

WORCESTER HISTORICAL MUSEUM

30 Elm Street
Worcester, Massachusetts

ARCHIVES

Wyman-Gordon Company Records
1998.129

Processed by William F. Carroll, C.A.
November 1998

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Collection Information

Abstract : The Wyman-Gordon Company was established in Worcester, Massachusetts in 1883, primarily as a provider of forgings for local industries. During the latter part of the 19th and throughout the 20th centuries, Wyman-Gordon has become an increasingly important source for forgings for the transportation industries, from bicycle parts, through automobile and airplane parts, and today is one of the leaders in providing specialized forgings for the aerospace industry.

Finding Aid : Finding Aid in print form is available at the Worcester Historical Museum, 30 Elm Street, Worcester, Massachusetts.

Preferred Citation : Worcester Historical Museum, Worcester, Massachusetts.

Provenance : Donated by the Wyman-Gordon Company, 1998.

MARC Access : Collection is cataloged in MARC under the following subject headings (lcs, aat, tgm, gmgcp)

Wyman, Horace.
Gordon, Lyman.
Wyman-Gordon Company.
Wyman-Gordon Company – Anniversaries, etc.
Worcester Drop Forging Company.
Forging.
Forging industry – Massachusetts – Worcester.
Forging industry – Massachusetts – Grafton.
Forging industry.
Forging industry – United States – Employees.
Forging machinery.
Forging industry – United States – History.
Automobiles – Motors – Crankshafts.
Airplanes – Motors – Crankshafts.
Crankshafts and cranks.
Slides (Photographs)
Photographic prints.
Motion pictures (Information artifacts)
Sound recordings.
Black-and-white negatives.
Viewbooks.
Scrapbooks.
Memorabilia.

Historical Background

Horace Wyman and Lyman Gordon, two young graduates of Worcester Polytechnic Institute established the Worcester Drop Forging Company in 1883. Forging is one of the principal methods of forming metal objects, and, in simplest terms, is accomplished by heating the metal to the plastic state, and hammering or pressing it into the desired shape.

The fledgling company, ultimately to become the Wyman-Gordon Company, initially forged loom parts for the Crompton-Knowles Loom Company in Worcester, as well as hardware, firearms parts, agricultural implements, machine tools, and other items. With the advent of the “bicycle craze” starting around 1890, the demand for forged bicycle parts – sprockets, pedals, chains – offered the company the entry into the transportation field, which ultimately became its principal business. Wyman-Gordon began forging knuckle couplers for railroad cars at about the same time, and began experiments in heat treating of the forgings as a means to toughen the couplers and make them resistant to fracture.

However forging of railroad car couplers was a short-lived venture. The casting industry had advanced technologically to the point that stronger and more durable couplers could be more economically cast than forged, and in less than a decade the coupler business was lost. However at about the same time the development of the automobile created new demands for forged metal items, particularly crankshafts. With its experience in forging techniques and in heat treatment, Wyman-Gordon soon became the principal source for automobile crankshafts in the United States, supplying well over 50% of of the market.

During the 1910s, the airplane had become a reality, and provided a new demand for forged metal items, as engine parts, crankshafts, and body parts. World War I aircraft carried a significant number of parts forged at Wyman-Gordon. In order to expand its operations into the rapidly developing aircraft industry, Wyman-Gordon entered a merger with Ingalls-Shepard Forging Company of Harvey, Illinois, in 1919. The automobile crankshaft forging was transferred to the Illinois plant, and the Worcester plant expanded its operations into the aircraft field, continuing research and development of techniques for forging non-ferrous metals.

With the rapid development of the aviation industry as the jet age arrived came more demands for forged parts. The Wyman-Gordon Company in 1946 developed a new facility in Grafton for its heavy press program, a technique of forging in which the metal was shaped by pressure rather than by hammering, an essential technique in the forming of parts from new light-weight alloys which were necessary to the coming aerospace age.

The Wyman-Gordon Company has continued to expand its operations through mergers and acquisitions of subsidiaries, and is today one of the leading suppliers of high quality parts for the aerospace industry.

Scope and Content

The Wyman-Gordon Company collection illustrates the development and growth of the Wyman-Gordon Company from its establishment as the Worcester Drop Forging Company in 1883 until its centennial anniversary celebration in 1983. Photographic prints constitute a significant part of the collection, showing company facilities, events, and products. Of particular interest are photographs of the 1954 and 1955 floods at the Worcester plant, and the 1963 fire at the Grafton plant. Advertising handbills, posters, and fliers from the late 19th century through 1980 provide graphic information of the company's products, and indicate its history of increasing interdependence with the transportation and aerospace industries. Early log books, employee petitions, and clippings of strikes provide insight into the company's relations with its workers. The history of the company, including its subsidiaries, are documented in several publications, scrapbooks, and newspaper accounts.

A large part of the collection includes materials from company files and other sources brought together by the company in planning and execution of its centennial celebration in 1983. These materials include a cross section of the company's manufacturing history, correspondence and memoranda relative to publicity and development of a company history publication, and various planning processes for the occasion.

The collection includes audiovisual materials in several formats. Sound recordings, reel-to-reel, audiocassette, and sound disc provide speeches by company officials. Motion pictures provide company history and special programs relative to the centennial celebration. Slides illustrate the company's history in a program developed for the centennial celebration.

A number of small artifacts are included in the collection. These include small forgings made by the company between late 19th century and ca. 1980, with items such as letter openers in various metals, aluminum horseshoe, rail bond forgings, and other examples of specialized forging. Also included are a number of souvenir items prepared for the company's 75th anniversary in 1958 and its 100th anniversary in 1983.

The collection is described at folder level, with unique documents in individual folders to allow item description.

