



Smithsonian
National Museum of American History
Kenneth E. Behring Center

Guide to the United Shoe
Machinery Corporation Records

NMAH.AC.0277

by Craig Orr and Alison Oswald

2012

This finding aid was generated automatically on September 23, 2014

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Collection Overview

Repository:	Archives Center, National Museum of American History
Creator:	United Shoe Machinery Corporation
Title:	United Shoe Machinery Corporation Records
Dates:	1898-1987
Quantity:	145 cubic feet, 296 boxes; includes 16 mm film, microfilm, microfiche, photographs and film and glass plate negatives
Abstract:	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.
Language:	Some materials in French, German, and Spanish.

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 Material

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 (http://www.cummings.com/pdfs/salem_evening_news_42906.pdf [null](#)) now owns and leases "the Shoe." (<http://www.cummings.com/ccinfo.html>)

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 on Access

The collection is open for research.

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.

Ownership & Literary Rights

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 Note

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 Content Note

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

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.

Geographic Names:

Beverly (Mass.)
Massachusetts
New England

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)

Container Listing

Series 1: Historical Background Materials, 1901-1985

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	<i>How Shoes Are Made Today</i> (Pan American Exposition), 1901
Box 151, Folder 6	<i>Goodyear Welt Shoes and How They Are Made Today</i> , 1911, 1923
Box 151, Folder 7	<i>An Industrial City</i> , 1911
Box 151, Folder 8	<i>L'Histoire de Trois Associes(The Story of the Three Partners)</i> , 1911
Box 151, Folder 9	USMC/USMAA (general history), 1913
Box 151, Folder 10	<i>The Book of Boston, Fifty Years' Recollections of New England Metropolis</i> , 1916
Box 151, Folder 11	German United Shoe Machinery Company, 1901-1925 (history in German), 1925
Box 151, Folder 12	<i>How Modern Shoes Are Made</i> , 1936
Box 151, Folder 13	<i>The USMC Parts System</i> , 1953
Box 151, Folder 14	<i>How Modern Shoes Are Made</i> , 1954
Box 151, Folder 15	<i>Tell and Sell</i> , 1956
Box 151, Folder 16	<i>How American Shoes Are Made</i> , 1960-1961
Box 175, Folder 1	USM Fieldtrip/Financial Analysis 21st Annual conference (includes USM history), 1968
Box 151, Folder 17	<i>Toward Products for the 21st Century</i> , [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. <i>USM History, Volume 1, (pages 1-192)</i> , circa 1965
Box 152, Folder 4	O'Gorman, Gaynor. <i>USM History, Volume 1, (pages 193-374)</i> , 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

Series 2: Executive Records, 1927-1987

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, 1954, 1951-1952
Box 153, Folder 8	Annual reports, 1955-1959
Box 153, Folder 9	Annual reports, 1960-1965
Box 153, Folder 10	Annual reports, 1967, 1969
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

Series 3: Correspondence, 1890, 1901-1915

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

Series 4: Wilson Palmer Files, 1925-1952

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

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

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

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
Box 20, Folder 1B	Memoranda, 1949-1968
Box 20, Folder 1	Definitions, 1961-1968
Box 20, Folder 2	Goals and objectives, 1956-1974
Box 20, Folder 3	Research Policy Committee, 1961-1964
Box 21, Folder 5	Project management, 1947, 1973, 1962-1964
Box 175, Folder 2	Publicity kit for development laboratories, 1967 November

Subseries 5.2: Financial Information, 1947-1975

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, 1957-1958, 1962-1971
Box 21, Folder 3	Budget and costs, 1972-1975
Box 21, Folder 4	Audits and analysis, 1971, 1960-1961

Subseries 5.3: Reports, 1962-1973

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

This subseries consists of documentation about physical property at United Shoe and the polices 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, 1947, 1969, 1961-1962
Box 21, Folder 7	Facilities and buildings, 1975, 1967-1970
Box 21, Folder 8	Equipment inventory, 1947, 1955, 1969, 1974
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

