Overview of the Collection
Title: Samuel G. Hibben Papers
Dates (inclusive): 1905-1971
Bulk dates: 1950-1957
Collection Number: mssHibben
Extent: 502 items.
Repository: The Huntington Library, Art Collections, and Botanical Gardens. Manuscripts Department
1151 Oxford Road
San Marino, California 91108
Phone: (626) 405-2129
Email: reference@huntington.org
URL: http://www.huntington.org
Abstract: This collection contains the papers of Samuel G. Hibben (1888-1972), Director of Applied Lighting with the Westinghouse Corporation. The bulk of the collection dates from the 1950s and consists of articles.
Language: English.
Access
Open to qualified researchers by prior application through the Reader Services Department. For more information, contact Reader Services.
Publication Rights
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Preferred Citation
Provenance
Acquired as part of the Burndy Library Collection, Gift of Dibner Family, 2006, November.
Biographical Note
Samuel Galloway Hibben (1888-1972) was a pioneer in the field of applied electrical lighting. During his tenure as Director of Applied Lighting with the Westinghouse Corporation, Hibben was noted for redesigning the illumination of the Statue of Liberty, the Washington Monument, and the interior of the White House. He also published and lectured extensively to educate the public on the importance of proper illumination, and proposed the idea of the “brown-out”, a reduction of electrical illumination for homes and businesses as a safety measure during times of war that did not require complete darkness. Hibben was also involved with many national and international lighting committees, and contributed much time and effort to the preservation the history of the lighting industry through the Electrical Historical Foundation. In 2006, Hibben was named one of the most distinguished designers in the lighting field by the Illuminating Engineering Society (IES).
Scope and Content
The Samuel G. Hibben collection is divided into four sections: articles, photographs, correspondence, and ephemera. The bulk of the collection consists of articles, both handwritten and printed, and most written by Hibben. The rest are lighting-related articles kept by Hibben, sent to him by colleagues or through the Westinghouse Company. These articles are arranged alphabetically by title, in Boxes 1-3. Box 4 contains articles specifically related to projects in which Hibben was involved, such as the lighting of the Statue of Liberty or the 1939 New York World’s Fair, and committees he was a part of, such as the Electrical Historical Foundation.
Box 5 contains miscellaneous unattributed articles, and photographs, mostly of the 1939 New York World’s Fair, the White House, and various landmarks being lit at night.
Box 6 contains correspondence, arranged by date, most being either written by Hibben or directed to his attention. The majority of this correspondence relates to various electrical committees.
Box 7 consists of ephemera, and includes photographic negatives, diagram sketches, and blueprints.
Arrangement
Arranged in the following order:

- Articles and lectures by Hibben (Boxes 1-3)
- Miscellaneous articles (Boxes 4-5)
- Photographs (Box 5)
- Correspondence (Box 6)
- Ephemera, photographs, drawings, diagrams (Box 7)

Indexing Terms
The following terms have been used to index the description of this collection in the Huntington Library’s Online Catalog.

Subjects
Black, Fischer.
Dibner, Bern.
Lincoln, E. S. (Edwin Stoddard), 1885-
Electrical Historical Foundation.
Westinghouse Electric & Manufacturing Company, Westinghouse Lamp Division.
New York World's Fair (1939-1940)
Electric industries -- United States -- History -- 20th century -- Sources.
Electric lamp industry -- United States -- History -- 20th century -- Sources.
Electric light fixtures -- United States -- History -- 20th century -- Sources.
Electric lighting -- United States -- History -- 20th century -- Sources.
Electric power -- United States -- History -- 20th century -- Sources.
France -- Buildings, structures, etc. -- History -- 20th century -- Sources.
New York (State) -- History -- 19th century -- Sources.
Statue of Liberty (New York, NY) -- History -- 20th century -- Sources.
Washington (D.C.) -- History -- 20th century -- Sources.
White House (Washington, D.C.) -- Facilities -- 20th century -- Sources.

Forms/Genres
Manuscripts.

Additional Contributors
Burndy Library, former owner.

Articles and lectures by Hibben
Boxes 1-3 contain articles and lectures by Hibben, mostly typescripts. Alphabetical by title.
Undated unless stated otherwise.

Box 1
Folder 1 Articles, A-H
Folder 2 Applying the Handbook of Interior Wiring Design to Residential Wiring.
Folder 3 Artificial Sunlight and its Proper Uses. With Ambrose B. McKenna.
Folder 4 As Accurate as a Fine Watch: The Mazda Incandescent Lamp, a Product of High Integrity
Folder 5 Behind the Veil of Ultra-Violet.
Folder 6 Better Eyesight - Stronger Defense. Includes printed copy.
Folder 7 Better Light - Better Sight - Better Life.
Folder 8 Black Light and White Magic.
Folder 9 Bolstering the Spirit of Buying.
Folder 10 Cashing in on Residence Lighting.
Folder 11 Chemical Uses of Certain Waves of Light.
Folder 12 Choose Your Weapons.
Folder 12  Civilian Protection Cannot Await the Beginning of War: It Should Be Accepted as a Long-Range Continuing Program. Highlights of an address before the Conference on Plant Protection.

Folder 13  Comments on Lighting.

Folder 14  Controlling Bacteria and Fungi by Ultra-Violet Radiation - An Expanding Service of Electricity With P.W. Blackburn.

Folder 15  The Cost of Neglected Maintenance. (1933, Feb. 8-9.)

Folder 16  The Dawn of glareless Street Lighting? or, Beginning Ornamental Street Lighting with Sodium Lamps, or, Sodium Vapor Lamps at Port Jervis, New York.

Folder 17  Decorative Lighting for the 1935 Shrine Convention. 3 copies.

Folder 18  The Development of Globes for Office Lighting.

Folder 19  Development of the Incandescent Lamp. Copy.

Folder 20  Dim-Out but not Dim-In: Better Lighting to Decrease Accidents, A Vital Part of the Manpower Conservation Program.

Folder 21  Diving Lamps and Under Water Lighting. 2 copies. One copy labeled Draft. (1942, Oct. 30.)

Folder 22  Don’ts for Lighting Equipment.

Folder 23  Draft of Questions and Answers on Highway Lighting. (1937, Mar. 30.)


Folder 25  The Efficient Daytime Lighting of Industrial Plants.

