

IHLC MS 712

**Gustavus D. Hinrichs  
Papers, 1837-1917**

# Manuscript Collection Inventory

Illinois History and Lincoln Collections  
University of Illinois at Urbana-Champaign

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**Gustavus D. Hinrichs.  
Papers, 1837-1917.**

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Box 1

European Papers (1837-1912)	
Homeland	
Pamphlets, leaflets, and newspaper clippings concerning the question of Schleswig-Holstein, 1863	
Hometown	
Guide to the town of Lunden in Holstein, 1912	
Postcard photographs of Lunden with descriptions on the reverse side, 1912	
Newspaper clipping concerning the Lunden Singing Society, 1913	
Ground plan of the family home, undated	
Personal Documents	
Duplicate of Gustavus Hinrichs' birth certificate, 1854	
Documents concerning financial aid grant for study at the University of Copenhagen, 1852-1857	
Duplicate of military registration certificate, 1853	
Refusal permit to emigrate, 1861	
Documents pertaining to first wife Augusta Springer, 1854-1861	

Luggage certificate for trip to the U.S., undated  
 Correspondence  
 Copybook of letters sent, 1856-1860 (more details?)  
 Education

Notebooks

*Astronomische Lehrsätze*, 1847  
*Plan - Trigonometrie*, 1852  
*Stereometrie*, 1853  
*Zur Chemie*, 1856  
*La Divina Commedia* (quotations), 1857  
*Zur Physik*, undated  
*Zur Geschichte der Astronomie*, undated

Box 1A

Various notes on physics, zoology, natural history, cosmology, geometry, his stenographic system; notes on essays, poems, songs, 1855-1861  
 Brief description of his years of study in shorthand, 1851-1860  
 List of studied books, 1855-1860

Box 2

Textbooks

*Deutsche Schulgrammatik*, 1847  
*French-German Dictionary*, 1853  
*Saggio di Letture Italiane*, 1856  
*Lehrgang der spanischen Sprache*, 1850  
*Algebra og Functionslaere*, 1840  
*Buchstabenrechnung und Algebra*, 1838  
*Differential- og Integral -Regning*, 1844

Box 2A

*Elementaer Geometrie*, 1850  
*Trigonometrie*, 1837  
*Philosophy*, undated  
*Platons Timaeos*, 1855

Box 3

Professional Career

Research

Manuscripts of scientific works: Entwurf der Atom-Mechanik, 1855-1858  
 Widerstand des Aethers, 1858  
 "Om de imaginaere rumstorrelser og hyperblens quadratur ved cirklen," undated  
 Himmelskunde, undated  
 Harmonie des Weltalls, undated

Publications

"Svar paa Sporgsmaalet pg. 97, No. 6, og. 7, 1859  
 "Om Binomialformlen," 1860  
 Der Erd magnetismus als Folge der Bewegung der Erde im Aether, annotated, 1860 (2)

Box 4

## American Papers (1842-1929)

## Personal Documents

Certificate of Incapacity to Perform Military Duty, 1862  
 Reprint of Announcement of Intent to Serve in the U.S. Army  
 from the *Iowa City Republican* newspaper, 1863  
 Marriage certificate, 1867  
 Documents pertaining to second wife Anna Springer, 1842-  
 1863

Box 5

## Professional Career

## Correspondence

Copybooks of letters sent, 1870-1889  
 Letters received, 1855-1869  
 Letters acknowledging gift-books sent by Hinrichs,  
 1864-1869  
 Copybook of letters sent, 1867-1870  
 Letters received and sent, 1867-1912

Box 6

## Teaching

Lecture on faith and science, 1867  
 Lectures in physical mineralogy, 1868  
 Lecture notes of the sub-freshman course in science,  
 1870  
 Lecture notes of the course in chemistry, 1902-1903  
 Lecture notes on principles of physics and chemistry,  
 undated  
 Various notes and other preparatory material for  
 lectures, undated  
 Grade book of students of chemistry, 1903-1907

Box 7

## Research

## Copybooks

Reports of the Geological Survey of Iowa, 1867  
 Reports of various laboratory work, 1869-1873  
 Philosophical Memoirs, 1864-1866  
 Crystallographic Studies, 1866-1870  
 Twenty short studies and articles on  
 crystallography and the mechanics and atoms,  
 1868

