District of Massachusetts, No. 301. United States of America vs. United Shoe Machinery Company, of New Jersey, et. al, Exhibits, 1902 - 1914
Box 11, Item 2	Supreme Court of the United States, no. 207. United States of America, Appellant vs. United Shoe Machinery Company of New Jersey, et. al., Appellees, Reply to Brief for the United States, 1917
Box 11	District Court of the United States for the Eastern District of Missouri, no. 4489. United States of America vs. United Shoe Machinery Company, et. al., Opinion of Honorable Jacob Trieber, District Judge, Decree of the Court, 1920
Box 11	District Court of the United States for the District of Massachusetts, no. 7198. United States of America vs. United Shoe Machinery Corporation, Trial Brief for the United States, Part 1 (Summary and Analysis of Facts),, 1949
Box 11	District Court of the United States for the District of Massachusetts, no. 7198. United States of America vs. United Shoe Machinery Corporation, Summary and Findings, 1953

Box 11	District Court of the United States for the District of Massachusetts, no. 7198. United States of America vs. United Shoe Machinery Corporation, Report of United Shoe Machinery Corporation under Decree, 1964
Box 11	District Court of the United States for the District of Massachusetts, no. 7198. United States of America vs. United Shoe Machinery Corporation, Petition of United Shoe Machinery Corporation for Amendment of Decree and Supporting Affidavits, 1964
Box 11	District Court of the United States for the District of Massachusetts, no. 7198. United States of America vs. United Shoe Machinery Corporation, Defendant's Main Brief on C Day Hearing, 1967
Box 11	District Court of the United States for the District of Massachusetts, no. 7198. United States of America vs. United Shoe Machinery Corporation, Defendant's Reply Brief on C Day Hearing and Proposed Findings and Conclusions, 1967
Box 11	Supreme Court of the United States, no. 597. United States of America vs. United Shoe Machinery Corporation, Respondent, on Appeal from the United States District Court for the District of Massachusetts, Brief for Respondent, 1968
Box 34A, Item 1	Newspaper clippings (Sherman Antitrust Act), 1915
Box 34A, Item 2	Newspaper clippings (Clayton Act), 1915 - 1916

Subseries 6.2: Court Exhibits for Machine History, 1910-1951 (bulk 1948-1950)

Scope and Contents: This subseries consists of indices, correspondence, copies of illustrations, notes, news release, and memoranda. Some of the materials, those specifically used as court exhibits, were prepared by Choate, Hall & Stewart, legal counsel for United Shoe for use during the *United States v. United Shoe Machinery Corporation* in the United States District Court D of Massachusetts, 1950. The materials are arranged by volume number (volumes 1-33) and topically thereafter. Some of the materials bear an alpha-numeric number which was used in arranging the materials. For example, L-20-003 relates to suppliers or manufacturers of shoe machinery, 1947.

Box 155, Folder 8	Index (7198), undated
Box 155, Folder 9	Court exhibit inventory and storage, circa 1948-1949
Box 155, Folder 10	Machinery history index, 1949 June
Box 155, Folder 11	Volume 1, Pulling Ooer, 1948 November
Box 155, Folder 12	Volume 2, Lacing, 1948 September
Box 155, Folder 13	Volume 3, Eyeletting, 1948 December
Box 156, Folder 1	Volume 4, Clicking, 1948 November

Box 156, Folder 2	Volume 5, Outsole stitching, 1949 January
Box 156, Folder 3	Volume 6, Leveling, 1948 November
Box 156, Folder 4	Volume 7, Upper edge stitching, 1948 November
Box 156, Folder 5	Volume 8, Sole cutting, 1949 January
Box 156, Folder 6	Volume 9, Heal seat fitting, 1949 January
Box 156, Folder 7	Volume 10, Side lasting, 1948 December
Box 156, Folder 8	Volume 11, Toe and heel seat lasting, 1948 November
Box 156, Folder 9	Volume 12, Welt insole making, 1948 December
Box 156, Folder 10	Volume 13, Cement shoe process (missing)
Box 156, Folder 11	Volume 14, Heel seat and all around nailing, 1948 December
Box 156, Folder 12	Volume 15, Assembling, 1949 February
Box 156, Folder 13	Volume 16, Temporary wood heel attachment, 1948 November
Box 156, Folder 14	Volume 17, Welt beating, 1949 February
Box 156, Folder 15	Volume 18, Inseam trimming, 1949 March
Box 156, Folder 16	Volume 19, Sole laying, 1949 January
Box 156, Folder 17	Volume 20, Welt butting and tacking, 1949 March
Box 156, Folder 18	Volume 21, Welt lasting, 1949 February
Box 156, Folder 19	Volume 22, Wood heel nailing, 1949 February
Box 156, Folder 20	Volume 23, Unishank, 1948 December
Box 157, Folder 1	Volume 24, Stitchdown lasting, 1949 February
Box 157, Folder 2	Volume 25, Sole edge finishing, 1949 January
Box 157, Folder 3	Volume 26, Welt sewing, 1949 January
Box 157, Folder 4	Volume 27, Leather heel nailing and slugging, 1949 January
Box 157, Folder 5	Volume 28, Welt finishing, 1949 January

Box 157, Folder 6	Volume 29, Leather heel finishing, 1949 April
Box 157, Folder 7	Volume 30, Leather heel making, 1948 January
Box 157, Folder 8	Volume 31, McKay sewing and Littleway stitching, 1949 May
Box 157, Folder 9	Volume 32, Platform cover lasting, 1949 March
Box 157, Folder 10	Volume 33, Rough rounding and channeling, 1949 March
Box 157, Folder 11	Civil suit information (overview), 1951 - 1968
Box 157, Folder 12	Civil suit, #7198 [paragraph 20?], undated
Box 157, Folder 13	Suppliers or manufacturers of shoe machines, 1947 March
Box 157, Folder 14	Analysis of machines made by Singer Manufacturing, 1948 March
Box 157, Folder 15	Major machines in commercial use, 1949 March
Box 157, Folder 16	Civil suit #7198, publication of machine histories, 1948 April
Box 157, Folder 17	Major machines listed in complaint, 1949 May
Box 157, Folder 18	Market survey of machines, 1949 May
Box 158, Folder 1	Machine cost, charges, and labor, 1949 June
Box 158, Folder 2	Machine development from 1915 to 1932, 1949
Box 158, Folder 3	Potential market, product survey, tacks, nails, wires, 1950 March
Box 158, Folder 4	Side lasting, undated
Box 158, Folder 5	United Shoe Machinery Corporation acquisition of Charles C. Blake and C.C. Blake, Inc., 1949 June
Box 158, Folder 6	Upper leather cutting machine and new dies, 1949 June
Box 158, Folder 7	Analysis of machines defendant's exhibit G, 1951 June
Box 158, Folder 8	Classification of machines of exhibits D1, D2, and D3, 1951 June
Box 158, Folder 9	United Shoe Machinery developments in automatic machinery for rubber shoe trade, 1918-1933, undated

Box 158, Folder 10	United's responsibility for general business conditions in the shoe industry, 1949 September
Box 158, Folder 11	Dry rubber manufacture for shoe production, 1950 June
Box 158, Folder 12	Leather heating process, 1950 October
Box 158, Folder 13	Competitive manufacturers of shoe machinery, 1948
Box 158, Folder 14	Labor saving by improved equipment, 1951
Box 159, Folder 1	Automatic shoe machinery, Volume 1, standard shoe development, 1915-1933
Box 159, Folder 2	Automatic shoe machinery, Volume 1, standard shoe development, 1915-1933
Box 159, Folder 3	Developments in the field of automatic machinery for rubber shoe trade, 1918-1933
Box 159, Folder 4	"Is the United Shoe Machinery Company an Illegal Trust and Monopoly?", 1910

Subseries 6.3: Leases, Cancellation Letters, Shipments, and Transfers (Microfilm), 1900 - 1958, undated

Scope and Contents: This subseries consists of documentation related to the leasing of United Shoe machinery equipment to other manufacturers/companies. The materials are arranged by reel number and provide the type of document (e.g. lease) as well as any geographic information associated with the lease of the equipment. Dates associated with the documents are unknown, but presumably the documents date from 1900 to 1957. The materials were microfilmed in May 1957. Additional information about leases can be found in Series 7: Engineering Records.

Box 12, Reel 1	Reel 1, Leases, A to Corbin
Box 12, Reel 2	Reel 2, Cancelled leases, Corbin to Durand
Box 12, Reel 3	Reel 3, Cancelled leases, Dyer Manufacturing Company to PO, undated
Box 12, Reel 4	Reel 4, Cancelled leases, Hazard PO to Norway Shoe, undated
Box 12, Reel 5	Reel 5, Leases, Norway Last to Brock Braintree, undated
Box 12, Reel 6	Reel 6, Leases, Brock Braintree to commonwealth PO, undated
Box 12, Reel 7	Reel 7, Leases, commonwealth to A. Freeman, undated
Box 12A, Reel 8	Reel 8, Leases, A. Freedman to Newbury Shoe, undated
Box 12A, Reel 9	Reel 9, Leases, unidentified, undated

Box 12A, Reel 10	Reel 10, Leases, Brockton, Goodyear, Chicago-Goodyear, lease 9005C, 1957 May
Box 12A, Reel 11	Reel 11, Leases, [Chicago Goodyear/Fango Hollowell Company to Chicago Kubo Corset Company], 1957 May
Box 12A, Reel 14	Reel 14, Cancelled leases, [H.C. Goodman to ?], undated
Box 12A, Reel 16	Reel 16, Cancelled leases, [Cincinnati M-SE to Haverhill A. Becker?], undated
Box 12A, Reel 17	Reel 17, Cancelled leases, [Haverhill A. Becker to Byron Shoe Company?], undated
Box 13, Reel 18	Reel 18, Cancelled leases, [Haverhill Beekwith and Byron Shoe to Engel Cone and Company?], undated
Box 13, Reel 19	Reel 19, Cancelled leases, [Haverhill to Cone Shoe Company and Green Barry Shoe Company?], undated
Box 13, Reel 20	Reel 20, Cancelled leases, [Haverhill from Green Burn Shoe Company to Haverhill Hoyt International?], undated
Box 13, Reel 21	Reel 21, Cancelled leases, [Haverhill Hoyt Lasting, International Shoe Company to Haverhill International], undated
Box 13, Reel 22	Reel 22, Cancelled leases, [Haverhill International], undated
Box 13, Reel 25	Reel 25, Cancelled leases, [Haverhill], undated
Box 13, Reel 26	Reel 26, Cancelled leases, [Haverhill, U to Z and Endicott Johnson], undated
Box 13A, Reel 27	Reel 27, Cancelled leases, [Endicott Johnson], undated
Box 13A, Reel 28	Reel 28, Cancelled leases, [Endicott Johnson to Lynn Century Shoe], undated
Box 13A, Reel 29	Reel 29, Cancelled leases, [Lynn Century Shoe, Chelsea Shoe, F.A. Goddard Company], undated
Box 13A, Reel 30	Reel 30, Cancelled leases, [Lynn Century Shoe, Goddard Company, H.R. Hyde and Sons], undated
Box 13A, Reel 31	Reel 31, Cancelled leases, [A.R. Hyde and Sons, Mayflower Shoe], undated
Box 13A, Reel 33	Reel 33, Cancelled leases, [Stritter Shoe Company, Lynn Burlington Mills], undated
Box 13A, Reel 34	Reel 34, Cancelled leases, [Milwaukee, Canvas Products Corporation, Ideal Shoe Manufacturing], undated

Box 14, Reel 35	Reel 35, Cancelled leases, #4 and #1739H, Milwaukee, Ideal Shoe Company and Pied Piper Company, undated
Box 14, Reel 36	Reel 36, Cancelled leases, #3398 and #11046, Pied Piper Company, Green Bay, Wisconsin, undated
Box 14, Reel 37	Reel 37, Cancelled leases, #104 and #12854, Milwaukee Shoe, undated
Box 14, Reel 38	Reel 38, Cancelled leases, #19 and #9662, American Shoe Company, New York, undated
Box 14, Reel 39	Reel 39, Cancelled leases, #954 and #377, New York, John Cramer and Son, Inc., undated
Box 14, Reel 40	Reel 40, Cancelled leases, #758 and #11328, Grand Footwear, Inc., undated
Box 14, Reel 41	Reel 41, Cancelled leases, #958 and #272, New York, undated
Box 14A, Reel 42	Reel 42, Cancelled leases, #372 and #10559, New York, undated
Box 14A, Reel 43	Reel 43, Cancelled leases, #502 and 7658, The Clark Brown Company and New York Re-Unit, undated
Box 14A, Reel 44	Reel 44, Cancelled leases, #3741 and #1014C, New York, F. Brown Shoe Company and Philadelphia, undated
Box 14A, Reel 45	Reel 45, Cancelled leases, #1269 and #11540, Philadelphia, undated
Box 14A, Reel 46	Reel 46, Cancelled leases, #46 and #3923, Philadelphia, undated
Box 14A, Reel 47	Reel 47, Cancelled leases, #8158 and #2943B, Philadelphia, undated
Box 14A, Reel 48	Reel 48, Cancelled leases, Philadelphia Landia lease, #2943C and [Bumut?] Printing Company, #7366, undated
Box 15, Reel 49	Reel 49, Cancelled leases, Rochester, [The Minchan Company?], undated
Box 15, Reel 50	Reel 50, Cancelled leases, Rochester, the Minchan Company to St. Louis, Ben brothers Shoe Company, lease 3710, undated
Box 15, Reel 51	Reel 51, Cancelled leases, St. Louis, Lasting [Bracon?] Shoe Company, lease 6922B, undated
Box 15, Reel 52	Reel 52, Cancelled leases, St. Louis Brown Shoe Company to St. Louis International Shoe, lease 1439N, undated
Box 15, Reel 53	Reel 53, Cancelled leases, International Shoe, lease 1440C to St. Louis International Shoe, lease 133T, undated

Box 15, Reel 54	Reel 54, Cancelled leases, St. Louis International Shoe, lease 133U to St. Louis International Shoe, lease 1089c, undated
Box 15, Reel 55	Reel 55, Cancelled leases, St. Louis International Shoe, lease 1473a to St. Louis International Shoe, lease 7477, undated
Box 15A, Reel 56	Reel 56, Cancelled leases, St. Louis, the Moran Shoe, lease 8226A to Worcester, lease 658, undated
Box 15A, Reel 57	Reel 57, Cancelled leases, #658 and #4968E, Worcester, Allen Square Company and B.A. Corbin and Son Company, undated
Box 15A, Reel 58	Reel 58, Cancelled leases, #4973B and #5299, B.S. Corbin and Son Company and Joseph M. Herman Shoe Company, undated
Box 15A, Reel 59	Reel 59, Cancelled leases, #6495 and #517, Worcester, Joseph M. Herman Shoe Company and National Shoe Company, undated
Box 15A, Reel 60	Reel 60, Cancelled leases, Worcester, undated
Box 15A, Reel 178	Reel 178, Cancelled leases, Haverhill, J.F. McElwain Company, Manchester, New Hampshire and Peabody Heel Company, Dover, New Hampshire, undated
Box 15A, Reel 206	Reel 206, Cancelled leases, St. Louis, personal ledger, contingent ledger, machine statements, 1953 February 28
Box 16, Reel 475	Reel 475, Active leases, Auburn District, A-GR, 1956 January 10
Box 16, Reel 476	Reel 476, Active leases, Auburn District, Ha-Norrwock Shoe, 1956 January 10
Box 16, Reel 477	Reel 477, Cancellation letters and active leases, Auburn District, Norrwock Shoe and Brockton, 1956 January 10
Box 16, Reel 478	Reel 478, Active leases, Brockton, Bro-Ki, 1956 January 10
Box 16, Reel 479	Reel 479, Active leases, Brockton District, Kn-Str, 1956 January 10
Box 16, Reel 480	Reel 480, Active leases, Brockton, Cincinnati; cancellation letters, new shipments and transfers, 1956 January 10, 1956 January 20
Box 16, Reel 481	Reel 481, Active leases, Cincinnati, United States Shoe Goodyear, 1956 January 10
Box 16A, Reel 482	Reel 482, Active leases, Cincinnati, United States Shoe Lasting, Lamson Corporation, Philippine leases; Puerto Rico and Harrisburg District, 1956 January 10

Box 16A, Reel 483	Reel 483, Active leases, Harrisburg District; cancellation letters; complete transfer; replacement leases, Auburn to Brockton; new shipments and transfers, 1956 January 27, 1956 January 10
Box 16A, Reel 484	Reel 484, Active leases, Los Angeles; replacement leases, Auburn, Brockton, Cincinnati and Harrisburg; new shipments and transfers, 1956 February 28, 1956 January 10
Box 16A, Reel 485	Reel 485, Active leases, Harrisburg District, McC-Win, 1956 January 10
Box 16A, Reel 488	Reel 488, Active leases, Haverhill District, Kn-McElwain Goodyear, 1956 January 10
Box 16A, Reel 489	Reel 489, Active leases, Haverhill District, McElwain Lasting and Cementing; cancellation letters; complete transfer; replacement leases; new shipment and transfers, 1956 February 10, 1956 January 10
Box 16A, Reel 490	Reel 490, Active leases, Haverhill District, Roc-Wise, 1956 January 10
Box 17, Reel 491	Reel 491, Active leases, Johnson City; cancellation letters; complete transfers; replacement leases, Auburn, Brockton, Cincinnati and Harrisburg; new shipments and transfers, Auburn, Brockton, Haverhill and Johnson City, 1956 February 17, 1956 January 10
Box 17, Reel 492	Reel 492, Active leases, Johnson City, Endicott Johnson Goodyear, 1956 January 10
Box 17, Reel 493	Reel 493, Active leases, Johnson City; cancellation letters; complete transfer; replacement leases, Auburn, Brockton, Cincinnati, Harrisburg and Johnson City; new shipments and transfers, Auburn, Brockton, Cincinnati, Haverhill, Harrisburg, Johnson City and Los Angeles, 1956 January 10, 1956 February 24
Box 17, Reel 494	Reel 494, Active leases, Los Angeles; replacement leases; new shipments and transfers, Auburn, Brockton, Haverhill, Johnson City, Los Angeles, 1956 February 28, 1956 January 10
Box 17, Reel 495	Reel 495, Active leases, Lynn; cancellation letters; complete transfers; replacement leases; and new shipments and transfers, 1956 March 2, 1956 January 10, 1956 March 5
Box 17, Reel 496	Reel 496, Active leases, Lynn District; Milwaukee, Florsheim Shoe, Harding Factory, 1956 March 5-7
Box 17, Reel 497	Reel 497, Active leases, Milwaukee District, Fr-mi, 1956 March
Box 17A, Reel 498	Reel 498, Cancellation letters and replacement leases; new shipments and transfers, Milwaukee, 1956 March 8-14, 1956 March 9

Box 17A, Reel 500	Reel 500, Cancellation letters; complete transfers; replacement leases; new shipments and transfers; and active leases, Nashville, 1956 March 16
Box 17A, Reel 501	Reel 501, Active leases, Nashville, Foo-General Shoe Lasting, 1956 March 21-22
Box 17A, Reel 502	Reel 502, Active leases, General Shoe Lasting (#4169) and Nashville and New York; cancellation letters; replacement leases; new shipments and transfers, 1956 March
Box 17A, Reel 503	Reel 503, Active leases, New York, Bele-Fe, 1956 March 26-28
Box 17A, Reel 505	Reel 505, Active leases, New York, le-Sw, 1956 April 23
Box 17A, Reel 506	Reel 506, Active leases, New York and St. Louis; cancellation letters; replacements leases; and new shipments and transfers, 1956 April 4-5
Box 18, Reel 507	Reel 507, Active leases, St. Louis, Brown Shoe, 1956 April
Box 18, Reel 508	Reel 508, Active leases, St. Louis, International Shoe, #939, 1956 April 10
Box 18, Reel 509	Reel 509, Active leases, St. Louis, International Shoe, #940, 1956 April
Box 18, Reel 510	Reel 510, Active leases, St. Louis, International Shoe, #1170; Cement Shoe; cancellation letters; replacement leases; new shipments and transfers, 1956 April 12-13
Box 18, Reel 511	Reel 511, Active leases, St. Louis (J-Th), 1956 April 16
Box 18, Reel 513	Reel 513, Active leases, Worcester (Am-J), 1956 April 20
Box 18, Reel 514	Reel 514, Active leases, Worcester, K-Z; replacement leases and new shipments and transfers, 1956 April 27, 1956 April 24
Box 18A, Reel 515	Reel 515, Cancellation letters; replacement leases; new shipments and transfers; complete transfers, 1956 June 8, 1956 May 25, 1956 May 18
Box 18A, Reel 520	Reel 520, Active leases; replacement shipments; cancellation letters, 1956 August 3, 1956 July 27 , 1956 July 9-13
Box 18A, Reel 525	Reel 525, Cancellation notices; active leases and new shipments, 1956 December 1
Box 18A, Reel 528	Reel 528, New shipments and renewal leases, 1957 February 20-1957 April 11
Box 18A, Reel 529	Reel 529, Shipments and renewal leases, 1957 May 10 to 1957 June 11
Box 18A, Reel 533	Reel 533, Shipments and replacement leases, 1957 August 16

Box 18A, Reel 534	Reel 534, Active leases and replacement leases, 1957 August 16-1957 October 15
Box 19, Reel 538	Reel 538, Replacement leases and new shipments, 1958 January 2 to 1958 March 15
Box 19, Reel 539	Reel 539, New leases, 1958 June 6, undated
Box 19, Reel 541	Reel 541, Unidentified, undated
Box 19, Reel 542	Reel 542, New leases (general ledger, contingent, and personal), 1958 August 31
Box 19, Reel 543	Reel 543, New leases and replacement leases, 1958 November 10 to 1958 November 12
Box 19, Reel 545	Reel 545, Contingent ledger, general ledger and personal ledger, 1959 February 28
Box 19, Reel 546	Reel 546, New leases, replacement leases, general ledger, personal ledger, matric engineering account, contingent ledger, 1958

Subseries 6.4: Patent Search, 1949

Scope and Contents: This subseries consists of documentation about patent searches conducted by United Shoe Machinery Corporation for non-commercial patents assigned to United Shoe Machinery Corporation from January 1, 1920 to July 25, 1920. The search was conducted in 1949 presumably for the purposes of litigation. The search compiled data that included the name of the machine, name of device, inventor, application filing date, patent number, date of issue, whether the machine was experimental, whether the machine was shipped, and general remarks. The patent searches were paginated in two sections, pages 1 to 25 and pages 1 to 667.

Box 155, Folder 1	Patent searches, pages 1-25, 1949
Box 155, Folder 2	Patent searches, pages 26-99, 1949
Box 155, Folder 3	Patent searches, pages 100-210, 1949
Box 155, Folder 4	Patent searches, pages 211-320, 1949
Box 155, Folder 5	Patent searches, pages 321-425, 1949
Box 155, Folder 6	Patent searches, pages 426-535, 1949
Box 155, Folder 7	Patent searches, pages 536-667, 1949

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Series 7: Engineering Records, 1904 - 1979

Scope and Contents: The engineering records consist of correspondence, notes, drawings, reports, indices, lists of machines, financial information (operating statements) and orders (for machines and parts) related to work done by the Engineering Department. Also included are a floor directory (1930) detailing the departments and a 1919 building permit from the City of Beverly Massachusetts to build a storage building.

The machine records, 1901-1957, include cards that detail the name of the company, its address, and date where it was used. In some instances the cards are stamped "junked at Beverly."

The leases, 1900-1957, consist of index cards detailing the company, its address, the type of machine, and model leased from United Shoe. In some instances, leased machines were sold and this information along with dates for shipping and receiving, are recorded. The cards are arranged alphabetically and are fragmentary. Only companies beginning with "G" or "W" are represented.

Parts order cards, 1951-1958, consists of index cards detailing specific parts made for machines. The cards record the order number, number of parts made, the material used (e.g. steel), and a date. The cards contain both handwritten comments and computer generated print-out information. The cards are arranged numerically by part number and almost all of them are stamped "dead file."

Instructions for machine parts, 1949, consists of "white bulletins" issued from the Engineering Department for employee use detailing changes for parts for specific machines. The changes were adopted and put into effect through the use of a "Blue Bulletin" after review. The materials are arranged chronologically.

Drawing room files, 1906-1929, consist of "file letters" detailing changes made to drawings for specific machines. The files also indicate the names of parts, whether parts are obsolete, who is authorizing and a list of individuals and departments who receive notification of the change. The changes, if approved, were included for distribution in the Blue Bulletin and/or catalog. The materials are arranged alphabetically by machine name and are highly fragmented. Only a portion of the machines that begin with the letter "C" are represented, for example, Cresat Sole Wetting Machine, Model, A, 1908.

The engineering design notes, 1944-1946, consist of information compiled for designers citing new developments or calling out a particular design element. The notes were then circulated within certain engineering groups.

Box 161, Folder 1	Schedule of machines manufactured by United Shoe, 1904
Box 161, Folder 2	Machines adopted by United Shoe, 1903-1913, 1914 January 3
Box 161, Folder 3	Handbook of Shoe Factory Engineering, 1916
Box 161, Folder 4	Building permit, City of Beverly, 1919 October
Box 161, Folder 5	Floor Directory (department organizational listing), 1930 February
Box 161, Folder 6	Eyelet Sett Department (operating statements), 1934 August 25
Box 161, Folder 7	Elliott Street Plant (expense orders), 1935 - 1936

Machine Records, 1901 - 1958

Box 161, Folder 8	Counter Skiving machine D and S, 1902 - 1910
Box 161, Folder 9	C.H.M. Lasting machine, 1932 - 1957
Box 161, Folder 10	Improved stripping model F and S, 1901 - 1935
Box 161, Folder 11	Subseries: Machine leases, 1900 - 1957
Box 161, Folder 12	Parts order cards, 1951 - 1958
Box 161, Folder 13	Instructions for machine parts, 1949
Box 161, Folder 14	Drawing room files, 1906 - 1929
Box 177, Folder 5	Machine Shipments and Return Book, San Francisco, 1935 - 1941
	Estimates for machines/devices, 1937 - 1950
Box 175, Folder 3	Estimates for machines/devices (11150-11172), 1937 - 1939
Box 175, Folder 5	Estimates for machines/devices (11180-11190), 1939
Box 175, Folder 4	Estimates for machines/devices (11173-11179), 1939
Box 175, Folder 6	Estimates for machines/devices (11230-12249), 1939
Box 175, Folder 7	Estimates for machines/devices (11250-11259), 1939
Box 175, Folder 8	Estimates for machines/devices (11260-11291), 1939
Box 175, Folder 9	Estimates for machines/devices (8900B-8999B), 1950
Box 162, Folder 1	Gear design and planetary linkages, 1942 - 1944
Box 162, Folder 2	Engineer Design notes, 1944 - 1946
Box 162, Folder 3	Outline of shoemaking procedures, 1948
Box 162, Folder 4	Cement sole attaching machine-Model C, 1952
Box 162, Folder 5	Goodyear outsole stitching machine-Model A, 1952
Box 162, Folder 6	Stitchdown thread lasting machine-Model B, 1953
Box 162, Folder 7	USMC adhesive applicator, model A (operating instructions), 1957 December
Box 162, Folder 8	Automatic Controlled Stitcher-Model A, 1973

Box 162, Folder 9	Automatic Controlled Stitcher-Model A, 1975
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Box 162, Folder 10-11	Automatic Controlled Stitcher-Model B (two copies), 1979
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Series 8: Employee/Personnel Materials, 1908 - 1981

Scope and Contents: The employee and personnel materials consist of benefit, pension and insurance plans, a suggestion plan, an open house flier, family night documentation, and clubs for employees. Family Night was created by the Research Division to acquaint families with their work and explain how they contribute to the research effort of the company. Activities included demonstrations and displays of various machines.

There are employee cards, 1908-1917, which consist of index cards, arranged alphabetically by employee surname that detail the kind of work (planer, grinder, laborer, tool maker), age, marital status, where the person last worked, where they worked the longest, if they were interviewed, home address, when they began work, and if they retired or were discharged, with a reason.

From 1907 to 1940 the United Shoe sponsored the "Sam Sam" festival which included carnival rides, midway games, and entertainment for its employees and their families. Images of the "Sam Sam" can be found in Series 17: Photographs, Subseries 10: Glass Plate Negatives.

Box 163, Folder 1	Employee cards, Ab-Am, 1908 - 1917
Box 163, Folder 2	Employee cards, An-Ax, 1908 - 1917
Box 163, Folder 3	Noble Sect of Italian Mafia (Beverly Factory employees), 1903
Box 163, Folder 4	How to make shoes (new employee/students notes), 1931
Box 163, Folder 5	USMC, Service, the Achievement of the Past, the Assurance of the Future, 1940
Box 163, Folder 6	Pension system of United Shoe Machinery Corporation, 1945
Box 177, Folder 3	United Employee Magazine (mock-up), circa 1950s
Box 163, Folder 7	Family Night, 1964, 1957
Box 163, Folder 8	Plants and purchasing representatives directory, 1965
Box 163, Folder 9	Group life insurance, 1965, 1977
Box 163, Folder 10	Employees' benefit plan, 1967, undated
Box 163, Folder 11	Employee suggestion plan policy manual, [circa 1970s?]
Box 163, Folder 12	Open house, 1977 November
Box 163, Folder 13	Open house, 1981 May

United Electrical, Radio, and Machine Workers of America (Local No. 271), 1944 - 1949

Notes: This material consists of correspondence between the United Electrical, Radio and Machine Workers of America, Local No. 271 and

the United Shoe Machinery Corporation. The majority of the letters relate to settlements, grievances and the reclassification of jobs.

Box 163, Folder 14	Local No. 271, correspondence, 1944
Box 163, Folder 15	Local No. 271, correspondence, 1945
Box 163, Folder 16	Local No. 271, correspondence, 1946
Box 163, Folder 17	Local No. 271, correspondence, 1947
Box 163, Folder 18	Local No. 271, correspondence, 1948
Box 163, Folder 19	Local No. 271, correspondence, 1949
USMC Clubs	
Box 163, Folder 20	Boston USMC Club, 1901 - 1953
Box 163, Folder 21	Quarter Century Club, 1927 - 1931, 1963, 1969 - 1970
Box 163, Folder 22	Quarter Century Club (Our Emblem Black and Gold), 1943
Box 163, Folder 23	USMC 25th Anniversary pin (for Richard A. Wallace), 1951 June 9
Box 163, Folder 24	Women's Bowling League, 1952 - 1955

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Series 9: Mutual Relief Association Incorporated, 1906 - 1951, 1902

Scope and Contents: This series primarily consists of the Relief Association's Minute Books, financial statements, account books, and compensation records. The Mutual Relief Association was established in 1907 for the purpose of paying a death or funeral benefit or disability benefit. Fees were typically nominal and associated with earning capacity. Members were entitled to substantial financial assistance in time of illness or physical problems. The membership was limited to employees of the United Shoe Machinery Corporation.