Folder 26  Emergency Lighting and Blackout Precautions. 2 copies. One copy includes seven photo caption cards. (1941, March)

Folder 27  Evaluating Vision. (1943, Sept. 24.)

Folder 28  The Expanding Horizons of Lighting.

Folder 29  Experiences with the Dimout. From an address presented at the Wartime Lighting Conference, Cincinnati, OH. 2 copies, 1 printed. (1943, Jan. 29)

Folder 30  Feeling the Fluorescent Pulse.

Folder 31  Fifty Years of Home Lighting.

Folder 32  Finding Dollars with Fluorescent Lighting.

Folder 33  The First Lighting Specification, or, The Story of the Lighting of the White House. 3 copies. One typescript, one photocopy, and one bound copy with photographs.

Folder 34  Fishing with New Bait: True or Otherwise.


Folder 36  Getting Acquainted with Fluorescent Lamps Parts I, II, III. Part I dated April 1941.

Folder 37  Glassware for Street Lighting.

Folder 38  Good Light – An Oil for Human Machines.

Folder 39  Greenhouse Lighting Installations to Hasten Plant Growth.

Folder 40  High-Lights of Tomorrow’s Home Lighting.

Folder 41  Highlights on Blackouts.

Folder 42  Historical Lamp Collection of the Duro Test Corporation. 2 copies, one with notes and corrections.

Folder 43  Home Lighting - A Business Investment Paying Dividends in Health and Smiles.

Folder 44  The Hopes of Post-War Light Sources. Includes printed issue of “The Frontier” (June 1945), which contains printed version of article.

Folder 45  How Dark? or, An Appraisal of the Dim-Outs. 2 copies, one with notes and corrections.

Folder 46  How I Would Light a Church.

Folder 47  How Illuminants are Born. Reprinted from the Journal of the Franklin Institute. (1945, May)

Folder 48  How Illumination Service Promulgates Ornamental Street Lighting.

Folder 49  How Light and Darkness May Aid in Winning the War. 3 copies, one with handwritten notes and dated (1942, Feb. 9).

Folder 50  How Long Should a Lamp Live. 2 copies.

Folder 51  How New York World’s Fair Exhibitors Use Light.