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, 1963, 1973-1975
Box 22, Folder 9	Personnel, training, 1946, 1957, 1959, 1964-1965
Box 22, Folder 10	Personnel safety, 1947, 1961-1973
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, 1970, 1973
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

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
Box 23, Folder 9	Strike, 1969

Subseries 5.7: Subject Files, 1943-1977

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, 1964, 1966-1967
Box 27, Folder 10	Robots, 1964-1965
Box 27, Folder 11	Cement sole attaching, 1965
Box 27, Folder 12	Insole, 1974, 1965-1966
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, 1947, 1974, 1962-1968
Box 28, Folder 8	Corporate reorganization, court decrees and antitrust laws, 1969, 1953-1954
Box 28, Folder 9	Corporate reorganization, shares, securities, and holder information, 1975, 1954-1972
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, Synectics, Inc., 1962-1965
Box 29, Folder 9	Creativity training, Synectics, 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, 1962, 1964, 1968, 1970
Box 30, Folder 3	MIT management of research and development, 1964
Box 30, Folder 4	Batelle Memorial Institute, 1970, 1972, 1965-1968
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	<i>United Shoefitter</i> (employee newsletter), 1962
Box 30, Folder 9	Financial reports, 1973, 1975, 1967-1969
Box 30, Folder 10	Advertisements, 1968-1970
Box 30, Folder 11	<i>Beverly Manufacturing Newsletter</i> , 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), 1966, 1970-1975
Box 31, Folder 6	Community outreach, miscellaneous, 1953, 1963, 1966, 1975
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, 1945, 1957-1958, 1961-1962
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

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

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

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 91, Folder 18	EX 21217, Shoe quarter reforming machine, 1970-1971
Box 91, Folder 19	EX 21218, Improvements in or relating to apparatus for use in handling sheet material, 1970-1971
Box 91, Folder 20	EX 21219, Improvements in or relating to apparatus for the feeding of particulate material, 1970-1971
Box 91, Folder 21	EX 21220, Automatic English binding machine, 1970-1974
Box 91, Folder 22	EX 21221, Hopper filling equipment, 1970-1972
Box 92, Folder 1-2	EX 21222, USM fabric edge finishing machine - model A, 1971-1973
Box 92, Folder 3	EX 21223, Development opportunities for standardization, 1970-1971
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

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
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

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
Box 68, Folder 3	EX 16116, Baseball stitching, 1949-1958
Box 68, Folder 4-5	EX 16279, Baseball stitching machine, 1960-1973
Box 68, Folder 6	USM Corporation Baseball Lacing Machine Development Report, 1949-1960

Subseries 5.13: Component Inserting Projects, 1954-1963

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 (text); Box 71, Folder 1 (text)	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

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), 1971 March, 1975 February, 1976 September
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

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

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

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 Surette, 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

