



Smithsonian

*National Museum of American History Kenneth E. Behring Center*

## William W. Brown Papers

NMAH.AC.0102

Robert Harding

1985

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>

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## Collection Overview

<b>Repository:</b>	Archives Center, National Museum of American History
<b>Title:</b>	William W. Brown Papers
<b>Date:</b>	1920-1950
<b>Identifier:</b>	NMAH.AC.0102
<b>Source:</b>	National Museum of American History (U.S.). Division of Electricity and Modern Physics
<b>Creator:</b>	Brown, William W., 1889-1980 (electrical engineer)
<b>Extent:</b>	2.66 Cubic feet (8 boxes)
<b>Language:</b>	English .

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## Administrative Information

### Acquisition Information

William W. Brown, Gift, circa 1974.

### Provenance

Collection transferred to the Archives Center from the Division of Electricity (now Division of Work and Industry), March 30, 1984.

### Processing Information

Collection processed by Robert Harding, 1985

### Preferred Citation

William W. Brown Papers, 1920-1950, Archives Center, National Museum of American History

### Restrictions

Collection is open for research.

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## Biographical Note

William W. Brown (November 11, 1889 - May 25, 1980), electrical engineer, specialized in low frequency transmitter and antenna systems design for the General Electric Company. After his retirement in 1956, he continued his activities in a consulting capacity.

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## Scope and Contents

35 binders of engineering drawings, correspondence, and charts concerning high frequency alternators, low and high frequency antenna systems, insulators, conductors, power transformers, cables, and vacuum tubes.

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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:

- Antennas (Electronics)
- Cables
- Electric conductors
- Electric generators -- Alternating current
- Electric insulators and insulation
- Electric transformers
- Electrical engineering
- Electrical engineers
- Vacuum-tubes

Types of Materials:

- Correspondence -- 1930-1950
- Drawings -- 1900-1950

Names:

- General Electric Company
- National Museum of American History (U.S.). Division of Electricity and Modern Physics

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## Container Listing

Box 1, Folder 2	Alexanderson Alternators, undated
Box 1, Folder 2A	Magnetic Amplifiers, undated
Box 1, Folder 2B	Transmitter System, undated
Box 1, Folder 2C	Frequency Multiplication, undated
Box 2, Folder 3	VLF Antennas, undated
Box 2, Folder 3A	Mountain Antennas, undated
Box 2, Folder 3B	Grand Resistance, undated
Box 2, Folder 3C	Broadcast Antennas, undated
Box 3, Folder 3D	Broadcast Antennas, undated
Box 3, Folder 3E	Directive MR Antennas, undated
Box 3, Folder 3F	Directive HF Antennas, undated
Box 3, Folder 3G	LF Antennas, undated
Box 3, Folder 3H	Criteria VLF Antennas, undated
Box 4, Folder 4	VLF Propagation, undated
Box 4, Folder 4A	VLF Propagation, undated
Box 4, Folder 4B	VLF Propagation, undated
Box 4, Folder 4C	VLF Propagation, undated
Box 4, Folder 4D	HF Propagation, undated
Box 5, Folder 5	Air Core Inductances, undated
Box 5, Folder 5A	Air Core Inductances, undated
Box 5, Folder 5B	Air Core Inductances, undated
Box 5, Folder 5C	Air Core Inductances, undated

Box 5, Folder 6	Capacitors, undated
Box 6, Folder 7	Insulators, undated
Box 6, Folder 7A	Insulator Design, undated
Box 6, Folder 7B	Insulations - Solids, undated
Box 6, Folder 7C	Insulations - Cases, undated
Box 7, Folder 8	Conductors AT RF, undated
Box 7, Folder 8A	Conductors RF Lines, undated
Box 7, Folder 8B	Conductors – Power Frequency, undated
Box 7, Folder 9	Cables, undated
Box 8, Folder 10	Vacuum Tubes, undated
Box 8, Folder 11	Power Transformers, undated
Box 8, Folder 12	Miscellaneous, undated