



Smithsonian

National Museum of American History Kenneth E. Behring Center

Guide to the G. P. Herrick Collection

NMAH.AC.1058

NMAH Staff

Archives Center, National Museum of American History
P.O. Box 37012
Suite 1100, MRC 601
Washington, D.C. 20013-7012
Business Number: Phone: 202-633-3270
Fax Number: Fax: 202-786-2453
archivescenter@si.edu
<https://americanhistory.si.edu/archives>

Table of Contents

Collection Overview	
Administrative Information	1
Biographical Note	1
Scope and Contents	2
Arrangement	2
Names and Subjects	
Container Listing	

Collection Overview

Repository:	Archives Center, National Museum of American History
Title:	Gerardus P. Herrick Collection
Date:	1842-1912
Identifier:	NMAH.AC.1058
Creator:	Herrick, Gerard Post, 1873-1955
Source:	National Museum of American History (U.S.). Division of Work and Industry National Museum of American History (U.S.). Division of Mechanical and Civil Engineering
Extent:	0.3 Cubic feet (1 box)
Language:	Some materials in German.

Administrative Information

Immediate Source of Acquisition

Collection donated by Mrs. G. P. Herrick.

Ownership and Custodial History

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

Processing Information

Collection is unprocessed.

Preferred Citation

G. P. Herrick Collection, 1842-1912, Archives Center, National Museum of American History.

Restrictions

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

Terms Governing Use and Reproduction

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

Biographical Note

Gerardus Post Herrick, an attorney in New York City who turned inventor, graduated from Princeton in 1895. He improved the original design of the blast furnace, and later invented a rotary steam engine.

Scope and Contents

The collection documents Herrick's blast furnace and rotary steam engine business, including business correspondence, patent documents, drawings, machine operations data, and publications.

Arrangement

One series.

General Note

Originally M&CE #51. Duplicate SIRIS record, Bib. # 234612, deleted 4/24/08.

Names and Subject Terms

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

Subjects:

- Blast furnaces
- Rotary steam engines
- Steam-engines

Types of Materials:

- Brochures
- Clippings -- 20th century
- Correspondence -- 20th century
- Patents -- 20th century
- Photographs -- 20th century

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

Places:

- New York

Container Listing

Box 1, Folder 1	Pittsburgh Steel Business Trip Diary, 1904
Box 1, Folder 2	Blast furnace related work and patents, 1900-1909
Box 1, Folder 3	Blast furnace calculations and notes, undated
Box 1, Folder 4	Furnace invention papers, 1901-1905
Box 1, Folder 5	Blast furnace documents, 1902-1905
Box 1, Folder 6	Herrick Roto-Turbo Combination , 1910
Box 1, Folder 7	Herrick Engine Company Stockholders List, 1912
Box 1, Folder 8	Herrick Balanced Rotary Engine, 1909-1912
Box 2, Folder 1	Herrick Balanced Rotary Engine, newspapers and magazine clippings, 1910
Box 2, Folder 2	Carborundum Fires and A new Refractory, the Foundry, 1904 August
Box 2, Folder 3	Application of Dry-Blast to the Manufacturer of iron, iron and Steel Institute, 1904 October
Box 2, Folder 4	Gayley Dry Air Blast, Iron Age, 1906 March
Box 2, Folder 5	Blast Furnace (US Patent 2,558; Reissue 67), 1845
Box 2, Folder 6	Gas Furnaces (US Patent 150,811), 1874
Box 2, Folder 7	Improvement in Dust Traps for Smelting-Furnaces (US Patent 178,254) , 1876
Box 2, Folder 8	Dust Traps for Furnaces (US Patent 193,287), 1877
Box 2, Folder 9	Improvement in Dust-Traps for Furnaces (US Patent 193,787), 1877
Box 2, Folder 10	Spark Extinguisher and Smoke Purifier (US Patent 389,916), 1888
Box 2, Folder 11	Ore Roasting Furnace (US Patent 436,340), 1890
Box 2, Folder 12	Ore Roasting Furnace (US Patent 453,769), 1891
Box 2, Folder 13	Oxidizing Furnace (US Patent 534,517), 1895
Box 2, Folder 14	Roasting Furnace (US Patent 569,901), 1896

Box 2, Folder 15	Blast Furnace (US Patent 598,128), 1898
Box 2, Folder 16	Blast Furnace (US Patent 676,692), 1901
Box 2, Folder 17	Blast Furnace (US Patent 697,249), 1902 Notes: Inventor, Gerardus Post Herrick.
Box 3, Folder 1	Blast Furnaces (GB Patent 8082), 1902
Box 3, Folder 2	Blast Furnaces (CA Patent 82030), 1903
Box 3, Folder 3	Pitot meter chart giving cubic feet of gas per hour of uniform flow through a one inch pipeline , undated
Box 3, Folder 4	Herrick engine photographs, undated 2 Photographs