Series 6: Legal Records, 1900-1968

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

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|-----------------|---|
| Box 4, Item 1-2 | District Court of the United States, District of Massachusetts, No. 301. <i>United States of America vs. United Shoe Machinery Company, of New Jersey, et. al</i> , Brief (two copies), [1913-1914?] |
| Box 5, Item 1 | District Court of the United States, District of Massachusetts, No. 301. <i>United States of America vs. United Shoe Machinery Company, of New Jersey, et. al</i> , Arguments, 1913-1914 |
| Box 5, Item 2 | District Court of the United States, District of Massachusetts, No. 301. <i>United States of America vs. United Shoe Machinery Company, of New Jersey, et. al</i> , Volume 2, Plaintiff's Testimony, 1913-1914 |
| Box 5, Item 3 | District Court of the United States, District of Massachusetts, No. 301. <i>United States of America vs. United Shoe Machinery Company, of New Jersey, et. al</i> , Volume 3, Plaintiff's Testimony, 1913-1914 |
| Box 6, Item 1 | District Court of the United States, District of Massachusetts, No. 301. <i>United States of America vs. United Shoe Machinery Company, of New Jersey, et. al</i> , Volume 4, Plaintiff's Testimony, 1913 |
| Box 6, Item 2 | District Court of the United States, District of Massachusetts, No. 301. <i>United States of America vs. United Shoe Machinery Company, of New Jersey, et. al</i> , Volume 5, Testimony Before Examiner, Plaintiff's and Defendants' Patents, 1913 |
| Box 7, Item 1 | District Court of the United States, District of Massachusetts, No. 301. <i>United States of America vs. United Shoe Machinery Company, of New Jersey, et. al</i> , Volume 6, Defendants' Testimony, 1913 |
| Box 7, Item 2 | District Court of the United States, District of Massachusetts, No. 301. <i>United States of America vs. United Shoe Machinery Company, of New Jersey, et. al</i> , Volume 7, Defendants' Testimony, 1913 |
| Box 8, Item 1 | District Court of the United States, District of Massachusetts, No. 301. <i>United States of America vs. United Shoe Machinery Company, of New Jersey, et. al</i> , 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. <i>United States of America vs. United Shoe Machinery Company, of New Jersey, et. al</i> , 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 (text);
Box 11, Item 1 (text) 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, Item 2 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
- 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
- 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
- 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
- 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
- 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
- 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

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)

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

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 10, 1956 January 27

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 February 24, 1956 January 10

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 January 10, 1956 March 2, 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 24, 1956 April 27
Box 18A, Reel 515	Reel 515, Cancellation letters; replacement leases; new shipments and transfers; complete transfers, 1956 June 8, 1956 May 18, 1956 May 25
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

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

Series 7: Engineering Records, 1904-1979

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	<i>Handbook of Shoe Factory Engineering</i> , 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	Machine leases, 1900-1957 Subseries
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
Box 162, Folder 10-11	Automatic Controlled Stitcher-Model B (two copies), 1979

Series 8: Employee/Personnel Materials, 1908-1981

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 o177, Folder 3	<i>United Employee Magazine</i> (mock-up), circa 1950s
Box 163, Folder 7	Family Night, 1957, 1964
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 manuall, [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
	General note
	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, 1963, 1927-1931, 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

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

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), 1902, 1907-1929
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, 1951, 1945-1946
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, 1939 April-1943 December, 1951 March-1951 November
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

Series 10: Athletic Association Records, 1929-1962

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

Series 11: Industrial School Records, 1909-1938

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 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), 1912, 1919-1921

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 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 xx, 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 x, Folder x

Box 125, Folder 2	Lessons 3-72 (bound), 1921
Box 125, Folder 3	English for American Citizenship (Introductory Set), 1919
Box 125, Folder 4	English for American Citizenship (Intermediate Set), 1919

Subseries 11.3: Text Books, 1909-1938

Box 125, Folder 5	<i>A Practical Reader for Adults</i> , 1930
Box 125, Folder 6	<i>Teacher's Manual for A Practical Reader for Adults</i>
Box 125, Folder 7	Miscellaneous Lessons and Teaching Aids (includes Thompson's minimum essentials quick oral test and study papers), 1913, undated
Box 125, Folder 8	Students' Copy Books, 1935, 1938, 1935-1938
Box 125, Folder 9	<i>Forestry Primer</i> , 1928
Box 125, Folder 9	Commonwealth of Massachusetts, Department of Education, Division of University Extension, <i>Reading Lessons for Citizenship Training</i> , 1937
Box 126	Goldberger, H.A. <i>English for Coming Citizens</i> , 1918
Box 126	Goldberger, H.H. <i>Intermediate English for Coming Citizens</i> , 1924
Box 126	O'Brien, Sara R. <i>English for Foreigners, Book One</i> , 1909
Box 126	Beshgeturian. <i>New World Language Series, Foreigner's Guide to English</i> , 1917
Box 126	Prior and Ryan. <i>How to Learn English: A Reader for Foreigners</i> , 1913

- Box 126 Bryce and Sherman. *The Aldine Speller: Part Four, for Grades Seven and Eight* , 1916
- Box 126 Plass, Anna A. *Civics for Americans in the Making* , 1912
- 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

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

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 1127, 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.