The Minute Books only cover the period 1906-1938. The annual meeting papers supplement the minutes and provide information such as revisions of by laws, the election of officers, financial statements, and Treasurer's and Secretary's Annual Reports for the years 1915-1951. Financial statements include balance sheets, quarterly statements, audit reports, and the Treasurer's Annual Reports. The account books, ledgers, journals, and cashbooks cover the period 1929-1951. Compensation records include the Cashbook of the Disability and Death Benefits Fund and a compensation card file from 1907-1951. The latter, an index card file alphabetically arranged by name, provides information on the illnesses and compensation paid to the Association's members.

Additional items of interest in this series include copies of the association's Charter and several copies of its by-laws. Also included are a copy of the Constitution and bylaws of the Consolidated and McKay Mutual Relief Association, dated 1902.

The compensation card file consists of index cards documenting employees who were injured, sick or on disability. The cards provide the name of the employee, the date, the number of days out of work, the nature of the illness or disability, and the amount of the benefit paid. The cards are arranged alphabetically.

Box 115, Folder 1 Charter and by-laws record, 1907 May

Box 115, Folder 2 By-laws (includes constitution and by-laws of the Consolidated and McKay Mutual Relief Association, 1902), 1907 - 1929, 1902

Box 115, Folder 2A By-laws, 1947

Box 115, Folder 3 Minute Book 1, 1907 May-1929 April

Box 115, Folder 4 Minute Book 2, 1929 April-1938 April

Box 115, Folder 5 Directors' Minute Book 1, 1906 March-1913 March

Box 115, Folder 6 Directors' Minute Book 2, 1913 March-1938 February

Box 116, Folder 1 Secretaries' rough minutes, 1906 March-1908 March

Box 116, Folder 2 Annual meeting papers, 1915 - 1927

Box 116, Folder 3 Annual meeting papers, 1928 - 1933

Box 116, Folder 4 Annual meeting papers, 1934 - 1937

Box 116, Folder 5	Annual meeting papers, 1938 - 1940
Box 116, Folder 6	Annual meeting papers, 1941 - 1943
Box 117, Folder 1	Annual meeting papers, 1944
Box 117, Folder 2	Annual meeting papers, 1945 - 1946, 1951
Box 117, Folder 3	Balance sheets, 1929 June-1934 June
Box 176, Folder 1	Operating statements, 1941 March
Box 117, Folder 4	Quarterly statements, 1934 September-1938 December
Box 117, Folder 5	Quarterly statements, 1951 March-1951 November, 1939 April-1943 December
Box 117, Folder 6	Treasurers' annual reports, 1932 - 1943
Box 118, Folder 1	Audit reports, 1929 - 1942
Box 118, Folder 2	Ledger, 1929 - 1938
Box 118, Folder 3	Ledger, 1938 - 1944
Box 118, Folder 4	Ledger, 1944 - 1951
Box 118, Folder 5	Journal, 1929 - 1944
Box 119, Folder 1	Journal, 1944 - 1951
Box 119, Folder 2	Cashbook, 1929 - 1942
Box 119, Folder 3	Cashbook, 1942 - 1948
Box 119, Folder 4	Cashbook, 1948 - 1951
Box 119, Folder 5	Cashbook (Disability and death benefits fund), 1944 - 1951
Box 120	Compensation card index (A-K), 1920s-1950s
Box 121	Compensation card index (L-Z), 1911 - 1950
Box 176, Folder 1	Beverly Factory Statements, 1941

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Series 10: Athletic Association Records, 1929 - 1962

Scope and Contents: These files belonged to Wilson Palmer and were generated during his tenure as the Association's President. The materials consist of correspondence, financial statements, invitations, programs and some photographs for the company's Athletic Association, established to promote the enjoyment of sports and other leisure activities. At the Club House, there were a library, theatre, locker rooms, lounges, and bowling alleys. Sports sponsored by the company included baseball, bowling, a gun club, tennis, football, cricket, boating, and soccer. Each year United Shoe hosted an field day with athletic competitions and prizes awarded.

The correspondence is mainly concerned with activities held at the employees' club house, such as dinners and golf tournaments. It also covers the operation and organization of the Association and the maintenance and improvement of its facilities, especially the care of the golf course and its landscaping. There is also one file dealing with outings of other organizations that used the Athletic Association's grounds.

The Financial Statements primarily consist of statistical information on the Association's assets and liabilities, income and expenditures, and cash flow. Each type of statement compares the financial situation with the same period of the previous year. The quarterly statements provide data on the main association and on its many subdivisions--boat, cricket, gardeners, golf, gun, hockey, tennis, bowling, pool, and chess.

Additional items of interest include bowling league schedules, programs for various activities such as the Entertainment and Dance of the U.S.M.A.A. Gold Division (1948) and Foreman's Banquet (1948); sketches of tennis court construction (1953); a golf division schedule and dues and green fees (1960); and menus for the country club (1960-1961).

Box 122, Folder 1	Correspondence, 1937 - 1946
Box 122, Folder 2	Correspondence, 1947 - 1948
Box 122, Folder 3	Correspondence, 1949 - 1952
Box 122, Folder 4	Correspondence, 1953 - 1959
Box 122, Folder 5	Correspondence, 1960 - 1961
Box 122, Folder 6	Correspondence, 1961 - 1962
Box 122, Folder 7	Correspondence (about outings), 1944 - 1948
Box 122, Folder 8	Photographs (club house and golf course), [1950s?]
Box 123, Folder 1	Quarterly financial statements, 1929 - 1932
Box 123, Folder 2	Quarterly financial statements, 1931 - 1935
Box 123, Folder 3	Quarterly financial statements, 1934 - 1940
Box 123, Folder 4	Quarterly financial statements, 1949 - 1962

Box 123, Folder 5	Monthly statements, 1930 - 1935
Box 123, Folder 6	Monthly statements, 1936 - 1940
Box 123, Folder 7	Monthly statements, 1949 - 1952
Box 123, Folder 8	Monthly restaurant reports, 1931 - 1939
Box 123, Folder 9	First annual concert and dance (program), 1935
Box 123, Folder 9	Fourth annual concert and dance (program), 1938

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Series 11: Industrial School Records, 1909 - 1938

Scope and Contents:

About 1909, United Shoe Machinery initiated its own state-chartered industrial school, where generations of future workers and managers were trained. The newly formed Beverly Industrial School was "the first successful school for mechanics in the United States," according to *New England Magazine* in 1911. Two groups, each consisting of thirty-five young men, alternated between the factory and Beverly High School, and before that the adjacent McKay School, spending one week at the factory and then one week at the high school. Coinciding with the opening of the United Shoe Manufacturing Corporation in Beverly came a local and state movement for industrial training in high schools.

Two groups, A and B, each consisting of thirty-five young men, alternated between the United Shoe Machinery factory and Beverly Industrial School, spending one week at the factory and then one week at the high school. Instruction included mathematics, chemistry, electricity, mechanics, mechanical drawings, blueprint reading, English civics, and industrial economics. The machinist-instructors taught both in the factory and the classroom, while subject specialists taught the other subjects. Beverly Superintendent Adelbert L. Safford said, "Today we need men who can do things, men who can create not only with the brain--and it takes brains to be a good mechanic or a good farmer in this age--but with skilled hands as well."

Fourteen young men graduated from the Beverly Industrial School on December 18, 1912. The school would undergo several name changes--Beverly Independent Industrial School; Beverly Industrial Training School; the Beverly Cooperative Trade School (1925-circa 1980); Claude H. Patten Trade School (1968) opened at the new Beverly High School; and the Claude H. Patten Trade School Vocational High School (1970-1995). The Vocational High School eventually ceased operation in 1995.

In addition to teaching skills in the industrial school, United Shoe also established a program to teach its immigrant workforce English. Using the English for American Citizenship Program (Industrial Series, 1919) the program not only taught the workforce to speak English, it taught life lessons in "punching the clock," "buying clothes," "spending money," "asking for directions," and "buying groceries." Prepared by the Massachusetts Department of Education, University Extension, the Industrial Series Program was free to all residents of the State of Massachusetts. The courses were wide ranging, and included language, economics, mathematics, government, civil service, drawings, electricity, natural science, and homemaking. Courses were also taught for teachers and were held at Boston area schools such as Simmons College, Boston University, and Franklin Union.

Helping its immigrant workforce was just one example of United Shoe fostering skills for living in the world. United Shoe also sought to weave into its English lessons and hands-on training with machinery, "civic literacy" with lessons about Washington's Birthday, the flag, and the Constitution. A page from an employee's copybook shows a lesson an employee practiced writing titled, "The Declaration of Independence."

This series primarily consists of textbooks and lesson plans used for teaching the English language and American citizenship to immigrants. Most of the texts promote middle class values and habits along with instruction in the language. The earliest textbook, *English for Foreigners*, dates from 1909. There are also a number of students' copy books, 1935-1938, containing practice writing and spelling exercises. In addition, one folder contains a number of miscellaneous lessons and teaching aids, which were used for English and civics instruction. These include lessons on "Keeping the Child Well," Care of the Eyes, and "How to be Happy;" a copy of the Pledge of Allegiance; labels and cards containing words such as "up," "down," "push;" and cut out pictures from magazines, evidently for use as visual aids. There are also application forms for naturalization, United States Department of Labor Citizenship Declaration Cards, circa 1911, and a number of plant survey cards for English and citizenship classes. Included are English lessons for immigrant employees seeking American

citizenship. Prepared by the Massachusetts Department of Education, University Extension, the courses offered were free to all residents of the State of Massachusetts. The courses were wide ranging, and included language, economics, mathematics, government, civil service, drawings, electricity, natural science, and homemaking. Courses were also taught for teachers and were held at Boston area schools such as Simmons College, Boston University and and Franklin Union.

There are seventy-two lessons from the "intermediate series" (bound) and thirty-six lessons from the "industrial series" (loose). The lessons consist of short written selections and lists of sentences to be repeated by the participant. The lesson topics included buying clothes, buying groceries, riding on the elevator, being a good American, civic creed, and Independence Day.

Subseries 11.1: English for American Citizenship (Industrial Series), 1919 - 1921, 1912

Box 124, Folder 1	English for American Citizenship (Industrial Series), 1919
Box 124, Folder 2	Lesson 1, Pulling the check, 1919
Box 124, Folder 3	Lesson 3, Buying clothes (women), 1919
Box 124, Folder 4	Lesson 4, How Max Spends His Money, 1919
Box 124, Folder 5	Lesson 5, Day Work and Piece Work, 1919
Box 124, Folder 6	Lesson 7, Helping the New Man (Men), 1919
Box 124, Folder 7	Lesson 8, A Pass-Out, 1919
Box 124, Folder 8	Lesson 9, Asking Directions to the Factory, 1919
Box 124, Folder 9	Lesson 12, Buying Groceries, 1919
Box 124, Folder 9	English for American Citizenship. / Industrial Series. / Lesson XII. / Buying Groceries. [document], 1919 1 Item (Ink on paper.; 9.1" x 5.9") Creator: United Shoe Machinery Corporation Language: English. Notes: AC0277-0000005 (AC Scan) Topic: Citizenship Shoe machinery English language -- Education Genre/Form: Instructional materials
Box 124, Folder 10	Lesson 13, The United States Free Employment Service, 1919
Box 124, Folder 11	Lesson 14, Removing Dirt from the Eye, 1919
Box 124, Folder 12	Lesson 15, The Fire Drill, 1919
Box 124, Folder 13	Lesson 16, Why Maria Always Wears a Cap, 1919

Box 124, Folder 14	Lesson 17, Care of Cuts and Burns, 1919
Box 124, Folder 15	Lesson 18, How James was Injured, 1919
Box 124, Folder 16	Lesson 19, Riding in an Elevator, 1919
Box 124, Folder 17	Lesson 20, Burning Clothing, 1919
Box 124, Folder 18	Lesson 21, Accidents Due to Wearing High Heels, 1919
Box 124, Folder 19	Lesson 24, Just One Smoke (part 1), 1919
Box 124, Folder 20	Lesson 25, Just One Smoke (part 2), 1919
Box 124, Folder 21	Lesson 26, How John Stopped a Man from Bleeding, 1919
Box 124, Folder 22	Lesson 27, Frank, the Brakeman (part 1), 1919
Box 124, Folder 23	Lesson 28, Frank, the Brakeman (part 2), 1919
Box 124, Folder 24	Lesson 30, Artificial Respiration, 1919
Box 124, Folder 25	Lesson 31, Workmen's Compensation, 1919
Box 124, Folder 26	Lesson 32, Accident Prevention Rules for Factory Employees, 1919
Box 124, Folder 27	Lesson 34, The State Bureau of Immigration, 1919
Box 124, Folder 28	Lesson 35, Washington's Birthday, 1919
Box 125, Folder 1	Lesson 36, Lincoln's Birthday, 1919

Subseries 11.2: English for American Citizenship (Intermediate Series), 1921

Box 125, Folder 2	Lessons 3-72 (bound), 1921
The Declaration of Independence [student notes], Circa 1920	
1 Item (Graphite on paper.; 5.2" x 8.4")	
Collector:	United Shoe Machinery Corporation
Creator:	United States
Language:	English.
Notes:	AC0277-0000007 (AC Scan)
Topic:	Citizenship Shoe machinery English language -- Education
Genre/Form:	Essays

Box 125, Folder 3	English for American Citizenship (Introductory Set), 1919
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Box 125, Folder 4	English for American Citizenship (Intermediate Set), 1919
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Subseries 11.3: Text Books, 1909 - 1938

Box 125, Folder 5	A Practical Reader for Adults, 1930
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Box 125, Folder 6	Teacher's Manual for A Practical Reader for Adults
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Plant survey for English and citizenship classes, [card], Circa 1920

1 Item (Ink on paper.; 3.0" x 4.8")

Creator: United Shoe Machinery Corporation

Language: English.

Notes: AC0277-0000006 (AC Scan)

Survey to discover employee knowledge of English, willingness to attend school, and nationality.

Topic: Citizenship

Shoe machinery

English language -- Education

Genre/Form: Questionnaires

Box 125, Folder 7	Miscellaneous Lessons and Teaching Aids (includes Thompson's minimum essentials quick oral test and study papers), 1913, undated
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Box 125, Folder 8	Students' Copy Books, 1938, 1935, 1935 - 1938
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Box 125, Folder 9	Forestry Primer, 1928
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Box 125, Folder 9	Commonwealth of Massachusetts, Department of Education, Division of University Extension, Reading Lessons for Citizenship Training , 1937
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Box 126	Goldberger, H.A. English for Coming Citizens, 1918
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Box 126	Goldberger, H.H. Intermediate English for Coming Citizens, 1924
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Box 126	O'Brien, Sara R. English for Foreigners, Book One, 1909
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Box 126	Beshgeturian. New World Language Series, Foreigner's Guide to English, 1917
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Box 126	Prior and Ryan. How to Learn English: A Reader for Foreigners, 1913
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Box 126	Bryce and Sherman. The Aldine Speller: Part Four, for Grades Seven and Eight, 1916
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Box 126	Plass, Anna A. Civics for Americans in the Making, 1912
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Box 126	United States Department of Labor. Federal Citizenship Textbook. Part I: English for American Citizenship, 1921
Box 126	United States Department of Labor. Federal Textbook on Citizenship Training. Part I: Our Language, 1924
Box 126	United States Department of Labor. Federal Textbook on Citizenship Training. Part I: Our Language, 1936
Box 126	United States Department of Labor. Federal Citizenship Textbook: A Course of Instruction for Use in the Public Schools by the Candidate for Citizenship. Penmanship Sheets, 1921
Box 126	Tarr and McMurray. New Geographies, 1915

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Series 12: Northeastern University Students' Cooperative Work, 1951 - 1960

Scope and Contents: This series consists of twenty-two dossiers on individual engineering students who participated in a cooperative work program at the United Shoe Machinery Corporation, sponsored by Northeastern University. Each file includes an interview form with personal data; a proposed training program; school transcripts; foremens' evaluations of the students' work; and miscellaneous correspondence about interviews, duties, and work progress.

Box 127, Folder 1 Bulygo, John C.

Box 127, Folder 2 Breslin, George W.

Box 127, Folder 3 Beaulieu, Elphege A.

Box 127, Folder 4 Crawford, Juan H.

Box 127, Folder 5 Curtis, Kenneth L.

Box 127, Folder 6 d'Entremont, Norman A.

Box 127, Folder 7 Duratti, Alfred J.

Box 127, Folder 8 Estes, Richard W.

Box 127, Folder 9 Feeley, Robert F.

Box 127, Folder 10 Foley, Lawrence A.

Box 127, Folder 11 Henricks, Paul V.

Box 127, Folder 12 Hiseler, Kenneth W.

Box 127, Folder 13 Hopkins, Donald A.

Box 127, Folder 15 Hough, Harold L.

Box 127, Folder 15 Kelley, Robert W.

Box 127, Folder 16 Longobardi, Ralph E.

Box 127, Folder 17 McHugh, William E.

Box 127, Folder 18 Meagher, George F.

Box 127, Folder 19 O'Brien, John H.

Box 127, Folder 20 Rapisarda, Thomas G.

Box 127, Folder 21 Rehn, Albert H.

Box 127, Folder 22 Sanchez Stephan J.

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Series 13: Aberthaw Construction Company Records, 1918 - 1920

Scope and Contents: The Aberthaw Construction Company (contracting engineers) of Boston was founded in 1894 and specialized in concrete. The company made walks, stairways, and vault and building foundations. This series is divided into four subseries: Subseries 1, Correspondence, 1918-1919; Subseries 2, Reports, 1919-1920; Subseries 3, Purchase Orders, 1919-1920; and Subseries 4, Receiving Reports, 1919-1920. It consists of correspondence, reports, purchase orders and receiving reports for work the Aberthaw Construction Company completed for United Shoe Machinery Corporation.

Subseries 1, Correspondence, 1918-1919, consists primarily of correspondence addressed to and from the Aberthaw Construction Company about work estimates and construction materials. There is a typescript copy of A.B. Cohen's paper "Reinforced Concrete Flat-Slab Railway Bridges," that appeared in *Proceedings of the American Concrete Institute*, 1918.

Subseries 2, Reports, 1919-1920, documents the weather conditions and describes what work occurred, how many men were on site and the number of hours worked. The reports were written in longhand and then transcribed.

Subseries 3, Purchase Orders, 1919-1920, consists of documentation describing the materials purchased for United Shoe Machinery projects through Aberthaw Construction's Purchasing Department, an agent for United Shoe. Invoices for materials were sent directly to United Shoe Machinery. All of the purchase orders have a job number of 1172, presumably a number assigned to United Shoe machinery and other alphanumeric designations such as E2554.

Subseries 4, Receiving Reports, 1919-1920, consists of reports documenting the receipt of goods, especially construction materials, for projects. The reports are arranged alphabetically by the name of the company furnishing the goods.

Subseries 13.1: Correspondence, 1918 - 1919

Box 164, Folder 1

Subseries 13.2: Reports, 1919 - 1920

Box 164, Folder 2	Reports, 1919 October
Box 164, Folder 3	Reports, 1919 November
Box 164, Folder 4	Reports, 1919 December
Box 164, Folder 5	Reports, 1920 January
Box 164, Folder 6	Reports, 1920 February
Box 165, Folder 1	Reports, 1920 March
Box 165, Folder 2	Reports, 1920 April
Box 165, Folder 3	Reports, 1920 May

Box 165, Folder 4	Reports, 1920 June
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Subseries 13.3: Purchase Orders, 1919 - 1920

Box 165, Folder 5	D188 to D2952, 1919
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Box 165, Folder 6	D9251 to D9349, 1919
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Box 165, Folder 7	D9351 to D9400, 1919 - 1920
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Box 166, Folder 1	D9401-D9467, 1920
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Box 166, Folder 2	D9551 to D9600, 1919
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Box 166, Folder 3	D11281 to D31273, 1919 - 1920
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Box 166, Folder 4	E275 to E6946, 1919
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Subseries 13.4: Receiving Records, 1919 - 1920

Box 166, Folder 5	Receiving records (A), 1919 - 1920
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Box 166, Folder 6	Receiving records (B), 1919 - 1920
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Box 166, Folder 7	Receiving records (C), 1919 - 1920
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Box 166, Folder 8	Receiving records (D-E), 1919 - 1920
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Box 166, Folder 9	Receiving records (H), 1919 - 1920
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Box 166, Folder 10	Receiving records (L-M), 1919 - 1920
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Box 166, Folder 11	Receiving records (O-R)), 1919 - 1920
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Box 166, Folder 12	Receiving records (S-U), 1919 - 1920
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Box 166, Folder 13	Receiving records (W), 1919 - 1920
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Series 14: Publications, 1898 - 1987

Scope and Contents: This series contains issues of the company's employee magazines and a number of the self promotional publications it sponsored. There are also bound catalogs for the H.E. Smith & Company, proprietors of Nox Em' All Shoes, 1898-1930.

Subseries 1, catalog, depict and describe all the shoe making equipment, tools, and supplies manufactured by United Shoe, and provide information on specifications and prices. Many of the catalogs are annotated with hand-written revisions and several contain extensive notes about various machines. The *USMC Marking Machine*, circa 1940 *Type Style and Specification Book*, circa 1940, and shows examples of all the types of markings that USMC placed on its products. The 1969 book *Machine Names & Symbols* lists the company's authorized machine names and their symbols. The materials are arranged chronologically.

This series also contains a complete run of *The Three Partners* from July 1914 to December 1920. This employee magazine was published by the United Shoe Machinery Corporation Athletic Association and is typical of company magazines published at large corporations. It contains information on events within the factory and in branch offices; tips on machinery use and safety; photographs of employees, their families, and their activities; biographic profiles of managers and executives; and articles on American business and labor relations. In addition, the issues published during the war years feature United Shoe employees serving in the military; war-related activities in the factory and on the home front; and a feature page of war photographs.

A later employee magazine, *USM Today*, is also included in this series. It began publication in 1969, under the direction of the company's Public Relations Department. Heavily illustrated, it focuses on new developments among the many international branches and subsidiaries of the USM Corporation. Issues from 1969-1974 are included in the series. Another employee publication, *Beverly Today*, is a heavily illustrated newspaper published exclusively for employees at the Beverly factory site. The focus of this bi-monthly publication is on the employees and their activities, both on and off the job. Issues from 1979-1985 are included. The *Quarter Century Club News* is a news magazine published by the Quarter Century Club, which had been founded in 1926 for employees who had completed 25 years of employment with United Shoe. Its focus is on the personal activities of employees, both active and retired. The magazine covers all branches of the company's operations and it, too, is heavily illustrated with photographs. Included in this series are issues from 1977-1987.

Two publications of particular interest in this series are *An Industrial City* and *The Story of Three Partners*, both published in 1911. These two publications are intended to portray the company's warm benevolence towards and concern for its employees.

Subseries 14.1: Catalogs (USMC), 1899 - 1961

Box 169, Folder 1	Illustrated Catalogue of Shoe Machinery, [1902?]
Box 169, Folder 2	Illustrated Catalogue of Shoe Machinery, number 2, loaned to E.D. Cox, 1902
Box 169, Folder 3	Illustrated Catalogue of Shoe Machinery, number 16, loaned to Mr. Clark, 1902
Box 170, Folder 1	Book of General Information for Agents, copy 1, 1908
Box 170, Folder 2	Book of General Information for Agents, copy 2, 1908

Box 170, Folder 3	Book of General Information for Agents, copy 3, 1908
Box 170, Folder 4	Maschien-Katalog der Deutschen Vereinigten Schuhmaschinen Gesellschaft, Stanzeri-Maschinen, Abteilung 2, 1910
Box 170, Folder 5	Maschien-Katalog der Deutschen Vereinigten Schuhmaschinen Gesellschaft, Ueberhol und Zwick System, Abteilung 3, 1910
Box 170, Folder 6	Maschien-Katalog der Deutschen Vereinigten Schuhmaschinen Gesellschaft, Goodyear Welt System, Abteilung 4, 1910
Box 170, Folder 7	Maschien-Katalog der Deutschen Vereinigten Schuhmaschinen Gesellschaft, Bodenbefestigung Absatz u. Ausputz Maschinen, Abteilung 5, 1910
Box 171, Folder 1	Finishing Wheels, Rolls and Accessories, 1913
Box 171, Folder 2	Illustrated Catalogue of Shoe Machinery, Foreign Department, 1914
Box 171, Folder 3	United Shoe Machinery Corporation, Goodyear Department, 1917
Box 171, Folder 4	Accessories and Findings for Boot and Shoe Manufacturers and Repairers (Foreign Department), 1919
Box 172, Item 1	Accessories and Findings, When and Where for Boot and Shoe Manufacturers and Repairers (Foreign Department), 1919
Box 173, Folder 1	Goodyear Shoe Repairing Machinery, 1922 - 1926
Box 173, Folder 2	Catalog of Supplies, 1925
Box 173, Folder 3	USMC Brushes, 1930
Box 173, Folder 4	USMC Marking Machine, circa 1940
Box 173, Folder 5	Salesman's Manual, 1941
Box 172, Item 2	Shoemakers Handbook, 1941
Box 173, Folder 6	USMC Standardized Knife List (KZG), 1943
Box 173, Folder 7	USMC United Shoe Factory Supplies for Shoe Repairing Modern Equipment Supplies and Shoe Tools, 1948
Box 174	USMC Machines (four copies), circa 1940
Box 175	USMC Machines (four copies), circa 1940

Box 178, Folder 2	Tools for the Shoemaker, 1940s-1950s
Box 178, Folder 3	Tools for the Shoemaker, 1950
Box 178, Folder 4	USMC Supplies for Shoe Repairing, Dealer Price List, 1950
Box 178, Folder 5	Shoemaking Supplies, 1955
Box 178, Folder 6	Machinery Handbook, 1955
Box 179, Item 1	Machinery Handbook, 1956 - 1967
Box 179, Item 2	Machinery Handbook, [1960s?]
Box 180, Item 1	Machinery Terms and Specifications, 1955 - 1967
Box 180, Folder 1	USMC United Repair Outfit Findings, [1940s-1960s?]
Box 180, Folder 2	Machine Names and Symbols, 1969
Box 180, Folder 3	Commercial machines, agitator to finishing, undated
Box 181, Folder 1	Commercial machines, fitting to outsoleing, undated
Box 181, Folder 2	Commercial machines, pasting to shearing, undated
Box 181, Folder 3	Commercial machines, skiving to wiring, undated
Box 181, Folder 4	Tools for the Shoemaker, undated
Box 181, Folder 5	USMC Cans and Receptacles, undated
Box 181, Folder 6	Small tools and supplies, undated

Subseries 14.2: *Beverly Today*, 1979 - 1985

Box 167, Folder 1

Subseries 14.3: Machinery Division Newsletter, 1969 - 1970

Box 167, Folder 2

Subseries 14.4: *The Three Partners* , 1914 - 1920

Box 128, Folder 1	The Three Partners (front and back boards), 1914 - 1917
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Box 128, Folder 2	The Three Partners, 1914 July-1914 December
Box 128, Folder 3	The Three Partners, 1915 January-1915 June
Box 128, Folder 4	The Three Partners, 1915 July-1915 December
Box 128, Folder 5	The Three Partners, 1916 January-1916 June
Box 128, Folder 6	The Three Partners, 1916 July-1916 December
Box 128, Folder 7	The Three Partners, 1917 January-1917 June
Box 128, Folder 8	The Three Partners, 1917 July-1917 December
Box 129, Folder 1	The Three Partners, 1918 January-1918 June
Box 129, Folder 2	The Three Partners, 1918 July-1918 December
Box 129, Folder 3	The Three Partners, 1919 January-1919 June
Box 129, Folder 4	The Three Partners, 1919 July-1919 December
Box 129, Folder 5	The Three Partners, 1920 January-1920 June
Box 129, Folder 6	The Three Partners, 1920 July-1920 December

Subseries 14.5: *USM Today*, 1968 - 1976

Box 167, Folder 3	USM Today, 1968 September
Box 167, Folder 4	USM Today, 1969 May-1969 December
Box 167, Folder 5	USM Today, 1970 January-1970 May
Box 167, Folder 6	USM Today, 1970 June-1970 December
Box 168, Folder 1	USM Today, 1971 January-1971 August
Box 168, Folder 2	USM Today, 1973 - 1976

Subseries 14.6: *Quarter Century Club News* , 1977 - 1987*Box 168, Folder 3*

Subseries 14.7: H.E. Smith & Company Catalogs, 1898 - 1930

Box 131, Folder 1	H.E. Smith & Company Catalogue, 1898 - 1902
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Box 131, Folder 2	H.E. Smith & Company Catalogue, 1903 - 1909
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Box 131, Folder 3	H.E. Smith & Company Catalogue, 1910 - 1913
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Box 131, Folder 4	H.E. Smith & Company Catalogue, 1914 - 1917
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Box 132	H.E. Smith & Company Catalogue, 1918-1924
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Box 132	H.E. Smith & Company Catalogue, 1926-1930
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Series 15: Product Literature, 1952 - 1979

Scope and Contents: This series consists of product literature, 1952-1979, documenting equipment and machines made by United Shoe Machinery and its divisions or subsidiaries. Farrel Company Division of Rochester, New York and Ansonia and Derby, Connecticut, are also well represented. Technical data such as weight, dimensions, work surfaces, strikes, cycle speeds, operating specifications, and sales and order information are provided. In some instances there is literature that describes the work and programs at the division or department level. The materials are arranged alphabetically.