Box 8

Atom-Mechanik, outline of the subject in shorthand,  
 1868  
 Manuscripts of various communications on spectral  
 analysis, meteorites, ionization, and atomic  
 weights, 1864, 1906-1909  
 Typescripts of various communications on chemical  
 elements and compounds, 1900-1910

Documents on meteorites (including notes, photographs, maps, diagrams, tables, reprints of articles) 1875-1906

Research notes (concerning gas constants and critical points, various chemical elements) 1871-1912

Box 9

Manuscript notes concerning research, 1866-1917

Tables, diagrams, and other drawings, 1878-1913

Box 10

Scrapbooks (including chemical diagrams, photographs of schools, laboratories, documents, letters) 1902-1913

Box 11

Publications

*The Elements of Physics* (3 copies), 1870

*The Elements of Chemistry and Mineralogy* (2 copies), 1871

*The Method of Quantitative Induction in Physical Science*, 1872

*The Principles of Chemistry and Molecular Mechanics*, 1874

Box 12

*The True Atomic Weights of the Chemical Elements and the Unity of Matter*, 1894  
(two copies)

*Introduction to General Chemistry*, 1897

*The Absolute Atomic Weights of the Chemical Elements*, 1901

*The Proximate Constituents of the Chemical Elements*, 1904

*First course in Microchemical Analysis*, 1904

Mailing lists of Hinrichs' scientific books, 1867, 1901

"The Density, Rotation, and Relative Age of the Planets," 1864

"Fem Love af den Kosmiske Physik," 1860

"Beviis for Newton's Binomialformel," 1860

"Der Erdmagnetismus als Folge der Bewegung der Erde im Aeter" (copy with mathematical appendix), 1860

"Terrestrial Magnetism, a Consequence of the Earth's Motion in Ether," 1864

"Introduction to the Mathematical Principles of the Nebular Theory, or Planetology," 1864

"On the Distribution of the Bright Lines in the Spectra of the Elements," 1864

"Contributions to Molecular Science or Atomechanics," Numbers 1-2 (copy with Numbers 3-4), 1868

"Sechs Beitrage zur Dynamik des chemischen Molekuls," 1891

- "Anzeige des allegeminen Gesetzes, nach welchem die Temperatur des Zustaniweschels unter jeglichem Druck in einfacher Weise von der chemischen Konstitution der Korper bestimmt wird," 1891
- "Die Berechnung des Siedepunkts einer beliebigen Flussigkeit unter jeglichem Druck," 1891
- "Uber die Spannung des gesattigten Wasserdampfes," 1891
- "Mechanische Bestimmung der Verkettung der Kohlenstoffatome in organischen Verbindungen," 1891
- "Die Berechnung des Molekularvolumens," 1891
- "Die Bestimmung des wirklichen Atom-gewichtes des Kupfers (another set from 1891-1893)," 1893
- "Rainfall Laws, Reduced from Twenty Years of Observations," 1893
- "Saint Louis Water," 1900

Box 13

- "Atomechanics Proved by Tyndall's Experiments," 1868
- "How a Snowflake is Built," 1868
- "Atomechanik oder die Chemie eine Mechanik der Panatome," 1867
- "Resume Francais due Programme de l'Atomecanique," 1867
- "A Programme of Atomechanics: or Chemistry as a Mechanics of Panatoms," 1867
- "Synopsis of New Memoirs on Atomechanics," 1868
- "Documents Relating to the History of Atomechanics," 1868
- "Grundriss der Atomechanik mit induktiven Studien ueber die Einheit der Materie," 1869
- "Natural Classification of the Elements," 1869
- "On the Composition and Valuation of Iowa Coals," 1867
- "On the Proximate Analysis of Coals first installment (copy of second installment)," 1867
- "Chronological List of Scientific Books and Papers," 1872
- "Report of the Committee on Building Stone to the Board of Capital Commissioners of the State of Iowa," 1871
- "Chemical Report on the Fuel, Rocks, and Water of Iowa, and a Method of Proximate Analysis of Coals," 1868  
(Copy of numbers 5-6, 1868-1871)
- "Sur la rotation moleculaire des gaz," 1873
- "Sur les points d'ebullition et les volumes moleculaires des isomers chlores de la serie ethylique," 1873
- "Sur le calcul des moments d'inertie des molecules," 1873

