

UNIVERSITY of PENNSYLVANIA



The University Archives
and Records Center

A Brief Guide to the
George Frederick Barker, 1835 – 1910,
Papers, ca. 1870 - 1900

1 Cubic ft.

UPT 50 B255

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PROVENANCE

The George F. Barker Papers were in the possession Dr. Horace G. Richards. After Dr. Richard's death they were presented by his widow to the University Archives, with the exception of the text book "Physics: Advanced Course" which was transferred to Professor T.D. Cope. After Professor Cope's dath, this was also transferred to the Archives to be retained with the Barker papers.

ARRANGEMENT

Within each folder, the material is arranged chronologically. Undated pieces are in the front of the folder.

BIOGRAPHICAL NOTE

George Frederick Barker began his career as a chemist, wrote at least two textbooks on chemistry, but then his interest shifted to physics. He knew of telephone, telegraph, and light bulb research. He was aware of and interested in the calculations of the transit of Venus. His own special interest was in spectroscopy. He was involved as an "expert" in court cases and in litigation about patents. He was also active as a public lecturer. He taught chemistry and later physics at the University of Pennsylvania, and was connected with the Franklin Institute and a member of the American Chemical Society.

SCOPE AND CONTENT

In addition to letters, the collection contains Barker's own annotated copy of "Barker's Physics."

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INVENTORY

Preliminary inventory, March 1971, by Lorelei Halley.

Box 1 American Chemical Society
 Brewer, William H.
 Centennial (1876). See also Koenig, Scientific Supplies 1876
 Chemistry, Book on--Correspondence
 Court Cases and Patents--See also Morton and Gray
 Department Business and Franklin Institute
 Edison, Thomas A.
 Exhibitions
 Experiments, Observations, Scientific Discussions
 Franklin Institute--See Department Business
 Gray, Elisha'
 Invitations to receptions, etc.
 Job Opportunities--Inquiries, Discussions
 Koenig, Rudolph
 Langley, Samuel Pierpont
 Lectures by Barker, texts and correspondence
 Lectures requested by Barker

**George Frederick Barker Papers
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Inventory**

Box 1 Morton, Henry
Papers and Publications of Barker's--responses, requests for reviews
Patents--See Court Cases
Personal Correspondence and Miscellaneous
Recommendations--requests, "thank you"s, letters of introduction
Rowland, H. A. Scientific Apparatus--discussions of
Scientific Apparatus and Publications--procurement: 1871-1880, 1881-1890,
1891-1900
Scientific Discussions and Observations--See Experiments
Teaching