Series Descriptions

Series 1: Buildings/Properties. Includes items relative to the physical plants and structures of the Wyman-Gordon Company. Divided into two subseries as follows:

Subseries 1: Grafton Plant. Includes monograph on history of Grafton plant by George W. Motherwell, photographic prints of construction of plant and clippings and photographic prints of 1969 fire.

Subseries 2: Worcester Plant. Includes photographic prints of various construction projects, clippings and photographic prints of flood damage from hurricane/floods in 1954 and 1955.

Series 2: Manufacturing/Production. Items relating to the operation of the industry including administration, personnel, and equipment. Divided into three subseries as follows:

Subseries 1: Personnel. Includes time book, log book, petition by employees in regard to working hours, and clippings relating to a strike by employees in 1983.

Subseries 2: Equipment. Includes documents relative to forging, forging presses, and other equipment and processes used in the manufacture of forgings.

Subseries 3: Administration. Includes administration files relative to personnel, manufacturing processes, etc.

Series 3: Advertising/Public Relations/Technical Information. Items relating to information disseminated to product users or general public.

Subseries 1: Advertising. Advertisements and other product publicity published 1899-ca.1970s.

Subseries 2: Technical information. Includes laboratory testing of products, data concerning physical properties of products.

Subseries 3: Public relations. Includes publicity photographs and press releases of products, facilities, activities of the company.

Series 4 Audiovisual material. Includes all audiovisual materials received separated from print documents. Divided into 5 subseries by format.

Subseries 1: Sound recordings. Includes audio cassette tapes, reel-to-reel tapes, and 33 1/3 rpm 8 in. Sound discs. Contents mostly talks by various company dignitaries.

Subseries 2: Motion picture films. Include training films, public relation films, centennial celebration films. Mostly 16 mm.

Subseries 3: Photographic prints. Mostly black and white photographic prints of Wyman-Gordon Company sponsored events, facilities, and products.

Subseries 4: Negatives of black and white photographic prints, 1940s-1970s, arranged chronologically.

Subseries 5: Slides (kodachrome) of centennial anniversary programs.

Series 5 Centennial celebration of Wyman-Gordon Company, 1983. Includes materials in several formats specifically collected for the company's 100th anniversary.

Series 6 Publications. Published works including histories of Wyman-Gordon Company and related industries.

Series 7
of Miscellaneous. Includes materials re Wyman-Gordon 75th anniversary, displays Wyman-Gordon products at the Paris air-shows of 1968 and 1969, scrapbook remnants, and other materials.

Series 8 Ephemera. Objects, including souvenir items, and other forged items.

Wyman-Gordon Company
Series 1
Subseries 1
Grafton
1998.129.1.1

<u>Box #</u>	<u>Folder #</u>	<u>Accession #</u>	<u>Description</u>
1	1	1998.129.1.1.1	Manuscript. History of the Grafton plant, compiled by George W. Motherwell, January 15, 1979. Copy 1.
1	2	1998.129.1.1.2	History of the Grafton plant. Copy 2.
1	3	1998.129.1.1.3	History of the Grafton plant. Copy 3.
1	4	1998.129.1.1.4	Clippings. Fire at North Grafton plant, April 12, 1969.
1	5	1998.129.1.1.5	Clippings. Fire at North Grafton plant, April 12, 1969. Aqp
2	6	1998.129.1.1.6	Photographic prints, black and white, 9x12 in. Grafton plant fire, 1969; Grafton plant construction.

Wyman-Gordon Company
 Series 1
 Subseries 2
 Worcester
 1998.129.1.2

<u>Box #</u>	<u>Folder #</u>	<u>Accession #</u>	<u>Description</u>
3	7	1998.129.1.2.7	Photocopy. Scrapbook of photographic prints of Worcester plant, construction in 1940-1941, 1946-1949, 1951.
3	8	1998.129.1.2.8	Photographic prints. Worcester plant construction in 1940-1941, 1946-1949, 1951.
3	9	1998.129.1.2.9	Photographic prints, black and white, 5x7 in. 1955 flood at Worcester plant.
3	10	1998.129.1.2.10	Photographic prints, black and white, 3x5 in. 1955 flood at Worcester plant.
3	11	1998.129.1.2.11	Photographic prints from scrapbook, black and white, 5x7 in. and 9x12 in. 1954 and 1955 floods at Worcester plant.

Wyman-Gordon Company
Series 2
Subseries 1
Personnel
1998.129.2.1

<u>Box #</u>	<u>Folder #</u>	<u>Accession #</u>	<u>Description</u>
4	12	1998.129.2.1.12	Time Book No. 1, December 28, 1883-March 23, 1885. Employees pay records. Bv. 18 cm
4	13	1998.129.2.1.13	Foreman's Log Book, 1899-1901. Bv., 17 cm.
4	14	1998.129.2.1.14	Petition. Employees' request for reduction in work week to 55 hours. April 10, 1902. Aqp
4	15	1998.129.2.1.15	Clippings. Strike by Wyman-Gordon employees, 1983. Aqp.

Wyman-Gordon Company
 Series 2
 Subseries 2
 Equipment
 1998.129.2.2

<u>Box #</u>	<u>Folder #</u>	<u>Accession #</u>	<u>Description</u>
4	16	1998.129.2.2.16	Miscellaneous documents relative to forging presses.
4	17	1998.129.2.2.17	Pamphlets, articles, brochures relative to forging presses.
4	18	1998.129.2.2.18	Presentation summary: Facilities expansion – 200,000 ton forging press. April 14, 1965. 28 cm.
5		1998.129.2.2.bv1	Preliminary proposal: Facilities expansion – 200,000 ton forging press. July 28, 1964, September 15, 1964. 3 items. 28 cm.
6		1998.129.2.2.bv2	Periodical. Drop Forging topics, May 1937-May 1953. Spiral bound. 28 cm.
4	19	1998.129.2.2.19	Periodical. Drop Forging topics. July 1953-1962. 28 cm.
4	20	1998.129.2.2.20	Letters. Forging equipment display models. June, 1983.
4	21	1998.129.2.2.21	Documents relative to drop forging. “Undated material.”
4	22	1998.129.2.2.22	Pamphlets, articles, brochures relative to forging processes.
7		1998.129.2.2.bv3	Department of Commerce. Workshop on critical material needs of the aerospace industry. Spiral bound. 28 cm.