- "Sur la structure atomique des molecules de la benzine et du terebene," 1875
- "Calcul des moments d'inertie maximum des molecules des derives chlores du toluene," 1875
- "Sur la determination des point d'ebullition des derives chlores du toluene," 1875
- "Enonce d'une loi generale determinant en fonction simple de la constitution chimique des corps les temperatures de leurs changements d'etat sous toutes les pressions," 1891
- "Calcul des temperatuers de fusion et d'ebullition des paraffines normales," 1891
- "Calcul de la temperature d'ebullition d'un liquid quelconque sous toutes les pressions," 1891
- "Calcul du volume moleculaire," 1891
- "Determination mecanique de l'enchainement des atomes de carbone dans les composes organiques," 1891
- "Calcul de la chaleur specifique des liquides," 1891
- "Calcul de la rotation magnetique du plan de polarisation de la lumiere," 1891
- "Determination mecanique de la position des atomes d'hydrogene dans les composes organiques," 1891
- "Clacul de la temperature d'ebullition des ethers isomeriques des acides gras," 1891
- "Enonce de la constitution atomique des elements chimiques," 1891
- "Clacul des tempratures d'ebullition des composes derives des paraffines par substitution terminale," 1892
- "Determination de la surface d'ebullition des paraffines normales," 1892
- "Etablissement des formules fondamentales pour le calcul des moments d'inertie maximum," 1892
- "Determination macanique des points d'ebullition des composes a substitution terminale simple," 1892
- "Determination mecanique des points d'ebullition des composes a substitution terminale complexe," 1892
- "Determination mecanique des points d'ebullition des alcools et des acides," 1892
- "Sur le contraste mecanique entre le radical cyanogene et les elements chloroides," 1892
- "La chaleur specifique des atomes et leur constitution mecanique," 1892
- "Sur la forme generale des courbes d'ebullition des composes a substitution centrale," 1892
- "Reduction critique des determinations fondamentales de Stas sur le chlorate de potasse," 1892
- "Sur la determinations du poids atomique du plomb par Stas," 1893
- "Methode generale pour le calcul des poids atomiques d'apres les donnees de l'analyse chimique," 1893

- "Determination des poids atomiques par la method limite," 1893
- "Determination du poids atomique veritable de l'hydrogene," 1893
- "Apercu du systeme des poids atomiques de precision, fonde sur le diamant comme matiere-etalon," 1893
- "Sur les poids atomiques de precision, determines par l'argent comme matiere-etalon secondaire," 1894
- "Centenary Commemoration of Antoine-Laurent Lavoisier," 1894
- "Report of the American Lavoisier Committee," 1899
- "Sur le poids atomique veritable du bore," 1900
- "Sur le poids atomique veritable de dix elements deduit de travaux recents," 1900
- "Sur la composition de l'air dans la verticale, et sur la constitution des couches superieures de l'atmosphere terrestre," 1900
- "Notice preliminaire sur un genre inverse des pierres meteoriques communes," 1894
- "Sur les meteorites d'Amana," 1905
- "Sur l'uniformite de composition des meteorites d'Amana," 1905
- "Sur le poids atomique veritable de l'azote," 1905
- "Sur le poids atomique absolu du terbium," 1906
- "Sur les points d'ebullition de quel-ques alcools secondaires et tertiaries," 1906
- "La mecanique de l'ionisation par solution," 1906
- "Sur le poids atomique absolu du dysprosium," 1907
- "Sur les points de fusion et d'ebullition des hydrocarbuers aliphatiques et aromatiques," 1907
- "Sur le poids atomique absolu du brome," 1907
- "Appareil continu a pression constante, pour la preparation de l'oxygene dans les cours et pour l'analyse," 1907
- "Sur le poids atomique absolu du manganese," 1907
- "Sur le poids atomique absolu du chlore," 1907
- "Methode nouvelle determinant les poids atomiques de precision simultanement pour tous les elements presents dans une seule reaction chimique," 1907
- "Sur la commensurabilite des poids atomiques," 1908
- "Sur la determination du poids atomique de la substance ponderale simple, la pantogene," 1908
- "Sur la determination mecanique du poids et de la forme de l'atome de l'hydrogene et sur la molecule intergrante des atomes des elements chimiques," 1908?
- "Sur le poids atomique veritable de l'argent," 1908
- "Sur le poids atomique du potassium," 1909
- "Sur la method pratique du calcul simultane des poids atomiques: resultats generaux," 1909