Box 2  Articles, I-R

Folder 1  Illuminating Engineering in Space.
<table>
<thead>
<tr>
<th>Folder</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Folder 2</td>
<td>Illuminating Glassware: Its Recent Terminology and Standardization.</td>
</tr>
<tr>
<td>Folder 3</td>
<td>Illumination in the Arts: A Demonstration Lecture.</td>
</tr>
<tr>
<td>Folder 4</td>
<td>Influence of Colored Light on Plant Growth. Includes five graphs.</td>
</tr>
<tr>
<td>Folder 5</td>
<td>Interior Lighting Aboard Ships. 1931. 3 copies: two printed, and one with handwritten notes and corrections.</td>
</tr>
<tr>
<td>Folder 6</td>
<td>It Can't Be Done – But Here It Is!</td>
</tr>
<tr>
<td>Folder 7</td>
<td>It Pays To Know Your Lamps! Printed.</td>
</tr>
<tr>
<td>Folder 8</td>
<td>Life's Windows. Radio talk. 2 copies, one with Addenda.</td>
</tr>
<tr>
<td>Folder 9</td>
<td>Light Barrage Versus Blackout. 2 copies.</td>
</tr>
<tr>
<td>Folder 10</td>
<td>Light Shows the Way to New Beauty - And to New Business.</td>
</tr>
<tr>
<td>Folder 11</td>
<td>Light - The Magic Servant of the Future. (1940, Jan. 25.)</td>
</tr>
<tr>
<td>Folder 12</td>
<td>Light Through the Ages. Printed pamphlet, 1935.</td>
</tr>
<tr>
<td>Folder 13</td>
<td>Lighting: A Century of Progress. Westinghouse Lamp Company Lighting Service News 54. (1933, October 1.)</td>
</tr>
<tr>
<td>Folder 14</td>
<td>Lighting and Artificial Illumination. Printed. Includes printed pages with captions, and a booklet titled “Encyclopaedia Brittanica Contributors’ Guide.”</td>
</tr>
<tr>
<td>Folder 15</td>
<td>Lighting Applications in Connection With Operations of the Civil Defense Administration. (1951, Mar. 1.) 2 copies.</td>
</tr>
<tr>
<td>Folder 16</td>
<td>Lighting as a Production Tool.</td>
</tr>
<tr>
<td>Folder 17</td>
<td>Lighting Coal Mines for Safety. Incomplete.</td>
</tr>
<tr>
<td>Folder 18</td>
<td>The Lighting of Coal Mines and Mining Properties. Lecture. Includes one-page outline.</td>
</tr>
<tr>
<td>Folder 19</td>
<td>The Lighting of the Statue of Liberty. With handwritten notes and corrections.</td>
</tr>
<tr>
<td>Folder 20</td>
<td>Lighting - Old and New.</td>
</tr>
<tr>
<td>Folder 21</td>
<td>Lighting the Unknown Spaces.</td>
</tr>
<tr>
<td>Folder 22</td>
<td>Little Game Hunting.</td>
</tr>
<tr>
<td>Folder 23</td>
<td>Looking Forward.</td>
</tr>
<tr>
<td>Folder 24</td>
<td>Luminescent Materials - Aids to Tomorrow's Safety.</td>
</tr>
<tr>
<td>Folder 25</td>
<td>Making Light for the Fair.</td>
</tr>
<tr>
<td>Folder 26</td>
<td>Making Light for Tomorrow. 2 copies. One copy with handwritten corrections and previously titled “Making Light for the Fair” (see Box 2, Folder 24).</td>
</tr>
<tr>
<td>Folder 28</td>
<td>Mechanical Lightning Bugs.</td>
</tr>
<tr>
<td>Folder 29</td>
<td>Memo on Historical Museum - Illuminants. (1957.)</td>
</tr>
<tr>
<td>Folder 30</td>
<td>Memo on Possible Uses of Lamps and Similar Radiators in Plant Growth and Animal Husbandry.</td>
</tr>
<tr>
<td>Folder 31</td>
<td>Metallic Vapor Lamps Well Rooted. 2 copies.</td>
</tr>
<tr>
<td>Folder 32</td>
<td>New Ideas for Lighting Sales. (1940, Mar. 8.)</td>
</tr>
<tr>
<td>Folder 33</td>
<td>New Methods of Showing Photometric Data.</td>
</tr>
<tr>
<td>Folder 34</td>
<td>New Wrinkles in Lighting. 2 copies.</td>
</tr>
<tr>
<td>Folder 35</td>
<td>Notes on Black Light for Fluorescent Effects in Carpeting, Etc.</td>
</tr>
<tr>
<td>Folder 36</td>
<td>Notes on Lighting Progress in Europe. (1945, Aug. 13.)</td>
</tr>
<tr>
<td>Folder 37</td>
<td>Notes on Ornamental Tungsten Lighting - How “It Has Been Done” in Various Instances. (1912, June 1.) With Alan Bright. Some handwritten corrections.</td>
</tr>
<tr>
<td>Folder 38</td>
<td>Notes on the Present Status of Fluorescent Mazda Lamps: A Summary of the Commercial Features, Promotion and Proper Usage. (1939, Feb. 10.)</td>
</tr>
<tr>
<td>Folder 39</td>
<td>Only the Rich Can Afford to Burn Candles: A Light Story.</td>
</tr>
<tr>
<td>Folder 40</td>
<td>Outlines on Light Sources in Countries Outside the U.S.A. Includes six pages of drawings.</td>
</tr>
<tr>
<td>Folder 41</td>
<td>Pageant Street Lighting. 1923. Printed.</td>
</tr>
<tr>
<td>Folder 42</td>
<td>Peculiar Kinds of Light Will Extend Human Life. Summary of talk by Hibben.</td>
</tr>
<tr>
<td>Folder 43</td>
<td>Planning for Airplane Traffic. [1926?]</td>
</tr>
<tr>
<td>Folder 44</td>
<td>Post-War Lamps and Lighting. (19-?, March 21.)</td>
</tr>
<tr>
<td>Folder 45</td>
<td>Preventing Wastes in Office Lighting.</td>
</tr>
<tr>
<td>Folder 46</td>
<td>Productive Lighting in Industry.</td>
</tr>
<tr>
<td>Folder 47</td>
<td>Progress in Light Sources.</td>
</tr>
<tr>
<td>Folder 48</td>
<td>The Pulling Power of Light.</td>
</tr>
<tr>
<td>Folder 49</td>
<td>Random Notes on Theatre Lighting.</td>
</tr>
</tbody>
</table>
Folder 50  Recent Developments in the Use of Artificial Light on Poultry Farms.
Folder 51  The Renaissance of Floodlighting.
Box 3  Articles, S-Z
Folder 1  The Safety Features of Industrial Lighting. 2 copies.
Folder 2  Sawyer and Man. (1930, Feb. 5.)
Folder 3  Semi-Direct Lighting. ([19]12, April 13.) With handwritten corrections. Includes 
two graphs and one drawing.
Folder 4  The Simple Story of the Sterilamp.
Folder 5  Simplification and Standardization of Lighting Facilities as a Defense Measure and 
for Permanent Benefits. 1941, Sept. 4. Lecture given at Municipal Electric Utilities 
Convention. 2 copies, one a condensed summary of lecture.
Folder 6  The Simplification Program for Incandescent Lamps.
Folder 7  Solving the Unique Problems of Ship and Dock Lighting. Subtitled “Material for 
Folder 8  Some Light Reflecting Properties of Flowers and Foliage. Includes 14 pages with 
photographs, with captions partly written in French.
Folder 9  Some Out of the Ordinary Applications of Industrial Lighting.
Folder 10  Some Special Features of Mill Lighting. 2 copies.
Folder 12  The Story of Mazda. 2 copies. One with handwritten corrections, and one page of 
handwritten notes, and one on Westinghouse Companies letterhead stationery 
and designated “Bureau Letter #38.”
Folder 13  Street and Highway Lighting - “The Forgotten Man” of the Industry.
Folder 14  Street Lighting From a New Viewpoint.
Folder 15  A Study of the Brightness of Windows. (1943, July 12.)
Folder 16  Suggested Applications of “Black Light” in Medical Diagnoses.
Folder 17  A Summary of Recent Developments in Lighting - Report of I.E.S. Committee on 
Folder 18  Surveys of Lighting and Voltage in the Steel Industry. 2 copies, one reprinted 
from “Iron and Steel Engineer”, (1929, July)
Folder 20  The Ten Commandments in Answer to Mr. & Mrs. Citizen’s Request for the Simple 
Fundamentals By Which to Judge the Electrical Service Adequacy of the Home 
They Build, Buy, or Rent.
Folder 21  Thrombosis of the Wiring Arteries. With handwritten notes and corrections. 
Includes two-page memo with handwritten notes. (19-?, Aug. 24.)
Folder 22  Tomorrow’s Lighting is Your Business. (1944, May 22.) Address before the War 
Conference of the National Electrical Wholesalers Association, Santa Barbara, CA. 
2 copies, one with handwritten notes and corrections.
Folder 23  Trapping Fish with Light in Bermuda.
Folder 24  Trapping Insects with Light. Includes one drawing.
20.) 2 copies, one dated.
Folder 26  Trends in Illumination.
Folder 27  Twelve Major Light-Source Achievements of 1952. [1952]. With handwritten notes.
Folder 28  Ultraviolet Lamps and Their Applications.
Folder 29  Unique Lighting Tools for Tomorrow’s Jobs. 3 copies.
Folder 30  The Westinghouse-Henderson Electric Light Plant Growth Experiments.
Folder 31  What About Highway Lighting?
Folder 32  What Constitutes an Electrified Home.
Folder 33  What is Light.
Folder 34  What We Know About Growing Plants Under Artificial Light.
Folder 36  Wiring Has Not Grown Up.
Folder 37  “Your Future is Here.” (1953, Oct. 18-21.) 2 copies. Outline of address to the 
Conference for Connecticut’s Industrial Leaders.

Miscellaneous articles and Photographs
Box 4

Miscellaneous articles.

including project-related and committee-related articles; some by Hibben. Undated unless specified otherwise.

Folder 1
Data on Shrine Convention. 1 page.