Series 2
Subseries 2, continued

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| 7 | 1998.129.2.2.bv4 | Wyman-Gordon Company. Notes on forging.
Spiral bound.
12x20
cm. |
| 7 | 1998.129.2.2.bv5 | Wyman-Gordon Company. Wyman Gordon
forgings. 1 v. Spiral bound. 14x24 cm. |

Wyman-Gordon Company
 Series 2
 Subseries 3
 Administration
 1998.129.2.3

<u>Box #</u>	<u>Folder #</u>	<u>Accession #</u>	<u>Description</u>
8	23	1998.129.2.3.23	Reports on sales, 1944-1946.
8	24	1998.129.2.3.24	Folder. SR-71 book "Mach III plus." 4/84.
8	25	1998.129.2.3.25	Script: "Blacksmith for the stars."
8	26	1998.129.2.3.26	Folder of documents relative to fire at North Grafton plant April 12, 1969, with interim office arrangements, insurance claims, lists of losses, including photographic prints.
8	27	1998.129.2.3.27	Folder. Wyman-Gordon history/exhibits, 1983.
8	28	1998.129.2.3.28	Documents concerning new Rollmet brochure, 1971.
8	29	1998.129.2.3.29	Memoranda. Rollmet presentation information.
8	30	1998.129.2.3.30	Rollmet promotional materials.
8	31	1998.129.2.3.31	Memoranda concerning Rollmet mailing list.
8	32	1998.129.2.3.32	Memoranda concerning Rollmet slides.
9	33	1998.129.2.3.33	File. "Rollmet miscellaneous."
9	34	1998.129.2.3.34	Article. Worcester Sunday Telegram, June 29, 1966. <u>The world's biggest squeeze</u> , by Robert E. Wilson, concerning forging presses. Aqp
9	35	1998.129.2.3.35	Memoranda from Wyman-Gordon Company to salaried employees regarding job evaluation.
9	36	1998.129.2.3.36	Wyman-Gordon 75 th anniversary observance, November 1, 1958.

Series 2
 Subseries 3, continued.

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| 9 | 37 | 1998.129.2.3.37 | Serial. Business Digest, October 1983. Article re Wyman-Gordon Company. 3 copies. |
| 9 | 38 | 1998.129.2.3.38 | Plans. Worcester plant layout and general information, 1950s. |
| 9 | 39 | 1998.129.2.3.39 | <u>History of Coghlan Electric and Electronics Company, Worcester.</u> 97 p. : ill. ; 28 cm. |
| 9 | 40 | 1998.129.2.3.40 | Article, brochures, documents concerning forging presses. |
| 9 | 41 | 1998.129.2.3.41 | Pamphlet. Wyman-Gordon Company, 100 years committed to challenge and leadership, by Joseph R. Carter. 10 copies. |
| 9 | 42 | 1998.129.2.3.42 | Serial. Wyman-Gordon Circle. Vol. 12, nos. 7, 9; Vol. 13, nos. 6-9. 6 items. |
| 10 | 43 | 1998.129.2.3.43 | Photographic prints. Forging presses. |
| 10 | 44 | 1998.129.2.3.44 | Folder "Wyman-Gordon 1958." Clippings re 75 th anniversary; pamphlet <u>Tour through Wyman-Gordon</u> ; papers concerning civil defense plan for Worcester and Grafton plants. |
| 10 | 45 | 1998.129.2.3.45 | Photographic prints. Display at Worcester Airport, September 1977; Expo 250, 1972; Gas Turbine Show, 1973; Nuclear World, 1972. |
| 10 | 46 | 1998.129.2.3.46 | Folder containing group photographic print and negative, program for award of the Army Navy "E" Award, brochure re large light metal castings. |
| 10 | 47 | 1998.129.2.3.47 | Paper. "Wyman-Gordon facts." |
| 10 | 48 | 1998.129.2.3.48 | Paper. "Heavy Press Program." Includes general information on Wyman-Gordon facilities in Worcester and Grafton. |

Series 2
Subseries 3, continued

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| 16 | | 1998.129.2.3.per | Wyman-Gordon Annual Reports, 1971-1988. |
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10	49	1998.129.2.3.49	Brochure #B-53. Dynamic helicopter forgings.
10	50	1998.129.2.3.50	Brochure #B-55. Wyman-Gordon forgings for the power industry.
10	51	1998.129.2.3.51	Brochure #B-56A. Quality.
10	52	1998.129.2.3.52	Brochure #B-62. Danville special.
10	53	1998.129.2.3.53	Brochure #B-64. Near net shape.
10	54	1998.129.2.3.54	Brochure #B-67A. Welcome to Wyman-Gordon.
10	55	1998.129.2.3.55	Brochure #B-68. This is Wyman-Gordon.
10	56	1998.129.2.3.56	Brochure #B-71. Wyman-Gordon forgings for turbo-machinery.
10	57	1998.129.2.3.57	Brochure #B-73. Reprint. "A nice guy in a place like this."
10	58	1998.129.2.3.58	Brochure #B-74. "Sharing your future ... the forging story."
10	59	1998.129.2.3.59	Brochure #B-75. Forging capability charts, 1989/90 and 1984/85.
10	60	1998.129.2.3.60	Brochure #B-76. Quality.
10	61	1998.129.2.3.61	Brochure #B-78. Annual report 1984; 1985 third quarter report.
10	62	1998.129.2.3.62	Brochure #B-79. Commitment to titanium.
10	63	1998.129.2.3.63	Brochure #B-80. 1986 reports.
10	64	1998.129.2.3.64	Brochure #B-81. Forging capability chart, 1985/86.