Series 13: Aberthaw Construction Company Records, 1918-1920

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

Subseries 13.3: Purchase Orders, 1919-1920

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

Subseries 13.4: Receiving Records, 1919-1920

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

Series 14: Publications, 1898-1987

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	<i>Illustrated Catalogue of Shoe Machinery</i> , [1902?]
Box 169, Folder 2	<i>Illustrated Catalogue of Shoe Machinery</i> , number 2, loaned to E.D. Cox, 1902
Box 169, Folder 3	<i>Illustrated Catalogue of Shoe Machinery</i> , 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 174-175 *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	<i>Machinery Terms and Specifications</i> , 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 outsoling, 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	<i>Tools for the Shoemaker</i> , undated
Box 181, Folder 5	<i>USMC Cans and Receptacles</i> , 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	<i>The Three Partners</i> (front and back boards), 1914-1917
Box 128, Folder 2	<i>The Three Partners</i> , 1914 July-1914 December
Box 128, Folder 3	<i>The Three Partners</i> , 1915 January-1915 June
Box 128, Folder 4	<i>The Three Partners</i> , 1915 July-1915 December
Box 128, Folder 5	<i>The Three Partners</i> , 1916 January-1916 June
Box 128, Folder 6	<i>The Three Partners</i> , 1916 July-1916 December
Box 128, Folder 7	<i>The Three Partners</i> , 1917 January-1917 June
Box 128, Folder 8	<i>The Three Partners</i> , 1917 July-1917 December
Box 129, Folder 1	<i>The Three Partners</i> , 1918 January-1918 June
Box 129, Folder 2	<i>The Three Partners</i> , 1918 July-1918 December
Box 129, Folder 3	<i>The Three Partners</i> , 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
Box 131, Folder 2 H.E. Smith & Company Catalogue, 1903-1909
Box 131, Folder 3 H.E. Smith & Company Catalogue, 1910-1913
Box 131, Folder 4 H.E. Smith & Company Catalogue, 1914-1917

Series 15: Product Literature, 1952-1979

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, 1965, 1969, 1970
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

Series 16: Advertising and Marketing Materials, 1902-1981

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 it's products within the footwear industry. The market studies and plans provide detailed analyses of materials, financial shares of the market, competition 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
Box 187, Folder 2	Sales Manual, footwear cutting system, [1969?]
Box 187, Folder 3	Sales Meeting (new product sales information), 1981 March
Box 187, Folder 3-5	Corporate Systems (presentation), 1970
Box 187, Folder 6	Advertising plan, 1973
Box 187, Folder 7	Advertising plan, 1974
Box 187, Folder 8	Sales and marketing information for the United Shoe Machinery pulling, toe and side lasting machine, model RB, 1978
Box 187, Folder 9	Corporate style for advertising, 1970s
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, <i>Modern Shoemaking</i> , 1915-1916
Box 147	Newsclippings, <i>Modern Shoemaking</i> , 1919-1920
Box 147, Folder 3	Newsclippings, <i>American Shoemaking</i> , 1926-1931
Box 147, Folder 4	Newsclippings, <i>American Shoemaking</i> , 1930-1931
Box 147, Folder 5	Newsclippings, <i>American Shoemaking</i> , 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

Series 17: Photographs, 1907-1981

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 192	Brockton, Massachusetts (office staff), 1944, 1910-1916
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	Employees in factory (operating equipment), circa 1955
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

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 Phenev, 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
Box 193	Headstone of Ernst D. Moor and Elsie Warner Moore, 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, 1954, 1968-1973

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, 1906, 1907, 1914, 1917, 1938

Box 198

Subseries 17.7: Prints from glass plate negatives, undated

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 note

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 201-202	Beverly Factory Exhibit, circa 1950s

Subseries 17.9: Film Negatives, 1956-1958

General note

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, 1957, 1958

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 Yorosezewski, 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), 1945, 1946

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 Ministrels, 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 (sooutheast 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