Folder 2
Materials relating to the State of Liberty Lighting Project. Included are “General Story of the Statue and its History” (1p, 2 copies), “Lamps for Statue” (2p), “Memo on Suggested Equipment for Statue of Liberty” (1p), “Miss Liberty, Her Story” (9p), Westinghouse Company press release (27 December 1944) “Doubled Floodlight Intensity to Renew Miss Liberty’s Youth” (3p; handwritten notes on verso of final page). Also included are two Statue of Liberty boat passes, a pamphlet titled “Statue of Liberty National Monument”, and a requisition form from Westinghouse Company to Cleveland Works for material to be used in the torch lighting (1945, March 23).

Folder 3
Materials related to the New York World’s Fair, 1939. Included are a lecture by Ernest L. Foss on General Motors, 1939, May 18 (typescript, 25 pgs), and a text of the script for the Sound Chair Tour at the General Motors “Highways and Horizons” exhibit (typescript, 8 pgs).

Folder 4
“Spectacle of Light”, article concerning Hibben’s exhibit at the World’s Fair, New York, 1939. Printed excerpt from unknown publication. 4 pages.

Folder 5

Folder 6
Materials relating to the Electrical Historical Foundation. Included are minutes from meetings (1957), two typescripts describing the purpose and object of the Foundation, a letter from E.S. Lincoln to Fischer Black dated June 20, 1957, with an attached list of electrical equipment (2 copies), a typescript titled “Suggested Program – 1958”, a printed pamphlet titled “Electrical Historical Foundation: Formation, Aims, Plans” (4 copies), and an invoice for a banquet event held at the Waldorf-Astoria in New York City.

Folder 7
Typescript of 25 numbered entries dealing with light and plant growth, written by Hibben. 11 copies.

Folder 8
Captions for illustrations. Typescript, 25 pages. 8 1/2 x 11 and 4x5.

Folder 9
Untitled lecture given by Hibben at Toronto Railway Club, November 1944. Typescript. 15 pages.

Folder 10
WL numbered typescript, containing entries for a series of numbered items.

Folder 11
Material related to Natural Bridge. Two typescripts.

Folder 12
Indexes to articles by Hibben. Typescripts. 5 pieces.

Folder 13

Folder 14

Folder 15
“One Sunday Afternoon” (poem). Printed, 1 page. 14 copies. Initialed “S.G.H.”

Folder 16
Decoy Blackouts May Camouflage American Cities. (1941, October 16.) Westinghouse Company article with observations by Hibben. Typescript, 3 pages.

Folder 17

Folder 18

Folder 19
<table>
<thead>
<tr>
<th>Folder</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Folder 22</td>
<td>“S.G. Hibben Honored.” Newspaper clipping from the Montclair Times (NJ). (1969, August 28.)</td>
</tr>
<tr>
<td>Folder 25</td>
<td>“Engineers and Men of Science” by Ivan S. Coggeshall. For IEEE Student Journal. Typescript, 26 pgs.</td>
</tr>
<tr>
<td>Folder 26</td>
<td>The Hartford Electric Light Company Historical Review. Ten-page printed booklet for company’s 75th anniversary (1881-1956).</td>
</tr>
<tr>
<td>Folder 29</td>
<td>Untitled, unsigned typescript describing the newest development at Westinghouse. Possibly by Hibben. (1953, November 11.)</td>
</tr>
<tr>
<td>Folder 30</td>
<td>Progress report on the lighting of the Supreme Court Chamber. (1935, December 17.)</td>
</tr>
<tr>
<td>Folder 31</td>
<td>“Which Mercury Lamp is Best?” by W.S. Till and J.R. Jones. Reprinted from Illuminating Engineering (May 1951.)</td>
</tr>
<tr>
<td>Folder 32</td>
<td>“What Lamp is Best for that Industrial Lighting Job?” by J.R. Jones. From Electrical World, (1952, October 20.)</td>
</tr>
<tr>
<td>Box 5</td>
<td>Miscellaneous articles; Photographs</td>
</tr>
<tr>
<td>Note</td>
<td>Undated unless specified otherwise.</td>
</tr>
<tr>
<td>Folder 1</td>
<td>The Electric Museum Reporter, (June 1964.) Printed newsletter, 1 two-sided page.</td>
</tr>
<tr>
<td>Folder 2</td>
<td>The Princeton Tube Collection - printed brochure for exhibition, (March 18-21, 1957.) Howard E. Schrader, Curator. 4 pgs.</td>
</tr>
<tr>
<td>Folder 3</td>
<td>“Heating Hotbeds with Lamps.” Printed brochure of Westinghouse Electrical Corporation. 4 pgs.</td>
</tr>
<tr>
<td>Folder 5</td>
<td>“Experiments with Electric Light Traps as Used to Catch the Asiatic Garden Beetle in 1935” by H.C. Halleck. Typescript, 10 pgs. With 3 b&amp;w photographs.</td>
</tr>
<tr>
<td>Folder 6</td>
<td>“Recent Developments in the Use of Electric Light Traps to Catch the Asiatic Garden Beetle” by Harold C. Halleck. Typescript, 20 pgs. With 2 b&amp;w photographs and 4 diagrams.</td>
</tr>
<tr>
<td>Folder 7</td>
<td>“From Legend to the Diamond Jubilee of the Electric Lamp” by Leo Dolkart. Reprinted from The Military Engineer, (July-August 1956.) 1 pg.</td>
</tr>
<tr>
<td>Folder 10</td>
<td>“The Hewitt Static Converter; The Hewitt Mercury Vapor Lamp.” Author unknown. Reprinted from The Times, (1903, Jan. 10.) 1 pg, 26&quot; x 20&quot;.</td>
</tr>
<tr>
<td>Folder</td>
<td>Description</td>
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</tr>
<tr>
<td>13</td>
<td>American Electrician, (1905, April). Negative facsimile of pgs. 185-188.</td>
</tr>
<tr>
<td>14</td>
<td>American Electrician. Negative facsimiles, as follows: pg. 41 of (August 1905) issue (“Mercury Arc Lamps”), pg. 52 of vol. XVII, no. 10 (General Electric Company: New Incandescent Units), and pg. 30 of vol. XII, no. 6 (Phoenix Glass Co.)</td>
</tr>
<tr>
<td>15</td>
<td>Photographs – Shrine Convention, 1935. 7 b&amp;w photographs. 4 copies of photo of city street.</td>
</tr>
<tr>
<td>16</td>
<td>Photographs – Electrical Historical Foundation. 7 b&amp;w photographs of Hibben at meeting. Date and location unknown.</td>
</tr>
<tr>
<td>17</td>
<td>Photographs – New York World’s Fair, 1939. 7 b&amp;w photographs, mostly of lighting exhibits. Most have handwritten notes on backs. One includes typewritten caption on back, reading “Fireworks bursting over Fountain Lake in the Amusement Area of the New York World’s Fair during one of the fifteen-minute displays which takes place each night.”</td>
</tr>
<tr>
<td>18</td>
<td>Photographs – New York World’s Fair, 1939. 10 b&amp;w photographs, mostly of building exteriors. Included is one-page typescript for General Motors “Highways and Horizons” exhibit, accompanying appropriate photograph.</td>
</tr>
<tr>
<td>20</td>
<td>Photographs – New York World’s Fair, 1939. 10 b&amp;w photographs, from the General Motors “Highways and Horizons” exhibit, and of lighted building exteriors. One photograph includes one-page typewritten caption: “Light and Glass in Avenue of Tomorrow; at New York World’s Fair.”</td>
</tr>
<tr>
<td>21</td>
<td>Photographs – New York World’s Fair, 1939. 10 b&amp;w photographs of building exteriors. Many have handwritten notes on the back, and some have notes on the front.</td>
</tr>
<tr>
<td>22</td>
<td>Photographs – New York World’s Fair, 1939. 10 photographs, 4 b&amp;w and 6 color, mostly of Fair exteriors. Many include handwritten notes. Two with hand-written captions.</td>
</tr>
<tr>
<td>23</td>
<td>Photographs – New York World’s Fair, 1939. 3 photographs. Two color exteriors, and one b&amp;w of scientist with curved glass tub, from General Motors “Highways and Horizons” exhibit.</td>
</tr>
<tr>
<td>24</td>
<td>Photographs – The White House. 10 b&amp;w photographs of White House interiors. Some have typewritten captions. Many have handwritten notes on the back. Included is a 5”x8” printed floor plan of “Principal Floor.”</td>
</tr>
<tr>
<td>25</td>
<td>Photographs – The White House. 3 b&amp;w photographs of White House interiors. Two have typewritten captions.</td>
</tr>
<tr>
<td>26</td>
<td>Photographs – The White House. 15 b&amp;w photographs. 5 pages contain two images each. 13 have typewritten captions. One image shows Hibben outside building with two unidentified men.</td>
</tr>
<tr>
<td>27</td>
<td>Photographs – French landmarks. 10 b&amp;w photographs, mostly of nighttime building exteriors, showing lighting. Most have handwritten captions on the back. Included is one interior shot of three men in period dress.</td>
</tr>
<tr>
<td>28</td>
<td>Photographs – French landmarks. 10 b&amp;w photographs, mostly of nighttime building exteriors, showing lighting. Most have handwritten captions on the back. Included are two interior shots of men in period dress.</td>
</tr>
<tr>
<td>29</td>
<td>Photographs – French landmarks. 5 b&amp;w photographs, mostly of nighttime building exteriors, showing lighting. Handwritten captions on back.</td>
</tr>
<tr>
<td>30</td>
<td>Photographs – Miscellaneous lighting projects. 11 b&amp;w photographs, many with captions on back. Included are two photos of the USS Midway (one exterior, one interior), and one showing the differences of a house exterior between infra-red and conventional lighting.</td>
</tr>
</tbody>
</table>
The correspondence is divided into two sections. The first contains correspondence connected to projects in which Hibben was involved. It is separated by project, and then arranged chronologically. The second section contains chronological correspondence. Some letters have attachments, i.e. articles. Where applicable, letters that respond to one another are kept clipped together.