Box 182, Folder 1	Adhesive applying, 1970
Box 182, Folder 2	Advanced development and Systems Department, circa 1960s
Box 182, Folder 3	Aluminum extrusion presses, 1974
Box 182, Folder 4	Atomic Power Department
Box 183, Folder 5	Automated pelletizing system, undated
Box 182, Folder 6	Automatic leveling, undated
Box 182, Folder 7	Automatic edge shaping, undated
Box 182, Folder 8	Automatic systems, 1979
Box 182, Folder 9	Backpart molding and assembling machines, [1960s-1970s?]
Box 182, Folder 10	Banbury mixers, 1970
Box 182, Folder 11	Breast flap trimming, 1960s
Box 182, Folder 12	Castings, 1976
Box 182, Folder 13	Cementing, 1960s
Box 182, Folder 14	Clamp machinery, undated
Box 182, Folder 15	Contract manufacturing capabilities, [1963?]
Box 182, Folder 16	Cutting equipment, 1960s
Box 182, Folder 17	Cutting, 1979
Box 182, Folder 18	Drill grinders, 1960s
Box 182, Folder 19	Drying and heating, 1960s

Box 182, Folder 20	Dyna/Pert, 1960s
Box 183, Folder 1	Dynasert, 1960s
Box 183, Folder 2	Electrobeam machine tools, 1975
Box 183, Folder 3	Equipment and machine information, 1960s
Box 183, Folder 4	Eyeletting, 1953 - 1962
Box 183, Folder 5	Exports, 1979
Box 183, Folder 6	Extrusion, undated
Box 183, Folder 7	Farrel continuous mixers, 1970
Box 183, Folder 8	Farrel Corporation (general information about the company), 1970s
Box 183, Folder 9	Fasteners, 1965, 1967
Box 183, Folder 10	Fitting, 1979
Box 183, Folder 11	Fluid mechanics, 1960s
Box 183, Folder 12	Footwear materials, 1979
Box 183, Folder 13	Gear units, undated
Box 183, Folder 14	General information, 1979
Box 183, Folder 15	General machinery, 1979
Box 183, Folder 16	Generator frame machining, undated
Box 183, Folder 17	Geometric heeling system, 1960s
Box 184, Folder 1	Geometric last system, 1955 - 1959
Box 184, Folder 2	Harmonic drive, 1960s
Box 184, Folder 3	Heel nailing and fastening, 1960s
Box 184, Folder 4	Hydroload, 1970s
Box 184, Folder 5	Injection molding, 1960s-1970s
Box 184, Folder 6	Injection molding, 1979

Box 184, Folder 7	Insole beveling and recessing, 1960s
Box 184, Folder 8	Insole tacking, 1960s
Box 183, Folder 9	Laboratory equipment, 1969
Box 183, Folder 10	Lasting, 1979
Box 184, Folder 11	Lathes, 1970s
Box 184, Folder 12	Leather measurement system, 1960s
Box 184, Folder 13	Machine/shoe knives, 1960s
Box 184, Folder 14	Metal stamping, 1960s
Box 184, Folder 15	Mixers/extruders, undated
Box 184, Folder 16	Outsole finishing, 1960s
Box 184, Folder 17	Parabolt concrete anchors (The Molly Company), 1969
Box 184, Folder 18	Parts, 1979
Box 184, Folder 19	Pattern grading, 1960s
Box 184, Folder 20	Perforating machine punches, 1955
Box 184, Folder 21	Pfaff sewing machines, 1979
Box 185, Folder 1	Powasert automatic fastening systems nailers and screwdrivers, 1970
Box 185, Folder 2	Powasert, 1979
Box 185, Folder 3	Presses, undated
Box 185, Folder 4	Process laboratory, 1965
Box 185, Folder 5	Processing equipment, undated
Box 185, Folder 6	Product directory, 1966 - 1968
Box 185, Folder 7	Product equipment, 1979
Box 185, Folder 8	The Products of USM, 1968 - 1970
Box 185, Folder 9	Pulling and lasting machines, 1960s-1970s

Box 185, Folder 10	Railroad wheel-shop equipment, 1970s
Box 185, Folder 11	Reforming machine, [1971?]
Box 185, Folder 12	Roll grinder, 1968
Box 185, Folder 13	Roll measurement and tolerances, 1967 - 1968
Box 185, Folder 14	Roll top folding, 1960s
Box 185, Folder 15	Roughing machines, 1960s
Box 185, Folder 16	Rubber industry, 1965
Box 185, Folder 17	Rubber and plastics calendar, 1969
Box 185, Folder 18	Screw drives (Ingersoll Rand), 1963
Box 185, Folder 19	Screw and extruding machine, 1970, 1969, 1965
Box 185, Folder 20	Seat molding and fastening, 1960s
Box 185, Folder 21	Selected equipment, 1960s
Box 185, Folder 22	Servomechanics regulators control systems, 1960s
Box 186, Folder 1	Socket screws (Parker-Kallon Corporation), 1960s
Box 186, Folder 2	Sole rib attaching, 1960s
Box 186, Folder 3	Speed reducers, 1968
Box 186, Folder 4	Stitching, 1960s
Box 186, Folder 5	Sugar cane machinery, 1971
Box 186, Folder 6	Thermo cementing and folding, 1960s
Box 186, Folder 7	Thermoplastic sole machine, 1960s
Box 186, Folder 8	Thermoplastic upper reinforcing machine, 1960s
Box 186, Folder 9	Transporter systems, 1960s
Box 186, Folder 10	Tru-line printed on process, 1960s
Box 186, Folder 11	Underwater granulator, 1970s

Box 186, Folder 12	Vamp performing machines, 1960s
Box 186, Folder 13	Vertical boring mills, 1975
Box 186, Folder 14	Welding and cutting, undated
Box 186, Folder 15	Welts, 1965 - 1968
Box 186, Folder 16	Goodyear shoe repairing machinery, 1930
Box 186, Folder 17	36 new machines in 5 years, 1952
Box 186, Folder 18	And no skill needed with BU welding and cutting, [1968?]
Box 186, Folder 19	United Machinery Group, cutting and fitting, [1971?]
Box 186, Folder 20	New dimensions in the footwear industry, 1972
Box 186, Folder 21	The second industrial revolution brought to you by USM Corporation, undated
Box 186, Folder 22	USM Now, selected equipment, undated

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Series 16: Advertising and Marketing Materials, 1902 - 1981

Scope and Contents: This series consists of advertisements, sales and marketing information, scrapbooks, news releases, publicity, and newsclippings.

The advertising and sales materials include plans, style guides, presentations, seminars and meeting notes for United Shoe's strategy in promoting its products within the footwear industry. The market studies and plans provide detailed analyses of materials, financial shares of the market, competitor in dollar terms, and the viability of their product in the U.S. market.

The United Shoe scrapbooks, 1902-1951, contain advertisements primarily for United Shoe Machinery Company. They consist of scrapbook pages with mounted ads, but there is one folder of loose ads. The scrapbooks are arranged using a numeric and later, alpha-numeric pagination system. The majority of the ads feature shoe making equipment, but there is some ethnic imagery such as the "Oriental Shoe Manufacturer" (ad number 371), box 133, folder 3. Some ads are in color and feature images of women.

The competitor's scrapbooks, 1914-1917, are arranged chronologically and contain advertisements from American Shoe Machinery, Campello Machine Company, Fortuna Machine Company, and others. Indices for each year provide an alphabetical index and access to specific companies and ads.

The majority of news releases consist of documentation for promotions, appointments, and retirements at USM Corporation. In some instances, black and white copy prints of the United Shoe Machinery employee or employees are included.

The publicity materials consist primarily of trade magazine publicity featuring USM Corporation, although there is some correspondence and news releases. Some publications include *Leather and Shoe*, *The Boston Globe*, the Boston Herald American, *Beverly Times*, *Journal of the British Boot and Shoe Institution*, *American Shoemaking*, *Modern Plastics*, and *Footwear News*.

The newsclippings consist of materials from trade journals and newspapers that reference United Shoe Machinery Corporation, its divisions, or shoemaking in general. There is a small album of photographs containing images of shoe manufacturing executives. The materials are arranged chronologically.

Box 187, Folder 1	Sales Department record and follow-up system, 1940 October
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Box 187, Folder 2	Sales Manual, footwear cutting system, [1969?]
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Box 187, Folder 3	Sales Meeting (new product sales information), 1981 March
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Box 187, Folder 3-5	Corporate Systems (presentation), 1970
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Box 187, Folder 6	Advertising plan, 1973
-------------------	------------------------

Box 187, Folder 7	Advertising plan, 1974
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Box 187, Folder 8	Sales and marketing information for the United Shoe Machinery pulling, toe and side lasting machine, model RB, 1978
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Box 187, Folder 9	Corporate style for advertising, 1970s
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Box 187, Folder 10	Corporate style for exhibitions, 1970s
Box 188, Folder 1	Sales Seminar (Lasting Department), 1974 September
Box 188, Folder 2	Sales Meeting (new product sales information), 1981 March
Box 188, Folder 3	Goodyear Welt Market Information Study (new product planning and market services), 1968 August
Box 188, Folder 4	Mechanization in the shoe industry (new product planning and market services), 1968 October
Box 188, Folder 5	Footwear industry analysis, 1970 December
Box 188, Folder 6	Domestic footwear industry trends, 1970 December
Box 188, Folder 7	Market study (materials), 1974 May
Box 188, Folder 8	Marketing plan (Lasting Department), 1975 February
Box 188, Folder 9	Shoe machine strategy (preliminary marketing plan), 1976 May
Box 176, Box 2	Advertisements, 1902 - 1951
Box 176, Folder 2	Advertisements, 1974
Box 176, Folder 3	Advertisements (W.L. Douglas shoe ad), undated
	United Shoe Scrapbooks, 1902 - 1951
Box 133, Folder 1	Miscellaneous advertisements (loose), undated
Box 133, Folder 2	Page numbers 100-232, 1902
Box 133, Folder 3	Page numbers 233-375, undated
Box 133, Folder 4	Page numbers 376-500, undated
Box 134, Folder 1	Page numbers 501-631, undated
Box 134, Folder 2	Page numbers 632-780
Box 134, Folder 3	Page numbers 781-899, 1911 - 1912
	Page numbers 1000-1110, 1914
Box 135, Folder 1	Page numbers, A-100 to A-251, 1921

Box 135, Folder 2	Page numbers, A-252 to A-421, 1921 - 1922
Box 135, Folder 3	Page numbers, A-422 to A-499, 1922 - 1923
Box 135, Folder 4	Page numbers, A-738 to A-928, 1924 - 1925
Box 135, Folder 5	Page numbers, A-929 to A-999, 1925 - 1926
Box 136, Folder 1	Page numbers, B-1 to B-78, 1926
Box 136, Folder 2	Page numbers, B-79 to B-154, 1926
	Page numbers, B-155 to B-236, 1926 - 1927
Box 136, Folder 4	Page numbers, B-237 to B-299, 1927
Box 137, Folder 1	Page numbers, B-300 to B-360, 1927
Box 137, Folder 2	Page numbers, B-361 to B-410, 1927 - 1928
Box 137, Folder 3	Page numbers, B-411 to B-460, 1928
Box 137, Folder 4	Page numbers, B-461 to B-489, 1928
Box 137, Folder 5	Page numbers, B-576 to B-690, 1928 - 1929
Box 138, Folder 1	Page numbers, B-691 to B-760, 1929
Box 138, Folder 2	Page numbers, B-761 to B-803, 1929
Box 138, Folder 3	Page numbers, B-804 to B-850, 1930
Box 138, Folder 4	Page numbers, B-851 to B-910, 1930
Box 139, Folder 1	Page numbers, B-911 to B-998, 1930
Box 139, Folder 1	Page numbers, C-1 to C-686, 1930 - 1931
Box 139, Folder 3	Page numbers, C-935 to C-980, 1948 - 1949
Box 139, Folder 4	Page numbers, C-981 to C-999 and D-1 to D-20, 1949
Box 139, Folder 5	Page numbers, D-21 to D-55, 1949 - 1951
Competitors Scrapbooks, 1914 - 1917	
Box 140, Folder 1	Scrapbook, Index, 1914

Box 140, Folder 2	Scrapbook, Page numbers, 1-150, 1914
Box 140, Folder 3	Scrapbook, Page numbers, 151-320, 1914
Box 140, Folder 4	Scrapbook, Page numbers, 324-424, 1914
Box 141, Folder 1	Scrapbook, Index, 1915
Box 141, Folder 2	Scrapbook, Page numbers, 1-140, 1915
Box 141, Folder 3	Scrapbook, Page numbers, 141-300, 1915
Box 141, Folder 4	Scrapbook, Page numbers, 301-429, 1915
Box 141, Folder 5	Scrapbook, Index, 1916
Box 141, Folder 6	Scrapbook, Page numbers, 1-127, 1916
Box 141, Folder 7	Scrapbook, Page numbers, 128-214, 1916
Box 142, Folder 1	Scrapbook, Index, 1917
Box 142, Folder 2	Scrapbook, Page numbers, 1-108, 1917
Box 142, Folder 3	Scrapbook, Index, 1918
Box 142, Folder 4	Scrapbook, Page numbers, 1-100, 1918
Box 142, Folder 5	Scrapbook, 1919 January-1919 September
News Releases, 1974 - 1975	
Box 190, Folder 3	News releases, 1974 April-1974 May
Box 190, Folder 4	News releases, 1974 June-1974 July
Box 190, Folder 5	News releases, 1974 August-1974 September
Box 190, Folder 6	News releases, 1974 November
Box 190, Folder 7	News releases, 1975
Publicity, 1973	
Box 189, Folder 1-2	Publicity, 1973
Box 189, Folder 3-4	Publicity, 1974

Box 190, Folder 1-2	Publicity, 1975
Newsclippings, 1899 - 1957	
Box 145, Folder 1	Newsclippings, 1899 - 1910
Box 145, Folder 2	Newsclippings, 1911 January-1911 November
Box 145, Folder 3	Newsclippings, 1911 November-1911 December
Box 145, Folder 4	Newsclippings, 1912
Box 146, Folder 1	Newsclippings, 1913 - 1914
Box 146, Folder 2	Newsclippings, 1915 - 1918
Box 146, Folder 3	Newsclippings (shoemaking), 1914 - 1915
Box 146, Folder 4	Photo scrapbook of shoe manufacturer executives (with newsclippings), circa 1910-1911
Box 177, Folder 4	Newsclippings (The Boston Daily Tribune), 1907
Box 147, Folder 6	Newsclippings (USMC trusts, royalty system), 1906
Box 147, Folder 7	Newsclippings (USMC trusts, royalty system), 1910
Box 147, Folder 8	Newsclippings (USMC trusts, royalty system), 1911
Box 147, Folder 9	Newsclippings (USMC trusts, royalty system), 1912 January-1912 June
Box 147, Folder 10	Newsclippings (USMC trusts, royalty system), 1912 July-1912 December
Box 147, Folder 11	Newsclippings (USMC trusts, royalty system), 1913
Box 147, Folder 12	Newsclippings (USMC trusts, royalty system), 1915, 1917
Box 143	Newsclipping scrapbook of D.S. Knowlton, 1913 - 1915
Box 144	Newsclipping scrapbook of D.S. Knowlton, 1917 - 1918
Box 147, Folder 1	Newsclippings, Modern Shoemaking, 1915 - 1916
Box 147	Newsclippings, Modern Shoemaking, 1919 - 1920
Box 147, Folder 3	Newsclippings, American Shoemaking, 1926 - 1931

Box 147, Folder 4	Newsclippings, American Shoemaking, 1930 - 1931
Box 147, Folder 5	Newsclippings, American Shoemaking, 1926 - 1932
Box 148, Item 1	Newsclippings (scrapbooks), 1925 September-1929 February
Box 148, Item 2	Newsclippings (scrapbooks), 1929 August-1931 March
Box 149, Item 1	Newsclippings (scrapbooks), 1931 March-1933 August
Box 149, Item 2	Newsclippings (scrapbooks), 1933 September-1935 April
Box 150, Item 1	Newsclippings (scrapbooks), 1935 August-1939 January
Box 150, Item 2	Newsclippings (scrapbooks), 1939 January-1942 June
Box 130, Folder 1	Newsclippings (anti-trust legal suit), 1947 - 1950
Box 130, Folder 2	Newsclippings (anti trust legal suit), 1951
Box 146, Folder 5	Newsclippings (Beverly Factory), 1957
Box 176, Folder 4	Newsclippings, 1898, 1933
Box 190, Folder 8	Newsclippings, 1962
Box 190, Folder 9	Newsclippings, 1971 - 1973
Box 190, Folder 10	Newsclippings, 1975 January-1975 April
Box 190, Folder 11	Newsclippings, 1975 May-1975 June
Box 190, Folder 12	Newsclippings, 1976 January

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Series 17: Photographs, 1907 - 1981

Scope and Contents: This series consists of black and white and color photographs (originals, copy prints, and later prints), postcards, glass plate negatives (silver gelatin on glass) and film negatives (silver gelatin on cellulose acetate safety film) documenting the United Shoe Machinery Corporation and its activities. Images include, but are not limited to, portraits of United Shoe Machinery executives, employees, ledger pages from bound volumes, drawings/blueprints (especially wiring diagrams), the arrival of trains, factories and buildings (with directional views north, south, east and west), trucks, construction work, interior offices, bicycles used by employees, and hospital interiors with operating rooms. The materials are arranged topically. The film negatives and the glass plate negatives contain images of machinery manufactured by the company and other topics depicted in the employees, equipment/products, and factories/buildings subseries.

Subseries 17.1: Employees, 1907 - 1981

Box 176, Folder 5	United Shoe Bowling League, 1907 May
Box 176, Folder 6	Beverly Industrial School football team, 1913
Box 176, Folder 6	[Beverly Industrial School football team, Massachusetts, photoprint], 1913 1 Item (Silver gelatin on paper.; 9.4" x 9.8") Collector: United Shoe Machinery Corporation Language: English. Notes: AC0277-0000011 (AC Scan) Unrestricted research use by appointment. Photographs must be handled with cotton gloves unless protected by sleeves. With typed list of subjects. Topic: Trade schools Football teams Shoe machinery Genre/Form: Photographs -- 1900-1910 -- Black-and-white photoprints
Box 192	Brockton, Massachusetts (office staff), 1910 - 1916, 1944
Box 192	Branch Office (at Beverly Factory), 1915 June 16
Box 192	Order Department, 1916
Box 192	Annual banquet (for superintendents and foremen), 1916 April 13
	"B" Building Identification Unit, 1916
Box 192	Turn rink at Slipper City Shoe, Haverhill, Massachusetts, 1918
Box 192	Experimental Department Outing, 1922 September 9
Box 176, Folder 7	United Shoe Mutual Relief Association Dreamland Theatre, 1920 March

Box 176, Folder 8	United Shoe Machinery Gun Club, circa 1920s
Box 176, Folder 9	United Shoe Machinery parade float, 1930
Box 192	USMAA Schemers Dinner for George H. Vose, 1936 February 3
Box 192	Insole tacker (at Elliott Street Factory), 1948
Box 176, Folder 10	Beverly Factory Safety Committee, 1949 August
Box 192	Pattern Making Department, 1949
Box 192	Retirement party, 1953
Box 192	<p>Employees in factory (operating equipment), circa 1955</p> <p>[Office employees at United Shoe Company, photoprint], 1946 1 Item (3.6" x 5.2") Collector: United Shoe Machinery Corporation Language: English. Notes: AC0277-0000012 (AC Scan) Silver gelatin on paper. In Box 192, Folder ?. Unrestricted research use by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.</p> <p>Topic: Offices -- 1930-1950 Clerks Employees Shoe machinery</p> <p>Genre/Form: Photographs -- 1940-1950 -- Black-and-white photoprints -- Silver gelatin</p>
Box 176, Folder 11	Employees using equipment in factory, circa 1950s
Box 192	School on Electrical Electronic and Hydraulics, 1960 November 2
	School on Electrical Electronic and Hydraulics, 1960 November 14
Box 192	Employees (general), 1962
Box 192	Employees (office), 1964
Box 192	Secretary's Week, 1966 April 27
Box 192	Employees (general), 1967
Box 192	Employees (general), 1969

Box 192	Employees (general), 1970 April
Box 192	Marshall, Bob (Edlund tape drill operator), 1970
Box 192	Employees (office), 1976
Box 192	Employees (general), 1978 - 1981
Box 192	Dynapert Development Labs, 1977 December
Box 193	[Prebles?], undated
Box 193	Carrico, Walter H., undated
Box 193	Foley, John A., undated
Box 193	Loomer, H.M., undated
Box 193	Pease, Charles, undated
Box 193	Drugan, Col. Joseph R., undated
Box 193	Pheney, William G., undated
Box 193	Grossland, Sam, undated
Box 193	Hurd, William R., undated
Box 193	Payne, A.E., undated
Box 193	McGill, Edwin, undated
Box 193	Titus, W.H., undated
Box 193	Hatch, Roy P., Fred F. David and Mary Smith, undated
Box 193	Eichhorn, undated
Box 193	Butterworth, H., undated
Box 193	Mitton, undated
Box 193	Thomas, undated
Box 193	Wallace, H.N., undated
Box 193	Atkinson and Flynn, undated

Box 193	Barker, Robert, undated
Box 193	Whalen, Joseph T., undated
Box 193	Grayes, Bill and Reuben D. Wetherbee, undated
Box 193	Brogan, Michael T., undated
Box 193	Ellis, Harry D., undated
Box 193	Rogers, Chester E., undated
Box 193	Vose, George H., undated
Box 193	Eaton, George F., undated
Box 193	McMahon, Jas. E., undated
Box 193	McFeeley, Ronald, undated
Box 193	Brock, Mathias, undated
Box 193	Drilling Department, undated
Box 176, Folder 12	United Shoe Machinery Band in Raymond, New Hampshire, undated
Box 193	Radial drills (employee operating), undated

Subseries 17.2: Equipment/Products, 1961 - 1972

Box 194	Harmonic drive and terminal cargo winch, 1965
Box 197	Research and Development Departments (products and related data), 1961 - 1966
Box 195	Rockets, 1968 October 22
Box 195	Portable power device for skiers, 1969 December 9
Box 199	Gig Products (E39545 to E39559), circa 1960s
Box 195	Time clocks, 1970 September 15
Box 195	[Saturn rocket harmonic drive?], 1970
Box 195	Fabric edge finishing system, 1972 March 21

Box 194 Contracts Department (cost reduction), undated

Subseries 17.3: Factories/Buildings, 1920s-1960s

Box 195 Aerial of factory, circa 1920s

Box 195 Aerial of factory, 1948

Box 195 Aerial of factory, 1949

Box 195 Aerial of factory, undated

Box 195 Beverly Factory, 1957

Box 195 Automatic Lasting Line, 1965

Research Division Facilities, circa 1960s

Factories/facilities (domestic and foreign), circa 1960s

Subseries 17.4: Trade Shows, 1968 - 1973, 1954

Box 198 USMC Exhibits at National Shoe Fair (Chicago), 1954

Box 198 Trade Shows, 1968 - 1973

Subseries 17.5: Miscellaneous, undated

Box 198

Subseries 17.6: Postcards, 1907, 1906, 1917, 1914, 1938

Box 198

[Image\(s\)](#)

[United Shoe Machine Co's new plant, Beverly, Massachusetts \[postcard\], 1907](#)

1 Item (Ink on paper.; 3.4" x 5.4")

Collector: United Shoe Machinery Corporation

Language: English.

Notes: AC0277-0000010 (AC Scan)

In Box 198, Folder ?.

Halftone reproduction of artist's rendering. With hand-written ink message, "Dear Minnie..."

Topic: Factories

Shoe machinery

Place: Beverly (Mass.)

Genre/Form: Picture postcards -- 1890-1910
Postcards

Subseries 17.7: Prints from glass plate negatives, undated

Scope and Contents: The prints were presumably made by the United Shoe Machinery Corporation and are arranged numerically.

Box 198	6004
Box 198	6005
Box 198	6162
Box 198	6575
Box 198	7244
Box 198	8897
Box 198	8561
Box 198	10120
Box 198	10505
Box 198	10547
Box 198	10553
Box 198	10555
Box 198	11001, John B. Hardaway, 1923
Box 198	11074, Cavanaugh
Box 198	11075, Cavanaugh
Box 198	11081, Warren
Box 198	10848
Box 198	11626, 1918
Box 198	11627, 1918
Box 198	11644, 1918

Box 198	11681, 1918
Box 198	13079, Sam-Sam committee girls, 1919 August 15
Box 198	13080, Sam-Sam committee girls, 1919 August 15
Box 198	14271, Boothco beading, model A, 1920 February 26
Box 198	14272, Boothco beading, model A, 1920 February 26
Box 198	15600, Boothco beading, Model C, 1921 July 12
Box 198	15601, Boothco beading, Model D, 1921 July 12
Box 198	15613, Pluma skiving, 1920 December 26
Box 198	16344, Maurice Bresnahan, 1922 June 26
Box 198	16391, Laura Goodridge, 1922 October 3
Box 198	17325, Unidentified, undated
Box 198	20769 (E16543), Unidentified, 1922 August 31
Box 198	20770 (E16544), Unidentified, 1922 August 31

Subseries 17.8: Albums, 1915-1950s

General: This series includes bound albums of photographs of United Shoe inventors, the Turner Tanning Machinery Company, Stetson Shoe Company and the Beverly Factory Exhibit.

The Research Division Inventors Album, 1915-1920, is arranged alphabetically by last name of inventor and includes portraits. Some of the photographs are annotated and contain information such as a death date.

The Turner Tanning Machinery Company was formed by William B. Turner in 1902 to produce a vertical single table putting-out machine invented by Joseph Vaughn. The company moved from Boston to Peabody, Massachusetts, in 1905, and soon thereafter set up overseas subsidiaries in Germany and England. The United Shoe Machinery Company acquired a controlling interest in Turner Tanning in the early 1920s. By 1938, USMC had acquired complete control and Turner Tanning became a wholly owned subsidiary. In 1961 it was dissolved and the business absorbed into USMC as the Turner Tanning Machinery Division.

Turner Tanning Machinery Company Photographs, 1926-1937, consist of black and white photoprints, mainly 8" x 10". The tanning process photographs, taken at an unidentified tannery, depict several stages of the tanning process, but, since none are captioned, they probably do not depict the tanning process in the correct order. Most show Turner machinery in use. The Machinery Photograph Albums, 1926-1937, mainly contain photoprints of various Turner machines taken during their development process. These are accompanied by detailed explanatory captions. They are not arranged chronologically within the albums. They include Turner Tanning Machinery

Company photographs, 1926-1937 (8" x 10" photoprints, some in albums), and pictures taken in the Beverly factory.

Box 202A	USMC Research Division Inventors, 1915 - 1920
Box 202B	Turner Tanning Machinery Photograph Album (illustrating development of hide and leather working machinery), 1930 - 1936
Box 202C	Turner Tanning Machinery Photograph Album, 1926 - 1937
Box 202C	Turner Tanning Machinery Photograph Album, 1926 - 1937
Box 199	Turner Tanning Machinery (loose photographs), circa 1920s
Box 200	Stetson Shoe Company (men's welt construction), circa 1950s
Box 201	Beverly Factory Exhibit, circa 1950s
Box 202	Beverly Factory Exhibit, circa 1950s

Subseries 17.9: Film Negatives, 1956 - 1958

General: The film negatives are arranged numerically and have a description and date. In some instances, the film negatives were so severely deteriorated that they could not be saved. Descriptive information about those negatives was recorded in the container list and the negatives were disposed of. Therefore there are no corresponding box numbers.

Box 206	B17288, Goodyear insole channeling and lip setting machine, model A, 1956
Box 206	B17289, Goodyear universal rounding and channeling machine, 1956
Box 206	B17290, Crest heel blacking machine model C, 1956
Box 206	B17292, McKay sewing machine model R, 1956
Box 206	B17293, McKay sewing machine model R, 1956
Box 206	B17294, Heel scouring machine model A-A, 1956
Box 206	B17295, Heel scouring machine model A-A, 1956
Box 206	B17296, Electronic component B, 1956
Box 206	B17297, Lasting machine Model RA (foreign set-up shipment), 1956
Box 206	B17298, Goodyear upper stapling machine, model B, 1956
Box 206	B17299, Hytronic cutting machine model A, 1956

Box 206	B17300, Hytronic cutting machine model A, 1956
Box 206	B17301, Twin sole moulding machine, model G, 1956
Box 206	B17302, Twin sole moulding machine, model G, 1956
Box 206	B17303, Box toe and lining trimming machine, 1956
Box 206	B17304, Box toe and lining trimming machine, 1956
Box 206	B17305, Automatic power nailer, 1956
Box 206	B17306, Goodyear welt and seam rubbing machine model A (motor drive domestic shipment), 1956
Box 206	B17307, Goodyear welt and seam rubbing machine model A (motor drive domestic shipment), 1956
Box 206	B17308, Hetronic cutting model A (foreign shipment), 1956
Box 206	B17309, Hetronic cutting model A (foreign shipment), 1956
Box 206	B17310, Radiant heat activator, 1956
Box 206	B17311, Radiant heat activator, 1956
Box 206	B17312, Reid-o-matic precision surface grinder, model 824 (domestic shipment), 1956
Box 206	B17313, Automatic power nailer, model B, 1956
Box 206	B17314, Reid-o-matic precision surface grinder, model 824 (domestic shipment), 1956
Box 206	B17315, Channel opening machine, model A, 1957
Box 206	B17316, Goodyear outsole rapid lockstitch machine, model G, 1957
Box 206	B17317, Goodyear outsole rapid lockstitch machine, model G, 1957
Box 206	B17318, Goodyear automatic bobbin winding machine, 1957
Box 206	B17319, Goodyear automatic bobbin winding machine, model A, 1957
Box 206	B17320, Cement spraying unit, model E, 1957
Box 206	B17321, Staple fastening machine, model O, 1957

Box 206	B17322, Staple fastening machine, model O, 1957
Box 206	B17323, Heel breast scouring machine, model N, 1957
Box 206	B17324, Heel breast scouring machine, model N, 1957
Box 206	B17325, Goodyear welt and seam rubbing machine, model A, 1957
Box 206	B17326, Goodyear welt and seam rubbing machine, model A, 1957
Box 206	B17329, Staple side lasting machine, model D, 1957
Box 206	B17330, Staple side lasting machine, model D, 1957
Box 206	B17331, Breast leaf splitting machine, model B, 1957
Box 206	B17332, Breast leaf splitting machine, model B, 1957
Box 206	B17333, Boothco trimming machine, model F, 1957
Box 206	B17334, Boothco trimming machine, model F, 1957
Box 206	B17335, Impression stitch burnishing machine, #2, 1957
Box 206	B17336, Impression stitch burnishing machine, #2, 1957
Box 206	B17337, B-1 upper mechanism, 1957
Box 206	B17338, B-1 lower mechanism, 1957
Box 206	B17339, B-2 upper mechanism, 1957
Box 206	B17440, B-2 lower mechanism, 1957
Box 206	B17441, Ironing machine, 1957
Box 206	B17442, Tymaster twine bundling machine, 1957
Box 206	B17443, Tymaster twine bundling machine, 1957
Box 206	B17444, Radiant heat activator, 1958, 1957
Box 206	B17445, edge setting and wheeling machine, 1957, 1958
Box 206	B17446, Edge setting and wheeling machine, 1957, 1958
Box 206	B17447, Forepart cement lasting machine, 1958

Box 206	B17448, Forepart cement lasting machine, 1958
Box 206	B17449, Unidentified, 1958
Box 206	B17450, Unidentified, 1958
Box 206	B17451, Cement heel attaching machine, model A, 1958
Box 206	B17452, Goodyear insole rib attaching machine, 1958
Box 206	B17453, Goodyear insole rib attaching machine, 1958
Box 206	B17454, Goodyear sole leveling machine, 1958
Box 206	B17455, Goodyear sole leveling machine, 1958
Box 206	B17456, Sole stitching machine, model B, 1958
Box 206	B17457, Sole stitching machine, model B, 1958
Box 206	B17458, Forepart cement lasting machine, 1958
Box 206	B17459, Forepart cement lasting machine, 1958
Box 206	B17460, United Auto lasting machine, 1958
Box 206	B17461, United Auto lasting machine, 1958
Box 206	B17462, United power toe lasting machine, 1959
Box 206	B17463, United power toe lasting machine, 1959
Box 206	B17464, Goodyear insole rib attaching machine, 1959
Box 206	B17465, Goodyear insole rib attaching machine, 1959
Box 206	B17466, Rough rounding machine, 1959
Box 206	B17467, Rough rounding machine, 1959
Box 206	B17468, Splitting machine, model G, 1959
Box 206	B17469, Splitting machine, model G, 1959
Box 206	B17470, Damaged crates taken in shipping room, 1960
Box 206	B17471, Damaged crates taken in shipping room, 1960