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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. Dumphrey, 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 note

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

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

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Box 214 1288, undated

Box 214 1305, undated

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Box 214	1463, undated
Box 214	1464, Employment office showing key racks, undated
Box 214	1465, undated
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Box 215	1663 (positive), undated
Box 215	1663 (negative), undated
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Box 278	1673 (broken), undated
Box 278	1674 (broken), undated
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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
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Box 216	1931B, undated
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Box 217	1955, undated

Box 217	1957, undated
Box 217	1962, undated
Box 217	1964, undated
Box 217	1973, undated
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Box 221	2999, undated
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Box 221	3008, undated
Box 221	3011, undated
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Box 224	4544, undated
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Box 224	4700
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- Box 237 6485, Single sole moulding S SPSM, 1914 May 15
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- Box 237 6487, Copy of punch marks on brass plate, stanbon perforating (1360-1377), 1914 May 11
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- 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
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- Box 237 6512, Upper trimming H RUT, head for purpose engraver, 1914 May 26
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- 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
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Box 237 6528, Laying machine pad showing vertical longitudinal section and moulded sole, 1914 June 5

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Box 237 6535A, undated

Box 237 6535A (positive), undated

Box 237 6536 (See Smithsonian negative 92-4679), undated

Box 237 6536 (positive), undated

Box 237 6537, undated

Box 237 6538, undated

Box 237 6539 (See Smithsonian negative 92-4680), undated

Box 237 6548 (See Smithsonian negative 92-4681), undated

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Box 238 6558, GR channeling (outsole) OC, 1914 June 11

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Box 244 7278, Electric heating for bending, clicking dies (7278 imperial flashlight and 7278A, Cramer Crown, 1914 November 19

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Box 246 7883, Hercules leveling, forms and form holders HZ, method of attaching old and new style forms, 1915 July 16

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Box 247 8063, Finished stock department, showing racks and man on ladder, 1915 September 29

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Box 247 8070, Women's reception room, women at tea, 1915 September 30

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Box 247 8092, Ideal clicking ICM, special dies and leather trade (1/2 size), 1915 October 5

Box 247 8093, Ideal clicking ICM, special dies and leather trade (1/2 size), 1915 October 5

Box 247 8094, Ideal clicking machine ICM, special dies for leather trade (size 1/2), 1915 October 3

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Box 247 8211, Egyptian shoes, outside negative for filing, 1915 October 19

Box 247 8212, Egyptian shoes, outside negative for filing, 1915 October 19

Box 247 8213, Egyptian shoes, outside negative for filing, 1915 October 19

Box 247 8214, Egyptian shoes, outside negative for filing, 1915 October 19

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Box 248 8232, Ideal clicking, special dies for leather trade (1/4 size), 1915 October 28

Box 248 8233, Ideal clicking, special dies for leather trade (1/3 size), 1915 October 28

Box 248 8234, Ideal clicking, special dies for leather trade (1/4 size), 1915 October 28

Box 248 8235, Ideal clicking, special dies for leather trade (1/3 size), 1915 October 28

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Box 248 8583, Union special transmitter, undated

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Box 249 8819, Residence of Mr. M.B. Kaven, 1916 May 25

Box 249 8819, Residence of Mr. M.B. Kaven, 1916 May 25

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Box 249 8841, Edge scouring A ESA,, 1916 June 27

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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

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Box 250 8880, unidentified, undated

Box 250 8881, unidentified, undated

Box 250 8882, unidentified, undated

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Box 250 8888, Photo Department, northwest corner, Operating room, 1916 August 2

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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

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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

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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

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Box 251 9047, Campbell cyclone sewing, 1916 December 21

Box 251 9048, Insole tacking machine number 1, 1916 December 22

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Box 251 9052, Boston tacking, 1917 January 4

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Box 251 9054, Pyramid heel building machine, method of placing matrices in relation to heel and finished pattern, model A, 1917 January 15

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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

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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

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Box 253 9567, GR welt and turn shoe with GR steam generator, 1917 May 26