Series 2
Subseries 3, continued

10	65	1998.129.2.3.65	Brochure #B-83. Wyman-Gordon approach to aeroeconomics.
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10	66	1998.129.2.3.66	Brochure #B-84. Wyman-Gordon 1987 Annual Report.
10	67	1998.129.2.3.67	Brochure #B-86. Wyman-Gordon investment Castings. New Hampshire facilities.
10	68	1998.129.2.3.68	Brochure #B-88. Wyman-Gordon 1988 Annual Report.
10	69	1998.129.2.3.69	Brochure #77. "Weigh the facts."
10	70	1998.129.2.3.70	Brochure #77A. "Weigh the facts." (Revised)
10	71	1998.129.2.3.71	Brochure #78. "Why we're the big wheels ... "
10	72	1998.129.2.3.72	Brochure #79. "Instead of casting about ... "
11	73	1998.129.2.3.73	Brochure #80. "Where the hot ideas ... "
11	74	1998.129.2.3.74	Brochure #81. "Up in our ivory tower ... "
11	75	1998.129.2.3.75	Brochure #82. "There isn't one reason ... "
11	76	1998.129.2.3.76	Brochure #83. "A backward glance ... "
11	77	1998.129.2.3.77	Brochure #83A. "A backward glance ... " (Revised)
11	78	1998.129.2.3.78	Brochure #84. "At 38,000 feet ... " (Superseded by #88.)
11	79	1998.129.2.3.79	Brochure #85. "At 38,000 feet ... " (Oversized ad.)
11	80	1998.129.2.3.80	Brochure #86. "At 1200 F, forging ... " (Oversized ad.)
11	81	1998.129.2.3.81	Brochure #87. Notes re oversized ad #87.

Series 2
Subseries 3, continued

11	82	1998.129.2.3.82	Brochure #88. "At any flight level ... " (Oversized ad.)
11	83	1998.129.2.3.83	Brochure #89. "Just because we're experts ... " (Oversized ad.)

11	84	1998.129.2.3.84	Brochure #90. "B-1, the future deterrent."
11	85	1998.129.2.3.85	Brochure #91. "Sure we're big in titanium ... "
11	86	1998.129.2.3.86	Brochure #92. "For high technology nuclear forgings ... "
11	87	1998.129.2.3.87	Brochure #93. "Sooner or later someone else ... "
11	88	1998.129.2.3.88	Brochure #94. "Wyman-Gordon's at the hub of the hawk."
11	89	1998.129.2.3.89	Brochure #95. "What do we have to do to impress ... "
11	90	1998.129.2.3.90	Brochure #96. "Wyman-Gordon is at the hub of the hawk." (Color)
11	91	1998.129.2.3.91	Brochure #97. "The shaping of things to come."
11	92	1998.129.2.3.92	Brochure #98. "Wyman-Gordon: taking off ... "
11	93	1998.129.2.3.93	Brochure #99. "The world's most flyable forgings."
11	94	1998.129.2.3.94	Brochure #100. "With all the progress in airplane ... ", large-size advertisement.
11	95	1998.129.2.3.95	Brochure #101. "Change in metals ...", large-size advertisement.
11	96	1998.129.2.3.96	Brochure #102. "The phase that launched ... ", large-size advertisement.
11	97	1998.129.2.3.97	Brochure #104. "Reinventing the wheel." Series 2
Subseries 3, continued			
11	98	1998.129.2.3.98	Brochure #105. "Moving in the right circles."
11	99	1998.129.2.3.99	Brochure #108. "Reinventing the wheel."
11	100	1998.129.2.3.100	Brochure #109. Reisner, with advertising information.

11	101	1998.129.2.3.101	Brochure #111. "A few choice words: isothermal forging."
11	102	1998.129.2.3.102	Brochure #112. "A few choice words: hot die forging."
11	103	1998.129.2.3.103	Brochure #113. "A few choice words: power forging."
11	104	1998.129.2.3.104	Brochure #114. "A few choice words: CAD/CAM/CAE."
11	105	1998.129.2.3.105	Midwest Division brochure.
11	106	1998.129.2.3.106	Brochure #608. "Industry forging ahead ... "
11	107	1998.129.2.3.107	Brochure #610. "Using differential thermal analysis ..."
11	108	1998.129.2.3.108	Brochure #611. "Near net shape ... "
11	109	1998.129.2.3.109	Brochure #612. "Hot-forming gains ..."
11	110	1998.129.2.3.110	Brochure #613. 69 th stockholder's meeting, April 12, 1980, Chairman's Report.
11	111	1998.129.2.3.111	Brochure #614. "Facts and guidelines ... aluminum."
11	112	1998.129.2.3.112	Brochure #615. Metal progress, 1930-1980.
11	113	1998.129.2.3.113	Brochure #616. Forging capability chart, 1981/82.

Series 2
Subseries 3, continued

11	114	1998.129.2.3.114	Brochure #617. "Advanced heat treater ... "
11	115	1998.129.2.3.115	Brochure #618. "Forging savings."
11	116	1998.129.2.3.116	Brochure #619. "Explaining to the owners."
11	117	1998.129.2.3.117	Brochure #620. "The B-1B story."