Box 206	2676, unidentified, undated
Box 206	6299, Loose nailing, 1914 March 13
Box 206	7013, Station 27, McKay Street between Matthies and Goodyear Streets, looking west 20N, 1914 October 21
Box 206	8242, Adjustable last, 1915 November 3
Box 206	8525, Rapid hand method c, 1950 March 23
Box 206	15619, Motor, type RSA, EA 7019-5, 1921 October 13
Box 206	16344, Maurice Bresnahan, 1922 June 26
	17358, Heel breast (deteriorated), 1923 August 31
	17359, Goodyear jointing machine for catalogue (deteriorated), 1923 August 31
	17367, USMC high stand finishing shaft machine, motor D (deteriorated), undated
	20008, [Consolidated...motor drive?] (deteriorated), 1923 October 31
	20011, GR lip turning and slashing (deteriorated), 1923 November 3
	20018, Goodyear automatic sole leveling (deteriorated), 1923 November 8
	20020, Motor, type RKT, ED-7011-3 (deteriorated), 1923 November 9
	20021, Factory grounds, near power house (deteriorated), 1923 November 9
	20022, Factory grounds, near power house, showing heap of cement fallen from chimney (deteriorated), 1923 November 9
	20028, Sewing GR welt, front and right (deteriorated), 1923 November 16
	20029, BT and UHT heel cutters, profiling fixture for cutting edge, front and left, Cutter Department (deteriorated), 1923 November 23
	20030, BT and UHT heel cutters, profiling fixture for cutting edge, Cutting Department (deteriorated), 1923 November 23
	20031, BT and UHT heel cutters, milling machine (deteriorated), 1923 November 23
	20032, BT and UHT heel cutters, milling machine (deteriorated), 1923 November 23
	20033, BT and UHT heel cutters, milling machine (deteriorated), 1923 November 23

20034, BT and UHT heel cutters, lathe with fixture facing and grooving, Cutter Department (deteriorated), 1923 November 23

20035, BT and UHT heel cutters, lathe adapted for turning outside shape, Cutter Department (deteriorated), 1923 November 23

20036, BT and UHT heel cutters, lathe adapted for turning outside shape (deteriorated), 1923 November 23

20038A, Chester Pearson (deteriorated), 1923 November 28

20038B, Chester Pearson (deteriorated), 1923 November 28

20039, J.E. McMahon (deteriorated), 1923 November 28

20039A, J.E. McMahon (deteriorated), 1923 December 8

20040, Rex pulling-over machine, model D (deteriorated), 1923 November 28

20043, Pluma skiving, Model E (deteriorated), 1923 December 3

20044, Single sole moulder (deteriorated), 1923 December 3

20045, Type of shoes worn by workman in foundry, 1923 December 7

20047, George D. Alderman (deteriorated), 1923 December 10

20048, Star channel cementing machine (deteriorated), 1923 December 11

20049, Star channel cementing machine, motor drive, model D (deteriorated), 1923 December 10

20050, Upper trimming knife (deteriorated), 1923 December 11

20051, Shoes and puttees worn by workman in the foundry (deteriorated), 1923 December 17

20052, Shoes worn by foundry workman (deteriorated), 1923 December 17

20054, George D. Alderman (deteriorated), 1923 December 10

20055, USMC grinding machine, model F, motor drive (deteriorated), 1923 December 14

20056, USMC stitch and upper cleaning (deteriorated), 1923 December 15

20057, Goodyear outsole rapid lockstitch, model O (deteriorated), 1923 December 15

20058, Goodyear outsole rapid lockstitch, model O (deteriorated), 1923 December 15

20059, Goodyear outsole rapid lockstitch, model O, ORL, electric heat (deteriorated), 1923 December 16

20060, Goodyear outsole rapid lockstitch, model O, ORI, electric heat (deteriorated), 1923 December 15

20061, Goodyear outsole rapid lockstitch, model O, ORI, electric heat (deteriorated), 1923 December 15

20062, Goodyear outsole rapid lockstitch, model O, ORI, electric heat (deteriorated), 1923 December 15

20063, USMC bottom drier, model A, electric heat (deteriorated), 1923 December 17

20064, Shows worn by men in foundry (deteriorated), 1923 December 17

20065, Shows worn by men in foundry (deteriorated), 1923 December 17

20066, Special drilling machine (deteriorated), 1923 December 18

20067, Special drilling machine (deteriorated), 1923 December 18

20068, regent stamping, operator Hall (deteriorated), 1923 December 19

20069, Block plane, number 4, operator Sherman (deteriorated), 1923 December 19

20070, Tip scouring, operator Kennison (deteriorated), 1923 December 19

20071, Planet sole rounding (deteriorated), 1923 December 21

20072, ideal clicking (deteriorated), 1923

20073, Ideal clicking twin, model E (deteriorated), 1923 December 19

20074, Ideal twin clicking, top part of machine (deteriorated), 1923 December 19

20075, Head showing light-weight casting (deteriorated), 1924 January 2

20076, Insole lip cutting and scouring (deteriorated), 1924 June 4

	20077, Crest heel black (deteriorated), 1924 January 4
	20078, Head showing light-weight casting (deteriorated), 1924 January 4
	20079, Motor type RC, ED 7107-2, 1924 January 4
	20080, Loose tacker (deteriorated), 1924 January 4
	20081, Loose tacker used on all LM machines (deteriorated), 1924 January 4
	20082, Pluma skiving (deteriorated), 1924 January 7
	20083, GR insole toe lip forming (deteriorated), 1924 January 27
Box 206	20679, Rotary edge setting, front and right, motor drive electric heat (deteriorated), 1924 August 14
Box 206	20680, Rotary edge setting, front and left, 1924 August 14
Box 206	20683, Economy insole lip cementing, front and left, motor drive, 1924 April 21
Box 206	20684 (E17810), Economy insole lip cementing, motor drive, 1924 April 21
	20687 (E17602), Rotary cementing with turning device, back and left (deteriorated), 1923 September 17
	20688 (E17603), Rotary cementing with turning device, back and left (deteriorated), 1923 September 17
	20689 (E17782), Rotary cementing transferring device (deteriorated), 1924 March 24
	20690 (E17783), Rotary cementing transferring device (deteriorated), 1924 March 24
Box 206	20706 9E17786), Automatic heel compressing, front and left, 1924 March 25
Box 206	20707 (E17787), Automatic heel compressing, number 7, back and left, 1924 March 25
Box 206	20708 (E17788), Automatic heel compressing, number 7, back and right, 1924 March 25
Box 206	20712, Motor DC, HP, ED-7126, type 50, 1924 August 27
	20723, Mario Gorina (Shorty), missing, 1924 September 5

Box 206

20724, Mario Gorina (Shorty), 1924 September 5

20737 (E17590), Ideal clicking, part of head, right side, showing magnetic locking device unlocked (deteriorated), 1923 August 31

20738 (E17597), Ideal clicking, part of head, right side, showing magnetic locking device locked (deteriorated), 1923 August 31

20740 (E17685), Ideal clicking (deteriorated), 1933 December 10

20741 (E17688), Ideal clicking, right side, motor drive, single phase(deteriorated), 1923 December 11

20742 (E17755), Ideal clicking, redesigned (deteriorated), 1924 February 19

20743 (E17761), Ideal clicking, gear driven type with motor (deteriorated), 1922 February 21

20744 (E17770), Tip scouring, model L, front motor D (deteriorated), 1924 February 26

20745 (E17771), Tip scouring, model L, head motor drive (deteriorated), 1924 February 26

20754, GR outsole rapid lockstitch, front and electric heat (deteriorated), 1924 September 17

20755, GR outsole rapid lockstitch, head front hood open, electric heat (deteriorated), 1924 September 17

20756, GR outsole rapid lockstitch, head front hood closed, electric heat (deteriorated), 1924 September 17

20757, GR outsole rapid lockstitch, part of head front showing AWL mechanical, electric heat (deteriorated), 1924 September 17

20758 (E17817), USMC edging, choke coil variable complete with guard (deteriorated), 1924 April 26

20759 (E17818), USMC edging, choke coil variable complete with guard, showing coil at minimum output closed (deteriorated), 1924 April 24

20760 (E17819), USMC edging, choke coil variable complete with guard, showing coil at maximum output open (deteriorated), 1924 April 26

20761, Heater USMC, adaptors 1-3-4 (deteriorated), 1924 September 18

	20766, USMC shank reducing, front and left, motor drive (deteriorated), 1923 November 23
	20767, USMC shank reducing, front and right, motor drive (deteriorated), 1924 April 3
	20768, USMC shank reducing, back and left motor drive (deteriorated), 1924 April 1
Box 206	20771, Knife heaters, NOS-2-5-6, 1924 September 24
Box 206	20781 (E17950), Bobbin winding, part of machine front showing winding mechanism, 1924 August 5
Box 206	20782 (E17977), Bobbin winding, front and left, electric heat, 1924 September 11
Box 206	20783 (E17978), Bobbin winding, head, electric heat, 1924 September 11
Box 206	20813, Ideal twin clicking, front and right, 1924 October 27
Box 206	20814, Ideal twin clicking, ICD, motor drive, front and left, 1924 October 27
Box 206	20815, McKay sewing, gas heat, front and left, 1924 October 9
Box 207	24909, Signs for United Shoe Machinery Corporation Athletic Association, 1932
Box 207	24929, Edging machine, operator Miss Hannon, 1932
Box 207	24932, Bridge, railway, 1932
Box 207	24939, Danvers and Pickering Polo Teams (Sam Sam), 1932
Box 207	24983, Clean out door for Washington machine, 1933
Box 207	24984, Copy of old Goodyear factory, 1933
Box 207	24994,[Safety?], 1933
Box 207	24999, Mrs. Packer, 1933
Box 207	25003, Safety campaign, 1933
Box 207	25008, Mr. Thomas, 1933
Box 207	25014, Prizes for Sam Sam, 1933
Box 207	25017, Runners for Van van, 1933

Box 207	25019, Henry Cottrell, 1933
Box 207	25031, A.E. [Hallby?], 1933
Box 207	25032, Ms. Norma Yeaton, 1933
Box 207	25035, Horse shoe contest, 1933
Box 207	25036, [Experimental ?], 1933
Box 207	25037, Mr. Nash, 1933
Box 207	25046, F. Churchly, 1933
Box 207	25052, G.W. [Dashon?]; Watterman, and Laird, 1933
Box 207	25053, Mr. Watterman, 1933
Box 207	25054, Mr. Laird, 1933
Box 207	25055, Mr. Hyde and Sons, 1933
Box 207	25060, J.A. Fultz, 1933, 1934
Box 207	25060, G.H. Vose, 1934
Box 207	25065, G.H. Vose, 1934
Box 207	25072, Sample of files, 1934
Box 207	25077, Safety winner, 1934
Box 207	25086, John Simple, 1934
Box 207	25089, USMC gas station, 1934
Box 208	25100, Sam Sam, 1934
Box 208	25104, Mr. Camphill (accident), 1934
Box 208	25105, Mr. Roland Damiani (accident), 1934
Box 208	25109, H. Moffatt, 1934
Box 208	25114, G.W. [Drashon?], 1934
Box 208	25115, Lamps, 1934

Box 208	25116, Brown (with gun), 1934
Box 208	25117, Margaret Curtis golf prize, 1934
Box 208	25122, C.A. Hurrick, 1934
Box 208	25134, Safety Winners, 1934
Box 208	25144, W.H. Nutt, 1934
Box 208	25190, USMC Safety Trophy, 1935
Box 208	25195, Boston Officer Band, 1935
Box 208	25199, Walter Ray, 1935
Box 208	25200, H.P. Cole, 1935
Box 208	25201, Ms. Thomas, 1935
Box 208	25202, View of golf green, 1935
Box 208	25203, School job, 1935
Box 208	25204, Wilson Palmer, 1935
Box 208	25207, W. Alcock, 1935
Box 208	25215, USMCAA club house, 1935
Box 208	25216, USMCAA club house (front left), 1935
Box 208	25217, USMCAA club house (left side), 1935
Box 208	25218, USMCAA club house (front right), 1935
Box 208	25219, USMCAA club house (right side), 1935
Box 208	25220, USMCAA club house (front left), 1935
Box 208	25224, Sprinkling system, 1935
Box 208	25225, Sam Sam, 1935
Box 208	25230, Safety Room, 1935
Box 208	25242, Mr. Thomas De Graf, 1935

Box 208	25242, Mr. Thomas De Graf, 1935
Box 208	25252, [Largs?], 1935
Box 208	25253, Large shoe with Mr and Mrs. Tom Thumb, 1935
Box 208	25254, Mr. Thomas, 1935
Box 208	25255, Mr. [Karus?], 1935
Box 208	25259, P.E. Siaver, 1935
Box 208	25260, John A. Miller, 1935
Box 208	25261, Safety Shield, 1935
Box 208	25263, N. Wallace, 1935
Box 208	25269, H.J.J. Ferrier, 1935
Box 208	25279, George P. Hilpert, 1935
Box 208	25280, J.M. Costello, 1935
Box 208	25285, George W. Brown, 1935
Box 208	25286, S. Winslow, Jr., 1935
Box 208	25288, Heel seat fitting machine, model A, 1935
Box 208	25289, Heel seat fitting machine, model A (front right), 1935
Box 208	25326, Safety Trophy, 1935
Box 208	25342, Beverly Trade School, 1936
Box 208	25347, I.L. Morse, 1936
Box 208	25348, West Park League, 1936
Box 208	25349, Mr. Todd, 1936
Box 208	25350, J.G. Yeaton, 1936
Box 208	25351, Jaw for boring mill, 1936
Box 208	25360, Club house, 1936

Box 208	25361, Quarter Century Bowling League, 1936
Box 208	25362, Sam Sam, 1936
Box 208	25363, Sam Sam (auto with ladies), 1936
Box 208	25375, Ingersoll Miller (close up with gears), 1936
Box 208	25394, Sam Sam (high diving gunn), 1936
Box 209	25413, Sam Sam (cup for road roll), 1936
Box 209	25414, Sam Sam (flower show), 1936
Box 209	25415, Alice and Lucille Belanger, 1936
Box 209	25422, Rear of club house, 1936
Box 209	25437, Golf ball winding machine F, 1936
Box 209	25449, Fish hook barbing machine (front right), 1936
Box 209	25450, Fish hook barbing machine (top), 1936
Box 209	25451, Fish hook eyeing machine (front right), 1936
Box 209	25452, USMAA club house, new year party, 1936-1937
Box 209	25453, J.J. Kelliher, 1937
Box 209	25477, Willard D. Foster, 1937
Box 209	25481, USMC orchestra, 1937
Box 209	25485, Roof of B Building, 1937
Box 209	25489, USMC orchestra at high school, 1937
Box 209	25494, Copy group, 1937
Box 209	25574, W. Gillette, 1937
Box 209	25574, W. Gillette, 1937
Box 209	25667, Factory, aerial view of north end, undated
Box 209	25669, Boston office, new building, 1939

Box 209	25692, Sanding booth (paint shop), 1939
Box 209	25693, Sanding booth (paint shop), 1939
Box 209	25694, Sanding booth (paint shop), 1939
Box 209	25695, Rack section loading and unloading (paint shop), 1939
Box 209	25696, Dipping oven (paint shop), 1939
Box 209	25698, Unloading end of two-compartment oven (paint shop), 1939
Box 209	25699, Loading end of compartment oven (paint shop), 1939
Box 209	25700, Unloading section heavy parts (paint shop), 1939
Box 209	25701, Loading end of dipping oven (paint shop), 1939
Box 209	25702, Sanding table (paint shop), 1939
Box 209	25703, Loading end of heavy parts (paint shop), 1939
Box 209	25704, Paint stock room (paint shop), 1939
Box 209	25705, Small spray booth (paint shop), 1939
Box 209	25706, Loading end of two-compartment oven (paint shop), 1939
Box 209	25707, Filling section (paint shop), 1939
Box 209	25708, Primer surfacer sealer spray booth (paint shop), 1939
Box 209	25709, Paint stock room (paint shop), 1939
Box 209	25719, Engineering Department bays showing overhead lights, 1939
Box 209	25720, B-1 floor, heavy work department, bays 27 and 28, 1939
Box 209	25742, May Eastman at her desk, 1939
Box 209	25743, Clock given to Ms. Eastman, 1939
Box 209	25772, Tennis group, 1939
Box 209	25803, Accident (pair of broken glasses), 1940
Box 209	25807, USMA club house (rear view), 1940

Box 209	25821, USMA Branch of Beverly Saving Bank, 1940
Box 209	25822, USMA Branch of Beverly Saving Bank (east), 1940
Box 209	25823, USMA main gate, 1940
Box 209	25824, USMA main gate, 1940
Box 209	25825, USMA main gate, 1940
Box 209	25826, USMA parking space, 1940
Box 209	25827, USMA golf house, 1940
Box 209	25872, Freight entrance, 1940
Box 209	25873, [House?] for F.B.I., 1940
Box 209	25874, [House?] for F.B.I., 1940
Box 209	25875, Building, for F.B.I., 1940
Box 209	25876, Building, for F.B.I., 1940
Box 209	25900, Portrait of Philip Yoroseezewski, 1941
Box 209	25915, Copy of Silver Life Membership, 1941
Box 209	25925, Power House chimney (northside), 1941
Box 209	25926, Power House chimney (southeast side), 1941
Box 209	25927, Power House chimney (west side), 1941
Box 209	25928, Power House chimney (east side), 1941
Box 209	25945, USMC cricket team (taken circa 1900), 1941
Box 209	26025, Portrait of John Carnevale, 1942
Box 209	26075, Bowling champ, 1943
Box 209	26081, Factory interior, 1943
Box 209	26086, Group at Winchester factory (circa 1989), 1944
Box 209	26096, Dictation to Shirley, heads down, 1944

Box 209	26098, Conference, Bart, Mach, Paine and Hutch, 1944
Box 209	26142, Bardonis and Oliver Larret lathe, 1944
Box 209	26143, Monfield's at Haverhill, 1944
Box 209	26144, Monfield's at Haverhill, 1944
Box 209	26205, Shell shop pictures, 1945
Box 209	26236, Aerial view of the USMC, 1945
Box 209	26237, Aerial view of the USMC (north by east), 1945
Box 209	26239, Aerial view of the USMC (southwest), 1945
Box 209	26240, Aerial view of the USMC (east by north), 1945
Box 209	26241, Aerial view of the USMC (north), 1945
Box 209	26251, Ford on rail (Mr. Holt and Mr. Campbell), 1945
Box 209	26252, Ford on rail (Mr. Holt and Mr. Campbell), 1945
Box 209	26254, Winslow and Rogers (82 Boston Street, Salem, Massachusetts), 1945
Box 209	26331, USMC club house golf tournament, 1945
Box 209	26333, USMC club house golf tournament (score board), 1946
Box 209	26336, Hydraulic eyeley clinch laster, 1946
Box 209	26345, Wilson Palmer, 1946
Box 209	26436, V. Christofore, 1947
Box 209	26445, West Park bowling league anniversary (1923), 1948
Box 209	26527, Edward Brock (retirement), 1949
Box 209	26567, G.D. Alderman, Hugh Moffett, Ben Morell, and Bill Allen, 1949
Box 209	26569, USMC club house, 1949
Box 209	26570, USMC club house (main entrance), 1949
Box 209	26571, USMC club house (far left), 1949

Box 209	26594, Shipping schedule, 1949
Box 209	26596, Drop forge showing #1000 hammers forging alloy steel part, 1949
Box 209	26332, USMC club house golf tournament (score board), 1946, 1945
Box 209	26646, USMC chimney (looking southwest), 1950
Box 209	26647, USMC chimney (looking south), 1950
Box 209	26648, USMC chimney (looking north), 1950
Box 209	26649, USMC chimney (looking west), 1950
Box 209	26650, USMC chimney (looking northeast), 1950
Box 209	26651, USMC chimney (base up), 1950
Box 209	26652, USMC chimney (base), 1950
Box 209	26653, USMC chimney (looking southeast), 1950
Box 209	26802, Factory interiors, 1950
Box 210	26810, USMAA football/soccer division, 1950
Box 210	26865, Stanley McKenzie, accident, fell on toe of safety shoe, 1950
Box 210	26895, Die spot welding, machine model C, 1950
Box 210	26905, Safety Committee, 1950
Box 210	26963, Mr. Stokes and Mr. Yeaton, 1950
Box 210	27007, Ms. A. Ganley, 1951
Box 210	27008, Ms. A. Ganley, 1951
Box 210	27084, L. V. Marks Shoe Company (Vanceburg, Kentucky), 1951
Box 210	27085, L. V. Marks Shoe Company (Vanceburg, Kentucky), 1951
Box 210	27086, L. V. Marks Shoe Company (Vanceburg, Kentucky), 1951
Box 210	27087, L. V. Marks Shoe Company (Vanceburg, Kentucky), 1951
Box 210	27093, Beverly Industrial School football team (Class of 1913), 1951

Box 210	27257, Old twin soccer player outing, club house, 1952
Box 210	27463, Joseph and Harry Butterworth (Joseph's retirement), 1952
Box 210	27802, Bill-Fold Junior Achievement, 1953
Box 210	28012, Model boat given by Earle Ray in 1952 to USMAA Yacht Club Division, 1953
Box 210	28013, USMC Stitch down thread lasting machine, model B, 1953
Box 210	28014, USMC Stitch down thread lasting machine, model B, 1953
Box 210	28015, USMC Stitch down thread lasting machine, model B, 1953
Box 210	28016, USMC Stitch down thread lasting machine, model B, 1953
Box 210	28108, Unidentified, undated
Box 210	28407, Quarter Century Club members, 1953
Box 210	28532, Quarter Century Club members, 1954
Box 210	28535, Photograph Department, 1954
Box 210	28535, Photograph Department Special, 1954
Box 210	28538, USMC thermo-cementing and folding machine, 1954
Box 210	28558, Inside of shoe shop, 1954
Box 210	28563, Hoague-Sprague Company, Lynn, Massachusetts, 1954
Box 210	28654, USMAA soccer (taken in 1914), 1954
Box 210	28655, David T. Donohue, 1954
Box 210	28695, Quarter Century Club (new members), 1954
Box 210	28770, View of club house, 1954
Box 210	28771, View of club house, 1954
Box 210	28772, View of club house, 1954
Box 210	28773, View of club house, 1954
Box 210	28775, View of club house, 1954

Box 210	28795, Snapshots of Rocky Dipaulo (retirement), 1954
Box 210	28814, Industrial exhibit, 1954
Box 210	28815, Industrial exhibit, 1954
Box 210	28816, Industrial exhibit, 1954
Box 210	28817, Industrial exhibit, 1954
Box 210	28818, Industrial exhibit, 1954
Box 210	28819, Industrial exhibit, 1954
Box 210	28820, Industrial exhibit, 1954
Box 210	28821, Industrial exhibit, 1954
Box 210	28822, Industrial exhibit, 1954
Box 210	28823, Industrial exhibit, 1954
Box 210	28824, Industrial exhibit, 1954
Box 210	28825, Industrial exhibit, 1954
Box 210	28826, Industrial exhibit, 1954
Box 210	28827, Industrial exhibit, 1954
Box 210	28828, Industrial exhibit, 1954
Box 210	28829, Industrial exhibit, 1954
Box 210	28830, Industrial exhibit, 1954
Box 210	28831, Industrial exhibit, 1954
Box 210	28832, Industrial exhibit, 1954
Box 210	28833, Industrial exhibit, 1954
Box 210	28834, Industrial exhibit, 1954
Box 210	28835, Mr. Giancola and Mr. Laravee, 1954
Box 210	28836, Otto Haas, 1954

Box 210	28837, Victor Morin, 1954
Box 210	28838, Quarter Century Club members, 1954
Box 210	28839, Puritan Club Minstrels, 1954
Box 210	28867, Beverly Factory construction (1903-1904), 1954
Box 210	28868, Industrial exhibit, 1954
Box 210	28920, USMC staple side lasting machine, model C, 1954
Box 210	29071, North Shore wood crafters, 1955
Box 210	29127, Aerial view of factory (taken 1947), 1955
Box 210	29237, Annual outing of the A-2 drawing room, Scandinavian Grove (1928), 1955
Box 210	29354, Shoe box, 1955
Box 210	29369, Factory (southeast view), 1955
Box 210	29395, Roderick B. Spurer (Beverly Co-op Trade School Alumni Scholarship Winner), 1955
Box 210	29417, Miscellaneous shoes, 1955
Box 210	29418, Miscellaneous copy of #4C, 1955
Box 210	29426, Miscellaneous shoes, 1955
Box 210	29427, Miscellaneous shoes, 1955
Box 210	29432, Beverly Factory Assembly Department, retirement testimonial dinner, 1955
Box 210	29447, National Association of Furniture Manufacturers Fair, Chicago, Illinois, 1955
Box 210	29448, National Association of Furniture Manufacturers Fair, Chicago, Illinois, 1955
Box 210	29449, National Association of Furniture Manufacturers Fair, Chicago, Illinois, 1955
Box 210	29451, National Association of Furniture Manufacturers Fair, Chicago, Illinois, 1955
Box 210	29452, National Association of Furniture Manufacturers Fair, Chicago, Illinois, 1955
Box 210	29453, National Association of Furniture Manufacturers Fair, Chicago, Illinois, 1955

Box 210	29454, National Association of Furniture Manufacturers Fair, Chicago, Illinois, 1955
Box 210	29455, National Association of Furniture Manufacturers Fair, Chicago, Illinois, 1955
Box 210	29456, National Association of Furniture Manufacturers Fair, Chicago, Illinois, 1955
Box 210	29457, National Association of Furniture Manufacturers Fair, Chicago, Illinois, 1955
Box 210	29458, National Association of Furniture Manufacturers Fair, Chicago, Illinois, 1955
Box 210	29462, M. Reid, 1955
Box 210	29596, Wood last, 1955
Box 210	29600, Construction (1903), 1955
Box 210	29634, Boston office building, 1956
Box 210	29799, John Waitt (high school graduation), 1956
Box 210	29800, Blanche Sherman, 1956
Box 210	29801, Verna White, 1956
Box 210	29837, USMC hydronic cutting machine, model A, 1956
Box 210	29854, Group of machines with operators, 1956
Box 210	29855, Group of machines with operators, 1956
Box 210	29906, United Shank ad, 1956
Box 210	29907, United Shank ad, 1956
Box 210	29908, United Shank ad, 1956
Box 210	29923, Joseph M. Morey, Jr. (1956 Trade School Award winner), 1956
Box 210	29954, United Shank ad, 1956
Box 210	29955, United Shank ad, 1956
Box 210	29956, United Shank ad, 1956
Box 210	29957, United Shank ad, 1956
Box 210	29958, United Shank ad, 1956

Box 210	30023, United Shoe Machinery Athletic Association (improper use of towels), 1956
Box 210	30063, Quarter Century members, 1956
Box 210	30104, Aerial view of USMC, 1956
Box 210	30105, Aerial view of USMC, 1956
Box 210	30119, USMC Boston office building, 1956
Box 210	30120, USMC Boston office building, 1956
Box 210	30121, USMC Boston office building, 1956
Box 210	30134, Frank Noone Shoe Company, 1956
Box 210	31079, Aerial view of factory, 1956
Box 210	31080, Aerial view of factory, 1956
Box 210	31151, USMC Club House interior, 1956, 1957
Box 210	31152, USMC Club House interior, 1956
Box 210	31153, USMC Club House interior, 1957
Box 210	31154, USMC Club House interior, 1957
Box 210	31155, USMC Club House interior, 1957
Box 210	31156, USMC Club House interior, 1957
Box 210	31157, USMC Club House interior, 1957
Box 210	31158, USMC Club House interior, 1957
Box 210	31159, USMC Club House interior, 1957
Box 210	31160, Construction of Beverly factory (1903-1904), 1954
Box 210	31163, Clubhouse showing tennis court, 1957
Box 210	31270, Junior Achievement Trade Fair best display, 1957
Box 210	31403, B. Dumphy, 1957
Box 210	31458, Factory identification, 1957

Box 210	31493, Boston office building, 1957
Box 210	31650, Two shoes, 1957
Box 210	31651, Girl and shoes, 1957
Box 210	31652, Copy of shoes, 1957
Box 210	31702, Aerial view of factory, 1958
Box 210	31968, Junior Achievement (book ends), 1958
Box 210	32080, Uncle Eph goes to town (Mutual Relief Association, 1920), 1959
Box 210	32091, Atomic publicity, 1959
Box 210	32092, Atomic publicity, 1959
Box 210	32093, Atomic publicity, 1959
Box 210	32191, Quarter Century members, 1959
Box 210	32282, Antonio C. DePiero, 1959
Box 210	32400, Drawing board, 1959
Box 210	32467, Quarter Century Club members, 1959

Subseries 17.10: Glass Plate Negatives, 1915 - 1924

General: This subseries contains index cards and glass plate negatives. The index cards for the glass plate negatives are arranged numerically, by plate number, and are incomplete. The cards provide the number of the glass plate, a description (noting front, right, left, or rear view), in some instances a date, and an abbreviation for the equipment/machine. For example, glass plate #20900, Welt Cutting (front and right), WCN. The number assigned to each negative is located in the upper right corner of the glass plate. In some instances there are "positive" plates. This has been noted in the container list. Prints found with negatives have been separated and can be found in Box 198, where they are arranged numerically. Prints were not made for all glass plate negatives.

The glass plates consist of more than 3,700 plates and are incomplete. The majority of the plates are 8" x 10," although some are 5" x 7," and they depict primarily views of shoe making equipment and machinery. However, other subjects are also represented such as portraits of United Shoe Machinery executives, copies of ledger pages copies of drawings/blueprints (especially wiring diagrams), the arrival of trains, buildings/property of United Shoe Machinery (with directional views north, south, east and west), trucks, construction work, interior offices, employees, bicycles used by employees, and hospital interiors with operating rooms. Duplicate plates (multiple views of the same image) were weeded, and in some instances, only one plate was retained. Some plates were badly deteriorated and they were discarded. These plates are listed in the container list and noted

parenthetically (deteriorated). Broken glass plates were housed in sink mats, and this is noted in container list.

