



Smithsonian

National Museum of American History Kenneth E. Behring Center

Guide to the Providence Engineering Works Records

NMAH.AC.1076

Alison Oswald

2018

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Collection Overview

Repository:	Archives Center, National Museum of American History
Title:	Providence Engineering Works Records
Date:	1850-1933
Identifier:	NMAH.AC.1076
Creator:	Providence Engineering Works (Creator)
Source:	National Museum of American History (U.S.). Division of Work and Industry (Collector) National Museum of American History (U.S.). Division of Mechanical and Civil Engineering (Collector)
Extent:	2.5 Cubic feet (10 boxes, 1 map-folder)
Language:	English .

Administrative Information

Immediate Source of Acquisition

Donated to the Division of Mechanical and Civil Engineering by Charles T. Main, Inc. in 1965.

Ownership and Custodial History

Transferred from the Division of Work and Industry to the Archives Center in 2007.

Processing Information

Collection processed by Alison Oswald, archivist, 2018.

Preferred Citation

Providence Engineering Works, 1850-1933, Archives Center, National Museum of American History.

Restrictions on Access

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

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Biographical / Historical

Engineers specializing in stationary engines and general machinery. It was incorporated in 1863 as the Providence Steam Engine Company, and merged in 1889 with the Rice and Sargent Engine Company to become the Providence Engineering Works.

Scope and Contents

Collection includes order books, 1883-1898, 1898-1918, 1894-1923; shipping book, 1883-1892; detailed cost record, 1892-1896; parts listing; pattern list, 1890-1907; miscellaneous order book, 1916-1920; book of standard and special engine details, 1881-1889; and drawing list, 1881-1908; also photographs, glass negatives, drawings, publications, and other material concerning Corliss engines and Rice and Sargent steam engines.

Arrangement

1 series.

Names and Subject Terms

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

Subjects:

Steam-engines

Types of Materials:

Blueprints

Drawings

Order books

Photographs -- Black-and-white negatives -- Glass -- 19th-20th century

Trade literature

Names:

National Museum of American History (U.S.). Division of Mechanical and Civil Engineering

National Museum of American History (U.S.). Division of Work and Industry

Providence Steam Engine Company

Rice and Sargent Company

Places:

Providence (RI)

Container Listing

Series 1: Historical Background Materials, 1850-1933

Box 1, Folder 1	Historical Background, undated
Box 1, Folder 2; Map-folder 1	Providence precision drilling machine (model) information, 1921-1922
Box 1, Folder 3	SIPP Machine Company (drill presses), 1922
Box 1, Folder 4	Pecorp drill machine, cuts for advertising, 1920
Box 1, Folder 5	Rice and Sargent Corliss engine information, 1901-1933
Box 1, Folder 6	Rice and Sargent Corliss engine trade literature, 1902-1913
Box 3, Item 1	Steam Engine Order Book, 1850-1870 1 Volume
Box 3, Item 2	Order Book, 1883-04-1892-09 1 Volume
Box 3, Item 3	Order Book, 1894-08-1923-01 1 Volume
Box 4, Item 1	Order Book, 1895-11-1918-11 1 Volume
Box 4, Item 2	Miscellaneous orders, 1916-1930 1 Volume
Box 4, Item 3	Pattern List, 1890-1907 1 Volume
Box 5, Item 1	Parts Listing, undated 1 Volume
Box 5, Item 2	Detailed Cost Record, 1892-09 1 Volume
Box 5, Item 3	Shipping Book, 1890-09 1 Volume
Box 10	Drawings List, 1898-1908

	1 Volume
Box 10	Standard and Special Engine Details, 1881-1889 1 Volume
Map-folder 1	Power, 1895-04
Map-folder 1	Power, 1896-08
Map-folder 1	Bushings for boring mill, drawing, 1907-09
Map-folder 1	Rotating cam for M.B. 3.5-1 driving gear, drawing, 1907-09-20

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Series 2: Photographs and Negatives, 1922

Box 1, Folder 7	Drill presses (negatives and copy prints), undated
Box 2, Folder 1	Drill presses (photographs), undated
Box 2, Folder 2-7; Map-folder 1	Rice and Sargent Corliss engines (photographs), undated
Box 2, Folder 8	SIPP Machine Company (photographs), 1922
Box 6	Negatives of drill presses, undated 37 Negatives (photographic)
Map-folder 1	Providence Engineering Works Factory, 1907-05-22