Box 6

Correspondence

Projects

Folder 1

Correspondence regarding the lighting of the National Shrine Convention in Seattle

Hibben to Bryant Park Electric Company, attention of Mr. Runge. (1935, April 3)
Frederick B. Runge to Hibben. (1935, April 4)
Hibben to R.J.A. Kaemmerer. (1935, April 3)
Hibben to A.E. Snyder, et al. (1935, May 1)
D.W. Atwater to G.F. Hain. (1935, July 31)
G.F. Hain to Hibben. (1935, August 6)
Hibben to G.F. Hain. (1936, March 30) Includes diagram and two photographs.
G.F. Hain to Hibben. (1936, April 3)

Folder 2

Correspondence regarding the lighting of the Statue of Liberty

O.P. Cleaver to Howard Stephenson. (1941, June 10)
George A. Palmer to Hibben. (1941, August 16)
Hibben to A.B. McKenna. (1941, August 21)
A.B. McKenna to Hibben. (1941, September 5) Telegram.
Hibben to George A. Palmer. (1941, August 26)
A.R. Fiske to Hibben. (1941, September 26)
Hibben to E.W. Beggs. (1941, October 10)
Hibben to A.R. Fiske. (1941, October 20)
David S. Youngholm to George A. Palmer. (1941, October 21)
Hibben to George A. Palmer. (1941, October 22)
David S. Youngholm to Hibben. (1941, December 5) Memo.
W.F. White to David S. Youngholm. (1941, December 2)
David S. Youngholm to W.F. White. (1941, November 28)
David S. Youngholm to Hibben. (1942, April 17) Memo.
Howard Stephenson to David S. Youngholm. (1942, April 13)
I.A. Yost to Hibben. (1944, June 1) Includes four diagrams.
Hibben to W.F. White. (1944, June 19) Includes two pages of cost figures.
Hibben to I.A. Yost. (1944, August 11)
Hibben to C.N. Fry. (1944, October 18)
Hibben to Richard C. Carr. (1944, November 25)
Hibben to George A. Palmer. (1945, April 18)
George H. Eckhardt to Hibben. (1945, August 18)
Hibben to George H. Eckhardt. (1945, August 21)
George H. Eckhardt to Hibben. (1945, August 22)
Newell H. Foster to Hibben. (1951, February 23) Includes one printed page.
Hibben to Newell H. Foster. (1951, February 26)
W.S. Till to Newell H. Foster. (1952, April 16)
Hibben to Superintendent's Office. (1952, December 17)
Simeon H. Pickering to Hibben. (1953, May 25)
Hibben to Simeon H. Pickering. (1953, May 27)

Folder 3

Correspondence regarding the Historical Survey and Data on Development of Lighting Fixtures, Arc Lamps, and Illuminating Glassware (1900-1950)