Box 203	Index cards for glass plates, 36 to 8899
Box 204	Index cards for glass plates, 9000 to 10199; 1-5834 (blue cards)
Box 205	Index cards for glass plates, 10500 to 23799, 1906 - 1926
Box 212	38, American Lightning Nail, #474 jack with last, undated
Box 212	61, Expedite finishing machine, head-front, 1904
Box 212	90, Pope's heel building machine, undated
Box 212	92, Pope's heel building machine, undated
Box 212	96, Automatic staple nailing machine, undated
Box 212	98, Automatic staple nailing machine, undated
Box 212	197, Automatic compressor machine, undated
Box 212	200, Automatic compressor machine, undated
Box 212	202, Automatic compressor machine-back without balance wheel, undated
Box 212	204, Automatic compressor machine-back, undated
Box 212	205, Automatic compressor machine-back without balance wheel, undated
Box 212	206, Automatic compressor machine-back and right, undated
Box 212	209, McKay Heel compressing machine, number 4, 1904
Box 212	210, Portable bench, 1904
Box 212	220, Pope's heel building machine-copy of drawing (two copies), undated
Box 212	221, Pope's heel building machine, undated
Box 212	222, Pope's heel building machine, undated
Box 212	250, Sole and heel cutting machine, undated
Box 212	251, Taper nail tacking machine, single head, undated
Box 212	252, Taper nail tacking machine, double head, undated

Box 212	254, Forepart trimming machine, head, 1905
Box 212	259, Rapid standard screw machine, 1906
Box 212	268, Middleboro Factory, interior view showing pulling over system, 1906 April 5
Box 212	285, Goodyear welt beating and slashing machine, 1905 March 17
Box 212	312, Improved gearless sole cutting machine, 1906
Box 212	314, Improved gearless sole cutting machine, model C, 1906 March 20
Box 212	316, Tap and sole roughing machine, 1905 August 3
Box 212	336, Name plates, 1905
Box 212	337, Name plates, 1905
Box 212	338, Name plates, 1905
Box 212	339, Name plates, 1905
Box 212	340, Name plates, 1905
Box 212	343, Goodyear welt and turn shoe machine, head showing German tension attachment, 1905
Box 212	345, Goodyear welt and turn shoe machine, head showing German tension attachment, steam, 1905
Box 212	346, Goodyear welt and turn shoe machine, head showing German tension attachment, 1905
Box 212	371, American Lightning heel and nailing machine, showing inclined driver, 1906 February 15
Box 212	372, American Lightning heel and nailing machine, showing inclined driver, 1906 February 15
Box 212	425, Awl production showing female workers, undated
Box 212	426, Awl production, group portrait of female workers, undated
Box 212	427, Awl production, showing female workers, undated
Box 212	440, Stock racks, finished stock department, undated

Box 212	446, Fisher compressing machine, 1906 April 9
Box 212	447, Fisher compressing machine, 1906 April 9
Box 212	449, Nail setting machine, factory of Tufts and Friedman, West Lynn, Massachusetts, 1906 April 11
Box 212	452, Rapid nailing machine, 1906 April 11
Box 212	454, Hand powered rolling machine, undated
Box 212	460, Planet sole rounder, 1905 August 1
Box 212	462, Fisher compressing machine, 1906 April 18
Box 212	467, Pulling over arrangement, 1906
Box 212	469, Beacon heel seat beating machine, 1906 April 27
Box 212	470, Beacon heel seat beating machine, 1906 April 27
Box 212	475, Number stamping machine, 1906 April 27
Box 212	478, Hand profiler machine, 1906 May 4
Box 212	479, Hand profiler machine, 1906 May 4
Box 212	480, Heel mould routing out machine, 1906 May 4
Box 212	503, Summit splitting knife, 1906 May 16
Box 212	514, Nail loading and distributing attachment, model M, 1906 June 2
Box 212	516, Name plates, 1906 June 1
Box 212	522, Boston lasting machine, 1906 June 15
Box 212	525, American Lightning nailing machine, part view showing toggle device operating pressure cams, 1906 June 28
Box 212	526, American Lightning nailing machine, part view showing toggle device operating pressure cams, 1906 June 28
Box 212	529, William Langdell, portrait for picnic program, 1906 June 19
Box 212	530, Mr. Rumble, portrait at picnic program, 1906 June 19

Box 212	538, Goodyear welt and turn shoe machine, model E steam welt, 1906 January 12
Box 212	561, The Ledge, looking south showing Crushing Plant, 1907
Box 212	563, Staple Fastener, model D, 1906 August 3
Box 212	571, Rex pounding machine, model E, showing toe of shoe position, 1906 September 12
Box 212	572, Rex pounding machine, model E, showing shoe in shank of machine, 1906 September 12
Box 212	574, Goodyear improved sole layer, 1906 September 20
Box 213	576, The ledge looking southeast, 1907
Box 213	578, Factory, chimneys from rear of power house, 1906 September 27
Box 213	579, Factory, chimneys from rear of roof of building B, 1906 September 27
Box 213	581, Factory, chimneys from yard of foundry, 1906 September 27
Box 213	582, Factory, chimneys from roof of building B, 1906 September 27
Box 213	594, Middleboro Factory (Leonhard & Barrows), interior showing a line of pulling over machines, 1906 September 19
Box 213	596, Xpedite heel finishing machine, drawing of standard beads and wheels, 1906 October 9
Box 213	597, Heel scouring machine, model S, copy of drawing from E.E. Spencer and Company catalog, 1906 October 15
Box 213	598, Heel scouring machine, model S, copy of drawing from E.E. Spencer and Company catalog, 1906 October 15
Box 213	599, Heel scouring machine, model S, copy of drawing from Campbell Machine Company catalog, 1906 October 16
Box 213	630, Empire splitting machine, bench model, 1906 November 30
Box 213	642, Box toe gumming machine, top view showing feed and brush, 1906 December 12
Box 213	648, Goodyear improved sole layer, twin model, undated
Box 213	650, Goodyear welt and turning machine, German tension attachment, undated

Box 213	656, Goodyear welt and turn shoe machine, wax pots, 1906 January
Box 213	680, Vulcan foot power eyeletting machine, 1907
Box 213	696, Goodyear welt and turn shoe machine, head showing German tension attachment, undated
Box 213	697, Goodyear welt and turn shoe machine, head showing German tension attachment, gas, undated
Box 213	722, Goodyear welt indenting and burnishing machine, 1907
Box 213	738, Apex channeling machine, 1907 April 18
Box 213	754, Climax finishing shaft, model C, 1907
Box 213	757, Apex tap skiving or rand splitting machine, 1907
Box 213	780, Alpha wood heel nailer, 1907
Box 213	781, Rex upper trimming machine, 1907 June 10
Box 213	786, Ballroom platform, A-1 floor, undated
Box 213	819, Restaurant, looking south, undated
Box 213	820, Universal double clinch machine, 1907
Box 213	840, Restaurant, group of girls working at table, undated
Box 213	856. Cobbler's shaft with rapid stitcher, 1907
Box 213	906, Ideal lasting machine, undated
Box 213	943, Starlight edge folding machine, 1907
Box 213	946, Heel breast scouring machine, model N, undated
Box 213	948, Shoe repair outfit, undated
Box 213	949, Shoe repair outfit, machine bench, undated
Box 213	950, Goodyear outsole rapid lockstitch machine, part of head with attachment, undated
Box 213	995, Ideal lasting machine at Lynn Factory, 1908 February 29

Box 213	998, Restaurant, cooks in the kitchen, undated
Box 213	1002, Restaurant, small dining room, undated
Box 213	1003, Beaudry heel finishing machine, left, 1908
Box 213	1004, Beaudry heel finishing machine, head front, 1908
Box 213	1026, Rolling Mill, model H, 1909 April 23
Box 213	1027, Goodyear heel turning machine, 1908 March 26
Box 213	1041, Mr. Alger's office, undated
Box 213	1042, Foundry, main floor, looking north, undated
Box 213	1052, Rex pounding machine, 1908
Box 213	1053, Twin edge setting device with wood heel attachment on RMES, 1908
Box 213	1054, Knurling machine, front and right, undated
Box 213	1055, Knurling machine, front and right, undated
Box 213	1058, Ultima heel trimming machine, front and left, 1908
Box 213	1059, Lasting machine, number 5, undated
Box 213	1062, Lasting machine, number 5, undated
Box 213	1065, Paragon vamp marker, model C, 1908
Box 213	1066, Paragon vamp marker, model C, top view, 1908
Box 213	1068, Ideal clicking press, front, 1908
Box 213	1072, American twin sole moulding machine, sole placing attachment, undated
Box 213	1074, Planet sole rounder, model D, head showing pattern and holder, undated
Box 213	1076, Planet sole rounder, model D, full view showing pattern and holder, undated
Box 213	1078, Factory polishing job, undated
Box 213	1083, Wunderhoox, undated
Box 213	1085, McCay Stitcher, model S, 1908

Box 278	1087 (broken), undated
Box 278	1088 (broken), undated
Box 213	1089, Hand miller machine on which man injured at Winchester, undated
Box 214	1090, Tap and sole roughing machine, model A, undated
Box 214	1129, Shoe repair outfit machine, bench model for trimming and finishing, showing idler pulley, undated
Box 214	1131, Device for marking clicking dies, 1908
Box 214	1132, Gas furnace used in making clicking dies, 1908
Box 214	1140, Goodyear welt grooving and beveling machine without welt holder, 1908
Box 214	1142, American twin sole moulding machine with sole placing attachment taken at Cross Shoe Company, Lynn, Massachusetts, undated
Box 214	1143, American twin sole moulding machine with sole placing attachment taken at Cross Shoe Company, Lynn, Massachusetts, undated
Box 214	1144, Factory wash sinks, undated
Box 214	1185, Hub lining cementer, model E, 1908
Box 214	1188, Crescent toe gouging machine, model C, 1908 December 10
Box 214	1202, Assembling machine, model E, 1908
Box 214	1203, USMC trademark done in plants and flowers in front of Building A, 1908
Box 214	1204, American twin shoe moulding machine, model B, undated
Box 214	1205, Imperial heel breasting machine. model B, undated
Box 214	1207, Goodyear gutsole rapid lockstitch, part of head showing needle in leather, Mayo's thread pulling mechanism, undated
Box 214	1209, Hub lining cementer, model E, 1908
Box 278	1254 (broken), undated
Box 214	1277, Rotary feather edge and shank reducing machine, model H, 1908
Box 214	1280, Champion strip beveling machine, 1908

Box 214	1281, Goodyear welt and turn shoe machine, model G, 1908
Box 214	1282, McKay sewing machine showing nash single tooth pawl, 1908
Box 214	1283, Sketch of cutter, number 248 with descriptions, 1908
Box 214	1283, Sketch of cutter, number 248 with descriptions, 1908
Box 214	1286, undated
Box 214	1287, undated
Box 214	1288, undated
Box 214	1305, undated
Box 214	1321, undated
Box 214	1322, undated
Box 214	1324, undated
Box 214	1326, undated
Box 214	1327, undated
Box 278	1329 (broken), undated
Box 214	1330, undated
Box 214	1332, undated
Box 214	1334, undated
Box 214	1357, undated
Box 214	1358, undated
Box 214	1360, undated
Box 214	1386, undated
Box 214	1387, undated
Box 214	1389, undated
Box 214	1405, undated

Box 214	1406, undated
Box 214	1412, undated
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Box 214	1431, undated
Box 214	1432, undated
Box 214	1434, undated
Box 214	1436, undated
Box 214	1438, undated
Box 214	1440, undated
Box 214	1463, undated
Box 214	1464, Employment office showing key racks, undated
Box 214	1465, undated
Box 214	1469, undated
Box 214	1470, undated
Box 215	1501, undated
Box 215	1528, undated
Box 215	1530, undated

Box 215	1531, undated
Box 215	1532, undated
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Box 215	1542, undated
Box 215	1544, undated
Box 215	1548, undated
Box 215	1550, undated
Box 215	1556, undated
Box 215	1559, undated
Box 215	1600, undated
Box 215	1619, undated
Box 215	1620, undated
Box 215	1639, undated
Box 215	1645, undated
Box 215	1651, undated
Box 215	1652, undated
Box 215	1653, undated
Box 215	1657, undated

Box 215	1659, undated
Box 215	1660, undated
Box 215	1661, undated
Box 215	1663 (positive), undated
Box 215	1663 (negative), undated
Box 215	1665, undated
Box 215	1666, undated
Box 215	1667, undated
Box 215	1669, undated
Box 215	1670, undated
Box 215	1671, undated
Box 215	1672, undated
Box 215	1673, undated
Box 278	1673 (broken), undated
Box 278	1674 (broken), undated
Box 215	1675, undated
Box 215	1677, undated
Box 215	1678, undated
Box 215	1679, undated
Box 215	1680, undated
Box 215	1681, undated
Box 215	1682, undated
Box 215	1683, undated
Box 215	1684, undated

Box 278	1685 (broken), undated
Box 215	1686, undated
Box 215	1687, undated
Box 215	1688, undated
Box 215	1689, undated
Box 215	1690, undated
Box 215	1691, undated
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Box 215	1696, undated
Box 215	1697, undated
Box 215	1698, undated
Box 216	1699, undated
Box 216	1700, undated
Box 216	1701, undated
Box 216	1702, undated
Box 216	1703, undated
Box 216	1704, undated
Box 216	1705, undated
Box 216	1706, undated
Box 216	1708, undated
Box 216	1709, undated

Box 216	1710, undated
Box 216	1711, undated
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Box 216	1790, undated
Box 216	1805, undated
Box 216	1806, undated
Box 216	1808, undated
Box 216	1810, undated
Box 216	1812, undated
Box 216	1848, undated
Box 216	1849, undated
Box 216	1851, undated
Box 216	1867, Factory, girls' reception and lounging area, undated
Box 216	1882, undated
Box 216	1884, undated
Box 216	1902, undated
Box 216	1903, undated
Box 216	1904, undated
Box 217	1905, undated
Box 217	1906, undated
Box 217	1909, undated
Box 217	1911, undated
Box 217	1912, undated
Box 217	1918, undated
Box 217	1921, undated
Box 217	1928, undated
Box 216	1929, undated

Box 216	1931B, undated
Box 216	1932, undated
Box 216	1933, undated
Box 216	1934, undated
Box 216	1935, undated
Box 216	1937, undated
Box 216	1939, undated
Box 217	1940, undated
Box 217	1941, undated
Box 217	1942, undated
Box 217	1944, undated
Box 217	1947, undated
Box 217	1948, undated
Box 217	1955, undated
Box 217	1957, undated
Box 217	1962, undated
Box 217	1964, undated
Box 217	1973, undated
Box 217	2218, undated
Box 217	2224, undated
Box 217	2225, undated
Box 217	2226, undated
Box 217	2228, undated
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Box 217	2231, undated
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Box 217	2233, undated
Box 217	2235, undated
Box 217	2252, undated
Box 217	2253, undated
Box 217	2254, undated
Box 217	2255, undated
Box 217	2256, undated
Box 217	2257, undated
Box 217	2258, undated
Box 217	2259, undated
Box 217	2260, undated
Box 217	2266, undated
Box 217	2271, undated
Box 217	2273, undated
Box 217	2274, undated
Box 217	2297, undated
Box 217	2298, undated
Box 217	2299, undated
Box 217	2300, undated
Box 217	2305, undated
Box 217	2307, undated
Box 217	2317, undated

Box 217	2318, undated
Box 217	2319, undated
Box 217	2320, undated
Box 217	2321, undated
Box 278	2344 (broken), undated
Box 217	2345, undated
Box 217	2353, undated
Box 217	2355, undated
Box 217	2358, undated
Box 217	2359, undated
Box 217	2376, undated
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Box 218	2392, undated
Box 218	2393, undated
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Box 218	2468, undated
Box 218	2469, undated
Box 218	2499, undated
Box 218	2505, undated
Box 218	2506, undated
Box 218	2507, undated
Box 218	2508, undated
Box 278	2511 (broken), undated
Box 218	2512, undated
Box 218	2513, undated
Box 218	2516, undated
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Box 218	2564, undated
Box 218	2598, undated
Box 218	2599, undated
Box 219	2600, undated
Box 218	2601, undated
Box 218	2602, undated
Box 218	2603, undated
Box 218	2625, undated
Box 218	2635, undated
Box 218	2644, undated
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Box 219	2768, undated
Box 219	2775, undated
Box 279	2776 (broken), undated
Box 219	2779, undated
Box 219	2781, undated
Box 219	2783, undated
Box 219	2784, undated
Box 219	2785, undated
Box 219	2802, undated
Box 279	2803 (broken), undated
Box 219	2805, undated

Box 219	2807, undated
Box 219	2808, undated
Box 219	2809, undated
Box 219	2810, undated
Box 219	2814, undated
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Box 220	2890, undated
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Box 220	2900, undated
Box 220	2901, undated
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Box 220	2903, undated
Box 220	2904, undated

Box 220	2905, undated
Box 220	2906, undated
Box 220	2917, undated
Box 220	2922, undated
Box 220	2923, undated
Box 220	2925, undated
Box 279	2933 (broken), undated
Box 220	2935, undated
Box 220	2936, undated
Box 220	2937, undated
Box 220	2938, undated
Box 220	2939, undated
Box 220	2940, undated
Box 220	2941, undated
Box 220	2942, undated
Box 220	2943, undated
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Box 220	2945, undated
Box 220	2946, undated
Box 220	2947, undated
Box 220	2950, undated
Box 220	2963, undated
Box 220	2969, undated
Box 221	2974, undated

Box 221	2976, undated
Box 221	2979, undated
Box 221	2992, undated
Box 221	2993, undated
Box 221	2999, undated
Box 221	3006, undated
Box 221	3008, undated
Box 221	3011, undated
Box 221	3018, undated
Box 221	3025, undated
Box 221	3033, undated
Box 221	3040, undated
Box 221	3041, undated
Box 221	3043, undated
Box 221	3044, undated
Box 221	3045, undated
Box 221	3063, undated
Box 221	3064, undated
Box 221	3065, undated
Box 221	3066, undated
Box 221	3067, undated
Box 221	3084, undated
Box 221	3085, undated
Box 221	3087, undated

Box 221	3097, undated
Box 221	3099, undated
Box 221	4000, undated
Box 221	4002, undated
Box 221	4003, undated
Box 221	4018, undated
Box 221	4019, undated
Box 221	4023, undated
Box 221	4024, undated
Box 279	4025 (broken), undated
Box 221	4026, undated
Box 221	4028, undated
Box 221	4029, undated
Box 221	4030, undated
Box 221	4031, undated
Box 221	4033, undated
Box 221	4034, undated
Box 221	4035, undated
Box 221	4037, undated
Box 221	4039, undated
Box 221	4041, undated
Box 221	4042, undated
Box 221	4044, undated
Box 221	4045, undated

Box 221	4046, undated
Box 221	4086, undated
Box 221	4089, undated
Box 221	4095, undated
Box 221	4096, undated
Box 221	4097, undated
Box 221	4098, undated
Box 221	4101, undated
Box 221	4103, undated
Box 221	4105, undated
Box 221	4106, undated
Box 222	4107, undated
Box 222	4110, undated
Box 222	4167, undated
Box 222	4168, undated
Box 222	4171, undated
Box 222	4173, undated
Box 222	4177, undated
Box 222	4181, undated
Box 222	4185, undated
Box 222	4186, undated
Box 222	4187, undated
Box 222	4188, undated
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Box 222	4191, undated
Box 222	4192, undated
Box 222	4194, undated
Box 222	4195, undated
Box 222	4196, undated
Box 222	4197, undated
Box 222	4199, undated
Box 222	4206, undated
Box 222	4210, undated
Box 222	4234, undated
Box 222	4236, undated
Box 222	4237, undated
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Box 222	4244, undated
Box 222	4245, undated
Box 222	4252, undated
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Box 222	4260, undated
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Box 223	4360, undated
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Box 223	4401, undated
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Box 223	4459, undated
Box 279	4472 (broken), undated
Box 223	4487, undated
Box 223	4488, undated
Box 223	4489, undated
Box 223	4512, undated
Box 223	4515, undated

Box 223	4520, undated
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Box 224	4680, undated
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Box 224	4682, undated
Box 224	4683, undated
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Box 224	4685, undated
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Box 224	4696, undated
Box 224	4697, undated
Box 224	4698, undated
Box 224	4699, undated
Box 224	4544, undated
Box 224	4699
Box 224	4700
Box 224	4701
Box 224	4702

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Box 225	4741
Box 225	4742
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Box 225	4746
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Box 225	4760
Box 225	4761
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Box 228	5108
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Box 228	5155, Chain, 1913 January 2
Box 228	5157, undated
Box 228	5158, undated
Box 228	5159, undated
Box 228	5160, undated
Box 228	5173, undated
Box 228	5175, undated
Box 228	5181, undated
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Box 229	5521-A, undated
Box 229	5521-B, undated
Box 229	5522, undated
Box 229	5523, undated
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Box 232	5885, undated
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Box 232	5936
Box 233	5940, undated
Box 233	5942
Box 233	5943
Box 290	5947 (broken), Heel lift cutting B, left side, 1913 October 13
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Box 233	6014, Punch marks on brass plate Stanbon perforating, 1255-1275, 1913 November 5

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Box 233	6033, Copies of cuts, stanbon machines, 1913 November 14
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Box 233	6064, GR steam generator, kerosene heater, 1913 November 20
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Box 233	6066, Copy of punch marks on brass plate, stanbon perforating (1192-1208), 1913 September 20
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Box 233	6068, Insole toe snipping, 1913 November 22
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Box 233	6073, Premier heel picking, undated
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Box 233	6076, Heel building page, 1913 December 1
Box 233	6077, Heel building page, 1913 December 1

Box 233	6078, Heel building page (copy of drawing), 1913 December 1
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Box 233	6136, Copy of punch marks on brass plate, stanbon perforating (1826-1844), 1913 December 4
Box 233	6138, Heel scouring, 1913 December 5
Box 233	6139, USMC buttonhole making, turret assembled with looper mechanism, 1913 December 5
Box 233	6143, Group on stage, masquerade ball, 1913 December 7
Box 233	6144, GR outsole channel shank reducing, 1913 December 9
Box 233	6145, Rex pulling over a PO (positive plate), 1913 December 12
Box 233	6147, GR power welt grooving and beveling punch and die and forming dies, 1913 December 13
Box 233	6148, GR power welt grooving and beveling punch and die and forming dies, 1913 December 13
Box 234	6152, Samson everletting, 1913 December 15
Box 234	6153, Buttonhole making, USMC, turret assembled with looper, 1913 December 17
Box 234	6153, Buttonhole making, USMC, showing mechanism, 1913 December 20
Box 234	6157, Buttonhole making, USMC, thread mechanism, 1913 December 22
Box 234	6158, Buttonhole making, USMC, thread mechanism, 1913 December 22
Box 290	6159 (broken), Improved strippings, 1919 March 24
Box 234	6160, GR welt and turn shoe K with heat retaining hood, 1913 December 22
Box 234	6161, GR welt and turn shoe K with heat retaining hood, 1913 December 22
Box 234	6162, GR joining MOD C, 1913 December 22
Box 234	6163, GR outsole rapid lockstitch K ORL, assembled parts of head, 1913 December 23

Box 234	6164, GR outsole rapid lockstitch K ORL, assembled parts of head, 1913 December 22
Box 234	6165, GR outsole rapid lockstitch K ORL, shuttle driving mechanism, 1913 December 23
Box 234	6166, Samson eyeletting, 1913 December 24
Box 234	6167, GR outsole rapid lockstitch O-ORL, 1913 December 24
Box 234	6169, Rapid seam rubbing F RSR, 1913 December 26
Box 234	6171, GR outsole rapid lockstitch, 1913 December 30
Box 234	6173, GR outsole rapid lockstitch O ORL clutch driving mechanism, 1913 December 31
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Box 234	6175, Samson eyeletting SE (catalogue), 1914 January 2
Box 234	6176, Single edge setting M RMES, 1914 January 2
Box 234	6214, Heel protector driving, 1914 January 12
Box 234	6215, Squires electric track, switch assembled, 1914 January 8
Box 234	6216, Squires electric track, switch parts, 1914 January 8
Box 234	6217, GR outsole rapid lockstitch K-ORL, 1914 January 15
Box 234	6218, GR outsole rapid lockstitch K-ORL (copy of photos 3088-3096, 5944,-5946, 6165-6173), 1914 January 15
Box 234	6223, Guard on vertical drill machine 3914, 1914 January 20
Box 234	6223, Guard on vertical drill attached to floor, adjustable to ankle, machine 2618, 1914 January 20
Box 234	6225, Sheet iron guards attached to floor for vertical drill, machine 304, 1914 January 20
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Box 234	6229, Hospital interior looking west, 1914 January 29

Box 234	6230, Hospital interior, northwest corner showing operating table, medicine closet, 1914 January 29
Box 234	6231, Hospital interior, looking west, showing desk, medicine closet, 1914 January 29
Box 234	6232, Spline milling (Pratt & Whitney) with fixture, 1914 June 30
Box 234	6232, Spline milling (Pratt & Whitney) with fixture, machine 3687, 1914 January 30
Box 234	6234, Spline milling (Pratt & Whitney) with fixture, machine 3687, 1914 January 30
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Box 234	6252, Spline milling fixture B-10W, 1914 February 3
Box 234	6253, Spline milling fixture, B2 low, 1914 February 3
Box 234	6254, Sheet iron guard attached to floor for vertical drill, B3-18, 1914 February 3
Box 234	6256, Pinking MOD R no symbol, 1914 February 6
Box 234	6257, Sole lip wetting, 1914 February 7
Box 234	6267, Young ladies' reception room 2 BC, 1914 February 11
Box 234	6269, GR outsole channel, shank reducing B OSR, 1914 February 16
Box 234	6270, GR outsole channel, shank reducing B OSR (catalogue), 1914 February 17
Box 234	6273, Universal angle plate with height gauge on surface plate, 1914 February 17
Box 234	6274, Universal angle plate with height gauge on surface plate, 1914 February 17
Box 234	6279, Spline milling machine with fixture (machine 3687), Pratt & Whitney, 1914 February 19
Box 234	6280, Spline milling machine with fixture (machine 3687), Pratt & Whitney, 1914 February 19
Box 234	6283, Universal angle plate with height gauge on surface plate, 1914 February 26
Box 234	6284, Rex rotary turn shoe pounding E TSP, 1914 February 28
Box 234	6289, Eagle sole and upper marking Modela SUM, 1914 March 3
Box 234	6290, Rex toe trimming B TTM, 1914 March 3

Box 235	6291, Hadaway stitch separating HSS, 1914 March 3
Box 235	6297, Rex pulling over B PO, 1914 March 12
Box 235	6299, Loose nailing, 1914 March 13
Box 235	6301, Hercules leveling A HL, 1914 March 13
Box 235	6302, GR welt and turn shoe G WTG, 1914 March 14
Box 235	6303, GR universal inseam trimming, 1914 March 13
Box 235	6304, GR universal inseam sewing, 1914 March 13
Box xx	6320, GR welt and turn shoe K WTG, 1914 March 14
Box xx	6321, Consolidated hand method lasting (McKay) HM, 1914 March 13
Box xx	6322, GR universal inseam trimming, 1914 March 14
Box xx	6323, GR outsole rapid lockstitch M-ORL, 1914 March 14
Box xx	6325, McKay copeland lasting ML, 1914 March 14
Box xx	6327, GR welt and turn shoe E, 1914 March 14
Box xx	6328, GR welt and turn shoe E, 1914 March 14
Box xx	6329, GR improved sole laying (twin) ISL, 1914 March 14
Box xx	6330, Chase lasting CLM, 1914 March 14
Box xx	6331, Power welt tacking TNT, 1914 March 14
Box xx	6332, Rex pulling over C PO, 1914 May 14
Box xx	6333, GR outside rapid lockstitch ROS, 1914 March 14
Box xx	6334, GEM flexible insole, 1914 March 14
Box xx	6335, GR outsole rapid lockstitch K ORL, 1914 March 14
Box xx	6336, Spatter quilting, 1914 March 15
Box xx	6338, GR universal shank skiving, 1914 March 14
Box xx	6340, GR forepart turning FT, 1914 March 16

Box 235	6341, Columbia beading, 1914 March 17
Box 235	6342, GR flexible insole X FIX, 1914 March 17
Box 235	6343, Crest heel blackening A CB, 1914 March 18
Box 235	6344, Recent stamping C KPS, 1914 March 19
Box 235	6345, Stanbon channel cementing X XXSC, 1914 March 19
Box 235	6346, Spring heel trimming SHT, 1914 March 19
Box 235	6347, Emery wheel dresser attached to no. 7, 1914 March 19
Box 235	6348, GR Universal channeling-GUC, 1914 March 20
Box 235	6348, GR Universal channeling-GUC for turn work, 1914 March 20
Box 235	6350, Drilling machine, special for drilling, needle guards, epper type (machine 2133), 1914 March 21
Box 235	6351, Drill jig for drilling holes implant sole rounding patterns FR, 1914 March 21
Box 235	6352, GR outsole rapid lockstitch head mechanism K ORL, 1914 March 24
Box 235	6356, Merrick power everletting MPE, 1914 March 14
Box 235	6357, Merrick power everletting MPE, 1914 March 14
Box 235	6359, Merrick power everletting MPE, 1914 March 14
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Box 235	6361, Merrick Power eyeletting MPE, 1914 March 14
Box 235	6367, GR outsole rapid lockstitch head mechanism O ORL, 1914 March 30
Box 235	6368, GR outsole rapid lockstitch head mechanism O ORL, 1914 March 30
Box 235	6369, Stanbon folding, 1914 March 31
Box 235	6370, Stanbon folding showing inside mechansim, 1914 March 31
Box 235	6371, Merrick power eyeletting MPE fitted for corset work, 1914 March 31
Box 235	6372, Merrick power eyeletting MPE, fitted for corset work, 1914 March 31

Box 235	6373, Industrial School, model drop forge hammer, 1914 March 31
Box 236	6374, Industrial School, model drop forge hammer, 1914 March 31
Box 236	6375, GR outside rapid lockstitch O ORL, tension mechanism, 1914 April 1
Box 236	6376, Regent stamping, C RPS, showing adjustable shank horn, 1914 April 2
Box 236	6377, Merrick power eyeletting, fitted for cloth work, 1914 April 3
Box 236	6378, Merrick power eyeletting, fitted for cloth work, 1914 April 3
Box 236	6382, Industrial School, screw demonstration model, 1914 April 6
Box 236	6383, Stanbon folding, 1914 April 9
Box 236	6384, Stanbon folding, undated
Box 236	6398, Industrial school, [beading contact machine?], 1914 April 10
Box 236	6399, Last boring (copy of drawing), Buckminster, 1914 April 10
Box 236	6400, Outsole rapid lockstitch O ORL, 1914 April 13
Box 236	6401, Outsole rapid lockstitch O ORL, electric heat, 1914 April 13
Box 236	6402, GR outsole rapid lockstitch O ORL, electric heat, 1914 April 13
Box 236	6403, USMC sput buffing roll, no. 2, type FR Y829, 1914 April 13
Box 236	6404, Climax heel scouring wheel, 1914 April 13
Box 236	6405, Emerson scouring heel, scouring wheel FR Y852, 1914 April 14
Box 236	6406, Climax heel scouring wheel, 1914 April 14
Box 236	6407, Industrial School, [? punch], 1914 April 14
Box 236	6408, Industrial School, lubrication machine, 1914 April 16
Box 236	6409, Merrick power eyeletting MPE, 1914 April 3
Box 236	6410, Merrick power eyeletting MPE, showing eyeletting attachment, 1914 April 3
Box 236	6411, Merrick power eyeletting MPE, attach or skipping device, 1914 April 3
Box 236	6415, Welt press, 1914 April 22

