

# CHARLES MARTIN HALL COLLECTION

## INVENTORY

### Series I. Biographical

#### Box 1

Memorial Tributes and Obituary Notices, 1914-15 (3 f)  
Last Will and Testament/Estate Material, 1915-82 (2 f)  
Physical Description furnished by Julia B. Hall, n.d.  
Biographical Reminiscences, 1930-62 (3 f)  
Oberlin College Class Letters (copies), 1886-1914  
Oberlin Grade Report (copy), 1885  
Perkins Medal Acceptance Speech (copy), 1911  
"The Cavalcade of America: The Metals of the Moon," 1951  
National Inventor's Hall of Fame, 1976 (2 f)  
(Certificate is in oversize box SG VI, Box 2)  
Articles and Newspaper Clippings, 1889-1981 (2 f)  
Miscellaneous Material (2 f)

### Series II. Correspondence

#### Subseries I. Original Correspondence

#### Box 1

Family Correspondence, 1882-1909 (13 f)  
Charles M. Hall to A.E. Hunt, 1895-1899  
Other Individuals, 1888-1889

#### Subseries II. Other Writings

#### Box 1 (cont'd)

Descriptions of Inventions, 1884  
"Advantages of Hall Process," ca. 1888  
Laboratory Notations, 1890  
Memo to Moritz (copy), 1913

#### Subseries III. Transcriptions

#### Box 2

Transcriptions, by Junius D. Edwards, 1936 (2 f)

**Series III. Patents**

**Subseries I. United States Patents**

Box 1

List of U.S. Patents Granted to C.M. Hall  
400,664 The Process of Reducing Aluminum From Its Fluoride Salts By Electrolysis, 1889  
400,664 Specification Changes, 1887  
400,665 The Manufacture of Aluminum, 1889  
400,666 Process of Electrolyzing Crude Salts of Aluminum, 1889  
400,667 Process of Electrolyzing Fused Salts of Aluminum, 1889  
400,766 Process of Reducing Aluminum By Electrolysis, 1889 [copy of original] (see oversize box for 13" x 18" copy for display purposes)  
570,014 Metallic Alloy Or Compound And Process Of Producing Same, 1896  
575,110 Manufacture Of Steel, 1897  
663,167 Method Of Making Alumina, 1900  
677,207 Process of Purifying Bauxite, 1901  
677,208 Processes of Purifying Bauxite, 1901  
677,209 Purified Crystal Alumina, 1901  
678,732 Processes of Purifying Bauxite, 1901  
701,718 Paint Pigment, 1902 [no original]  
705,076 Manufacture of Carbon Electrodes, 1902  
706,553 Process of Manufacturing Alumina, 1902  
733,389 Process of Removing Silica From Coke, 1903  
763,665 Explosive Compound, 1904  
763,666 Explosive Compound, 1904  
796,325 Stopper For Electrolytic Pots Containing Fused Baths, 1905  
921,609 Processes of Making Alumina, 1909  
1,282,222 Method of Treating Aluminous Materials of High Silica Content, 1918  
"The Process of and Apparatus for the Manufacture of Aluminum" 1888  
Patent Agreements and Transfers, c.18 88  
Letters of Rejection, 1894

**Subseries II. Foreign Patents**

Box 2

List of Foreign Patents Granted to C.M. Hall  
Austria, 1901-03  
Canada, 1889-1902  
Denmark, 1898  
France and Belgium, 1900-02 (6 f)

**Series III. Patents (cont'd)**

**Subseries II. Foreign Patents (cont'd)**

Box 2 (cont'd)

Germany, 1902-03 (2 folders)  
Great Britain, 1889-1902 (2 f)  
Italy, 1889-91  
Russia, 1889-91  
Sweden, 1889-91  
Switzerland, 1889  
Miscellaneous Translations

**Series IV. Litigation: Heroult Interference Case**

Box 1

Testimony of Charles M. Hall (typescript), 1887  
Testimony of Charles M. Hall (printed,) 1887  
Deposition of Julia B. Hall, 1887  
"Copie du Brevet Heroult," 1886  
Record of Proceedings, 1888  
Contents of 400,766 Patent File, 1889  
Patent Appeal Docket, Court of Appeals, 1893  
General Reference File, n.d.

**Series V. Litigation: Cowles Electric Smelting and Aluminum Co.**

**Subseries I. Correspondence**

Box 1

Correspondence, 1890-1909 (9 f)

**Subseries II. Evidence and Exhibits**

Box 2

Agreements, 1887-1893 (6 f)  
Affidavits, 1889-1894 (5 f)  
Detectives Report (On Cowles Operations), 1891  
Record of Complainant's Experiments, 1891  
Record of Defendant's Experiments, 1891  
Cowles Advertisements, 1891  
Cowles Patents, 1885-1887

**Series V. Litigation: Cowles Electric Smelting and Aluminum Co.  
(cont'd)**

**Subseries II. Evidence and Exhibits (cont.)**

Box 2 (cont.)