Van Rensselaer Lansingh to R.B. Burton. (1951, November 27)
Robert B. Burton to C.A.B. Halverson. (1951, December 17)
Robert B. Burton to George Stickney. (1951, December 17)
Robert B. Burton to Walter Sturrock. (1951, December 21)
Robert B. Burton to Rex Cole. (1951, December 27)
Robert B. Burton to George Ainsworth. (1952, January 3)
Robert B. Burton to Herbert H. Magdsick. (1952, January 4)
Robert B. Burton to J.L. Stair. (1952, January 7)
Robert B. Burton to Edward Rambusch. (1952, January 8)
Robert B. Burton to G.A. Price. (1952, January 8)
G.A. Price to Robert B. Burton. (1952, January 21)
Hibben to G.A. Price. (1952, January 30)
Robert B. Burton to G.A. Price. (1952, February 4)
Robert B. Burton to Julius Daniels. (1952, January 16)
Robert B. Burton to Edward Rambusch. (1952, January 11)
Robert B. Burton to W.F. Little. (1952, February 5)
Robert B. Burton to Fred E. Guth. (1952, February 5)
Robert B. Burton to D.P. Fullerton. (1952, February 5)
Robert B. Burton to C.A. Carpenter. (1952, February 5)
Robert B. Burton to Oliver R. Hogue. (1952, February 6)
Robert B. Burton to Major Lenox Lohs. (1952, February 6)
Robert B. Burton to Lester H. Graves. (1952, May 7)
Robert B. Burton to Charles Franck. (1952, May 27)
Hibben to Robert B. Burton. (1951, June 11)
Robert B. Burton to Hibben. (1952, July 31)
Hibben to Robert B. Burton. (1952, August 5)
Robert B. Burton to Hibben. (1952, August 25)
Robert B. Burton to Pressly H. McCance. (1952, October 14)
J.S. Schuchert to A.D. Hinckley. (1952, October 28)
A.D. Hinckley to J.S. Schuchert. (1952, November 12)
Hibben to J.S. Schuchert. (1952, December 5)
Hibben to Robert B. Burton. (1952, December 5)

**Chronological**

**Folder 4**

- Walter Yust to Hibben. (1939, August 1)
- Hibben to Walter Yust. (1939, August 4)
- Joseph F. Heffron to Hibben. (1940, February 21)
- Unknown to M.F. Gill. (1942, December 16) This is an incomplete draft that includes handwritten corrections and annotations. Although unsigned, letter may be written by Hibben.

**Folder 5**

- E.W. Beggs to Hibben. (1951, January 8)
- Hibben to H.B. Duffus. (1951, March 23)
- Hibben to Sidney G. Roth. (1951, April 23)
- James R. Shenk to Hibben. (1951, July 3)
- Hibben to James R. Shenk. (1951, August 14)
- W.S. Till to Newell H. Foster. (1951, October 18)
- Robert B. Burton to William F. Little. (1952, January 3)
- Two copies. Robert B. Burton to Hibben. (1952, January 18)
- Robert B. Burton to Matthew Luckiesh. (1952, January 21)
- Robert B. Burton to William F. Little. (1952, January 21)
- Robert B. Burton to Hoyt P. Steele. (1952, February 5)
- Robert B. Burton to Hoyt P. Steele. (1952, February 6)
- Robert B. Burton to Gwilym A. Price. (1952, September 18)
- Robert B. Burton to B.J. Rowan. (1952, August 12)
- Robert B. Burton to Ralph I. Cordiner. (1952, August 12)
- Robert B. Burton to Hibben. (1952, August 12)
- Hibben to Robert B. Burton. (1952, August 19)
- Lee Nestor to A.D. Hinckley. (1952, November 12) With attached memo.
- Hibben to Lee Nestor. (1952, December 1)
Van Rensselaer Lansingh to Illuminating Engineering Society. (1952, December 4)
A.D. Hinckley to Van Rensselaer Lansingh. (1952, December 8)
George H. Stickney to Hibben. (1952, December 9)
Hibben to George H. Stickney. (1952, December 9)
Robert B. Burton to Hibben. (1952, December 10)
Hibben to Robert B. Burton. (1952, December 15)
Hibben to Julius Daniels. (1952, December 13)
Julius Daniels to Hibben. (1952, December 15)
Alton L. Blakeslee to Charles Fry. (1953, February 27)
Charles Fry to Alton L. Blakeslee. (1953, March 2)
Hibben to Alton L. Blakeslee. (1953, March 4) Two copies.
Lavinia Dudley to E.S. Lincoln. (1953, October 30)
Hibben to A. Hartenstein, et al. (1954, January 7)
Hibben to A. Hartenstein, et al. (1954, July 23)
Hibben to A. Hartenstein, et al. (1954, December 9)
E.S. Lincoln to Vernon Langille. (1955, March 23)
Vernon Langille to E.S. Lincoln. (1955, March 29)
E.S. Lincoln to David Sarnoff. 1955, October 11. Includes article from Electrical World. (1957, June 3)
John Q. Cannon to E.S. Lincoln. (1955, October 18)
Hibben to R.G. Slauer. (1956, January 16) In protective acid-free folder.
Fischer Black to John P. Roberts. (1956, March 1)
John P. Roberts to Fischer Black. (1956, March 30)
Fischer Black to Dr. Frazier. (1956, April 13)
R.L. Taylor to Fischer Black. (1956, April 16)
D.M. McMaster to Fischer Black. (1956, April 17)
John Frazier to Fischer Black. (1956, April 23)
W.E. Schubert to E.S. Lincoln. (1956, April 30)
W.T. Purdum to Hibben. (1956, June 28) Postcard included.
Hibben to W.T. Purdum. (1956, July 3)
W.T. Purdum to Hibben. (1956, August 1)
Hibben to W.T. Purdum. (1956, August 8)
Hibben to Sam B. Williams. (1956, August 30)
George H. Stickney to Hibben. (1956, September 5) One page with sketch attached.
Hibben to William F. Little. (1956, November 19)
W.A. Hedrich to Hibben. (1956, December 4)
Sam Williams to Members of Privy Council. I.E.S. (1956, December 4)
M.N. Waterman to Hibben. (1956, December 5)
Hibben to Sam Williams. (1956, December 11)