Box 236	6416, GR moulding or turn moulding, model G TSM, 1914 April 22
Box 236	6417, GR flexible insole X FIX, 1914 April 22
Box 236	6418, Insole lip cutting and scoring, 1914 April 22
Box 236	6419, Lap scarfing, front and right, 1914 April 22
Box 236	6423, Welt reel, 1914 April 23
Box 236	6424, Welt reel, 1914 April 23
Box 236	6425, Industrial School, screw thread developing machine, 1914 April 24
Box 236	6427, Apex welt laying X ALX, 1914 April 24
Box 236	6428, Cylinder splitting R CCS, fitted for welt cutting, 1914 April 25
Box 236	6429, Cylinder splitting R CCS, fitted for welt cutting, 1914 April 25
Box 236	6437, Copy of punch marks, brass plate, Stanbon perforating (773-790), 1914 April 28
Box 236	6438, Copy of punch marks, brass plate, Stanbon perforating (781-800), 1914 April 28
Box 236	6441, Shoe repair outfit generator, base of stitcher showing GSG GDS, fitted with piping for wax pot, 1912 November 30
Box 236	6442, Shoe repair outfit generator GRO, base stitch showing GSG, kerosene, fitted with piping for wax pot, 1912 April 30
Box 236	6443, Handy heel press B HHP, 1912 April 30
Box 236	6444, GR outsole rapid lockstitch M ORZ, heat retaining hood, 1912 May 14
Box 236	6446, Summit splitting M SSE, 1912 May 15
Box 236	6448, Improved baby sole cutting for purpose engraving BDO, 1912 May 16
Box 236	6452, Apex thin edge A TE, 1914 May 18
Box 236	6453, Summit splitting, 1914 May 18
Box 236	6454, High stand finishing shaft (72"), MOD S HSFS, 1914 May 13

Box 236	6457, Shoe repair outfit generator, GRO, base of stitcher showing GSG-GDS with pipe fitted to wax pot. Also shows instruction plate GR 5657, 1914 May 6
Box 236	6458, Shoe repair outfit generator, GRO, base of stitcher showing GSG kerosene with piping to wax pot. Also instruction tag and perforated burner, 1914 May 6
Box 236	6461, Welt press S WP, 1914 May 11
Box 236	6462, Lap scarfing H LSH, 1914 May 11
Box 236	6463, Industrial School, link mechanism developing machine, 1914 May 11
Box 236	6465, GR flexible insole X FIX, guage (15-50), 1914 May 13
Box 236	6465, GR flexible insole X FIX, guage (15-50), 1914 May 13
Box 237	6468, Rex upper tanning grinder H-RUT, 1914 May 13
Box 237	6469, GR outsole rapid lockstitch, copy of prints from negatives (6367-6368), mechanisms, MOD O ORL, 1914 May 13
Box 237	6480, US 1/3, undated
Box 237	6483, GR outsole rapid lockstitch O ORL, copy of prints from negatives (6173-3096-3088-5946-6375-6165), connected mechanisms, 1914 May 13
Box 237	6484, GR flexible insole X FIX, for purpose engraver, 1919 May 15
Box 237	6485, Single sole moulding S SPSM, 1914 May 15
Box 237	6486, Bottom roll, left, FR 4874, heel breast wheel, right FR 4877R, 1914 May 18
Box 237	6487, Copy of punch marks on brass plate, stanbon perforating (1360-1377), 1914 May 11
Box 237	6488, Copy of punch marks on brass plate, Stanbon perforating (1369-1387), 1914 May 14
Box 237	6490, Perfection hook setting PE, 1914 May 14
Box 237	6491, Perfection hook setting, 1914 May 14
Box 237	6495, USMC buttonhole making BHM, 1914 May 13
Box 237	6496, USMC buttonhole making BMH, 1914 May 13
Box 237	6497, USMC buttonhole making BMH, part of machine, 1914 May 13

Box 237	6499, Rotary feather, shank, 1914 May 20
Box 237	6501, Cameo foot power eyeletting CE, 1914 May 21
Box 237	6507, Shoe repair outfit GRO, left hand stitcher end, showing GSG with connecting piping to wax pot, 1914 May 21
Box 237	6508, Shoe repair outfit GRO, machine in position for photoengraving at setting, 1914 May 21
Box 237	6508, Shoe repair outfit stitcher and trim GRO, right hand stitcher B, end showing GSG and GDS with connecting piping to wax pot, 1914 May 23
Box 237	6509, Shoe repair outfit stitcher and trim GRO, right hand stitcher B, end showing GSG and GDS with connecting piping to wax pot, 1914 May 23
Box 237	6510, Industrial School, moulders flask, 1914 May 25
Box 237	6511, Industrial School, general properties of metals, 1914 May 25
Box 237	6512, Upper trimming H RUT, head for purpose engraver, 1914 May 26
Box 237	6513, Industrial School, drop forgings, 1914 May 27
Box 237	6514, Industrial School, copy result sheet, Applied Science Department, experimental series 1, general properties of metals, 1914 March 27
Box 237	6515, Industrial School, copy result sheet, Applied Science Department, experimental series 1, general properties of metals, 1914 March 27
Box 237	6519, Welt cutting F WCF, 1914 June 1
Box 237	6520, Welt cutting F WCF, 1914 June 1
Box 237	6521, Welt cutting, N WCN, 1914 June 1
Box 237	6522, Champion heel, left skiving, 1914 June 4
Box 237	6523, Champion heel, left skiving, A CLS, 1914 June 4
Box 237	6524, Champion heel, left skiving, A CLS, 1914 June 4
Box 237	6525, High stand finishing shaft (72") MOD S HSFS with equipment (catalogue), 1914 June 4
Box 237	6527, Laying machine pad showing vertical longitudinal section and molded sole, 1914 June 5

Box 237	6528, Laying machine pad showing vertical longitudinal section and moulded sole, 1914 June 5
Box 237	6529, Laying machine pad showing vertical longitudinal section and moulded sole, 1914 June 5
Box 237	6530, Laying machine pad showing vertical longitudinal section and moulded sole, 1914 June 5
Box 237	6531, Laying machine pad showing vertical longitudinal section and moulded sole, 1914 June 5
Box 237	6535, undated
Box 237	6535A, undated
Box 237	6535A (positive), undated
Box 237	6536 (See Smithsonian negative 92-4679), undated
Box 237	6536 (positive), undated
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Box 238	6553, Boss spring, heel scarfing, 1914 June 10
Box 238	6557, GR outsole channeling OC, 1914 June 11
Box 238	6558, GR channeling (outsole) OC, 1914 June 11
Box 238	6562, GR outsole rapid lockstitch, copy of wiring diagram, ELEC H, 1914 June 15
Box 238	6563, Shoe repair outfit generator, base of stitcher showing GSG gas with piping to wax pot, 1914 January 15

Box 238	6564, Shoe repair outfit generator, base of stitcher showing GSG gas with piping to wax pot, 1914 January 15
Box 238	6565, Record book of photo negatives, Photo Department, 1914 June 16
Box 238	6566, Record book of photo negatives, Photo Department, 1914 June 16
Box 238	6568, Bending machine for heavy die work, 1914 June 18
Box 238	6569, Apex knife grinding B FMG, 1914 June 19
Box 238	6570, Insole flexing, R MIF, 1914 June 19
Box 238	6572, Empire splitting, C ES bench, 1914 June 23
Box 238	6573, GR Universal welt beating UWB, 1914 June 27
Box 238	6575, Shoe repair outfit, GRD, special 9, combination fin, buff and scour with single buff rolls, trim and stitch, 1914 July 2
Box 238	6576, Loose nailing, number 2, showing double raceway, 1914 July 8
Box 238	6577, Loose nailing, number 2, showing double raceway, 1914 January 3
Box 238	6579, Copy drawing, special royal perforating punch blanks, B RPM, for ideal coated paper, 1914 July 6
Box 238	6580, Copy drawing, special royal perforating punch blanks, B RPM, for ideal coated paper, 1914 July 6
Box 238	6581, GR outsole rapid lockstitch K ORL, die Number 216A, drop forge, 1914 July 6
Box 238	6582, Drop forge die, number 263A K ORL, 1914 July 6
Box 238	6583, GR outsole rapid lockstitch K ORL, drop forge, die number 613A, 1914 July 6
Box 238	6584, GR outsole rapid lockstitch K ORL, trimming die with plate and punch, drop forge, number 216 A, 1914 July 7
Box 238	6585, GR outsole rapid lockstitch K ORL, trimming die with plate and punch, drop forge, number 263 A, 1914 July 7
Box 238	6586, GR outsole rapid lockstitch K ORL, trimming die with plate and punch, drop forge, number 613 A, 1914 July 7
Box 238	6587, Cobbler shop, 1914 July 9

Box 238	6589, Improved gearless sole cutting S GSC, 1914 July 10
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Box 290	6634 (broken), Portrait of W.H. Carrico, 1914 July 17
Box 280	6635, James McPherson (broken), 1914 July 17
Box 238	6637, H.C. Farrell (portrait), 1914 July 7
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Box 238	6641, R.P. Hatch, 1914 July 17
Box 238	6642, R.P. Hatch, 1914 July 17
Box 238	6643, P.E. Seayer, 1914 July 17
Box 238	6644, P.E. Seayer, 1914 July 17
Box 238	6645, George A. Smith, 1914 July 17
Box 238	6646, George A. Smith, 1914 July 17
Box 238	6647, William Duane, 1914 July 17
Box 238	6648, William Duane, 1914 July 17
Box 238	6650, [Mr. Toppan?], undated
Box 238	6651, A.R. Braden, 1914 July 21
Box 238	6652, A.R. Braden, 1914 July 21
Box 290	6656 (broken), Heel lift, cutting B, 1914 August 20
Box 238	6661, P.E. Seayer, 1914 July 22
Box 238	6663, George W. Gates, 1914 July 24

Box 239	6664, George W. Gates, 1914 July 24
Box 239	6665, F.C. Perkins, 1914 July 25
Box 239	6666, F.C. Perkins, 1914 July 25
Box 239	6669, Machinery from Salem fire, 1914 July 28
Box 239	6674, Double hook setting, 1914 July 3
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Box 239	6676, Double hook setting, 1914 July 3
Box 239	6713, Loose nailing, number 2 LN, Jack number 8 (860), 1914 August 1
Box 239	6720, Rotary pounding and trimming, grater dust hood, B RRP, 1914 August 7
Box 239	6721, Rotary pounding and trimming, grater dust hood, B RRP, 1914 August 7
Box 239	6722, Stenographer's office, Ms. Choate's decorated desk, 1914 August 8
Box 239	6723, Stenographer's office, Ms. Choate's decorated desk, 1914 August 8
Box 239	6725, USMC buttonhole finishing, 1914 August 12
Box 239	6727, GR universal, welt beating UWB, 1914 August 15
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Box 239	6735, Heel lift cutting B LCB, 1914 August 20
Box 239	6737, GR welt and turn shoe K WTG, operator H.D. [Filebrown?], 1914 August 22
Box 239	6740, GR welt beating and slashing, 1914 August 25
Box 239	6741, GR tack, pulling and resetting, 1914 August 25
Box 239	6742, GR upper stapling B GUS, with operator Jacobs, 1914 August 25
Box 239	6743, GR inseam tack pulling ITP with operator Brewster, 1914 August 25
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Box 239	6747, ABS entrance, interior looking north, 1914 August 27
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Box 239	6749, ABS entrance from court, 1914 August 27
Box 239	6769, Factory, BCS entrance from driveway, 1914 August 27
Box 239	6777, Industrial School, heat caused by friction disks running with and without oil, 1914 September 2
Box 239	6778, Last boring, Buckminster, copy of drawing, 1914 September 3
Box 239	6778, Last boring, Buckminster, copy of drawing, 1914 September 3
Box 239	6781, Planet sole rounding PSR, part of heading and showing gearing and guards, 1914 September 8
Box 239	6819, GR insole tack pulling ITP (catalogue), 1914 September 10
Box 239	6820, GR welt and turn shoe K WTG, 1914 September 10
Box 239	6834, Drier shoe X SOX, 1914 September 23
Box 239	6835, Centennial splitting A SMC (catalogue), 1914 September 23
Box 239	6836, Factory, reel hose house, number 2, from of building C, 1914 September 25
Box 239	6839, Centennial splitting B SMC (catalogue), 1914 September 25
Box 239	6868, GR flexible insole X FIX (McKay work), 1914 September 30
Box 239	6878, Champion shank skiving A CSA, 1914 October 1
Box 239	6879, Industrial School, apparatus for testing elasticity, 1914 October 1
Box 239	6883, Factory, fire drill by USMC Fire Department, 1914 October 3
Box 239	6908, Industrial School, inclined plane apparatus, 1914 October 7
Box 239	6910, Rex pulling over, E PO (turn work), 1914 October 8
Box 239	6915, Buffing, G GB (catalogue), 1914 October 15
Box 239	6916, Heel building M HBM, bench machine, 1914 October 15
Box 239	6917, Clicking die stock, grinding (number 3809), 1914 October 14

Box 239	6922, Clicking and die bending bench (with operator), 1914 October 16
Box 239	6924, GR outsole rapid lockstitch, connected mechanism, 1914 October 20
Box 239	6925, Industrial School, gear testing, 1914 October 22
Box 240	6926, Automatic heel trimming and scouring fowler, 1914 October 22
Box 240	6927, Welt and turn shoe (copy of drawing fowler), 1914 October 22
Box 240	6928, GR outsole rapid lockstitch O ORL, copy of print from negative 6924, to be printed with negative 6167, mechanisms, 1914 October 22
Box 240	6929, Industrial School, pony brake, 1914 October 22
Box 240	6962, Busell heel trimming BT (catalogue), 1914 October 23
Box 240	6963, Brockton feather edge OR, shank reducing, 1914 October 21
Box 240	6970, Station 2, drop forge, building looking from near boat house, 1914 October 20
Box 240	6971, Station 3, drop forge, building looking from grove near Elliott S 20E, 1914 October 20
Box 240	6972, Station 4, drop forge, building from field looking W 15 S, 1914 October 20
Box 240	6973, Station 5, front of building A and clump of trees from Elliott Street looking N. 20E, 1914 October 20
Box 240	6974, Station 6A, clump of trees and path through field looking S 10W from Elliott Street, 1914 October 20
Box 240	6975, Station 6B, drop forge building from Elliott Street, looking W 30S, across field, 1914 October 20
Box xx	6976, Station 6C, Elliott Street, looking W 25N, electric car in distance, 1914 October 20
Box 240	6977, Station 7A, looking across lower pond toward foundry from Elliott Street, above drop forge building looking N 5E, 1914 October 20
Box 240	6978, Station 7B, Elliott Street above drop forge building, looking North 40W, showing corner of Elliott and McKay Streets, 1914 October 20
Box 240	6979, Station 8, from factory grounds looking toward old buildings on Elliott Street, W-35S, 1914 October 21

Box 240	6980, Station 9, from factory grounds looking directly north across lower pond toward factory, 1914 October 20
Box 240	6981, Station 10, from factory grounds looking across pond W 35N toward McKay Street, 1914 October 21
Box 240	6982, Station 11, near water gate, Elliott Street looking North 35E across lower pond showing a part of the grounds and front of factory buildings, 1914 October 20
Box 240	6983, Station 12, McKay Street, south of stairway to shop yard, looking north 10W, 1914 October 20
Box 240	6984, Station 13, Corner McKay and Glidden Streets, looking west 10N up Glidden Street, 1914 October 20
Box 240	6985, Station 14, from McKay Street between Glidden and Blake Streets, looking across pond toward factory lumber yard, north 10E, 1914 October 21
Box 240	6986, Station 15, corner of McKay and Blake Streets, 1914 October 21
Box 240	6987, Station 16A, corner of Glidden and Blake Streets, looking east 25N , toward factory, 1914 October 20
Box 240	6987, Station 16A, corner of Glidden and Blake Streets, looking east 25N , toward factory, 1914 October 20
Box 240	6988, Station 16B, corner of Glidden and Blake Streets, looking south 20E, 1914 October 20
Box 240	6989, Station 16C, corner of Glidden and Blake Streets, looking west 35S up Blake Street, 1914 October 21
Box 240	6990, Station 16D, corner of Glidden and Blake Streets, looking north 25 W, 1914 October 20
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Box 240	6992, Station 18, Pierson Street between Blake and Sturtevant Streets, looking west 40N on Pierson Street, Lewis house in foreground, 1914 October 21
Box 240	6994, Station 19B, corner of Pierson and Sturtevant Streets, looking west 40N up Pierson Street, Holt house on left, 1914 October 21
Box 240	6993, Station 19A, corner of Pierson and Sturtevant Streets, looking northeast, down Sturtevant Street, Lane house at left, 1914 October 21

Box 240	6995, Station 19C, corner of Pierson and Sturtevant Streets, looking north 10W up Pierson Street, Lane house at right, 1914 October 21
Box 240	6996, Station 20A, corner of Glidden and Sturtevant Streets, looking north 20E, Double house in foreground, 1914 October 20
Box 240	6997, Station 20B, corner of Glidden and Sturtevant Streets, looking south 25W up Sturtevant Street on left, Jensen house next to corner, 1914 October 21
Box 240	6998, Station 20B, corner of Glidden and Sturtevant Streets, looking west 15S up Sturtevant Street, Bolton house at right, 1914 October 21
Box 240	6999, Station 20D, corner of Glidden and Sturtevant Streets, looking west 20 N up Glidden Street, Bolton House on left, 1914 October 21
Box 240	7000, Station 20E, corner of Glidden and Sturtevant Streets, looking north 30W up Sturtevant Street, Bolton house on left, 1914 October 20
Box 240	7001, Station 21 corner of McKay and Sturtevant Streets looking west 20S up Sturtevant Street, Ellis house on right, 1914 October 21
Box 240	7002, Factory yard near gate house, looking west 40S gate house, 1914 October 21
Box 240	7003, Station 22B, factory yard near gate house, looking west across upper pond, 1914 October 21
Box 240	7004, Station 23A, corner of McKay and Sturtevant Streets, looking north across upper pond, 1914 October 20
Box 240	7005 Station 23B, corner of McKay and Sturtevant Streets, looking east 20N across dam, 1914 October 20
Box 240	7006, Station 23C, corner of McKay and Sturtevant Streets, overlooking lower ponds E25 toward engine house, stairway to dam from McKay Street, 1914 October 20
Box 240	7007, Station 23D, corner of McKay and Sturtevant Streets, looking up McKay Street west 35N toward Titus house, 1914 October 20
Box 240	7008, Station 24, McKay Street looking west 20N, Titus house and others, 1914 October 21
Box 240	7009, Station 25, by side of upper pond, looking west 40N across water toward club house and school house, 1914 October 21
Box 240	7010, Station 26A, corner of McKay and Matthies Streets, looking south 25 W up Matthies Street, Titus house at left, 1914 October 22

Box 241	7011, Station 26B, corner of McKay and Matthies Streets, looking west 25S up Matthies Street, Patterson house in foreground, 1914 October 22
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Box 241	7013, (positive) Station 27, McKay Street between Matthies and Goodyear Streets, looking west, 1914 October 22
Box 241	7014, Station 28, McKay Street between Matthies and Goodyear Streets, looking north 20W across brook, school house in center, 1914 October 21
Box 241	7015, Station 29, McKay Street between Matthies and Goodyear looking W 30N, 1914 October 21
Box 241	7016, Station 30A, corner of Glidden and Matthies Streets, looking east 25N down Matthies Street, Glidden House in foreground, 1914 October 21
Box 241	7017, Station 30B, corner of Glidden and Matthies Streets, looking east 5S down Glidden Street, Glidden House in foreground factory , chimney in center, 1914 October 21
Box 241	7018, Station 30C, corner of Glidden and Matthies Streets, looking south 10W, McClellen house in foreground, 1914 October 21
Box 241	7019, Station 30D, corner of Glidden and Matthies Streets, looking north 20W up Glidden Street, Erickson house in foreground, 1914 October 22
Box 241	7020, Station 31A, corner of Pierson and Matthies Streets, looking east 30N down Matthies Street, Julian House in foreground, 1914 October 22
Box 241	7021, Station 31B, corner of Pierson and Matthies Streets, looking east 10S along Pierson Street, Julian House at corner, 1914 October 21
Box 241	7022, Station 31C, corner of Pierson and Matthies Streets, looking north 25W up Pierson Streets and showing back houses on Glidden Street, 1914 October 21
Box 241	7023, Station 32, from side of hill overlooking corner of Pierson and Matthies Streets, east 20S, rear of Howard and Holt houses in distance, 1914 October 21
Box 241	7024, Station 33A, end of Goodyear Street, looking south between gate posts, 1914 October 22
Box 241	7025, Station 33B, end of Goodyear Street, looking west over part of golf course, 1914 October 22
Box 241	7025, Station 33C, end of Goodyear Street, looking northwest, gun club house in distance, 1914 October 22

Box 241	7026, Station 33C, end of Goodyear Street, looking northwest, gun club house in distance, 1914 October 22
Box 241	7027, Station 33C, looking north, club house and school house in distance, 1914 October 22
Box 241	7028, Station 34A, corner of Goodyear and Pierson Streets, looking north over golf grounds toward club house and school house, 1914 October 21
Box 241	7029, Station 34B, corner of Goodyear and Pierson Streets, looking north 35E down Goodyear Street, school house at left, 1914 October 21
Box 241	7030, Station 34C, corner of Goodyear and Pierson Streets, looking east 15S down Pierson Street and showing rear of houses in Pierson Street, shop chimneys in center, 1914 October 21
Box 241	7031, Station 34A, corner of Goodyear and Pierson Streets, looking south 30W toward end of Goodyear Street, 1914 October 22
Box 241	7032, Station 34E, corner of Goodyear and Pierson Streets, looking west 15S, gun club house in distance, 1914 October 22
Box 241	7033, Station 35A, Glidden Street between Matthies and Goodyear Streets, looking west 10N, Holmes house in foreground, 1914 October 22
Box 241	7034, Station 35B, Glidden Street between Matthies Street and Goodyear Streets looking north, 20W toward Goodyear Street showing back of houses on McKay Street. Morse house in foreground, 1914 October 22
Box 241	7035, Station 36A, Corner of McKay Street and Goodyear Streets, looking south 20E on McKay Street, Jorgensen house in corner, 1914 October 22
Box 241	7036, Station 36B, corner of McKay Street and Goodyear Streets, looking north 5W up McKay Street, club house, 1914 October 22
Box 241	7037, Station 37, McKay Street between Goodyear and Balch Streets, looking north 35W up McKay Street, 1914 October 22
Box 241	7038, Station 38, McKay Street between Goodyear and Balch Streets, looking north 20E, Winslow School House, 1914 October 22
Box 241	7039, Station 39, from front lawn of club house on McKay Street looking west 30N, 1914 October 22
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Box 248B	8569, Hercules leveling, new style form, 1916 April 14
Box 248B	8570, Hercules leveling, old style form, 1916 April 14
Box 248B	8571, Hercules leveling, new style form block, 1916 April
Box 248B	8572, Hercules leveling, new style form block, undated
Box 248B	8573, Hercules leveling, new style form block, 1916 April 24
Box 248B	8574, Wax posts, types F electric and K, 1916 April 17
Box 248B	8557, USMC buttonhole making, showing inside of machine, 1916 April 3

Box 248	8559, Drinking fountain, 1916 April 4
Box 280	8561, Prize cups of West Park Bowling League (broken), 1916 April 13
Box 248	8575, West Park Bowling League winning team (negative), 1916 April 21
Box 248	8575, West Park Bowling League winning team (positive), 1916 April 21
Box 248	8576, New power hammer with large anvil, 1916 April 25
Box 248	8577, New power hammer with small anvil, 1916 April 25
Box 248	8578, Burdett Business College students, 1916 April 13
Box 248	8579, Shoe repair outfit, type P, style 23, fin, buff with single scour, 1916 April 29
Box 248	8580, Shoe repair, type P, style 25, fin and buff with single scouring roll, 1916 April 29
Box 248	8581, Shoe repair, type P, style 26, fin and buff with single scouring roll, 1916 May 1
Box 248	8582, Shoe repair, type P, style 28, finishing, buffing with double scouring, 1916 May 1
Box 248	8583, Union special transmitter, undated
Box 248	8584, GR welt indenting and burnishing, 1916 May 13
Box 249	8595, Shoe repair outfit, type P, ROP, ROS MOD B stitcher, 1916 May 10
Box 249	8596, Shoe repair outfit, type P, ROP, ROS MOD B generator, 1916 May 10
Box 249	8597, GR insole heel seat trimming (catalogue), 1916 May 16
Box 249	8598, undated
Box 249	8800, Group of Burdett College students, 1916 April 13
Box 249	8801, undated
Box 249	8802, Rubbish box in corridor, 1916 April 4
Box 249	8804, Hospital, nurses waiting for a patient, 1916 April 7
Box 249	8805, Hercules leveling, composition holder for adjustable forms, 1916 May 20
Box 249	8806, Hercules leveling, composition holder for adjustable forms jack, 1916 May 20

Box 249	8807, Hercules leveling, adjustable form ready for casting, 1916 May 20
Box 249	8808, Hercules leveling, adjustable upper wing plunger, 1916 May 20
Box 249	8809, Hercules leveling, form complete, 1916 May 20
Box 249	8810, Portrait of Vincent G. Terry, 1916 May 22
Box 249	8811, Portrait of Vincent G. Terry, 1916 May 22
Box 249	8812, GR insole heel seat trimming, last pin head lever, 1916 May 22
Box 249	8813, Gem cementing and reel, 1916 May 24
Box 291	8814 (broken), Construction work in middle pond, 1916 May 24
Box 249	8815, Construction work in middle pond, 1916 May 24
Box 249	8816, Construction work in middle pond, 1916 May 24
Box 249	8817, Construction work in middle pond, 1916 May 24
Box 249	8818, Apple trees in blossom, 1916 May 25
Box 249	8819, Residence of Mr. M.B. Kaven, 1916 May 25
Box 249	8819, Residence of Mr. M.B. Kaven, 1916 May 25
Box 249	8821, Apple trees in blossom, residence of Mr. Kaven, 1916 May 25
Box 249	8823, Apple trees in blossom, residence of Mr. Kaven, 1916 June 1
Box 249	8824, Gem cementing and reel, 1916 June 1
Box 249	8825, Auto contest at Sam Sam Day, 1916 August 18
Box 249	8826, unidentified, undated
Box 249	8827, unidentified, undated
Box 249	8829, Office B-1, line of cabinet desks, 1916 June 3
Box 249	8830, Finished Stock Department, AO-7, looking north showing racks and benches, 1916 June 5
Box 249	8831, Finished Stock Department, AO-7, looking north showing racks and desks, 1916 June 5

Box 249	8832, Finished Stock Department, AO-4, showing rack steps, 1916 June 6
Box 249	8833, Cloth rolling, Naumkeag Buffing Machine Company, 1916 June 14
Box 249	8834, Cloth rolling, Naumkeag Buffing Machine Company, 1916 June 14
Box 249	8838, Office A-1, Miss J. Louise O'Connor at her decorated desk, 1916 June 20
Box 249	8839, Campbell lock stitching sewing for auto tires, 1916 June 23
Box 249	8840, New power hammer C PH, showing treadle, large anvil, 1916 June 24
Box 249	8841, Edge scouring A ESA,, 1916 June 27
Box 249	8842, New power hammer, showing treadle and large anvil, 1916 January 27
Box 249	8843, Shoe repair outfit, type P, style 22, finishing, trimming, buffing, with double scouring, 1916 June 29
Box 249	8844, Shoe repair outfit, type P, style 10, stitcher, finishing, trimming and buffing, single scouring roll, 1916 July 10
Box 249	8845, Edge scouring A ESA, 1916 July 15
Box 249	8846, Foot power stamping, 1916 July 15
Box 249	8848, Alpha wood heel nailing, 1916 July 19
Box 249	8849, Royal performing, 1916 July 21
Box 249	8850, Royal performing, 1916 July 21
Box 249	8851, Louis heel knife grinding machine, 1916 July 21
Box 250	8852, McKay knife grinding, 1916 July 21
Box 250	8853, Office B-1, 1916 July 22
Box 250	8854, Office B-1, southwest to northeast, 1916 July 22
Box 250	8855, Office B-1, southwest to northeast (wide angle), 1916 July 22
Box 250	8856, Drawing Room, looking from northeast to southwest, 1916 July 22
Box 250	8857, Catalogue Room, looking north, 1916 July 22
Box 250	8858, Catalogue Room, showing Printing Department, 1916 July 22

Box 250	8859, Girls' rest room, 1916 July 22
Box 250	8860, unidentified, undated
Box 250	8861, unidentified, undated
Box 250	8862, unidentified, undated
Box 250	8863, Hospital office, 1916 July 24
Box 250	8864, Victor fastening, 1916 July 26
Box 250	8866, USM buttoning machine, 1916 July 26
Box 250	8867, GR upper tack pulling C UTP, 1916 July 28
Box 250	8868, Spray cooling system in small pond, 1916 July 31
Box 250	8869, Spray cooling system in small pond, 1916 July 31
Box 250	8870, Industrial School Department, 1916 July 31
Box 250	8872, Catalogue Room, looking south, 1916 July 29
Box 250	8874, unidentified, undated
Box 250	8875, Photo Department, northwest corner, Operations Room, 1916 August 2
Box 250	8876, unidentified, undated
Box 250	8877, unidentified, undated
Box 250	8878, unidentified, undated
Box 250	8879, unidentified, undated
Box 250	8880, unidentified, undated
Box 250	8881, unidentified, undated
Box 250	8882, unidentified, undated
Box 250	8883, unidentified, undated
Box 250	8884, unidentified, undated
Box 250	8885, unidentified, undated