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Box 254 10125, Shoe die safety flange, 1917 September 4

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Box 254 10131, Improved gearless solve, cutting machine, Model C, 1917 September 17

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Box 254 10134, Loose nailing, nail pot and horn, 1917 September 28

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Box 254 10144, Loose nailing fitted with automatic jack, 1917 October 19

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Box 256 10538, I.C. [Buckminster?], 1918 January 17

Box 256 10539, John F. Standish, 1918 January 17

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Box 257 10809, GR outsole rapid lockstitch, electrical heat 110 volts, 1918 February 14

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Box 257 10812, Regent Stamping Company, wiring diagram, electric heat (110-220 volts), 1918 February 14

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Box 257 10817, GR rapid lockstitch winding, wiring diagram, electric heat (110-220 volts), 1918 February 14

Box 257 10818, Wiring, electric heat, ironing machine, model C (110-220 volts), 1918 February 14

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Box 257 10820, Patrick J. Horgan, 1918 February 7

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Box 257 10826, H.A. Davenport, 1918 February 8

Box 257 10827, Loose nailing, model B with operator, 1918 June 20

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Box 257 10832, Foot power loose nailing with operator, 1918 June 20

Box 257 10834, E.F. Grandy, 1918 February 8

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Box 257 10844, Lewis J. Bazzoni, 1918 February 12

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Box 257 10853, Oil renovating and saving machine, screw machine chip job, 1918 February 16

Box 257 10854, Oil renovating and saving machine, screw machine chip job, 1918 February 16

Box 258 10856, Frank B. Mayo, 1918 February 19

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Box 258 10859, Monarch skiving, 1918 June 26

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Box 258 10878, Button hole making, 1918 February 26

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Box 258 10879, Tip punching, 1918 March 1

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Box 258 10883, Charles Joslin, 1918 June 28

Box 258 10884, John M. Benjamin, 1918 February 22

Box 258 10885, A.F. Littlefield, 1918 February 25

Box 258 10887, A.C. Spencer, 1918 February 25

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Box 258 10889, A.C. Spencer, 1918 February 25

Box 258 10891, Frank H. Warren, 1918 March 2

Box 258 10892, Louis A. Casgrain, 1918 March 2

Box 258 10893, William R. Hurd, 2nd, 1918 February 26

Box 258 10894, George A. Ambler, 1918 March 4

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Box 258 11008, Elevator showing safety device, 1918 March 21

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Box 258 11014 (E10924), GR rapid bobbin winding, 1920 June 27

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Box 259 11019, Climax brushes, Naumkeag multiple pad, 1918 April 2

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Box 259 11021, Elevating electric truck platform, 1918 April 5

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Box 259 11023, Elevating electric truck trailer for steel bars and lumber, 1918 April 5

Box 259 11024, USMC buttonhole making machine, 1918 April 8

Box 259 11025, GR outsole rapid lockstitch with steam generator, 1918 April 6

Box 259 11027, Charles F. Pym, 1918 March 4

Box 259 11028, Ideal clicking with operator, 1918 July 1

Box 259 11029, Ideal clicking, 1918 July 1

Box 259 11030 A.R. Braden, 1923 August 11

Box 259 11031, George Goddu, 1918 March 19

Box 259 11033, Charles P. Stanbon, 1918 March 19

Box 259 11034, Charles P. Stanbon, 1918 March 19

Box 259 11035, Upturning, 1918 July 2

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Box 259 11038, B.N. Cleary, 1918 March 19

Box 259 11039, GEM lip turning, 1918 July 5

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Box 259 11045, HOB nail samples, 1918 July 16

Box 259 11046, HOB nail samples, 1918 July 16

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Box 259 11053, Ensign lacing, 1918 July 16

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Box 259 11059, GR universal inseam trimming, 1918 March 26

Box 259 11060, Charles Pease, 1918 March 26

Box 259 11061, N.V. Dyer, 1918 August 1

Box 259 11064, Ideal clicking, method of locating motor bracket on column, 1918 August 1