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Series 3: Glass Plate Negatives, undated

Box 7, Item 1	#1, Drill presses, undated 1 Glass plate negative
Box 7, Item 2	#2, Drill presses, undated 1 Glass plate negative
Box 7, Item 3	#3, Drill presses, undated 1 Glass plate negative
Box 7, Item 4	#4, Drill presses, undated 1 Glass plate negative
Box 9, Item 1	# 9, Rice and Sargent cylinder, undated 1 Glass plate negative
Box 9, Item 2	#10, Inertia governor, undated 1 Glass plate negative
Box 7, Item 5	#21m, Drill presses, undated 1 Glass plate negative
Box 9, Item 3	#32, Shop view of segment balance wheel in pit lathe, undated 1 Glass plate negative
Box 9, Item 4	#41, Modern connecting rod, undated 1 Glass plate negative
Box 9, Item 5	#42, Steam dash pot valve gear, undated 1 Glass plate negative
Box 9, Item 6	#47, Shop view of Rice and Sargent engine, undated 1 Glass plate negative
Box 9, Item 7	#54, Calumet and Hecla engine, undated 1 Glass plate negative
Box 9, Item 8	#59, Rice and Sargent governor with enclosing case of weights, undated 1 Glass plate negative
Box 9, Item 9	#70, Portland Railroad vertical engine in shop, undated 1 Glass plate negative
Box 9, Item 10	#81, Old style Rice and Sargent cylinder cut crosswise, undated 1 Glass plate negative
Box 9, Item 11	#82, Rice and Sargent cylinder, undated

	1 Glass plate negative
Box 9, Item 12	#83, Section through pillow block, undated 1 Glass plate negative
Box 9, Item 13	#84, Cross section through cross head and guides, undated 1 Glass plate negative
Box 9, Item 14	#85, Pillow block, transparent view, undated 1 Glass plate negative
Box 7, Item 6	#100, Drill presses, undated 1 Glass plate negative
Box 7, Item 7	#101, Drill presses, undated 1 Glass plate negative
Box 7, Item 8	#102, Drill presses, undated 1 Glass plate negative
Box 7, Item 9	#104, Drill presses, undated 1 Glass plate negative
Box 7, Item 10	#105, Drill presses, undated 1 Glass plate negative
Box 7, Item 11	#107, Drill presses, undated 1 Glass plate negative
Box 7, Item 12	#108, Drill presses, undated 1 Glass plate negative
Box 7, Item 13	#109, Drill presses, undated 1 Glass plate negative
Box 7, Item 14	#110, Drill presses, undated 1 Glass plate negative
Box 7, Item 15	#112, Drill presses, undated 1 Glass plate negative
Box 7, Item 16	#113, Drill presses, undated 1 Glass plate negative
Box 7, Item 17	#114, Drill presses, undated 1 Glass plate negative
Box 7, Item 18	#115, Drill presses, undated

	1 Glass plate negative
Box 7, Item 19	#116, Drill presses, undated 1 Glass plate negative
Box 7, Item 20	#117, Drill presses, undated 1 Glass plate negative
Box 9, Item 15	#119, Shop view of shaft for Davis Mills engine in lathe, undated 1 Glass plate negative
Box 7, Item 21	#122, Drill presses, undated 1 Glass plate negative
Box 7, Item 22	#123, Drill presses, undated 1 Glass plate negative
Box 9, Item 16	#123, Piston complete showing junk ring babitted in spots, undated 1 Glass plate negative
Box 7, Item 23	#124m, Drill presses, undated 1 Glass plate negative
Box 7, Item 24	#125m, Drill presses, undated 1 Glass plate negative
Box 7, Item 25	#126m, Drill presses, undated 1 Glass plate negative
Box 7, Item 26	#127m, Drill presses, undated 1 Glass plate negative
Box 9, Item 17	#150, Niles Tpool Works, Hamilton, Ohio, undated 1 Glass plate negative
Box 7, Item 27	#500, Drill presses, undated 1 Glass plate negative
Box 7, Item 28	#501A, Drill presses, undated 1 Glass plate negative
Box 7, Item 29	#501B, Drill presses, undated 1 Glass plate negative
Box 7, Item 30	#502, Drill presses, undated 1 Glass plate negative
Box 7, Item 31	#504B, Drill presses, undated