- "Sur une solution proposee pour l'equation de condition relative au calcul des poids atomiques," 1909
- "Calcul des poids atomiques: solution de l'equation de condition," 1909
- "Sur les poids atomiques de precision de l'oxygene et de l'argent," 1910
- "Sur le poids atomique des elements dominants," 1911
- "Sur le poids atomique veritable de l'argent, tire des travaux de laboratoire de tout un siècle," 1912
- "Sur les erreurs systematiques des operations chimiques faites pour la determination des poids atomiques," 1912
- "Sur le poids atomique veritable de l'azote (typescript only) (another copy from 1873-1912)," 1912
- "Sur l'oscillation de la mi-novembre dans l'Amerique," 1876
- "Sechs Beitrage zur Dynamik des chemischen Molekuls (copy from 1873-1912) (copy from 1873-1900)," 1892

Box 14

- "Publications on Atom-Mechanics, 1864-1904," 1904
- "Sur la debacle du systeme de Stas et sur le nouveau poids atomique probable de l'azote," 1906
- "Determination du poids atomique absolu du bismuth," 1906
- "Les poids atomiques de tous les elements chimiques sont commensurables et la matiere est une," 1906
- "Sur les points d'ebullition de quell-ques alcools secondaires et tertiaries," 1906
- "Le Comite International des Poids Atomiques et son rapport pour 1906," 1906
- "Sur le poids atomique absolu du dysprosium," 1907
- "Sur les poids atomiques dits physico-chimiques et sur le calcul du poids du litre normal des gaz," 1907
- "Sur la determination finale des poids atomiques de tous les elements entrant dans une seule reaction chimique," 1907
- "Les poids atomiques de haute precision de seize elements chimiques," 1908
- "Sur la synthese de l'azotate d'argent et la determination du poids atomique du soufre," 1908
- "L'erreur constant ou residuelle des travaux de laboratoire dans la determination des poids atomiques veritables," 1909
- "Demonstration directe de la valeur 108 pour le poids atomique de l'argent," 1909
- "La method pratique du calcul des poids atomiques, les resultats obtenus par son emploi et quelques deductions qui en decoulent," 1909

"La medievalism de la chimie du jour (copy from 1906-1909)," 1909  
 "An outline of a New Practical Method for the Calculation of Atomic Weights," 1909  
 "On the Preponderance of Nullovalent Matte," 1910  
 "On the Determination of the Atomic Weight of a Chemical Valence and on the Mean Chemical Energy per unit of the Atomic Weight," 1910

Box 15

"Sur la determination du poids atomique de l'hydrogene," 1910  
 "The True Atomic Weights of Oxygen and Silver" (with appended copy of the original typescript), 1910  
 "The Atomic Weight of Vanadium Determined from the Laboratory Work of eighty years," 1911  
 "The True Atomic Weight of Bromine (copy from 1910-1913)," 1913  
 "Iowa Geodes," 1867  
 "The Lilies of the Fields, of the Rocks and of the Clouds: A Few Remarks on the Resemblance Between the Flowers and the Crystals," 1869  
 "A Demonstration of the Laws of Electricity," 1869  
 "Uber den Bau des Quarzes (with appended note on the article by Professor Wilhelm Haidinger), 1870  
 "Zur Statistik der Krystall-Symmetrie," 1870  
 "The Principles of Pure Crystallography (with notes and drawings)," 1871  
 "Chronological List of Scientific Books and Papers," 1885  
 "Zur Chemie der fossilen Kohlen," 1904  
 "The Amana Meteorites of February 12, 1875," 1905  
 "Die Amana-Meteoriten gesammelt, untersucht, verteilt," 1906  
 "The Smithsonian Institution and the Museum idea," 1906  
 "The Pure Food Law and the Chemical Standards of the Pharmacopoeia," 1906  
 "Natural Classification of the Elements," undated  
*Eminent Scientists Who Have Encouraged and Assisted the Author in His Work on Atom-Mechanics and the Composition of the Chemical Elements*, 1904  
 "Le Cinqantenaire de l'atomecanique ou de la mecanique des atomes, 1860-1910" (With a supplement of publications and unpublished fragments), (copy with supplement) (copy of basic edition) (2 copies of short edition), 1910  
*Hinrichs' Method of Atomic Weight Determination*, Part I: Atlas (3 copies), 1914  
*The Fundamental Atomic Weights*, Part I: Atlas; Part II: Text (annotated copy), 1917  
 Reviews, 1917