Box 250	8886, unidentified, undated
Box 250	8887, unidentified, undated
Box 250	8888, Photo Department, northwest corner, Operating room, 1916 August 2
Box 250	8889, GR automatic leveling, 1916 August 4
Box 250	8891, Vulcan foot power eyeletting FPE showing power attachment under bench, 1916 August 24
Box 250	8892, Vulcan foot power eyeletting FPE showing power attachment under bench, 1916 August 24
Box 250	8895, Shoe repair outfit special GRO, combination finish and buff, scour with single buff roll, stitch B, 1916 September 7
Box 250	8896, Portrait of E.J. Ray, 1916 September 16
Box 250	8897, Portrait of H.M. Loomer, 1916 September 16
Box 250	8898, Portrait of George A. Smith, 1916 September 16
Box 250	8899, Portrait of William Marshall, 1916 September 20
Box 250	9000, Portrait of William Marshall, 1916 September 20
Box 250	9002, USMC sole cementing A UCA, 1916 September 25
Box 250	9003, Portrait of E.J. Ray, 1916 September 16
Box 250	9004, GR outsole rapid lockstitch, floor type with kerosene generator, 1916 October 13
Box 250	9005, GR outsole rapid lockstitch, floor type with kerosene generator, 1916 October 13
Box 250	9006, USMC string nailing, 1916 October 25
Box 251	9007, Shoe repair outfit, type P, Style 25, finishing, buffing, scouring, 1916 October 25
Box 251	9008, Shoe repair outfit, type P, style 28, finishing and buffing with double scouring, 1916 October 25
Box 251	9009, Shoe repair outfit, type P, style 15, finishing and buffing with double scour roll and stitcher, 1916 October 26

Box 251	9010, Shoe repair outfit, type P, style 12, finishing and buffing with double scour roll and trim stitcher, 1916 October 26
Box 251	9011, Shoe repair outfit, type P, style 26, finishing and buffing with double scour stitcher, 1916 October 27
Box 251	9012, Shoe repair outfit, type P, style 23, finishing and buffing with single scour stitcher, 1916 October 27
Box 251	9014, Drop forge dies for England ORL 71, 1916 November 3
Box 251	9015, Drop forge dies for England ORL 71, 1916 November 3
Box 251	9016, Forging from drop forge dies for making ORL 71 (for England), 1916 November 3
Box 251	9017, Economy insole stitching part of machine, showing brushing of needle bar presser foot holes, 1916 November 3
Box 251	9018, Atlas leveling, 1916 October 17
Box 251	9019, Centrifugal pump, steam driven, 1916 November 7
Box 251	9020, Drop forge dies ORL 71, roughing, for England, 1916 November 7
Box 251	9021, Drop forge dies ORL 71, roughing, for England, 1916 November 7
Box 251	9022, Drop forge dies ORL 71, roughing, for England, 1916 November 7
Box 251	9023, Greenhouse interior, residence of Mr. Winslow, 1916 November 8
Box 251	9024, Greenhouse interior, residence of Mr. Winslow, 1916 November 8
Box 251	9025, Greenhouse interior, residence of Mr. Winslow, 1916 November 8
Box 251	9026, Buffing, 1916 November 15
Box 251	9027, GR upper shaping for purposes of engraver, 1916 November 6
Box 251	9029, USMC Embossing machine, model C, motor driven and electrical heat, 1916 November 16
Box 251	9030, Crest heel blacking, model B, motor driven, 1916 November 16
Box 251	9031, USMC lasting, number 6 LM motor D, 1916 November 6
Box 251	9033, Portrait of Daniel Low, 1916 November 16

Box 251	9034, GR outsole rapid lockstitch C ROS, 1916 November 17
Box 251	9035, Shoe repair outfit, style 29A, combination finishing, buffing, scouring with single buff roll trim, stitch C, 1916 December 23
Box 251	9036, Shoe repair outfit, style 31, combination finishing, buffing, scouring with double buff roll trim, stitch C, 1916 December 23
Box 251	9037, Portrait of Henry Cottrell, 1916 December 5
Box 251	9038, Lasting machine, number 6, 1916 December 8
Box 251	9039, USMC lasting, number 6, long leg boots, 1916 December 8
Box 251	9040, USMC metallic heel and counter, 1916 December 9
Box 251	9041, USMC metallic heel and counter J25-31, 1916 December 9
Box 251	9042, Oil cans, MSM 56 zinc, BHM 387 sheet steel, 1916 December 9
Box 251	9043, USMC lasting, number 7, 1916 December 14
Box 251	9044, Premier heel pricking, 1916 December 16
Box 251	9045, Premier heel pricking, 1916 December 16
Box 251	9046, Premier heel pricking, 1916 December 16
Box 251	9047, Campbell cyclone sewing, 1916 December 21
Box 251	9048, Insole tacking machine number 1, 1916 December 22
Box 251	9049, GR upper staple grinding, 1916 December 26
Box 251	9050, Campbell lockstitch sewing for auto tires, 1916 December 28
Box 251	9052, Boston tacking, 1917 January 4
Box 251	9053, Pyramid heel building machine, matrices for patterns of heel jaws, model A, 1917 January 15
Box 251	9054, Pyramid heel building machine, matrices for patterns of heel jaws, model A, 1917 January 15
Box 251	9054, Pyramid heel building machine, method of placing matrices in relation to heel and finished pattern, model A, 1917 January 15

Box 251	9056, Pyramid heel building machine, finished heel jaws, 1917 January 15
Box 251	9057, Sectional filing desk without cover, 1917 January 18
Box 252	9058, Sectional filing desk with cover, 1917 January 18
Box 252	9059, Sectional filing desk with insert, 1917 January 18
Box 252	9060, Sectional filing desk with insert, 1917 January 18
Box 252	9061, Orchids at the Winslow greenhouse, 1917 January 20
Box 252	9062, USMC hand rounding clamp, 1917 January 22
Box 252	9063, Twin edge setting, 1917 January 26
Box 252	9064, GR channel laying, 1917 January 26
Box 252	9065, Portrait of Orrell Ashton, 1917 January 26
Box 252	9066, Portrait of Frederick Eli Bertrand, 1917 January 26
Box 252	9068, J.N. Bussell, 1917 January 26
Box 252	9069, Frank Chase, 1917 January 26
Box 252	9070, Christian Dancel, 1917 January 26
Box 252	9071, Alvin Dighton Elliott, 1917 January 26
Box 252	9072, Andrew Eppler, 1917 January 26
Box 252	9073, Hadley P. Fairfield, 1917 January 26
Box 252	9074, Charles W. Glidden, 1917 January 26
Box 252	9075, Charles Goodyear, 1917 January 26
Box 252	9076, William Gordon, 1917 January 26
Box 252	9077, Elias Howe, 1917 January 26
Box 252	9078, Stephen V.A. Hunter, 1917 January 26
Box 252	9079, Sherman W. Ladd, 1917 January 26
Box 252	9081, Gordon McKay, 1917 January 26

Box 252	9082, Jonathan Munyan, 1917 January 26
Box 252	9083, Fred J. Nash, 1917 January 26
Box 252	9084, George L. Rollins, 1917 January 26
Box 252	9085, Simon Ross, 1917 January 26
Box 252	9086, Isaac Merritt Singer, 1917 January 26
Box 252	9087, Seth Dexter Tripp, 1917 January 26
Box 252	9089, Freeman Winslow, 1917 January 26
Box 252	9090, Factory Bowling League, Elliott Street, Beverly team, 1917 January 30
Box 252	9092, The Runaways cast of characters, 1917 February 2
Box 252	9095, "The Runaways" principal characters, 1917 February 2
Box 252	9096, "The Runaways" principal characters, 1917 February 2
Box 252	9096, Mrs. Estelle Connors, 1917 February 2
Box 252	9097, Miss Carrie Marden, 1917 February 2
Box 252	9098, Miss Adele Alexander, 1917 February 2
Box 252	9500, Ben Altenheiner, 1917 February 2
Box 252	9501, GR outsoling rapid lockstitch B ROS, 1917 February 9
Box 252	9501, GR outsoling rapid lockstitch, wiring diagram, electrical heat C ROS, 1917 February 14
Box 252	9502, GR outsoling rapid lockstitch, wiring diagram, electrical heat C ROS, 1917 February 14
Box 252	9503, Expedite finishing, wiring diagram, electrical heat, 1917 February 14
Box 252	9504, GR outsole rapid lockstitch, wiring diagram, electrical heat, MODS, MTO-ORL, 1917 February 15
Box 252	9507, GR outsole rapid lockstitch, wiring diagram, ROS, electrical heat, 1917 February 15

Box 252	9508, GR outsole welt and turn shoe K WTG, wiring diagram, electrical heat 220V, 1917 February 15
Box 252	9509, GR outsole welt and turn shoe K WTG, wiring diagram, electrical heat 110V, 1917 February 15
Box 252	9510, GR outsole rapid lockstitch, model B ROS, 1917 February 16
Box 253	9511, GR outsole rapid lockstitch, Model C ROS, 1917 February 16
Box 253	9512, Common sense splitting, 32" knife, 1917 February 19
Box 253	9513, Economy insole channeling, 1917 March 3
Box 253	9514, Universal double clinch, 1917 March 3
Box 253	9518, Rapid standard screw, 1917 March 13
Box 253	9519, USMC upper cementing, 1917 March 23
Box 253	9520, Fred Churchley, 1917 April 4
Box 253	9524, Wilfred Hallings, 1917 April 4
Box 253	9525, Edward Stott, 1917 April 4
Box 253	9526, William Black, 1917 April 4
Box 253	9530, Loose nailing, number two fitted with belt tightener, 1917 April 9
Box 253	9531, Pluma skiving, 1917 April 13
Box 253	9536, Arrival of 5:20 p.m. train from Boston, 1917 April 16
Box 253	9539, Shoe repair outfit, style 32, stitcher C, electrical heat, combination finish, buff and scour, 1917 April 24
Box 253	9542, E.F. Grady, 1917 April 27
Box 253	9543, Knife welt cutting, 1917 April 27
Box 253	9545, Manufacturing machine, heel seat backing off, number 4855, B1 30, 1917 April 30
Box 253	9546, Manufacturing machine, heel seat backing off, number 4855, B1 30, 1917 April 30

Box 253	9547, Manufacturing machine, fore part backing off, number 3180, B1 30, 1917 May 1
Box 253	9548, Manufacturing machine, fore part backing off, with drive pulley, number 3180, [B30?], 1917 May 1
Box 253	9549, Manufacturing machine, fore part backing off, without drive pulley, number 3180, [B30?], 1917 May 1
Box 253	9550, Alvin D. Elliott, 1917 May 4
Box 253	9552, Naumkeag pad drying, 1917 May 4
Box 253	9554, Naumkeag pad wetting machine, 1917 May 7
Box 253	9558, Shoe repair outfit, special 317 for R.H. Fyfe Company, two stitchers, electrical heat, double unit buffing and scouring with single buffing rolls, 1917 May 10
Box 253	9562, unidentified, undated
Box 253	9563, unidentified, undated
Box 253	9564, Shoe repair outfit special for General Electric Company, finish, motor, buff and scour with double buff rolls, trim, stitch C with electrical heat, 1917 May 19
Box 253	9565, Embossing machine, Model C, undated
Box 253	9567, GR welt and turn shoe with GR steam generator, 1917 May 26
Box 253	9568, USMC lasting, number 6, 1917 May 29
Box 253	9569, GR outsole rapid lockstitch, Model D, electric heat, 1917 May 31
Box 253	9571, Campbell lockstitch sewing, work support for corner sewing, 1917 June 4
Box 253	9575, Climax finishing shaft (42") without equipment, 1917 June 13
Box 253	9576, Truck and trailer, shoe repair outfit, 1917 June 15
Box 253	9578, Truck and trailer, shoe repair outfit, interior of truck looking forward, 1917 June 15
Box 253	9581, Brock hand tacker for Mr. William R. Hurd, 1917 June 23
Box 253	9582, Champion strip beveling, 1917 June 28
Box 253	9583, GR universal rounding and channeling, Model E., 1917 June 30

Box 253	9584, Edge scouring, 1917 June 7
Box 253	9587, Truck and trailer, shoe repair outfit, interior of truck looking toward rear, operator Harry Murphy, 1917 July 20
Box 254	9590, Truck and trailer, shoe repair outfit, 1917 July 20
Box 254	9591, Truck and trailer, shoe repair outfit showing windows open, 1917 July 20
Box 254	9592, Truck and trailer, shoe repair outfit showing storage batteries, 1917 July 20
Box 254	9593, Truck and trailer, shoe repair outfit showing emergency kit, 1917 July 20
Box 254	9595, George W. Brown, 1917 July 28
Box 254	9596, McKay sewing, portion of lower part, 1917 August 8
Box 254	9597, Desk of Ms. Rebecca Jeddrie, Experimental Department, 1917 August 11
Box 254	9599, Group of girls around desk of Ms. Rebecca Jeddrie, Experimental Department of "Becky's last day", 1917 August 11
Box 254	10101, Factory mail wagon with figure (Lester Stone), undated
Box 254	10102, W.H. Titus, 1917 August 20
Box 254	10104, Edwin McGill, 1917 August 20
Box 254	10106, Sam Crossland, 1917 August 20
Box 254	10108, Harvey J. Ferrier, 1917 August 22
Box 254	10112, Toe softening F-LTSM, electric heat, floor, 1917 August 22
Box 254	10115, James McMahon, 1917 August 24
Box 254	10117, F.A. Cook, 1917 August 27
Box 254	10119, Harry B. Ellis, 1917 August 27
Box 254	10121, Improved gearless sole cutting, 1917 August 27
Box 254	10122, William R. Hurd [2nd?], 1917 August 28
Box 254	10125, Shoe die safety flange, 1917 September 4

Box 254	10126, USMC lasting machine, number 6, for long legged boat work (catalogue), 1917 September 10
Box 254	10130, Unit, Ed-32 with beads, 1917 September 14
Box 254	10131, Improved gearless solve, cutting machine, Model C, 1917 September 17
Box 254	10133, Loose nailing, 1917 September 28
Box 254	10134, Loose nailing, nail pot and horn, 1917 September 28
Box 254	10136, GR welt turn shoe center heads showing difference between A1549 and steam heat A2108, electric heat, 1917 October 5
Box 254	10137, Centennial splitting, 1917 October 6
Box 254	10138, Tap and sole press, Model A, 1917 October 8
Box 254	10139, Tap and sole press, showing method of use, 1917 October 8
Box 254	10140 (E6660), Ideal clicking, 1914 July 21
Box 254	10141, Loose nailing, 1917 October 19
Box 254	10143, Centennial splitting (bench 14"), 1917 October 19
Box 254	10144, Loose nailing fitted with automatic jack, 1917 October 19
Box 254	10145, Toe softening, bench type electric heat, 1917 October 22
Box 254	10146 (E10231), Loose nailing, repair work showing nailing horn, 1917 September 12
Box 254	10149 (E10234), Loose nailing, repair work showing slugging horn, 1917 September 12
Box 254	10152, Economy inside reinforcing, 1917 October 25
Box 254	10153, Rex pulling over, 1917 October 26
Box 254	10154, Rex pulling over, turn work nine tacks, 1917 November 6
Box 254	10156, USMC heel breast beading, 1917 November 7
Box 254	10157, USMC heel breasting, 1917 November 7
Box 254	10158, Premier heel pricking, treadle, 1917 November 7

Box 254	10159, Loose nailing machine, Model B, 1917 November 2
Box 254	10160, USMC eyeletting, 1917 November 5
Box 254	10161, Andirons and totebox, 1917 November 13
Box 254	10162, Andirons with three boxes tiered, 1917 November 3
Box 254	10163, Hand eyeletting truck with andirons and tote boxes, 1917 November 13
Box 254	10164, Steel box for hand or electric truck, 1917 November 3
Box 254	10165, Hand [eyeletting?] truck with large steel box, 1917 November 13
Box 255	10166, Elevating truck andirons, load with bar stock, 1917 November 13
Box 255	10167, Hand elevating truck with andirons and wood, 1917 November 13
Box 255	10169, GR twin sole moulding (catalogue), 1917 November 13
Box 255	10170, GR twin sole moulding, 1917 November 13
Box 255	10171, Goodyear jointing machine, Model D (with grinder), 1917 November 13
Box 255	10172, GR jointing, Model B, 1917 November 14
Box 255	10174, Loose nailing, 1917 November 14
Box 255	10175, Goodyear outsole rapid lockstitch, 1917 December 22
Box 255	10177, Nail loading and distributing attachment, 1917 November 15
Box 255	10178, Champion heel lift skiving, 1917 November 15
Box 255	10180, Tacking and laving GR sole, 1917 November 23
Box 255	10181, Tacking and laving GR sole, 1917 November 23
Box 255	10182, Andiron for eyeletting truck, 1917 November 27
Box 255	10183, Andiron for elevating truck, 1917 November 28
Box 255	10184, USMC service flag on factory, 1917 November 30
Box 255	10186, Pyramid heel building D-PB, 1917 December 1
Box 255	10187, Pyramid heel building, 1917 December 1

Box 255	10188, Pyramid heel building, Model D, 1917 December 1
Box 255	10189, USMC service flag, 1917 December 3
Box 255	10190, Joseph R. Drugan, 1917 December 5
Box 281	10191, Joseph R. Drugan (broken), 1917 December 5
Box 255	10192, Edge trimmer grinder, 1917 December 5
Box 255	10193, Shoe die safety flange, 1917 December 6
Box 255	10195, Vertical camera, Photo Department, 1918 January 2
Box 255	10196, Vertical camera, Photo Department, 1918 January 2
Box 255	10197, Andirons and iron box, 1918 January 3
Box 255	10198, Andirons with iron boxes as load, 1918 January 3
Box 255	10199, Imported andiron with load short bars, 1918 January 3
Box 255	10500, Andirons with long bars on lifting truck, 1918 January 3
Box 255	10501, Andirons with long bars on lifting truck, 1918 January 3
Box 255	10502, Andirons with long bars on lifting truck, 1918 January 3
Box 255	10503, Chemistry lab, oil test, 1918 January 10
Box 255	10504, Chemistry lab, evaporation test, 1918 January 10
Box 255	10505, Fred Chapelle, 1918 January 10
Box 255	10507, Chemistry lab, oil test, 1918 January 14
Box 255	10508, USMC visitor's record, 1918 January 14
Box 255	10509, Number 1-0-H-Steel, showing tearing effect remedied by last treatment, chemistry lab, 1918 May 14
Box 255	10510, Rotary sand blast machine showing fore part cutters being cleaned, 1918 May 16
Box 255	10511, H.H. Eaton, 1918 January 14
Box 255	10513, Edward Erickson, 1918 January 26

Box 255	10514, Rotary sand blast machine, building D, 1918 May 16
Box 255	10515, Twin spline miller showing ORL table (machine number 4814), 1918 May 16
Box 255	10516, John W. Cosgrove, 1918 January 14
Box 255	10517, GR outsole rapid lockstitch, copy of wiring diagram, 1918 January 17
Box 255	10518, heating and mixing kettle for form composition, 1918 January 19
Box 255	10519, Form composition miver, Last and Form Department, 1918 January 19
Box 255	10520, Motor drive and electric heat, USMC embossing, 1918 January 17
Box 255	10521, Frank Chateneuf, 1918 January 10
Box 255	10522, Twin spline miller showing ORL table (machine number 4814) B#-27, 1918 May 16
Box 256	10523, B.T. Leveque, 1918 January 18
Box 256	10524, GR outsole rapid lockstitch ORL, 1918 May 18
Box 256	10525, Reclaiming oil from soda wash showing tankage, 1918 May 22
Box 256	10526, M.D. Phelan, 1918 January 16
Box 256	10527, Reclaiming oil from soda wash, showing soda kettle and equipment, 1918 May 22
Box 256	10528, Twin edge setting R RMES with operators, 1918 May 28
Box 256	10529, Eli Brothers, 1918 January 16
Box 256	10530, McKay automatic heel loading and attachment machine, 1918 May 31
Box 256	10531, McKay automatic heel, 1918 June 4
Box 256	10532, Rupert Barker, 1918 June 5
Box 256	10534, F.H. Perry, 1918 January 16
Box 256	10535, G.F. Stewart, 1918 January 16
Box 256	10536, Thomas Seeley, 1918 January 16
Box 256	10537, Robert Barker, 1918 June 5

Box 256	10538, I.C. [Buckminster?], 1918 January 17
Box 256	10539, John F. Standish, 1918 January 17
Box 256	10541, B. Jorgenson, 1918 January 17
Box 256	10542, W.C. Baxter, 1918 January 16
Box 256	10544, L.A. Cagrain, 1918 January 17
Box 256	10545, Ralph Simmons, 1918 January 17
Box 256	10546, A.M. Alexander, 1918 January 17
Box 256	10547, Chemistry Laboratory, light transmission through oil, 1918 June 3
Box 256	10548, A.B. Fowler, 1918 January 17
Box 291	10552 (broken), Portrait of A. Eppler, 1918 January 23
Box 256	10553, Chemistry Laboratory, light transmission through oils reclaimed, 1918 June 3
Box 256	10554, Chester Hunt, 1918 January 23
Box 256	10555, Chemistry laboratory, light transmission through oils reclaimed, 1918 June 3
Box 256	10556, Cutters for various machines, Bussell trim crescent toe, McKay heel, 1918 June 10
Box 256	10557, F.E. Bertrand, 1918 January 24
Box 256	10559, F.T. Wentworth, 1918 January 24
Box 256	10560, Knives, plumb skiving, Model C and Model D, 1918 June 12
Box 256	10562, Charles W. Hoyt, 1918 January 23
Box 256	10563, Knives, apex tap skiving, rand splitting, 1918 June 12
Box 256	10564, John W. Rigby, 1918 January 26
Box 256	10565, GR up turning and slashing, 1918 July 12
Box 256	10566, F.E. Beckman, 1918 January 26
Box 256	10567, Helen Healey, 1918 July 16

Box 256	10568, Helen Healey, 1918 July 16
Box 256	10569, H.H. Eaton, 1918 January 26
Box 256	10570, McKay Sewing B, copy of wiring diagram, electric heat, 1918 January 24
Box 256	10571, Regent stamping, copy of wiring diagram, electric heat, 1918 January 24
Box 256	10572, GR Rand bobbin winding, copy of wiring diagram, electric heat, 1918 January 24
Box 256	10573, Copy of drawing for wiring electric heat, ironing, 1918 January 24
Box 256	10574, Copy of drawing, wiring, toe softening, Model F, electric heat, 1918 January 24
Box 256	10575, USMC upper stamping, wiring diagram, electric heat, 1918 January 24
Box 256	10576, Copy of drawing, wiring, Rex rotary turn shoe pounding, Model E, 1918 January 24
Box 256	10577, Charles Grush, 1918 January 30
Box 256	10578, Charles Grush, 1918 January 30
Box 256	10580, Frederick M. Furber, 1918 January 30
Box 256	10584, Thomas Lund, 1918 January 30
Box 256	10586, Charles C. Small, 1918 January 30
Box 256	10587, Apparatus, chemistry, 1918 July 18
Box 256	10588, I.C. Buckminster, 1918 January 30
Box 256	10590, Milton H. Ballard, 1918 January 30
Box 256	10591, Centennial splitting, 1918 February 1
Box 256	10593, William R. Hurd, 1918 February 1
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Box 257	10810, GR outsole rapid lockstitch, copy of wiring diagram, electric heat (110 volts), 1918 February 14
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Box 260	11246, Unidentified, undated
Box 260	11247, Unidentified, undated
Box 260	11248, Unidentified, undated
Box 260	11249, Unidentified, undated
Box 260	11250, Unidentified, undated
Box 260	11251, Unidentified, undated
Box 260	11252, Unidentified, undated
Box 260	11253, Unidentified, undated
Box 260	11254, Unidentified, undated
Box 260	11255, Unidentified, undated
Box 260	11256, Unidentified, undated
Box 260	11257, Unidentified, undated
Box 260	11258, Unidentified, undated
Box 260	11259, Unidentified, undated
Box 260	11260, Unidentified, undated
Box 261	11261, Unidentified, undated

Box 261	11262, Unidentified, undated
Box 261	11264, Unidentified, undated
Box 261	11265, Unidentified, undated
Box 261	11266, Unidentified, undated
Box 261	11267, Unidentified, undated
Box 261	11268, Unidentified, undated
Box 261	11269, Unidentified, undated
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Box 273	15412, GR outsole rapid lockstitch, model C, fitted to GRO showing low prssure with GSG-GAS, steam piping system, 1921 February 11
Box 273	15413, GR outsole rapid lockstitch, model C, fitted to GRO showing low pressure with ROS with GSG-GAS, steam piping system, 1921 February 11

Box 273	15414, Apex feather edge, shank reducing, model A, 1921 February 15
Box 273	15415, Apex feather edge, shank reducing, model A, 1921 July 15
Box 273	15416, Apex fleshing, model A, 1921 February 15
Box 273	15417, Apex feathering edge and shank reducing, 1921 February 15
Box 273	15418, Apex fleshing, model B, 1921 February 21
Box 273	15419, Chemistry lab, cutters showing crack, revealed by sand blast, 1921 February 16
Box 273	15420, George Deshon, 1921 February 18
Box 273	15421, George Deshon, 1921 February 18
Box 273	15422, Motor, type kit EO-7027-3, 1921 February 21
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Box 273	15424, Two GR outsole rapid lockstitch ROS machines, connected to one GSG-GAS, applying low pressure steam piping system, undated
Box 273	15425, Motor, type KT-EO-7012-6, 1921 February 23
Box 273	15426, GR outsole rapid lockstitch ROS, model C with GSG-GAS fitted to GRO showing low pressure steam piping system, 1921 February 24
Box 273	15427, Knives, apex spring heel trimming, model A KZG G77, 1921 March 4
Box 273	15428, Edge and heel setting, 1921 March 14
Box 293; Box 274	15429, Economy insole, lip cementing, model B, 1921 March 15
Box 274	15430, USMC counter pinking, model A, 1921 March 19
Box 274	15431, Motor, type SD, ED-7023-1, 1921 March 21
Box 274	15432, Motor, type RC, ED-7001-1, 1921 March 21
Box 274	15433, Motor, type RC, ED-7001-1, 1921 March 21
Box 274	15434, Motor, type RSA, ED-7019-4, 1921 March 21

Box 274	15435, Motor, type RSA, ED-7029-1, 1921 March 23
Box 274	15436, Motor, type RC-ED-7001-5, 1921 March 23
Box 274	15437, Motor type RSA ED-7019-2, 1921 March 23
Box 274	15438, Motor type RKT ED 7011-2, 1921 March 23
Box 274	15439, Motor, type RKT ED 7003-1, 1921 March 23
Box 274	15439, Motor, type RKT ED 7003-1, 1921 March 23
Box 274	15441, Motor, type RKQ ED-7043-1, 1921 March 23
Box 274	15442, Motor, type RKQ ED-7043-2, 1921 March 23
Box 274	15443, Motor, type RKQ ED-7049-1, 1921 March 23
Box 274	15444, Motor, type RKQ ED-7050-1, 1921 March 23
Box 274	15445, Motor, type RKQ ED-7030-1, 1921 March 23
Box 274	15446, Motor, type RC ED-7060-1, 1921 March 24
Box 274	15447, Motor, type RC ED-7010-4, 1921 March 24
Box 274	15448, Motor, type RC ED-7001-3, 1921 March 24
	<p>United Shoe Machinery Company main office [glass plate negative], 1909 1 Item (7.9" x 9.3") Creator: United Shoe Machinery Corporation Language: English. Notes: AC0277-0000004 (AC Scan) 88-14189 (SI neg no.) Silver gelatin on glass. In Box 216, Envelope 1548. Unrestricted research use by appointment. Photographs must be handled with cotton gloves unless protected by sleeves. Room A-1-1; men and women office workers.</p> <p>Topic: Clerks Shoe machinery</p> <p>Genre/Form: Photographs -- Black-and-white negatives -- Glass -- 1900-1950</p>
Box 274	15449, Motor, type RXT ED 7011-3, 1921 March 24

Box 274	15450, Motor, type RXT ED 7003-3, 1921 March 24
Box 274	15451, Soles showing skiving for repair, 1921 March 24
Box 274	15452, Motor, type RSA ED 7022-1, 1921 March 24
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Box 274	15454, William Bond, 1921 March 31
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Box 274	15458, Motor, type SDA ED-7020, 1921 April 4
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Box 274	15460, GR outsole rapid lockstitch, model O, 1921 April 4
Box 274	15461, GR outsole rapid lockstitch, model O, 1921 April 4
Box 274	15462, GR welt and turn shoe, 1921 April 4
Box 274	15463, GR welt and turn shoe, 1921 April 4
Box 274	15465, Consolidated hand method, lasting welt work, 1921 August 4
Box 274	15466, Edge trimming, motor drive, 1921 March 29
Box 274	15467 (E7982), Shoe repair outfit, type P, style 11, 1921 August 26
Box 274	15468 (E7993), Shoe repair outfit, type P, 1915 August 30
Box 274	15469 (E7994), Shoe repair outfit, type P, style, 1915 August 30
Box 274	15471, USMC bottom drier A, electric heat, 1915 April 9
Box 274	15472, Rex toe trimming, part of machine, 1921 April 15
Box 293	15473 (E 15520) (broken), Group portrait of Pope, Heys, Lund, and Alger, 1921, April 16
Box 274	15474, Union edge iron, special "T" shaped back, 1921 April 20
Box 274	15475 (E8142), Shoe repair outfit, type P, style 15, buffing and finishing with single scouring stitcher (9 feet), 1915 October 2

