

# **Bowman-Moore Family Papers**

## **Mss.00979**

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December 05, 2014

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## Summary Information

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<b>Repository</b>	History Colorado. Stephen H. Hart Research Center
<b>Creator</b>	Bowman, Oliver, 1865-1942
<b>Creator</b>	Moore, Charles, 1913-1994
<b>Title</b>	Bowman-Moore Family Papers
<b>Date</b>	1919-1942
<b>Extent</b>	3.25 Linear feet
<b>Language</b>	English
<b>Archival Material</b> [Archival-Material]	3.25 lf
<b>Abstract</b>	<p>The collection includes news clippings, correspondence, contracts, patents, blueprints, and engineering investigations for both Oliver Bowman and Charles Moore. Bowman's work illustrates his work with coal-carbonization and energy production in partnership with the U.S. Bureau of Mines in Colorado and Heliopore Engineering. Moore's work gives breadth to Gates Rubber Corporation in Colorado through the development of rubber tires and their association with automobile accidents and weight bearing tires.</p>

### Preferred Citation note

Cite as: Bowman-Moore Family Papers (Mss.00979), History Colorado.

## Historical Note

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Oliver S. Bowman is the Step-Father-in-law to Charles Moore.

Oliver S. Bowman (1865-1942) was born in Missouri. In 1914 he moved to Colorado to pursue printing and farming. Soon after arriving he turned to engineering, founding Heliopore Engineering Laboratories in 1921. While working at Heliopore Engineering, Bowman turned his attention to coal-carbonization and energy production. Partnering with the U.S. Bureau of Mining, Bowman and the Bureau established a factory for coal-carbonization in Goldon, Colo. outside of Colorado School of Mines.

Charles O. Moore (1913-1994) was born in Eldorado Springs, Colo. He studied Chemical Engineering at the University of Colorado where he met and married Virginia Henderson (1915-1995). After college, Moore moved to Pennsylvania for work and soon after returned to Colorado to begin work with Gates Rubber Corporation. While with Gates Rubber, Moore developed and patented tire treads to prevent automobile accidents and weight bearing vehicles. In 1959, Moore moved to Ohio to work for Dayton Tire and Rubber Company. In 1961, Moore returned to Denver and Gates Corporation until his retirement.

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## Scope and Contents note

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The Bowman-Moore Family Papers illustrates the involvement of engineers in Colorado in the development of energy production and rubber tire manufacturing.

Items included in the collection are related to Oliver Bowman's Heliopore Engineering Laboratories and Charles Moore's career for Gates Rubber Corporation.

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## Administrative Information

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### Publication Information

History Colorado. Stephen H. Hart Research Center

### Conditions Governing Use note

Open to researchers without restrictions.

## **Provenance**

Majority of the collection was donated by Virginia Moore, wife of Charles Moore, in 1980. The other portion was donated by Cherry Moore, Dec. 23, 2013. She is the daughter of Charles O. Moore.

## **Processing Information note**

Processed by Haly Suby, September 2014.

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## **Controlled Access Headings**

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### **Corporate Name(s)**

- Gates Rubber Corporation.
- Heliopore Engineering Laboratories.
- Heliopore Engineering Laboratories.

### **Genre(s)**

- Blueprints.
- Contracts.
- Correspondence.
- Newspaper clippings.
- Patents.
- Reports

### **Geographic Name(s)**

- Colorado Springs (Colo.).
- Golden (Colo.)

### **Occupation(s)**

- Engineers.

**Personal Name(s)**

- Bowman, Oliver, 1865-1942
- Moore, Charles, 1913-1994
- Moore, Charles, 1913-1994

**Subject(s)**

- Coal--Carbonization.
- Tire testing
- U.S. Bureau of Mines

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**Accession number**

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Accession number for original donation is unknown. The accession number for the second donation is 2014. 36

## Collection Inventory

### **Series I Oliver S. Bowman 1898-1949 91.0 File folder(s)**

FF 1 Address Book 1924-1937

FF 2 General Correspondence 1933-1942

FF 3 J. Don Alexander 1930

FF 4 Martin Anderson 1939-1940

FF 5 Rex Bixby 1938-1941

FF 6 Jessie R. Bowman 1931-1932

FF 7 Senator Lynn J. Frazier 1918, 1934-1939

FF 8 Senator Lynn J. Frazier 1940-1949, N.d.