1957, January-June
E.S. Lincoln to Lyman S. Salmonsen & Frank W. Warburton. (1957, January 9)
Lyman S. Salmonsen to E.S. Lincoln. (1957, January 18)
James Barnes to Hibben. (1957, January 25)
Hibben to James Barnes. (1957, January 28)
Hibben to Earnest P. Hyde. (1957, January 31)
Hibben to Emily Lansingh Muir. (1957, February 5)
W.F. Sutherland to E.S. Lincoln. (1957, February 7)
Shigeru Shimizu to [Mr. & Mrs. Samuel Hibben]. (1957, February 21)
Hibben to Ruby Redford. (1957, February 26) Two copies.
David Williams to E.S. Lincoln. (1957, March 6)
R.L. Zahour to C.A. Atherton. (1957, March 19)
Donald Jackman to Hibben. (1957, March 19)
Hibben to Donald Jackman. (1957, March 22)
Frank A. Taylor to Bern Dibner. (1957, April 2)
Bern Dibner to Frank A. Taylor. (1957, April 5)
Bern Dibner to Fischer Black. (1957, April 5)
Mario G. Zervigon to Hibben. (1957, April 8)
Hibben to Officers of the Foundation. (1957, May 17) Includes three-page list of members.
George M. Szabad to Hibben. (1957, May 17) Includes Resolutions of Unincorporated Association for the Electrical History Foundation, signed by Fischer Black, Bern Dibner, and Hibben.
Bern Dibner to William J. Nolan. (1957, May 20)
Hibben to William J. Nolan. (1957, May 23)
William J. Nolan to Hibben. (1957, May 28)
Hibben to William J. Nolan. (1957, June 4) Two copies.
Hibben to Officers of the Electrical Historical Foundation (Fischer Black, Julian Sprague, Bern Dibner, and E.S. Lincoln). (1957, June 4) Two copies.
Hibben to The National Fabrication Products Co. (1957, June 4)
Paul P. Ashworth to Edwin Vennard. (1957, June 7)
Fischer Black to Bern Dibner. (1957, June 12)
Fischer Black to F.R. Kappel. (1957, June 17)
Fischer Black to Charles A. Edison. (1957, June 17)
Fischer Black to R.S. Stevenson. (1957, June 17)
Fischer Black to R.J. Cordiner. (1957, June 17)
Bern Dibner to Hibben. (1957, June 18)
Fischer Black to J.K. Sprague, Bern Dibner, Edwin Vennard, C.F. Wagner, Hibben, and E.S. Lincoln. (1957, June 24)

1957, July-December
Hibben to the Trustees and Officers of the Electrical Historical Foundation. (1957, July 3) Includes agenda for July 12 meeting. Two copies.
Hibben to S. Wyman Rolph. (1957, July 3)
S. Wyman Rolph to Hibben. (1957, July 10)
Hibben to S. Wyman Rolph. (1957, July 17)
Thomas J. Higgins to Fischer Black. (1957, July 6)
Fischer Black to Thomas J. Higgins. (1957, July 15)
E.S. Lincoln to C.H. Lamphier. (1957, July 9)
Robert R. Wylie to E.S. Lincoln. (1957, July 16)
E.S. Lincoln to Robert R. Wylie. (1957, August 12)
Ann Wampach to E.S. Lincoln. (1957, August 16) Included list of utilities.
N.S. Hibshman to Hibben. (1957, July 11) Included one-page list.
Hibben to Tomilson Fort. (1957, July 16)
Hibben to E.S. Lincoln. (1957, July 17)
Hibben to S.B. Williams. (1957, July 19)
Hibben to Bern Dibner. (1957, July 22)
Hibben to D.M. MacMaster. (1957, July 23)
D.M. MacMaster to Hibben. (1957, July 25)
Hibben to H.L. Donnelly. (1957, July 23)
Julian K. Sprague to Colonel C.G. Henline. (1957, July 24)
A.D. Hinckley to Fischer Black. (1957, July 24)
A.D. Hinckley to Hibben. (1957, July 24)
Hibben to M.N. Waterman. (1957, July 26)
Fischer Black to Walker L. Cisler. (1957, August 1)
Fischer Black to Albert L. Williams. (1957, August 1)
Bern Dibner to Hibben. (1957, August 1)
Hibben to Bern Dibner. (1957, August 12)
Paul V. Class to E.S. Lincoln. (1957, August 9)
Hibben to F. Gordon Smith. (1957, August 12)
Hibben to D.M. MacMaster. (1957, August 12)
D.M. MacMaster to Hibben. (1957, August 20)
Aileen L. Dyer to Bern Dibner. (1957, August 14)
Aileen L. Dyer to G.L. Draffan. (1957, August 1)
E.S. Lincoln to Hibben. (1957, August 22)
Hibben to Charles Carroll. (1957, August 26)
S.B. Williams to Hibben. (1957, August 29)
R.W.G. Vail to Hibben. (1957, September 30)
Thomas P. Hughes to Bern Dibner. (1957, September 30)
Bern Dibner to Thomas P. Hughes. (1957, October 8)
Hibben to Thomas P. Hughes. (1957, October 11)
Thomas P. Hughes to Hibben. (1957, December 20)
Hibben to Thomas P. Hughes. (1957, December 23)
Newell G. Hartley to Bern Dibner. (1957, October 2) Included are two photographs.
Bern Dibner to Newell G. Hartley. (1957, October 8)
Bern Dibner to Hibben. (1957, October 8)
Hibben to Newell G. Hartley. (1957, October 11)
Hibben to Trustees of the Electrical Historical Foundation. (1957, October 2)
Gordon Smith to Hibben. (1957, October 4)
D.M. MacMaster to Hibben. (1957, October 8)
Frank A. Taylor to Hibben. (1957, October 8)
Frank A. Taylor to Hibben. (1957, October 14)
W.E. Schubert to E.S. Lincoln. (1957, December 12) Two copies.
Hibben to H.F. Davidson. (1957, December 17)

Folder 8

1958

E.S. Lincoln to Fischer Black. (1958, January 9) Two copies.
Fischer Black to Electrical Historical Foundation Board of Trustees. (1958, January 15)
B.A. Smith to Electrical Historical Foundation. (1958, January 24)
H.F. Davidson to Hibben. (1958, April 16)
Herb Cornell to W.A. Dalrymple. (1958, June 22)
Herb Cornell to Ronald W. Sclater. (1958, June 23)