11	118	1998.129.2.3.118	Brochure #621. "100 years old ... "
11	119	1998.129.2.3.119	Brochure #623. American machinist, March 1984.
11	120	1998.129.2.3.120	Brochure #624. "Forging a formula for success."
11	121	1998.129.2.3.121	Brochure #625. "How, where, why?"
11	122	1998.129.2.3.122	Brochure #626. "Titanium."
11	123	1998.129.2.3.123	Brochure #627. Grafton plant tour, October 22, 1983.
11	124	1998.129.2.3.124	Brochure #628. "B-1B liftoff."
11	125	1998.129.2.3.125	Brochure #630. "Can U.S. forging & casting ... "
11	126	1998.129.2.3.126	Brochure #631. "Computers help design forging dies."
11	127	1998.129.2.3.127	Brochure #632. "Why forgers are jumping ... "
11	128	1998.129.2.3.128	Brochure #633. "Wyman-Gordon reorganizing ... "
11	129	1998.129.2.3.129	Brochure #622. "Forging a path ... "

Wyman-Gordon Company
 Series 3
 Subseries 1
 Advertising
 1998.129.3.1

<u>Box #</u>	<u>Folder #</u>	<u>Accession #</u>	<u>Description</u>
12	130	1998.129.3.1.130	Periodical. Builder's Weekly, September 16, 1899. Wyman-Gordon vise advertisement, p. 15. Aqp.
12	131	1998.129.3.1.131	Handbill. Wyman-Gordon advertisement for 1885 quick-action vise.
12		1998.129.3.1.bv1	Scrapbook. Advertisements 1918-1919.
12	132	1998.129.3.1.132	Wyman-Gordon advertisements ca. 1950-1960.
12	133	1998.129.3.1.133	Wyman-Gordon advertisements. 1936, 1960s.
12		1998.129.3.1.bv2	Wyman-Gordon Co. advertising, Recent Series. Spiral bound. Nd
12	134	1998.129.3.1.134	Miscellaneous advertisements.
12	135	1998.129.3.1.135	Advertising brochure, 1903; clipping, 1911.
12	136	1998.129.3.1.136	Brochure. Wyman-Gordon the crankshaft makers. Ca. 1921. 2 copies.
13	137	1998.129.3.1.137	Notebook. Wyman-Gordon advertisements prior to 1950s.
13	138	1998.129.3.1.138	Notebook. Wyman-Gordon marketing services.
13	139	1998.129.3.1.139	Notebook. Wyman-Gordon advertising, 1961-1964.
13	140	1998.129.3.1.140	Notebook. Castech products ca. 1960s.
13	141	1998.129.3.1.141	Notebook. Publicity reprints, etc. Filed chronologically 1971-1972.
14	142	1998.129.3.1.142	Notebook. Advertising and technical articles, ca. 1960s.

Wyman-Gordon Company

Series 3
Subseries 2
Technical Information
1998.129.3.2

<u>Box #</u>	<u>Folder #</u>	<u>Accession #</u>	<u>Description</u>
15	143	1998.129.3.2.143	Publication. Handbook of drop forging / American Drop Forging Institute. Nd
15	144	1998.129.3.2.144	Serial. Drop Forging Topics, v. 22, no. 5, 1959. Forgings for missiles.
15	145	1998.129.3.2.145	Technical reports. Crankshafts. 4 items.
15	146	1998.129.3.2.146	Technical Report. Impact tests.
15	147	1998.129.3.2.147	Notebook. Wyman-Gordon product bulletins.

Wyman-Gordon Company
 Series 3
 Subseries 3
 Public Relations

<u>Box #</u>	<u>Folder #</u>	<u>Accession #</u>	<u>Description</u>
17	148	1998.129.3.3.148	Notebook. "Forging 62" Photographic prints, 3x5 in. color, 5x7 in. b&w, 8x10 in. b&w.
17	149	1998.129.3.3.149	Notebook. Androform Industries. Photographic prints, 8x10 in., b&w.
17	150	1998.129.3.3.150	Notebook. Rollmet Inc. Photographic prints, 8x10 in., b&w.
17	151	1998.129.3.3.151	Notebook. Rollmet Book 1. Photographic prints, 8x10 in., b&w.
17	152	1998.129.3.3.152	Notebook. Rollmet Book 2. Photographic prints, 8x10 in., b&w.
17	153	1998.129.3.3.153	Notebook. Rollmet Book 2. Photographic prints, 3x5 in., col.
18	154	1998.129.3.3.154	Notebook. Castech. Photographic prints, 8x10, b&w.
18	155	1998.129.3.3.155	Notebook. Wyman-Gordon Company. Descriptive information of company and products.
18	156	1998.129.3.3.156	Biography. George Freeman Fuller; clipping re George F. Fuller.
18	157	1998.129.3.3.157	Brochures.
18	158	1998.129.3.3.158	Handbills; advertising material.
18	159	1998.129.3.3.159	Folder "Historical material from Mr. Stoddard's office." Brochures, photographic prints.
18	160	1998.129.3.3.160	Photographic prints and photocopies from "Dead File".

Series 3
 Subseries 3, continued

18	161	1998.129.3.3.161	Periodical. W-G Circle, 1958-1983, from "Dead File".
18	162	1998.129.3.3.162	Periodical. Forging ahead, 1972-1982, from "Dead File".
18	163	1998.129.3.3.163	Wyman-Gordon Annual Report, 1989.
19	164	1998.129.3.3.164	Notebook "Brochures and releases, 1965-1967".
19	165	1998.129.3.3.165	Notebook. Public relations, 1962-1963.
19	166	1998.129.3.3.166	Notebook. "Schmidt – News releases chronological file". June 1969-February 1972.
19	167	1998.129.3.3.167	Notebook. Information re public relations for 1983 centennial celebration.
20	168	1998.129.3.3.168	Notebook. "Public relations report 1961, Book 1".
20	169	1998.129.3.3.169	Notebook. "Public relations report 1962, Book 2".

Wyman-Gordon Company
Series 4
Subseries 1
Sound Recordings

<u>Box #</u>	<u>Folder #</u>	<u>Accession #</u>	<u>Description</u>
21		1998.129.4.1. av1-av40	Audio cassettes non-music, 31 items. Reel-to-reel sound tapes, 3 items. Sound discs, 33 1/3 rpm, 8 in., 6 items.