Box 259 11065, C.D. Knowlton, 1918 March 28

Box 259 11066, Daniel Prime, 1918 March 28

Box 259 11068, Ideal clicking, method of locating motor bracket, 1918 August 1

Box 259 11069, Ideal clicking, method of locating motor bracket, number 765, 1918 August 1

Box 259 11070, A.R. Morrill, 1918 March 29

Box 259 11071, GR outsole rapid lockstitch, 1918 August 10

Box 259 11072, John H. Richardson, 1918 March 29

Box 259 11074, James Cavanaugh, 1918 March 29

Box 259 11075, James Cavanaugh, 1918 March 29

Box 259 11076, Ralph F. Knight, 1918 March 29

Box 260 11077, GR outsole rapid lockstitch, electric heat, 1918 August 10

Box 260 11079, Factory grounds, band concert, noon hour, 1918 July 30

Box 260 11080, Factory grounds, band concert, noon hour, 1918 July 30

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Box 260 11084, Arthur L. Russell, 1918 April 13

Box 260 11085, Unidentified, undated

Box 260 11085, Unidentified, undated

Box 260 11086, C.E. Graham, 1918 April 13

Box 260 11087, USMC embossing, 1918 April 17

Box 260 11088-A, Wax pots, types F, G, and H, 1918 April 18

Box 260 11088, Wax pots, types F, G, and H, electric, type K steam, 1918 April 18

Box 260 11089, Chemical laboratory, tack test for adhering lime, 1918 April 22

Box 260 11090, Chemical laboratory, tack test for adhering limits, 1918 April 22

Box 260 11091, Chemical laboratory, tack test for adhering limits, 1918 April 22

Box 260 11092, Chemical laboratory, tack test for adhering limits, 1918 April 22

Box 260 11093, Unidentified, undated

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Box 260 11096, G's insole, heel seat trimming, 1918 April 25

Box 260 11098, Amazeen skiving, number seven with figure, 1918 April 25

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Box 260 11200, Amazeen skiving, number seven showing number 561 attachment, 1918 April 25

Box 260 11201, USMC cementing, Model B on bench showing treadle, 1918 April 26

Box 260 11202, USMC, knife heating, electric, 1918 April 29

Box 260 11203, George H. Vose, 1918 May 1

Box 260 11204 George H. Vose, 1918 May 1

Box 260 11205, Group at Sand Bank, Wakefield, Massachusetts, 1918 August 8

Box 260 11206, George H. Vose (standing), 1918 May 2

Box 260 11207, Universal speed indicator shown in two positions, 1918 May 3

Box 260 11208, Universal speed indicator shown applied to wheel, 1918 May 3

Box 260 11209, USMC knife heating, electric, 1918 April 29

Box 260 11210, Economy canvas forming EC7, 1918 May 17

Box 260 11211, Economy canvas forming EC7, 1918 May 17

Box 260 11212, Economy insole lip setting, 1918 May 9

Box 260 11213, Drill jig for part number one SCA, 1918 May 14

Box 260 11214, Drill jig for part number one SCA, 1918 May 14

Box 260 11216, Drill jig for part number one, reamers drills, 1918 May 14

Box 260 11217, Drill jig for part number one, template, butmill, and bushings, 1918 May 14

Box 260 11218, Drill jig for part number one, bushings, reamers, and drills, 1918 May 14

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Box 260 11220, Pluma skiving, model E (with operator), 1918 June 18

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Box 260 11225, F.E. Alger, 1918 July 9

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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
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Box 269 14292, Hub lining cementing, model F, 1920 March 18

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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

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Box 287 20779 (E13922), Staple fastening, D, SF, Fitted for .027 SSL wire, Head - front, 1919 December 30

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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

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Box 287 20788 (E9976), GR upper thread fastening, TF, loop retaining, 1917 July 26

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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

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Series 18: Audiovisual Materials, 1934-1972

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.