FF 9 O.H. Hayes 1929-1931

FF 10 A.D. Mclay 1928-1933

FF 11 A.J. O'Brien 1931

FF 12 Harry S. Thayer & G.F. Oberae 1926

FF 13 Hiram Vrooman 1931-1940

FF 14 Henry A. Wallace 1933-1942

FF 15 Bureau of Standards 1931

FF 16 Coal Carbonization 1934

FF 17 Coal Carbonization 1937-1938

FF 18 Coal Carbonization 1939

FF 19 Coal Carbonization 1940

FF 20 Heliopore Laboratories 1924-1926

FF 21 Heliopore Laboratories 1929-1931

FF 22 Heliopore Laboratories 1932-1933

FF 23 Heliopore Laboratories 1934

FF 24 Heliopore Laboratories 1937

FF 25 Heliopore Laboratories 1938



FF 26 Heliopore Laboratories 1939-1941

FF 27 Heliopore Reports 1924-1930

FF 28 Heliopore Reports 1931-1939

FF 29 Heliopore Reports N.d.

FF 30 Heliopore Reports N.d.

FF 31 Contracts 1920-1933

FF 32 Pulverized Lignite 1929

FF 33 Steam Boiler 1927-1939

FF 34 Purchase of Rhea & Co. 1933

FF 35 Programs & Conference Announcements 1936-1937

FF 36 Speeches & Statements 1930

FF 37 Administration Disputes 1937

FF 38 Administration Disputes 1938-1939

FF 39 Financial Records 1932-1938

FF 40 Requisitions 1939

FF 41 Specifications 1919

FF 42 Specifications 1939

FF 43 Drawings N.d.

FF 44 Heliopore Floor Brochure N.d.

FF 45 United Religious Press 1910-1911

FF 46 Manuscript Articles N.d.

FF 47 News Clippings-General 1933-1940

FF 48 News Clippings-Religious 1927-1940

FF 49 News Clippings-Weather 1931-1938

FF 50 Weather Forecasting-Correspondence 1931-1941

FF 51 Weather Forecasting- Charts, Maps 1931-1940

FF 52 Mineral Production 1935-1940

FF 53 National Home Building Program 1931

FF 54 Heliopore Research Institute 1940

FF 55 Administration Manual 1930

FF 56 Patent Notebook [1919]

FF 57 Drawings & Spec. Drafts N.d.

FF 58 Blueprints 1922-1939

FF 59 Blueprints N.d.

FF 60 Triune Heat Equipment 1923

FF 61 Window Nov. 4, 1924

FF 62 Floor Construction 1924-1925

FF 63 Farm Implement Jan. 13, 1925

FF 64 Heat Equipment Feb. 10, 1925

FF 65 Rotary Steam Engine March 10, 1925

FF 66 Heat Recovering Device March 24, 1925

FF 67 Forming Machine 1924-1925

FF 68 Spacing & Aligning Device Oct. 12, 1926

FF 69 Verticle Fire Tube Boilier April 19, 1927

FF 70 Ash Handling Equipment April 19, 1927

FF 71 Resilient Hard Surface Floor 1931

FF 72 Heat Equipment July 7, 1931

FF 73 Fireproof Floor Construction Feb. 9, 1932

FF 74 Coal Carbonizer May 10, 1932

FF 75 Grate Structure March 14, 1933

FF 76 Furnace for Coal Combustion Feb. 20, 1940

FF 70 Ash Handling Equipment April 19, 1927

FF 77 Coal Carbonization: Canada April 27, 1926

FF 78 Hot Water & Cooling: Canada April 27, 1926

FF 79 Window Construction: Canada June 29, 1926

FF 80 Floor Construction: Canada July 20, 1926

Charles O. Moore

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FF 81 Rotary Steam Engine: Canada Oct. 4, 1927

FF 82 Vertical Return Draft Fire Tube Boiler: Canada Feb. 7, 1928

FF 83 U.S. Patent Department 1919

FF 84 Producer Gas Power Plant Jan. 21, 1921

FF 85 Steam Generator Jan. 21, 1921

FF 86 Power Plants 1921

FF 87 U.S. Letters Patent 1893-1925

FF 88 U.S. Letters Patent 1926-1940

FF 89 Copies of Letters Patent 1924-1925

FF 90 Canadian Letters Patent 1926-1928

FF 91 Misc. Patent 1898-1936

**Series II Charles O. Moore 1947-1988 13.0 File folder(s)**

FF 92 Biography N.d.

FF 93 Resume 1987-1988, N.d.

**Gates Rubber**

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FF 94 Photographs-Portraits & Events N.d.

FF 95 Registration for Professional Engineers April 1, 1964

FF 96 American Chemical Society- Certificate Jan. 1, 1988

**Gates Rubber 1948-1976**

FF 97 Plant Tour Jan. 1967

FF 98 Statement of Invention 1956-1964

FF 99 Affidavite April 11, 1952, Jan. 31, 1955

FF 100 Charts July 6, 1948, Aug. 1, 1958, Oct. 28, 1963

FF 101 News Clippings & Publications 1949, N.d

FF 102 Correspondence May 15, 1956, Nov. 30, 1976

FF 103 Drill Pipe Wipers June 1947

FF 104 Dayton Rubber-Correspondence Nov. 21, 1958, Jan. 26, 1961