Wyman-Gordon Company
Series 4
Subseries 2
Motion Picture Film

<u>Box #</u>	<u>Folder #</u>	<u>Accession #</u>	<u>Description</u>
22		1998.129.4.2.	Motion picture film, 16 mm. 23 items.
23		av41-av54	Motion picture film, 8 mm. 1 item.
24			

Wyman-Gordon Company
Series 4
Subseries 3
Photographic Prints

<u>Box #</u>	<u>Folder #</u>	<u>Accession #</u>	<u>Description</u>
25	170	1998.129.4.3.170	Photographic prints, 1940s.
25	171	1998.129.4.3.171	Photographic prints, pre 1940.
25	172	1998.129.4.3.172	Photographic prints, Wyman-Gordon India.
25	173	1998.129.4.3.173	Photographic prints, Wyman-Gordon Centennial Exhibit at Worcester Historical Museum, 9/15/83-10/29/83.

Wyman-Gordon Company
Series 4
Subseries 4
Photographic Negatives

<u>Box #</u>	<u>Folder #</u>	<u>Accession #</u>	<u>Description</u>
25	174	1998.129.4.4.174	Photographic negatives, 8x10 in.
26		1998.129.4.4.neg	Photographic negatives, 3x5 in.

Wyman-Gordon Company
Series 4
Subseries 5
Slides
1998.129.4.5

<u>Box #</u>	<u>Folder #</u>	<u>Accession #</u>	<u>Description</u>
25	175	1998.129.4.5.175	Color slides, 2x2 in., "Duplicate set", Wyman-Gordon Centennial presentation, October 1983. 62 slides.
25	176	1998.129.4.5.176	Color slides, 2x2 in., "Old-Time slides". Remnants of original Wyman-Gordon Centennial presentation. N.d. 64 slides.

Wyman-Gordon Company
 Series 5
 1998.129.5
 Anniversary celebrations, 100th

<u>Box #</u>	<u>Folder #</u>	<u>Accession #</u>	<u>Description</u>
27	177	1998.129.5.177	Memoranda concerning mailings of Centennial publication, <i>Wyman-Gordon Way</i> . 1984.
27	178	1998.129.5.178	Memoranda concerning Centennial publication, <i>Wyman-Gordon Way</i> . 1982-1984.
27	179	1998.129.5.179	Third working draft, <i>Wyman-Gordon Way, Part II</i> . Prologue, with editorial notations. (5 copies)
27	180	1998.129.5.180	Third working draft, <i>Wyman-Gordon Way, Part II</i> . Chapter One. (5 copies)
27	181	1998.129.5.181	Third working draft, <i>Wyman-Gordon Way, Part II</i> . Chapter Two. (5 copies)
27	182	1998.129.5.182	Third working draft, <i>Wyman-Gordon Way, Part II</i> . Chapter Three. (5 copies)
27	183	1998.129.5.183	Third working draft, <i>Wyman-Gordon Way, Part II</i> . Chapter Four. (5 copies)
27	184	1998.129.5.184	Third working draft, <i>Wyman-Gordon Way, Part II</i> . Chapter Five. (5 copies)
27	192	1998.129.5.185	Third working draft, <i>Wyman-Gordon Way, part II</i> . Chapter Six. (5 copies)

Series 5, continued

27	186	1998.129.5.186	Second working draft, <i>Wyman-Gordon Way, part II</i> . Prologue. (2 copies)
27	187	1998.129.5.187	Second working draft, <i>Wyman-Gordon Way, Part II</i> . Chapter One. (2 copies)
27	188	1998.129.5.188	Second working draft, <i>Wyman-Gordon Way, Part II</i> . Chapter Two. (2 copies)
27	189	1998.129.5.189	Second working draft, <i>Wyman-Gordon Way, Part II</i> . Chapter Three. (2 copies)
27	190	1998.129.5.190	Second working draft, <i>Wyman-Gordon Way, Part II</i> . Chapter Four. (2 copies)
27	191	1998.129.5.191	Second working draft, <i>Wyman-Gordon Way, Part II</i> . Chapter Five. (2 copies)
27	192	1998.129.5.192	Second working draft, <i>Wyman-Gordon Way, Part II</i> . Chapter Six. (2 copies)
27	193	1998.129.5.193	Photographs (photocopies) for use in <i>Wyman-Gordon Way</i> .
27	194	1998.129.5.194	Reviews of Chapters 4 and 5 of <i>Wyman-Gordon</i> history.
27	195	1998.129.5.195	Working draft (first), <i>Wyman-Gordon Way</i> . Prologue, Chapter One.
27	196	1998.129.5.196	Working draft (first), <i>Wyman-Gordon Way</i> . Chapters Two and Three.

Series 5, continued

27	197	1998.129.5.197	Memoranda concerning update of <i>Wyman-Gordon</i> history for Centennial.
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27	198	1998.129.5.198	Memoranda and letters concerning centennial publication <i>Wyman-Gordon Way</i> .
27	199	1998.129.5.199	Letters and memoranda concerning revisions to centennial publication of Wyman-Gordon history.
27	200	1998.129.5.200	Letters and memoranda concerning centennial publication of Wyman-Gordon history.
27	201	1998.129.5.201	Superseded drafts of Wyman-Gordon history; chapters I, II, III.
27	202	1998.129.5.202	Superseded drafts of Wyman-Gordon history; chapters IV, V, VI, XVII.
27	203	1998.129.5.203	Superseded drafts of Wyman-Gordon history; India, Danville, Reisner, Rome, Reynolds Divisions.
28	204	1998.129.5.204	Letters and memoranda concerning update of Wyman-Gordon history; draft copies of Prologue, Chapters 1 and 2.
28	205	1998.129.5.205	Letters and memoranda concerning update of Wyman-Gordon history; draft copies of Prologue, Chapter IV.
28	206	1998.129.5.206	Wyman-Gordon history update. Chapter IV.
28	207	1998.129.5.207	Wyman-Gordon history update. Draft copies Chapter IV.
28	208	1998.129.5.208	Wyman-Gordon history update. Revised copies of Chapters 1-4.
28	209	1998.129.5.209	Proposals by William D. Ellis to author Wyman-Gordon history update.