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|-------------------|---|
| Box 191, Folder 1 | Film scripts, 1974 |
| 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, supplemental documentation about reels #3, #7, #12, and #545, undated |
| Box 288 | <p>"Shoes On the Move"circa 1962
 <i>1 film reel, Producer: Bay State Film Productions for United Shoe Machinery Corporation Content: Industrial sales film demonstrating the economic and functional advantages of USM's new shoe transporter system. The intended audience was owners and managers of shoe manufacturing companies. ; 16mm color optical track print</i>
 Digital access copy available in Smithsonian Digital Asset Management System (DAMS). Do not use physical VHS or Betacam SP copies.</p> |
| Box 288 | <p>"The Soul of the Shoe Industry"circa 1934
 <i>1 film reel, Producer: William J. Ganz, Co. Content: Promotional film for the Del-Mac shoe making process. Shows highly skilled laborers working at specialized machines to manufacture modern shoes. ; 16mm black and white silent original reversal</i></p> |
| Box 288 | <p>"Things I Never Knew About Shoes"1938
 <i>1 film reel, Producer: Wilding Picture Production, Inc. for United Shoe Machinery Corporation Narrator/Host: Lowell Thomas Content: Promotional film highlighting United Shoe Machinery Corporation's role in the automation and subsequent growth in shoe manufacturing. Includes a look at shoes and shoe production throughout history as well as in depth examination of the development of USM equipment from concept through design development, and use on a factory floor. ; 16mm black and white composite optical track film</i>
 General note</p> |
| Box 288 | <p>"Robot"circa 1972
 <i>1 film reel, Content: Footage documenting the movements of a robot. Close up shots of each element in action as well as documentation of robot being used in a manufacturing application. ; 16mm color silent, 450 feet</i></p> |
| Box 288 | <p>"At Your Service ... The USM Shoe Transporter"circa 1967
 <i>1 film reel, Content: Detailed footage of a USM shoe transporter system for installation in shoe factories. ; 16mm color silent print, 400 feet</i></p> |

- Box 288 "*Leather in Your Life*"circa 1954
1 film reel, Content: An examination of the importance and varied uses of leather. Demonstrates leather production from animal to final product. Industrial film using the film within a film technique --a production company has been hired to make a film about leather. What approach should they take? ; 16mm color composite optical track print, 950 feet
- Box 288 "*The 1967 Footwear Management Conference and Exposition*"1967
1 film reel, Producer: Bay State Film Productions for United Shoe Machinery Corporation Content: Shot in Atlantic City, New Jersey during the annual gathering of footwear professionals. Surveys the new equipment for factory production as well as new materials that shoes can be made from. Includes detailed footage of numerous examples of production equipment and techniques in use, often by highly skilled workers. ; 16mm color composite optical track print, 1100 feet
- Box 288 "*The Way To Automation in Lasting*"circa 1971
1 film reel, Content: Close-up footage of automated lasting machine in use. ; 16mm color silent print, 500 feet
- 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 videocassette (vhs)

Hanover Shoe, Inc. (hereafter Hanover) is a manufacturer of shoes and a customer of United Shoe Machinery Corporation (hereafter United), a manufacturer and distributor of shoe machinery. In 1954 this Court affirmed the judgment of the District Court for the District of Massachusetts, 110 F.Supp. 295 (1953), in favor of the United States in a civil action against United under Â§ 4 of the Sherman Act, 26 Stat.Â In addition, if buyers are subjected to the passing-on defense, those who buy from them would also have to meet the challenge that they passed on the higher price to their customers. These ultimate consumers, in today's case the buyers of single pairs of shoes, would have only a tiny stake in a lawsuit and little interest in attempting a class action. Guide to the United Shoe Machinery Corporation Records. Search Results Â» Overview Contents. Print PDF Show EAD.Â 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.Â 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. Grace's Guide is the leading source of historical information on industry and manufacturing in Britain. This web publication contains 134,742 pages of information and 213,797 images on early companies, their products and the people who designed and built them. United Shoe Machinery Corporation. From Graces Guide. Jump to: navigation, search. See Also. Loading

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