Box 274	15476 (E8143), Shoe repair outfit, type P, style 12, buffing and finishing with single scouring stitcher, 1915 October 2
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Box 274	15482, Shoe repair, showing defect, 1921 May 17
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Box 275	15484, ROS, model B and C, position of shoe when table is incorrectly fitted, 1921 May 17
Box 275	15485, ROS, model B and C, sewing tables showing proper method of fitting for repair work, 1921 May 24
Box 275	15486, Edge trimming, model F, 1921 June 8
Box 275	15487, USMC counter pinking, model A, 1921 May 27
Box 275	15488, ROS, sewing table showing proper paper method of fitting for repair work, 1921 June 2
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Box 275	15490, Edge and heel setting, model A, motor drive and electric heat, 1921 June 2
Box 275	15491, ROS, model B and C, showing correct position of shoe, 1921 June 3
Box 293	15493 (broken), ROS, MODS, showing correct position of shoe for sewing, 1921 June 3
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Box 275	15495, Shoes, correct position of stitches in relation to edge repair, 1921 June 3
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Box 275	15499, Naumkeag buffing, double head motor drive, 1921 June 24
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Box 275	15607, USMC twin edge setting, 1921 September 1
Box 275	15608, Copy drawing wiring, electric heat, Xpedite heel finishing, model BB, 1921 September 14
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Box 275	15626, USMC corrugated rubber, bottom finishing roll FR Y905A, 1921 October 22
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Box 277	16309, Chemistry lab, micrographs of standard steel specimens, 1922 May 25
Box 277	16310, Chemistry lab, micrographs of standard steel specimens, 1922 May 25
Box 277	16311, Chemistry lab, micrographs of standard steel specimens, 1922 May 25
Box 277	16312, Chemistry lab, micrographs of standard steel specimens, 1922 May 25
Box 277	16313, Chemistry lab, micrographs of standard steel specimens, 1922 May 25
Box 277	16314, Chemistry lab, micrographs of standard steel specimens, 1922 May 25
Box 277	16315, Chemistry lab, micrographs of standard steel specimens, 1922 May 25
Box 277	16316, Chemistry lab, micrographs of standard steel specimens, 1922 May 25
Box 277	16317, Chemistry lab, micrographs of standard steel specimens, 1922 May 25
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Box 283	16714 (E15568), High stand finishing shaft-R-R-FSR (Back and Left), Motor drive (60), 1921 June 8
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Box 283	16729, Toe softening - F ZTSM (Front and Right), Electric heat floor, K85, 1922 December 18
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Box 283	16732, Crest heel blacking - B - CB, (Front and Left) K85, 1922 December 18
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Box 283	16744, Amazing skiving - no - 7, AMAZ (Front and Right), K8S, 1923 January 22
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Box 284	16771, Counter skiving, WS, K85 (front and left), 1923 February 12
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Box 284	16773, Royal tip punch, A, RTP, K85 (front and right), 1923 February 14
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Box 284	16789, USMC lining trimming A, ULT, motor drive (front and back), K85, 1923 March 23
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Box 285	20682 (E9275), Hub lining cementing F LCF (Front and Right), Showing angular roll, 1917 January 5
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Box 285	20691 (E9215), USMC sole cementing, AA, SCA (Front and Left), 1916 November 18
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Box 285	20694 (E16533), USMC tap and sole cementing, A, UTC (Back and Right), Belt drive and electric heat, 1922 August 15
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Box 286	20697 (E16560), USMC tap and sole cementing, A, UTC (Left side), Motor drive and electric heat, 1922 September 25
Box 286	20698 (E9987), USMC upper cementing, A, UCA, Scraper fitted with lug, 1917 August 2
Box 286	20699 (E15522), USMC upper cementing, AA, UCA, Upper part of machine (Right side), 1921 April 21
Box 286	20700 (E16563), USMC upper cementing, AA, UCA, Treadle mechanism, 1922 October 22
Box 286	20701 (E9964), USMC cementing, B, UCA (Front and Right), (Army slicker work), 1917 July 20
Box 286	20702 (E9965), USMC cementing, B, UCA (Front and Right), (Army slicker work), 1917 July 20
Box 286	20703 (E12150), USMC top cementing, RB, CRB (Front and Right), 1919 March 20
Box 286	20704 (E12151), USMC top cementing, RA, CRB (Front and Left), 1919 March 20
Box 286	20705 (E12152), USMC top cementing, RA, CRB (Back and Right), 1919 March 20
Box 286	20709 (E7944), Economy insole channeling, ECM, Edge gauge - improved (ECM-B), 1915 June 19
Box 286	20710 (E8155), Economy insole channeling, ECM, Shank feather, ECM-B, Beveling attachment, 1915 October 15
Box 286	20711 (E16985), McKay turn shoe channeling (Front and Right), XXTSC, XXTSC, 1923 February 15
Box 286	20713 (E10287), GR universal channeling, GUC, Motor drive (Front and Right welt), 1917 October 22
Box 286	20714 (E14853), GR universal channeling, GUC, Motor drive and left welt, 1920 June 25

Box 295	20715 (broken), GR universal channeling GUC, motor drive, 1920 June 25
Box 286	20716 (E8483), GR universal channeling, GUC (Front and Right), 1916 April 12
Box 286	20717 (E8484), GR universal channeling, GUC (Back and Right turn), 1916 April 12
Box 295	20718 (broken), GR universal rounding and channeling, 1915 January 30
Box 286	20719 (E7744), GR universal rounding and channeling model G, UR&C, Knife block with swinging motion, 1915 April 20
Box 286	20720 (E9848), GR universal rounding and channeling model E, UR&C, Head front and right showing patterns, 1917 June 6
Box 286	20732 (E13968), Ideal clicking, C, ICM, Apinole, 1920 February 18
Box 296	20734 (broken), Ideal clicking, 1923 March 16
Box 286	20736 (E17595), Ideal clicking, C, ICM, Part of head (Back and Left) showing magnetic locking device locked, 1923 August 31
	20746 (E10222), Ideal twin clicking, 1917 September 10
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Box 286	20748 (E12163), Ideal twin clicking, B, ICM (Front and Left), Showing redesign of combined stitching and beam swinging device, 1919 April 4
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Box 286	20752 (E10635), Insole lip cutting and scoring (Front and Right), E, LCS, 1918 February 2
Box 286	20753 (E13474), Insole lip cutting and scoring, E, LCS (Front and Left), With electric heat, 1919 November 4
Box 286	20753 (E16988), Ideal clicking, C, ICM (Front and Right), Motor drive, 1923 February 24
Box 286	20762 (E11478), Eyeletting grommet and washer telescopic eyelet attachment, Duplex, DE (Front), 1918 September 4

Box 286	20763 (E8912), USMC shank reducing, A, USR (Front and Right), 1916 August 15
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Box 286	20770 (E16544), Gr. outsole channel shank reducing, Model B (Front and Left), Motor Drive, OSR, 1922 August 31
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Box 287	20773 (E15318), Staple fastening, E, SF, Base - front and left showing motor drive, 1920 December 30
Box 287	20774 (E14653), Staple fastening, R, SF, Front and right fitted for repairing turn shoes, 1920 May 6
Box 287	20775 (E14694), Staple fastening, R, SF, Front and left fitted for repairing turn shoes, 1920 May 6
Box 287	20776 (E8785), Staple fastening, D, SF, Part of head front and left, 1916 June 29
Box 287	20777 (E8786), Staple fastening, D, SF, Head front and left, 1916 June 29
Box 287	20778 (E8787), Staple fastening, D, SF, Head front and left showing horn and throat for reinforcing welt sandals, 1916 January 29
Box 287	20779 (E13922), Staple fastening, D, SF, Fitted for .027 SSL wire, Head - front, 1919 December 30
Box 287	20780 (E13939), Staple fastening, D, SF, Adjustable wire passage, 1920 January 17
Box 287	20784 (E9295), GR upper thread fastening (Front and Right), TF, 1917 January 29
Box 287	20785 (E9296), GR upper thread fastening, head front and right, TF, 1917 January 29
Box 287	20786 (E9297), GR Upper thread fastening head, (front and left), TF, 1917 January 29
Box 287	20787 (E9298), GR upper thread fastening, head back, 1917 January 29
Box 287	20788 (E9976), GR upper thread fastening, TF, loop retaining, 1917 July 26

Box 287	20789 (E16150), GR upper thread fastening, head left showing clutch, TF, 1922 May 11
Box 287	20790 (E16151), GR upper thread fastening, head, left showing clutch TF, 1922 May 11
Box 287	20797 (E9638), High stand finishing shaft, front and left, motor drive R FSR, 1922 May 1
Box 287	20798 (E7360), Xpedite finishing, head back and left, electric heat, 1914 December 21
Box 287	20799 (E9228), Xpedite finishing, front and left, electric heat, 1916 November 29
Box 287	20800 (E10911), Xpedite finishing, head, front and left, electric heat, fitted with wax pot, 1918 March 18
Box 287	20801 (E10912), Xpedite finishing, head, back and left, electric heat, fitted with guard and wax pot, 1918 November 18
Box 287	20802 (E11795), Xpedite finishing, front and right, heat and motor drive, 1919 January 22
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Box 287	20805 (E15977), USMC high stand finishing shaft, back and right, motor drive A, 1922 February 10
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Box 287	20809 (E9908), Xpedite finishing, friction heating device, 1917 June 26
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Box 287	20811 (E17158), Heel seating fitting, front and left, part of the machine, motor drive A, 1923 April 27

Box 287

20812 (E17159), Heel seating fitting, left, part of the machine, motor drive, 1923
April 27

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Series 18: Audiovisual Materials, 1934 - 1972

Scope and Contents: This series consists of 1/2 VHS, 3/4" U-Matic and Beta Cam SP video tapes. Additionally, there are annotated rough drafts of film scripts for various films made by United Shoe, particularly the 1938 film "Things I Never Knew Before...About Shoes" narrated by Lowell Thomas and produced by Wilding Productions. There is an index for the Red Books, but no corresponding volumes. The index is arranged numerically by book number and title of machine. There is one file folder of notes about the microfilm reels.

Subseries 18.1: Audiovisual Supplemental, 1974

Box 191, Folder 1

Box 191, Folder 1	Miscellaneous Film Scripts
Box 191, Folder 2	"Things I Never Knew...About Shoes" (script), 1938 November 7
Box 191, Folder 3	Red Book index, undated
Box 191, Folder 4	Microfilm, documentation about reels #3, #7, #12, and #545, undated
Box 289, Item 1-4	United Shoe Machinery interviews, undated 4 Videocassettes (VHS)
Box 289, Item 5	Historical with [Hagopian and Boothroyd?], [1991 December?] 1 Videocassettes (VHS)

Subseries 18.2: Box Toe Machines

Reel OF 277.54-1	Box Toe (color) 1 Motion picture film
Reel OF 277.54-2	Box Toe (black and white) 1 Motion picture film
Reel OF 277.52	Box Toe Machine 1 Motion picture film
Reel OF 277.53	Box Toeing Machine 1 Motion picture film
Reel OF 277.138	TruLine Printed On Box Toe Material 1 Motion picture film

Subseries 18.3: Containers

Reel OF 277.13	Boxmaster
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	1 Motion picture film
Reel OF 277.146	Carton Forming Machine Experimental Model G 1 Motion picture film
Reel OF 277.12-1; Reel OF 277.12-2	Profit Packaging with Boxmaster 1 Motion picture film (print) 1 Film reel (work print)
Reel OF 277.31	Safe Pack Containers (Production Element) 1 Motion picture film
Reel OF 277.33	Safe Pack Containers (black and white) 1 Motion picture film
Reel OF 277.30-1	The Safe Pack Container System (color) 1 Motion picture film
Reel OF 277.30-2	The Safe Pack Container System (black and white) 1 Motion picture film
Reel OF 277.32	Safe Pack Container System (color) 1 Motion picture film
Reel OF 277.129	Unit Container 1 Motion picture film

Subseries 18.4: Corporate and Sales

Reel OF 277.166	Chairman's Introduction to the World of United Shoe Machinery Corporation 1 Motion picture film
Reel OF 277.95	Closing the Sale (Dartnell) 1 Motion picture film
Reel OF 277.93	Developing Your Sales Personality (Dartnell), 1959 1 Motion picture film
Reel OF 277.8	Diamond Anniversary 1 Motion picture film
Reel OF 277.106	Film Clips for USM Annual Meeting 1 Motion picture film
Reel OF 277.153	The First Step 1 Motion picture film
Reel OF 277.94	How To Sell Quality (Dartnell), 1954

1 Motion picture film

Reel OF 277.10 New Paths to Productivity
1 Motion picture film

Reel OF 277.5 No Longer a Dream
1 Motion picture film

Reel OF 277.116 Office Scenes and Equipment Analysis, 1960
1 Motion picture film

Reel OF 277.92 Overcoming Objections (Dartnell), 1953
1 Motion picture film

Reel OF 277.96 Selling America (Jam Handy), 1952
1 Motion picture film

Reel OF 277.179 United Shoe Manchester
1 Motion picture film

Reel OF 277.17 USM Shanks for Quality, Dependability, and Fit
1 Motion picture film

Reel OF 277.88 The World of USM
1 Motion picture film

Subseries 18.5: Cutting Machines

Reel OF 277.172 Apparel Cutting with the Hytronic Cutting Machine
1 Motion picture film

Reel OF 277.69 Buar Cuts
1 Motion picture film

Reel OF 277.149 Floating Head Cutter
1 Motion picture film

Reel OF 277.100 Hyd Clicker Cutting Cardboard
1 Motion picture film

Reel OF 277.164 Hytronic Cutting Machine
1 Motion picture film

Reel OF 277.163 Large Cutting Machine
1 Motion picture film

Reel OF 277.171 Press Cutting for Modern Industry

1 Motion picture film

Reel OF 277.89 Strong Hydraulic Cutting Press
1 Motion picture film

Reel OF 277.122 Travelling Head Cutting Machine
1 Motion picture film

Reel OF 277.111 Twin Hytronic Cutting Machine
1 Motion picture film

Reel OF 277.112 Twin Hytronic Cutting Machine Model A
1 Motion picture film

Subseries 18.6: Dynasert

Reel OF 277.118 Component Insertion with Dynasert
1 Motion picture film

Reel OF 277.121 Dynasert (workprint)
1 Motion picture film

Reel OF 277.173 Dynasert: An Automatic Machine for Assembling Electronic Equipment
1 Motion picture film

Reel OF 277.119 Dynasert Pantograph
1 Motion picture film

Reel OF 277.120 Dynasert Production Equipment for Electronic Assembly
1 Motion picture film

Subseries 18.7: Feeders

Reel OF 277.82 Fabric Feeder
1 Motion picture film

Reel OF 277.84 Fabric Feeder
1 Motion picture film

Reel OF 277.103 Fabric Feeder Model A
1 Motion picture film

Reel OF 277.102 Fabric Feeder Model 1A Feeding Two at a Time
1 Motion picture film

Reel OF 277.104 Feeds

1 Motion picture film

Reel OF 277.83	Manual Feed 1 Motion picture film
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Reel OF 277.105	Through Feed Unhairing or Fleshing Machine 1 Motion picture film
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Reel OF 277.86-1	USM Small Part Fabric Feeder (color) 1 Motion picture film
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Reel OF 277.86-2	USM Small Part Fabric Feeder (black and white) 1 Motion picture film
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Subseries 18.8: Lasting

Reel OF 277.139	Auto Side Lasting M/C 1 Motion picture film
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Reel OF 277.167	Back to Back Lasting Heater 1 Motion picture film
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Reel OF 277.126	Experimental Machine for Automatic Cement Toe Lasting and Trimming 1 Motion picture film
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Reel OF 277.49	Films of Kamborian Cement Side Laster- Model C Machine 1 Motion picture film
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Reel OF 277.51	Kamborian Thermalaster Model B with Wiper 1 Motion picture film
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Reel OF 277.20	The New USM Lasting System 1 Motion picture film
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Reel OF 277.141a; Reel OF 277.141b	Pulling and Lasting Machine-Model A 1 Motion picture film 1 Motion picture film
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Reel OF 277.169	Pulling and Lasting Machine - Model B 1 Motion picture film
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Reel OF 277.162	Pulling Over and Toe Lasting 1 Motion picture film
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Reel OF 277.136	Segmented Automatic Lasting 1 Motion picture film
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Reel OF 277.124	United Heat Seal Lasting Machine-Model F
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1 Motion picture film

Reel OF 277.137 United Tack Lasting Machine - Model A
1 Motion picture film

Reel OF 277.148 USM Pulling and Lasting Machine - Model D
1 Motion picture film

Reel OF 277.19 The Way to Automation in Lasting
1 Motion picture film

Subseries 18.9: Molding

Reel OF 277.143 Injection of Foam
1 Motion picture film

Reel OF 277.144 Injection Molding Machine - Model E
1 Motion picture film

Reel OF 277.168 The United Injection Molding Machine
1 Motion picture film

Reel OF 277.182 Injection Molding Machine - Model A, undated
1 Film reel (16mm, 490 feet)

Subseries 18.10: Research

Reel OF 277.155 975 Speed With Regular Lip Knife
1 Motion picture film

Reel OF 277.178 Actual Operation at Billie Shoe Company, Inc. Methuen Mass
1 Motion picture film

Reel OF 277.177 Actual Operation at Webster Shoe Company
1 Motion picture film

Reel OF 277.115 Anaysis of Walking - Bare Feet and With Shoes
1 Motion picture film

Reel OF 277.151 Automation in the Fitting Room
1 Motion picture film

Reel OF 277.132 The British United Shoe Machinery Company Research Department
1 Motion picture film

Reel OF 277.44 Building L-1 Test Facility

	1 Motion picture film
Reel OF 277.174	Cine Fluography 1 Motion picture film
Reel OF 277.15	Computer Studies in the Shoe Industry 1 Motion picture film
Reel OF 277.9	Continued Progress Through Research 1 Motion picture film
Reel OF 277.71	Equipment Care and Set-Up: Compilation Reel 1 Motion picture film
Reel OF 277.157	Evaluation Film: United Shoe Machinery Automatic Equipment 1 Motion picture film
Reel OF 277.41	Film Report: Auto Guided Machines 1 Motion picture film
Reel OF 277.43	Film Report: USM Ohio Lab, November 1959 1 Motion picture film
Reel OF 277.181	High Speed Photography 1 Motion picture film
Reel OF 277.46	Operations of Research Analysis of Work Flow and Lasting Room Transporters 1 Motion picture film
Reel OF 277.113	Operations Research Analysis of Workflow and Lasting Room Transposters 1 Motion picture film
Reel OF 277.40	Progress Report: Geometric System 1 Motion picture film
Reel OF 277.16	Production Scheduling Via Remote Computer 1 Motion picture film
Reel OF 277.11	Research Is Only the Beginning 1 Motion picture film
Reel AC0277-MV0004; Box 288	Robot 1 Motion picture film Notes: Reference video, Box 288
Reel OF 277.80	Robot Small Parts Manipulator

	1 Motion picture film
Reel OF 277.62	Tanning Machinery Developments of 1948 1 Motion picture film
Reel OF 277.127	Three New Machines 1 Motion picture film
Reel OF 277.98	Tools and Rules for Precision Measuring 1 Motion picture film
Reel OF 277.91	Wartime Developments in the Research Division 1 Motion picture film

Subseries 18.11: Resurfacing

Reel OF 277.78-1	Block Resurfing Machine Model A (color) 1 Motion picture film
Reel OF 277.78-2	Block Resurfing Machine Model A (black and white) 1 Motion picture film
Reel OF 277.79	Block Resurfacers 1 Motion picture film
Reel OF 277.107	USM Block Resurfacing Machine 1 Motion picture film

Subseries 18.12: Roughing

Reel OF 277.67	USM Automatic Bottom Roughing Machine 1 Motion picture film
Reel OF 277.68	Automatic Upper Roughing Machine 1 Motion picture film
Reel OF 277.70	Automatic Bottom Roughing Machine/Twin Hytronic Cutting Machine 1 Motion picture film
Reel OF 277.76	Automatic Roughing 1 Motion picture film
Reel OF 277.133	Taking the Risk Out of Roughing

1 Motion picture film

Subseries 18.13: Shoe Industry

Reel OF 277.131 Coated Products for the Shoe Trade
1 Motion picture film

Reel OF 277.6 If the Shoe Fits
1 Motion picture film
Notes: **Digital reference copy in the Smithsonian Institution Digital Asset Management System (DAMS).**

Reel OF 277.39 Leather in Your Life
1 Motion picture film

Reel OF 277.135 Lightweight Foamed Work Shoe
1 Motion picture film

Reel OF 277.2;
Box 288, Item
DVD0277.1 The Soul of the Shoe Industry
1 Motion picture film
Notes: Reference video, Box 288
Digital reference copy in the Smithsonian Institution Digital Asset Management System (DAMS).

Reel OF 277.26 Story of Leather
1 Motion picture film

Reel OF 277.3-1;
Reel OF 277.3-2;
Box 288 Things I Never Knew Before About Shoes
2 Motion picture films
Notes: 2 film copies.
Reference video, Box 288
Digital reference copy in the Smithsonian Institution Digital Asset Management System (DAMS).

Reel OF 277.7 The Unexis Shoe
1 Motion picture film

Subseries 18.14: Skiing

Reel OF 277.29 Plastic Ski Slope
1 Motion picture film

Reel OF 277.28 Skiing on Felton Plastic Ski Track, 1964

1 Motion picture film

Subseries 18.15: Soles and Heels

Reel OF 277.34 Goodyear Outsole Stitching Machine Model A
1 Motion picture film

Reel OF 277.36 Goodyear Sole Laying Machine Model A
1 Motion picture film

Reel OF 277.110 Heel Trimmer
1 Motion picture film

Reel OF 277.152 Molding and Attaching Soles and Heels to Leather Upper Shoes
1 Motion picture film

Reel OF 277.35-1 Outsole Stitcher (color)
1 Motion picture film

Reel OF 277.35-2 Outsole Stitcher (black and white)
1 Motion picture film

Reel OF 277.73 Rodsole Cementing Machine Model A with Shoe Bottom Heater
1 Motion picture film

Reel OF 277.170 Rodsole Cementing Machine Model A with Cement Sole and Breast Flap Attaching
Machine Model C
1 Motion picture film

Reel OF 277.74 Rodsole Cementer Model A with Shoe Bottom Warmer
1 Motion picture film

Reel OF 277.61 Sole Leather Hammering and Rolling
1 Motion picture film

Reel OF 277.147 Unifast Insole Attaching System
1 Motion picture film

Subseries 18.16: Transporters

Reel OF 277.42 A New Tool for Management
1 Motion picture film

Reel OF 277.27 At Your Service -The USM Shoe Transporter
1 Motion picture film

Reel OF 277.45 The Automatic Shoe Transporter: Part of BUMSC Powerplan

	1 Motion picture film
Reel OF 277.154	BUSMC Universal Duo Rail Transporter 1 Motion picture film
Reel OF 277.25	McElwain Transporter 1 Motion picture film
Reel OF 277.165	Production Control With a Transporter System 1 Motion picture film
Reel OF 277.1-1; Reel PF 277.1a; Reel PS 277.1b; Reel PS 277.1c; Reel PS 277.1d; Box 288	Shoes on the Move 5 Motion picture films (1 archival original, 1 preservation print, 3 preservation sound elements) Notes: Reference video, Box 288 Digital reference copy in the Smithsonian Institution Digital Asset Management System (DAMS). Digital reference copy in the Smithsonian Institution Digital Asset Management System (DAMS).
Reel OF 277.97	Shoes on the Move (Outtakes) 1 Motion picture film
Reel OF 277.48	Shoe Transporter 1 Motion picture film
Reel OF 277.47	Transporter 1 Motion picture film
Reel OF 277.1-2	United Transporter Model A Adapted from SATRA-EATOUGH 1 Motion picture film

Subseries 18.17: Weapons

Reel OF 277.23	30mm Automatic Gun T168 and Ammunition Belt Links 1 Motion picture film
Reel OF 277.24	105 Recoilless Rifle 1 Motion picture film
Reel OF 277.90	Aircraft Weapons 1 Motion picture film
Reel OF 277.22	Ammo Gun 1 Motion picture film
Reel OF 277.125	Belting Machine Tank 105mm Gun

1 Motion picture film

Reel OF 277.145	Firing Test of 90mm Mount M2 Fuse Setter with Rammer M20 1 Motion picture film
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Reel OF 277.21	USM Project Ace 1 Motion picture film
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Subseries 18.18: Miscellaneous Films

Reel OF 277.140	Auto Pop Riveter 1 Motion picture film
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Reel OF 277.38	Automatic Edge Shaping Machine Model A 1 Motion picture film
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Reel OF 277.81	Automatic Labeling System Combining USM Fabric Feeder with Gelman Automatic Label Attacher 1 Motion picture film
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Reel OF 277.18	Automatic Leather Stacking Machine 1 Motion picture film
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Reel OF 277.108	Automatic Shirtfront Overedging System 1 Motion picture film
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Reel OF 277.56	Automatic Skiver 1 Motion picture film
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Reel OF 277.55	Automatic Skiving and Sewing Operations 1 Motion picture film
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Reel OF 277.128	Back Part B 1 Motion picture film
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Reel OF 277.180	Back Slip Shuttle Loop Machine 1 Motion picture film
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Reel OF 277.75-1	Breast Flap Trimming Model A (Print) 1 Motion picture film
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Reel OF 277.75-2	Breast Flap Trimming Model A (Negative) 1 Motion picture film
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Reel OF 277.183	The BUSMC Cemented Process Plant, undated 1 Film reel (16mm)
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Reel OF 277.109	Cement Upper Assembly
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	1 Motion picture film
Reel OF 277.101	Clicker Dock Savage 1 Motion picture film
Reel OF 277.156	Controlling Pattern Grading Machine 1 Motion picture film
Reel OF 277.37	Edge Shaper 1 Motion picture film
Reel OF 277.87	"FAB" Fabric Assembling and Bonding 1 Motion picture film
Reel OF 277.130	Goodyear Inseam Sewing Machine-Model A 1 Motion picture film
Reel OF 277.99	Improved Clicking Machine Model C 1 Motion picture film
Reel OF 277.14-1	Inpak Machine (color) 1 Motion picture film
Reel OF 277.14-2	Inpak Machine (black and white) 1 Motion picture film
Reel OF 277.175	Kamborian Model C 1 Motion picture film
Reel OF 277.50	Kamborian Model C Machine Block Runs with Wiper 1 Motion picture film
Reel OF 277.63	Looper 1 Motion picture film
Reel OF 277.176	Metal Stamping 1 Motion picture film
Reel OF 277.185	One Step Ahead, 1979 1 Film reel (color, magnetic stripe soundtrack, print; super 8mm, 180 feet)
Reel OF 277.117	PFAFF 1 Motion picture film
Reel OF 277.114	Plastic Fastenings 1 Motion picture film
Reel OF 277.142	Pressure Sensitive Tape and Method for Making and Dispensing Same

1 Motion picture film

Reel OF 277.160	Pulling Over Machine 1 Motion picture film
Reel OF 277.134	Quinn Machine-Block Runs Curved Sleeve (Beverly) 1 Motion picture film
Reel OF 277.123	Screw Exchange #1 Press 1 Motion picture film
Reel OF 277.158	Test Head Looper 1 Motion picture film
Reel OF 277.64	Test Stitcher Head Looper 1 Motion picture film
Reel OF 277.77	Tru-Line Printed on Process 1 Motion picture film
Reel OF 277.161	Tymaster 1 Motion picture film
Reel OF 277.65	UBI Control Drive Mechanism Horizontal Blow 1 Motion picture film
Reel OF 277.66	UBI Control Drive Mechanism Vertical Blow 1 Motion picture film

Unidentified Equipment Films

Reel OF 277.187	USM #13 1 Film reel (16mm)
Reel OF 277.188	USM #21 1 Film reel (16mm)
Reel OF 277.189	USM #27 1 Film reel (16mm)
Reel OF 277.190	USM #35 1 Film reel (16mm)
Reel OF 277.191	USM #42 1 Film reel (16mm)
Reel OF 277.192	USM #46

	1 Film reel (16mm)
Reel OF 277.193	USM #51 1 Film reel (16mm)
Reel OF 277.194	USM #55 1 Film reel (16mm)
Reel OF 277.195	USM #59 1 Film reel (16mm)
Reel OF 277.196	USM #71 1 Film reel (16mm)
Reel OF 277.197	USM #73 1 Film reel (16mm)
Reel OF 277.198	USM #87 1 Film reel (16mm)
Reel OF 277.199	USM #103 1 Film reel (16mm)
Reel OF 277.200	USM #114 1 Film reel (16mm)
Reel OF 277.201	USM #116 1 Film reel (16mm)
Reel OF 277.202	USM #124 1 Film reel (16mm)
Reel OF 277.203	USM #126 1 Film reel (16mm)
Reel OF 277.204	USM #141 1 Film reel (16mm)
Reel OF 277.205	USM #148 1 Film reel (16mm)
Reel OF 277.206	USM #149 1 Film reel (16mm)
Reel OF 277.207	USM #156 1 Film reel (16mm)
Reel OF 277.208	USM #157

	1 Film reel (16mm)
Reel OF 277.209	USM #166 1 Film reel (16mm)
Reel OF 277.210	USM #170 1 Film reel (16mm)
Reel OF 277.211	USM #173 1 Film reel (16mm)
Reel OF 277.212	USM #174 1 Film reel (16mm)
Reel OF 277.213	USM #175 1 Film reel (16mm)
Reel OF 277.214	USM #176 1 Film reel (16mm)
Reel OF 277.215	USM #195 1 Film reel (16mm)
Reel OF 277.216	USM #207 1 Film reel (16mm)
Reel OF 277.217	USM #210 1 Film reel (16mm)
Reel OF 277.218	USM #219 1 Film reel (16mm)
Reel OF 277.219	USM #231 1 Film reel (16mm)
Reel OF 277.220	USM #234 1 Film reel (16mm)
Reel OF 277.221	USM #235 1 Film reel (16mm)
Reel OF 277.222	USM #236 1 Film reel (16mm)
Reel OF 277.223	USM #239 1 Film reel (16mm)
Reel OF 277.224	USM #240

	1 Film reel (16mm)
Reel OF 277.225	USM #242 1 Film reel (16mm)
Reel OF 277.226	USM #251 1 Film reel (16mm)
Reel OF 277.227	USM #252 1 Film reel (16mm)
Reel OF 277.228	USM #253 1 Film reel (16mm)
Reel OF 277.229	USM #254 1 Film reel (16mm)
Reel OF 277.230	USM #257 1 Film reel (16mm)
Reel OF 277.231	USM #264 1 Film reel (16mm)
Reel OF 277.232	USM #272 1 Film reel (16mm)
Reel OF 277.233	USM #275 1 Film reel (16mm)
Reel OF 277.234	USM #278 1 Film reel (16mm)
Reel OF 277.235	USM #282 1 Film reel (16mm)
Reel OF 277.236	USM #309 1 Film reel (16mm)
Reel OF 277.237	USM #311 1 Film reel (16mm)
Reel OF 277.238	Unidentified Film 1 Film reel (super 8mm)
Reel OF 277.239	Unidentified Film 1 Film reel (super 8mm)
Reel OF 277.57	UPL-A Progress Report

	1 Motion picture film
Reel OF 277.58	UPL-A Model A 1 Motion picture film
Reel OF 277.59	UPL-A Model A 1 Motion picture film
Reel OF 277.60	UPL-A Machine 1 Motion picture film
Reel OF 277.85	UR and C Model E 1 Motion picture film
Reel OF 277.72-1	URSC-A and BFA Machine (color) 1 Motion picture film
Reel OF 277.72-2	URSC-A and BFA Machine (black and white) 1 Motion picture film
Reel OF 277.150	USM High Speed Stitching Machine - Model A 1 Motion picture film
Reel OF 277.186	U.S. Shoe - Flemingsburg, KY, 1962 1 Film reel (color, silent, work print; 8mm, 250 feet)
Reel OF 277.159	View of the New Type Brake With Heavy Spring 1 Motion picture film
Reel OF 277.184-1;	Welt Construction, 1979 2 Film reels (color, magnetic stripe soundtrack, print (2 copies); super 8mm, 130 feet) 2 Film reels (color, silent, print (2 copies); super 8mm, 130 feet) 1 Film reel (color, silent, work print; super 8mm, 130 feet)
Reel OF 277.184-2;	
Reel OF 277.184-3;	
Reel OF 277.184-4;	
Reel OF 277.184-5	

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