Series 5, continued

28	210	1998.129.5.210	Draft copies of centennial historical publication; sections on Rome and Danville Divisions.
28	211	1998.129.5.211	Clippings (aqp) concerning Wyman-Gordon plant

			in India.
28	212	1998.129.5.212	“Add-ons.” Miscellaneous historical information; personnel and anecdotal.
28	213	1998.129.5.213	Ploude Test to determine defects in aluminum, developed by Wyman-Gordon Company. Historical information.
28	214	1998.129.5.214	Update of Wyman-Gordon history. Galley proofs of text.
28	215	1998.129.5.215	Update of Wyman-Gordon history. Captions proofs.
28	216	1998.129.5.216	Update of Wyman-Gordon history. Index proofs.
29	217	1998.129.5.217	Correspondence between Bill Ellis, author, and Wyman-Gordon officials, concerning history update, 1979-1982.
29	218	1998.129.5.218	Correspondence concerning Wyman-Gordon history update with various Wyman-Gordon divisions.
29	219	1998.129.5.219	Correspondence concerning Wyman-Gordon history update, 1978-1979.
29	220	1998.129.5.220	Notes: Jackson, Texas. (Regarding Reynolds Division of Wyman-Gordon Company.)
29	221	1998.129.5.221	Letters and memoranda concerning Wyman-Gordon Eastern Division and its history.
29	222	1998.129.5.222	Manuscript notes by Bill Ellis concerning Harvey, Illinois Division of Wyman-Gordon, 1963-1981.

Series 5, continued

29	223	1998.129.5.223	Wyman-Gordon Company business and management notes, articles, clippings, 1967-1973.
29	224	1998.129.5.224	Clippings (aqp) concerning acquisition of Reisner Metal Corp. by Wyman-Gordon Company.

29	225	1998.129.5.225	Letters and articles concerning Rollmet, Inc., Irvine, Calif., a Wyman-Gordon company.
29	226	1998.129.5.226	Article "Chapter Four: India", written by Bill Ellis for Wyman-Gordon Company history update.
29	227	1998.129.5.227	Letter and article by George W. Motherwell; with historical photographs.
29	228	1998.129.5.228	Biographical information: George W. Motherwell, Joseph R. Carter.
29	229	1998.129.5.229	Notes taken from conversations with Kit Drew, Paul Hausman, Bob Zell, of Harvey, Illinois Division, Wyman-Gordon Company.
29	230	1998.129.5.230	Memoranda, clippings, articles concerning Wyman-Gordon machined parts in 1973 space shuttle.
29	231	1998.129.5.231	Danville chapter and notes, Midwest Division, Wyman-Gordon history update.
29	232	1998.129.5.232	Wyman-Gordon history update: chapters and notes for Reynolds and Rome Divisions.
29	233	1998.129.5.233	Wyman-Gordon history update: chapter and notes for Reisner Metals, Inc.
30	234	1998.129.5.234	Wyman-Gordon history update: chapter and notes for Jackson Crankshaft Company.
30	235	1998.129.5.235	Wyman-Gordon history update: notes concerning West Coast trip with author Bill Ellis to research subsidiaries.

Series 5, continued

30	236	1998.129.5.236	Wyman-Gordon history update: notes, photograph with negative, biographical information about George W. Motherwell.
30	237	1998.129.5.237	Wyman-Gordon history update: current drafts (May 25, 1982) of Chapters I-VII, XIV, XVI.

30	238	1998.129.5.238	Wyman-Gordon history update: drafts and working outlines for Chapters I-VI, IX-XII, XV-XVI.
30	239	1998.129.5.239	Corporate centennial advertisements, proposed advertisements, and advertisements in periodicals.
30	240	1998.129.5.240	Wyman-Gordon Company centennial, preliminary recommendations.
30	241	1998.129.5.241	Wyman-Gordon Company centennial, memoranda concerning corporate brochure.
30	242	1998.129.5.242	Memoranda, invoices, script for Centennial radio concert on radio station WNEB, July 1983.
30	243	1998.129.5.243	Memoranda, letters concerning Centennial souvenirs.
30	244	1998.129.5.244	Memoranda, letters concerning Centennial committees and preliminary plans.
30	245	1998.129.5.245	Cost estimates, purchase orders, invoices for Centennial expenses.
30	246	1998.129.5.246	Designs (proposed) for Centennial logo.
30	247	1998.129.5.247	Design of Wyman-Gordon History update.
30	248	1998.129.5.248	Memoranda concerning Wyman-Gordon Centennial Employee day.
31	249	1998.129.5.249	Memoranda concerning Wyman-Gordon exhibit at Worcester Historical Museum.

Series 5, continued

31	250	1998.129.5.250	Memoranda concerning centennial executive calendars.
31	251	1998.129.5.251	Memoranda concerning Wyman-Gordon exhibit at Mechanic's Hall Fair, and other proposed exhibits.
31	252	1998.129.5.252	Labels for exhibition and supporting documentation.

31	253	1998.129.5.253	List of host names and name tags.
31	254	1998.129.5.254	Invitations to Centennial Family Day, October 22, 1983.
31	255	1998.129.5.255	Centennial stationery, sample letterheads.
31	256	1998.129.5.256	Centennial "Miscellaneous" file.
31	257	1998.129.5.257	Centennial planning committee meetings.
31	258	1998.129.5.258	Preliminary planning for week-long Centennial open house.
31	259	1998.129.5.259	Centennial presentation for those participating in the presentations, 8/15/83. Transparencies.
31	260	1998.129.5.260	Memoranda, Centennial presentation to management groups, 4/15/80. Transparencies.
31	261	1998.129.5.261	Centennial presentation to those participating in the preparations, 8/25/83. Transparencies.
31	262	1998.129.5.262	Memoranda. Centennial presentation to the management clubs.
31	263	1998.129.5.263	Memoranda. Centennial film preview, 10/17/83.
31	264	1998.129.5.264	Centennial photographs and captions for exhibits.
31	265	1998.129.5.265	Centennial presentation, by F. J. Walnista.