Bradley Patents, 1886-1892 (5 f)  
Bradley Patents, (Bound Volume), ca.1894  
(Langley Patents, Misc. Advertisements, 1893-1895 are located in Sub-  
group VI, box 2 oversize)

**Subseries III. Miscellaneous Records**

Box 3

Abstracts from Cowles Co. Invoice Books, 1891-92  
Power of Attorney Documents for W.S. Sample, 1892  
Notes Taken at Trial by A.E. Hunt, 1892  
List of References Looked Up by G.H. Clapp, 1897  
Bound Miscellaneous Documents, ca. 1891-1892 (2 v)

Box 4

Miscellaneous Documents, ca. 1891-1893  
Miscellaneous Stenographic Reports, ca. 1891-1893 (4 f)  
Empty Jackets and Envelopes, n.d.

**Subseries IV. Printed Court Record**

Box 5

Preliminary Injunction proceedings, 1891  
Complainant's Record (Aluminum Case Vol. I), 1891-1892  
Complainant's Record (Aluminum Case Vol. II), 1892  
Defendant's Record (C.M. Hall Personal Annotated Copy), 1891-1892

Box 6

Defendant's Record, 1891-1892  
Brief of Complainant, 1892  
Complainant's Testimony Proceedings Before the Master, 1893  
Complainant's Record, 1893

Box 7

Opinion of the Court, by Judge W. H. Taft, 1893  
Decree Upholding Infringement, 1893

**CHARLES MARTIN HALL COLLECTION**

**Series V. Litigation: Cowles Electric Smelting and Aluminum Co.  
(cont'd)**

**Subseries IV. Printed Court Record (cont'd)**

Box 7 (cont.)

"Brief for Complainant sur Defendant's Motion to stay Injunction and Fix  
Supersedeas Bond, Pending Appeal," ca. 1893  
Opinion on Motion to Reopen Case, 1894  
Motion for Rehearing, 1894  
Complainant's Exhibits, ca. 1895  
Special Master's Report, 1900  
Defendant's Exhibit, "File Wrapper and Contents of Hall's Patent in Suit,"  
c. 1893

[Boxes 8-12 contain duplicate printed works which are located at the end  
of the collection.]

Box 8

Duplicate Copies of Preliminary Injunctions and Defendant's Record

Box 9

Duplicate Copies of Complainant's Record, Volume I

Box 10

Duplicate Copies of Complainant's Record, Volume II

Box 11

Duplicate Copies of Complainant's Brief

Box 12

Duplicate Copies of Taft's Opinion, and Miscellaneous Fragments

**Series VI. Laboratory Notebooks**

Box 1

"Record of Analysis [New] Kensington Works," 1888-97

Box 2 (oversize)

"Upper and Lower Niagara Works," 1897 [oversize]

Box 4

New Kensington Works, 1897-98

## CHARLES MARTIN HALL COLLECTION

### Series VI. Laboratory Notebooks

#### Box 4 (cont.)

"Pittsburgh Reduction Company, Kensington Works Laboratory," 1899  
"The Pittsburgh Reduction Company, Kensington Works  
Testing Laboratory," 1900-01  
Laboratory Record, [no location], 1900-04

#### Box 3

Laboratory Record, 1904-05  
Cement Tests, 1904-05  
Formulae and Conversions, c. 1905  
Laboratory Record, 1906-10  
Laboratory Notebook, 1910-12

### Series VII. Prints and Photographs

#### Box 1

Charles Martin Hall (2 prints, 17 photographs)  
Hall Family (21 images)  
Hall Home in Oberlin, Ohio (10 images)  
Guiseppe Morretti Statue (16 images)  
Miscellaneous (18 images)

### Series VIII. Published Works and Memorabilia

#### Box 1

Chemischen Technologie, by Dr. Ferdinand Fischer, 1890  
Elektro-Metallurgie, by Dr. W. Borchers, 1891  
The Golden Censer, by John McGovern, 1894  
Replies to Tariff Inquiries, 1894  
Allen Memorial Art Museum Bulletin (Oriental Rugs), 1978-1979  
Oriental Rug Insurance Policy, 1913  
Miscellaneous Memorabilia

### Series IX. Miscellaneous documents collected by the OCA related to Charles Martin Hall

Letters and other items: From Prof. Norman Craig  
Copies at Case Western Reserve (2f)  
Legal Papers from Lorain County Court of Common Pleas

## CHARLES MARTIN HALL COLLECTION

### **Series IX. Miscellaneous documents collected by the OCA related to Charles Martin Hall (cont.)**

Legal Papers from Surrogates' Court, Lockport, N.Y.

Legal Papers from O.C. Archives sources

Information re: Harvard-yenching & other beneficiaries

Information re: Papers at Alcoa

Letters to Classmates, 1886-1914

Items copied from Alcoa folders brought here: not on microfilm (2f)

Patent Office Interference, 1887 2. Agreements

[Alcoa sent copy to Norman Craig - he sent it to Archives, see also  
microfilm re: patents]

Louie Alice Hall: Will

**\*\*Restricted box at end of collection containing original letters\*\***