Reprints of reviews of twenty books and articles on  
 chemistry and physics, 1867  
 Periodicals, undated  
*The American Scientific Monthly*, Volume 1, numbers 1-  
 6, 1870  
*The School Laboratory of Physical Science Quarterly*,  
 Volume 1, numbers 1-4 and Volume 2, numbers 1-4,  
 1872  
 "Chronological List of Scientific Books and Papers,"  
 1872  
*The Method of Quantitative Induction in Physical  
 Science*, 1872

#### Miscellaneous

Address delivered at the opening of the Department of  
 Pharmacy of the State University of Iowa, October  
 7, 1885  
 Catalogue of private library, 1853-1869  
 Trip to Europe; notebook and bills, 1873

#### Box 16

##### Weather Service

##### Correspondence

Register of correspondence, paid bills, petty  
 expenses, stock of publications and addresses,  
 1883-1888  
 Letters of regional observers to the Director of the  
 Iowa Weather Service, 1882-1883  
 Communications of regional observers to the Central  
 Station at Iowa City, 1882-1883  
 Communications of the Central Station at Iowa City to  
 regional observers, 1883

##### Weather Reports

Summary of annual mean values of pressure,  
 temperature, humidity, clouds, winds, rainfall,  
 snow, 1876-1890  
 Decennial summary of monthly mean values of the same  
 phenomena, 1876-1885  
 Annual summaries of monthly mean values of the same  
 phenomena, 1886-1888  
 Monthly summaries of mean values of the same  
 phenomena, 1876-1887  
 Chart of monthly means, 1876-1885  
 Summaries of mean values and absolute extremes of  
 pressure, temperature, humidity, clouds, winds,  
 rainfall, snow, years by periods (copy organized by  
 years), 1871-1880

#### Box 17

Observation logbooks of the Central Station, 1876-1879  
 Summary logbook of observations reports from the  
 regional stations, undated

Box 18

Observation logbook of the Central Station with the summaries or observation reports and notes on climatic phenomena from the regional stations; inserted monthly weather reports and appended monthly summaries of mean values and rainfall, 1883-1885

Box 19

Observation logbook continued, 1886-1887

Box 20

Observation logbook continued, 1888  
Iowa Weather Maps, 1886-1887

Box 21

Iowa Weather Maps continued, 1888  
Manuscripts of monthly weather bulletins with inserted reprints of the same, and manuscripts of various articles on weather, 1886

## Publications

*Biennial Report of the Central Station of the Iowa Weather Service,* 1880, 1882, 1883, 1887  
"Biographical Sketch of Wilhelm von Haidinger," 1872  
"Preliminary Note on the Iowa County Meteorites," undated  
"The Great Iowa Meteor," 1875  
"Description of the Storm of Easter Sunday, April 21, 1878 in Iowa," 1879  
"Report of the Iowa Weather Service," 1881  
"Iowa Weather Service Annual," 1883  
"The Seasons in Iowa and a Calendar," 1804  
"The Climate of Southern Russia and Iowa Compared," 1833  
"Tornadoes and Derechos," 1838  
"A Celestial Messenger; or, Fiery Stones Hurlled from Heaven," 1091  
"Rainfall Laws Deduced from Twenty Years of Observation," 1893  
"Bulletin of the Iowa Weather Service," 1883  
"The Weather of Eighty-Eight at the Central Station, Iowa Weather Service," 1888  
"A Few Facts about the Iowa Weather Service," 1888