Series 5, continued

32	266	1998.129.5.266	Centennial press kits.
32	267	1998.129.5.267	Centennial projects.
32	268	1998.129.5.268	Memoranda concerning local publicity for centennial.
32	269	1998.129.5.269	Poster. Centennial Reminder Poster.
32	270	1998.129.5.270	Plant signs for centennial tours.

32	271	1998.129.5.271	Centennial Day, October 22, 1983. Coordinator-at-large, F.J. Walnista.
32	272	1998.129.5.272	Centennial open house plans.
32	273	1998.129.5.273	Centennial Day Steering Committee.
32	274	1998.129.5.274	Centennial tour maps and instructions.
32	275	1998.129.5.275	Centennial Day, Grafton plant.
32	276	1998.129.5.276	Centennial Day, Millbury plant.
32	277	1998.129.5.277	Centennial Day, Worcester plant.
32	278	1998.129.5.278	Notes concerning Centennial volunteers.

Wyman-Gordon Company
Series 6
Publications
1998.129.6

<u>Box #</u>	<u>Folder #</u>	<u>Accession #</u>	<u>Description</u>
		1998.129.6.1bv	Straight up / Allen Andrews; edited by Sergei Sikorsky, 1984, 156 p., 33 cm.
33	279	1998.129.6.1a	aqp of t.-p.
		1998.129.6.2bv	The Pratt & Whitney Aircraft Story / Pratt & Whitney, 1950, 172 p., 28 cm.
33	279	1998.129.6.2a	aqp of t.-p.
		1998.129.6.3bv	Early flight: 1900-1911 / edited by Ron Geibert, Tucker Malishenko, 1984, 95 p., 23x27 cm.
33	279	1998.129.6.3a	aqp of t.-p.
		1998.129.6.4bv	Reisner Metals, Inc., nd, 40 p., 28 cm.
33	279	1998.129.6.4a	aqp of t.-p.
		1998.129.6.5bv	Ontario Corporation, a history (1955-1981), 1981, 128 p., 24 cm.
33	279	1998.129.6.5a	aqp of t.-p.
		1998.129.6.6bv	La grande forge / texte de Christian Sutterlin, 1981, 173 p., 29 cm.
33	279	1998.129.6.6a	aqp of t.-p.
33		1998.129.6.7bv	Wyman-Gordon and Worcester / William Gabis, 1985, 68 p., 24 cm.
33	279	1998.129.6.7a	aqp of t.-p.
33		1998.129.6.8bv	Forgings / by Wyman-Gordon, 1945, 64 p., 28 cm.
33	279	1998.129.6.8a	aqp of t.-p.
33		1998.129.6.9bv	The Wyman-Gordon way / Mildred McClary Tymeson, 1958, 136 p., 26 cm.
33	279	1998.129.6.9a	aqp of t.-p.

Wyman-Gordon Company
Series 7
Miscellaneous
1998.129.7

<u>Box #</u>	<u>Folder #</u>	<u>Accession #</u>	<u>Description</u>
34	280	1998.129.7.280	Scrapbook remnants. Wyman-Gordon Company activities ca. 1945. Includes photographic prints, recreation activities, clippings. Aqp.
34	281	1998.129.7.281	Invitation. Worcester Historical Museum program "From shuttles to shuttle."
34	282	1998.129.7.282	Brochure. Dinner in honor of Wyman-Gordon veterans of five years service or more, March 10, 1945.
34	283	1998.129.7.283	Brochure. Employees' Christmas Dinner to honor the twenty-five year veterans, December 21, 1940.
34	284	1998.129.7.284	Clipping. World leader in variety of forgings / by Ivan Sandrof. Worcester Sunday Telegram, July 27, 1958. Aqp.
34	285	1998.129.7.285	Notebook. 75 th anniversary plans.
34	286	1998.129.7.286	Album. Photographic prints of Wyman-Gordon 75 th anniversary celebration, November 1, 1958.
34	287	1998.129.7.287	Bound volume. Wyman-Gordon, 1942, for the war. Spiral bound. 2 copies.
34	288	1998.129.7.288	Scrapbook. Presentation of Army-Navy Production Award to Wyman-Gordon Company, November 9, 1942. Clippings (aqp), photographic prints.
		1998.129.7.bv1	Scrapbook cover.
35		1998.129.7.N1	Notebook. Paris Air Show, 1967. Photographic prints.

Series 7, continued

35		1998.129.7.N2	Notebook. Paris Air Show, 1969, Book 1. Photographic
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prints.

35

1998.129.7.N3 Notebook. Paris Air Show, 1969, Book 2. Photographic
prints.

Wyman-Gordon Company
Series 8
Ephemera
1998.129.8

<u>Box #</u>	<u>Folder #</u>	<u>Accession #</u>	<u>Description</u>
36		1998.129.8	Wyman-Gordon Company 75 th anniversary medals, ca. 160 envelopes with 2 medals each. Pickett slide rules, 2 items. Rollmet circular slide rule. Plate for letterheads. Zippo key holder. Desk thermometer. Digital desk thermometer, 2 items. 1889 copper rail bond forging, with stand. Forged letter openers, 6 items, various years and materials. Part identification plates. Employee badges; 2 office, 1 foreman, 1 contract employee. Aluminum forged horseshoe. Wyman-Gordon centennial key ring. Wyman-Gordon centennial balloon. Plaque. OK Tojo – you asked for it. Kodak carousel slide tray.