



Smithsonian  
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## Guide to the Providence Engineering Works Records

NMAH.AC.1076

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## Collection Overview

<b>Repository:</b>	Archives Center, National Museum of American History
<b>Title:</b>	Providence Engineering Works Records
<b>Identifier:</b>	NMAH.AC.1076
<b>Date:</b>	1850-1933
<b>Extent:</b>	2.5 Cubic Feet (10 boxes, 1 map-folder)
<b>Creator:</b>	Providence Engineering Works Work and Industry, Division of, NMAH, SI Mechanical and Civil Engineering, Division of [former name], NMAH, SI.
<b>Language:</b>	English

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## 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

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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.

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## 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.

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## Arrangement

1 series.

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## 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:

Mechanical and Civil Engineering, Division of [former name], NMAH, SI.

Providence Steam Engine Company

Rice and Sargent Company

Work and Industry, Division of, NMAH, SI

Geographic Names:

Providence (RI)

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## 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 <i>1 Volume</i>
Box 3, Item 2	Order Book, 1883-04-1892-09 <i>1 Volume</i>
Box 3, Item 3	Order Book, 1894-08-1923-01 <i>1 Volume</i>
Box 4, Item 1	Order Book, 1895-11-1918-11 <i>1 Volume</i>
Box 4, Item 2	Miscellaneous orders, 1916-1930 <i>1 Volume</i>
Box 4, Item 3	Pattern List, 1890-1907 <i>1 Volume</i>
Box 5, Item 1	Parts Listing, undated <i>1 Volume</i>
Box 5, Item 2	Detailed Cost Record, 1892-09 <i>1 Volume</i>
Box 5, Item 3	Shipping Book, 1890-09 <i>1 Volume</i>
Box 10	Drawings List, 1898-1908 <i>1 Volume</i>
Box 10	Standard and Special Engine Details, 1881-1889 <i>1 Volume</i>

Map-folder 1	<i>Power</i> , 1895-04
Map-folder 1	<i>Power</i> , 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 <i>37 negatives</i>

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## Series 3: Glass Plate Negatives, undated

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

	<i>1 glass plate negative</i>
Box 9, Item 45	Pump, undated <i>1 glass plate negative</i>
Box 9, Item 46	[Rice and Sargent Corliss engine], undated <i>1 glass plate negative</i>
Box 9, Item 47	Unidentified, undated <i>1 glass plate negative</i>
Box 9, Item 48	Unidentified, undated <i>1 glass plate negative</i>
Box 9, Item 49	Unidentified, undated <i>1 glass plate negative</i>
Box 9, Item 50	[Governor], undated <i>1 glass plate negative</i>
Box 9, Item 51	[Crosshead], undated <i>1 glass plate negative</i>
Box 9, Item 52	Unidentified, undated <i>1 glass plate negative</i>
Box 9, Item 53	Exhaust Valve, undated <i>1 glass plate negative</i>
Box 9, Item 54	Unidentified, undated <i>1 glass plate negative</i>
Box 9, Item 55	Fix wheel, undated <i>1 glass plate negative</i>
Box 9, Item 56	Unidentified, undated <i>1 glass plate negative</i>
Box 9, Item 57	[Rice and Sargent Engine Company], undated <i>1 glass plate negative</i>
Box 9, Item 58	Unidentified, undated <i>1 glass plate negative</i>
Box 9, Item 59	Unidentified, undated <i>1 glass plate negative</i>
Box 9, Item 60	Unidentified, undated <i>1 glass plate negative</i>

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