	1 Glass plate negative
Box 7, Item 32	#504B, Drill presses, undated 1 Glass plate negative
Box 7, Item 33	#508, Drill presses, undated 1 Glass plate negative
Box 7, Item 34	#509, Drill presses, undated 1 Glass plate negative
Box 7, Item 35	#515, Drill presses, undated 1 Glass plate negative
Box 7, Item 36	#529, Drill presses, undated 1 Glass plate negative
Box 7, Item 37	#533, Drill presses, undated 1 Glass plate negative
Box 7, Item 38	#534, Drill presses, undated 1 Glass plate negative
Box 7, Item 39	#535, Drill presses, undated 1 Glass plate negative
Box 7, Item 40	#536A, Drill presses, undated 1 Glass plate negative
Box 7, Item 41	#536B, Drill presses, undated 1 Glass plate negative
Box 7, Item 42	#538A, Drill presses, undated 1 Glass plate negative
Box 7, Item 43	#538B, Drill presses, undated 1 Glass plate negative
Box 7, Item 44	#539, Drill presses, undated 1 Glass plate negative
Box 7, Item 45	#540A, Drill presses, undated 1 Glass plate negative
Box 7, Item 46	#540B, Drill presses, undated 1 Glass plate negative
Box 7, Item 47	#540B, Drill presses, undated

	1 Glass plate negative
Box 7, Item 48	#541, Drill presses, undated 1 Glass plate negative
Box 7, Item 49	#542, Drill presses, undated 1 Glass plate negative
Box 7, Item 50	#543, Drill presses, undated 1 Glass plate negative
Box 7, Item 51	#545B, Drill presses, undated 1 Glass plate negative
Box 7, Item 52	#547, Drill presses, undated 1 Glass plate negative
Box 8, Item 1	#550, Drill presses, undated 1 Glass plate negative
Box 8, Item 2	#552, Drill presses, undated 1 Glass plate negative
Box 8, Item 3	#559, Drill presses, undated 1 Glass plate negative
Box 8, Item 4	#563, Drill presses, undated 1 Glass plate negative
Box 8, Item 5	#564, Drill presses, undated 1 Glass plate negative
Box 8, Item 6	#4201, Drill presses, undated 1 Glass plate negative
Box 8, Item 7	#4508, Drill presses, undated 1 Glass plate negative
Box 8, Item 8	#4509, Drill presses, undated 1 Glass plate negative
Box 8, Item 9	#4511, Drill presses, undated 1 Glass plate negative
Box 8, Item 10	#4513, Drill presses, undated 1 Glass plate negative
Box 8, Item 11	#4514, Drill presses, undated

	1 Glass plate negative
Box 8, Item 12	#4515, Drill presses, undated 1 Glass plate negative
Box 8, Item 13	#4522, Drill presses, undated 1 Glass plate negative
Box 8, Item 14	#4524, Drill presses, undated 1 Glass plate negative
Box 8, Item 15	#4526, Drill presses, undated 1 Glass plate negative
Box 8, Item 16	#4527, Drill presses, undated 1 Glass plate negative
Box 8, Item 17	#4701, Drill presses, undated 1 Glass plate negative
Box 8, Item 18	#4705, Drill presses, undated 1 Glass plate negative
Box 8, Item 19	#4706, Drill presses, undated 1 Glass plate negative
Box 8, Item 20	#5664/#364, Drill presses, undated 1 Glass plate negative
Box 8, Item 21	#5664/#364, Drill presses, undated 1 Glass plate negative
Box 8, Item 22	Drill presses, undated 1 Glass plate negative
Box 8, Item 23	Drill presses, undated 1 Glass plate negative
Box 8, Item 24	Drill presses, undated 1 Glass plate negative
Box 8, Item 25	Drill presses, undated 1 Glass plate negative
Box 8, Item 26	Drill presses, undated 1 Glass plate negative
Box 8, Item 27	Drill presses, undated