Folder 9

1959-1971

Bern Dibner to Members of the Electrical Historical Foundation. (1959, August 25)
Robert C. Hibben to Hibben. (1960, April 15)
Bern Dibner to Harold R. Huntley. (1961, February 16)
Bern Dibner to J.A. Palmer. (1961, February 16)
Bern Dibner to J.A. Brouillard. (1961, February 16)
G.T. Minasian to Erich Hausmann. (1961, March 3)
Daniel B. Beard to Bern Dibner. (1961, March 10)
Bern Dibner to Daniel B. Beard. (1961, March 22)
Bern Dibner to Ronald F. Lee. (1961, March 22)
Bern Dibner to Hibben. (1961, September 20)
Bern Dibner to John C. Fisher. (1963, May 16)
Bern Dibner to Earle S. Machold. (1964, January 8)
Bern Dibner to Robert Moses. (1964, January 15)
Bern Dibner to Leonard Carmichael. (1964, January 15)
Charles N. Fry to Hibben. (1964, March 5)
Robert A. Deasy to Charles N. Fry. (1964, March 2)
Gertrude Norton to Hibben. (1967, January 30)
Arthur S. Taylor to Hibben. (1967, August 4)
Bern Dibner to Miss Hurley. (1971, February 18)
Bern Dibner to Hibben. (1971, February 22)

Folder 10

Undated correspondence

Unknown to Patent Department, Westinghouse Lamp Division.
Correspondence

Folder 11
Westinghouse Electric Corporation Internal Memos (1950-1951)


Ephemera, drawings, etc.

Box 7
Folder 1
Ephemera


Folder 2

Folder 3

Folder 4

Folder 5

Folder 6
The Magic of Color and Light. Seven-page booklet advertising the lighting virtues of Cel-O-Glass, an opalescent lighting covering used for display and decoration. Undated.

Folder 7

Folder 8
List of names and dates, possibly in Hibben's hand. One page, undated.

Folder 9
Typescript from article about the General Engineer Depot. One page, undated.

Folder 10
Minutes of the History Committee of the Institute of Electrical and Electronics Engineers (IEEE) - Appendices. (1965, March 26) Includes Appendix B (Pioneers), Appendix C (Memo to Donald G. Fink, General Manager, IEEE), Appendix D (Awards Manual, Pt. IV - List of Recipients, Appendix E (Historical Series, SPECTRUM), Appendix F (letter from C.E. Williams to N.S. Hibshman, 1965, March 15), and Appendix G (Volumes Reported in the Library of R.H. Williamson).

Folder 11
Folder 12  Christmas lighting diagrams. 15 pages of suggested layouts for Christmas lights for store exteriors and small stores, construction of medallions and illuminated designs and letters, tree silhouettes, candles, and other door and window decorations utilizing electric lights for holiday displays for both exterior and interior designs. Also included are suggestions for street and light-post decorations. Undated.

Folder 13  Map of United States, with unspecified organizational markings for Sections, Chapters, Major Trading Areas, and Regional Boundaries. (1957, April)

Folder 14  Illumination Curves of Semi-Indirect Lighting. Two charts, marked Fig. 1 (One-Light Unit Equipped with 500 Watt Tungsten Lamp) and Fig. 6 (One 4-Light Fixture Equipped with 60 Watt Tungsten Lamps in Diffusing Shades).

Folder 15  Illumination diagrams for 500-watt Mazda Lamps, with and without fixture. Two charts, marked Fig. 4 (Glass Alada 164) and Fig. 5 (Glass Alba 3485).

Folder 16  4-Light Semi-Indirect Fixture. 1 diagram, marked Fig. 2.

Folder 17  Illumination diagrams for hanging lamp. Three charts, marked Fig. 1 (note on back: Comparisons of Illumination as in Different Colored Rooms), Fig. 3 (note on back: Illuminating Curves of Semi-Indirect Lighting in a Dark Interior), and Fig. 4 (note on back: Comparisons Between Various Lighting Charts).

Folder 18  Relative Annual Cost Per Footcandle with Cost of Lighting Analysis, Westinghouse Electric Corporation. One chart, comparing Case A, B, and C in White Light and Straight Mercury, over various types of bulbs - Westinghouse Electric Corporation Drawing No. 53839, drawn by F.B.C., checked by C.J. Forster. ([19]53, June 11) Also included: Three two-page Cost of Lighting Analysis forms (marked Westinghouse Form 28341, Sheet 1 and 2). Form “CA. A” is dated 5/29/53 and is for Conditions Favoring Incandescent Systems. Form “CA. B” is dated 6/1/53 and is for Average Values for all Variables. Form “CA C.” is dated 6/2/53 and is for Conditions Favoring Mercury Systems. All forms prepared by C.J. Forster, Jr.

Folder 19  List of Members - United States National Committee of the Commission International De L’Eclairage (International Commission on Illumination), 1963 C.I.E. Sessions, Vienna. 8 copies. Hibben is listed as Member for Life and member of the Executive Committee.

Folder 20  Eight photographs of hanging lighting fixtures. Three have notes on the reverse: “Fig. 10 Hibben”, “Fig. 12 Hibben” and “Fig. 7 Hibben”; this latter photograph also bears the stamp of the Illuminating Engineering Society on its reverse.

Folder 21  Diagram sketch for flagpole with sheet metal and tubular lamp. Undated.

Folder 22  Diagram sketch for tubular lamp with transparent mirror and ordinary mirror with design scraped off the back. Undated.

Folder 23  Diagram sketch with Lumiline lamps and varnished wood. Undated.

Folder 24  Diagram sketch of 14 7/8”-diameter lamp. Undated.

Folder 25  Diagram sketch for circular arrangement of 100-watt mercury lamps. Undated.

Folder 26  Diagram sketch for chandelier with glass and fluorescent tubes. Undated.

Folder 27  Diagram sketch for lamp with opaque compo/colored plastic shade. Undated.


Folder 29  Blueprint diagram for electric beetle trap. Attributed to Hibben and Westinghouse Lamp Co. Undated.

Folder 30  Certificate electing Hibben to the Honorary Board of Sponsors for the 1940 World’s Fair, New York.

Folder 31  Ten photo negatives of interiors.