	1 Glass plate negative
Box 8, Item 28	Drill presses, undated 1 Glass plate negative
Box 8, Item 29	Drill presses, undated 1 Glass plate negative
Box 8, Item 30	Drill presses, undated 1 Glass plate negative
Box 8, Item 31	Drill presses, undated 1 Glass plate negative
Box 8, Item 32	Drill presses, undated 1 Glass plate negative
Box 8, Item 33	Drill presses, undated 1 Glass plate negative
Box 8, Item 34	Drill presses, undated 1 Glass plate negative
Box 8, Item 35	Drill presses, undated 1 Glass plate negative
Box 8, Item 36	Drill presses, undated 1 Glass plate negative
Box 8, Item 37	Drill presses, undated 1 Glass plate negative
Box 8, Item 38	Drill presses, undated 1 Glass plate negative
Box 8, Item 39	Drill presses, undated 1 Glass plate negative
Box 8, Item 40	Drill presses, undated 1 Glass plate negative
Box 9, Item 18	#1005, View of gas engine in shop, undated 1 Glass plate negative
Box 9, Item 19	#1011, Gas producer in shop, undated 1 Glass plate negative
Box 9, Item 20	#1016, Gas producer in shop, undated

	1 Glass plate negative
Box 9, Item 21	#4220, Gun barrel lathe, undated 1 Glass plate negative
Box 9, Item 22	#4239, Gun barrel lathe, undated 1 Glass plate negative
Box 9, Item 23	#4248, 115 foot ocean going tug Bathgate, undated 1 Glass plate negative
Box 9, Item 24	#4249, drawing of 20" x 22" cylinder exhaust valve gear, undated 1 Glass plate negative
Box 9, Item 25	#4250, Inlet valve gear, undated 1 Glass plate negative
Box 9, Item 26	#4251, Sargent safety stop, undated 1 Glass plate negative
Box 9, Item 27	#4252, Old style Rites governor, undated 1 Glass plate negative
Box 9, Item 28	#4253, Sargent safety stop, undated 1 Glass plate negative
Box 9, Item 29	#4254, Sargent safety stop, undated 1 Glass plate negative
Box 9, Item 30	Drill presses, undated 1 Glass plate negative
Box 9, Item 31	Drill presses, undated 1 Glass plate negative
Box 9, Item 32	Drill presses, undated 1 Glass plate negative
Box 9, Item 33	#560-B (line drawing), undated 1 Glass plate negative
Box 9, Item 34	#1513-B, pump, undated 1 Glass plate negative
Box 9, Item 35	#1514-B, double suction pump, undated 1 Glass plate negative
Box 9, Item 36	#1515-B, pump, undated

	1 Glass plate negative
Box 9, Item 37	#1516-B, double suction pump, undated 1 Glass plate negative
Box 9, Item 38	#1517-B, double suction pump, undated 1 Glass plate negative
Box 9, Item 39	#1518-B, two stage vertical sinking pump, undated 1 Glass plate negative
Box 9, Item 40	#1520-B, two stage vertical sinking pump, undated 1 Glass plate negative
Box 9, Item 41	#1521, stationary pump, undated 1 Glass plate negative
Box 9, Item 42	#4255-B, Sargent safety stop electric trip applied to Sargent Governor, undated 1 Glass plate negative
Box 9, Item 43	Pump, undated 1 Glass plate negative
Box 9, Item 44	Pump, undated 1 Glass plate negative
Box 9, Item 45	Pump, undated 1 Glass plate negative
Box 9, Item 46	[Rice and Sargent Corliss engine], undated 1 Glass plate negative
Box 9, Item 47	Unidentified, undated 1 Glass plate negative
Box 9, Item 48	Unidentified, undated 1 Glass plate negative
Box 9, Item 49	Unidentified, undated 1 Glass plate negative
Box 9, Item 50	[Governor], undated 1 Glass plate negative
Box 9, Item 51	[Crosshead], undated 1 Glass plate negative
Box 9, Item 52	Unidentified, undated

	1 Glass plate negative
Box 9, Item 53	Exhaust Valve, undated 1 Glass plate negative
Box 9, Item 54	Unidentified, undated 1 Glass plate negative
Box 9, Item 55	Fix wheel, undated 1 Glass plate negative
Box 9, Item 56	Unidentified, undated 1 Glass plate negative
Box 9, Item 57	[Rice and Sargent Engine Company], undated 1 Glass plate negative
Box 9, Item 58	Unidentified, undated 1 Glass plate negative
Box 9, Item 59	Unidentified, undated 1 Glass plate negative
Box 9, Item 60	Unidentified, undated 1 Glass plate negative
Box 1 (Addenda)	Glass Negatives

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Folder 1 (Addenda) Addenda (Drawings)