Box 22

## Public Involvement

Pamphlets and leaflets in defense of Dr. Hinrichs, written by himself or his friends:  
"Hunting Hinrichs in 1884" (by Francis E. Nipher), 1885  
"An Address to the Alumni of the State University of Iowa on the Present Condition of the University" (by Francis E. Nipher and Frank Springer) with inserted notes, 1086

- "Reprints of Editorials of the Iowa City Post on the Necessity of a Thorough Re-Organization of the State University of Iowa" (by Max Otto), 1886
- "Documents and Data Relating to the Condemnation of Flour and the Persecution of a Chemical Export," 1886
- "To My Friends, Correspondents, and Observers," 1887
- "On the necessity of the Investigation of the State University of Iowa" (with inserted notes), 1888
- "Re-election and Re-organization: Choice Selections from the Recent History of the Administration of the State University of Iowa," with inserted leaflet "The State University of Iowa Under its Present Management Endangering Honor, Liberty, and Life of the Citizens of Iowa," 1887
- "That Investigation, that Threat, and the Promised Deficit of \$25,000 a Year," 1888
- "To the Honorable Members Elect of the 23rd General Assembly of the State of Iowa," 1889
- "Rotten to the Core is the Management of the State University of Iowa," 1890
- "False Statements Made by the Regents of the Iowa State University to the 24th General Assembly to Secure More Money," 1892
- "Regents of the University: How They Elect and Reward Themselves in Darkest America," 1894
- "Corruption in the University of Darkest America," 1896
- "To the Honorable Member of the 26<sup>th</sup> General Assembly of Iowa," 1897
- "Board of Control and Board of Regents," 1898
- Circular letter to Regents of the State University of Iowa with an attached memorial paper on the condition of the University under President Pickard, 1887
- Newspaper clippings concerning the dispute with the University, 1885-1890

#### Advancement in Science

##### Lavoisier Monument:

- Correspondence concerning the American participation in the erection of monument to Lavoisier in Paris, 1895-1899
- Record of contributions including the receipts, samples of promotional letters, leaflets and forms, and the report of the American Lavoisier Committee, 1894-1899

##### Schutzenberger Monument:

- A pamphlet covering the erection of a monument to Paul Schutzenberger, Professor of Chemistry at the College de France in Paris, and Dr. Hinrichs' participation in it, 1913

## Public Lectures

Scrapbooks containing newspaper clippings and posters of Dr. Hinrichs' public lectures, also clippings concerning his personal affairs, research, participation in scientific conferences, geological survey, controversy about Iowa coal and short popular articles on scientific progress, written by himself, 1863-1873

Envelope containing newspaper clippings on his scientific career, 1910

Box 23

## Legal Proceedings

## Chloroform Case, 1898

The lawsuit of Gustavus Michaelis and William T. Mayer versus Eli Hilles Larkin, Henry W. Scheffer, and Thomas H. Larkin, Jr. before the Eastern Division of the Eastern Judicial District of Missouri, United States, Circuit Court, 1898

Complainants' Record, and Complainants' Brief, 1898  
Defendants' Record, and Statement, Brief, Argument, and Analysis of Testimony on Behalf of Defendants, 1898

(Includes another copy, but is limited only to the testimony of Professor Hinrichs, with inserted newspaper clippings, 1898)

Box 23A

## Phenacetine Case 1901

The lawsuit of the Farbenfabriken of Elberfeld Company vs, Meyer Brothers Drug Company before the Eastern Division of the Eastern Judicial District of Missouri, United States Circuit Court:

Defendants' Answers, Affidavits, and Some Other Documents on Motion for Preliminary Injunction  
Documentary Exhibits of Defendants on Motion for Preliminary Injunction

Statement, Brief and Argument Relating to Abandonment of the Alleged Invention the Subject-matter of the Patent in suit

Statement and Brief for Defendants showing reasons why a Preliminary Injunction should not be granted  
Complainants' Affidavits in Reply on Motion for Preliminary Injunction

Brief for Complainant on Motion for Preliminary Injunction

Appended: Lyman F. Kobler, "Adulterated Drugs and Chemicals" Washington, D.C., 1904

Inserted: notes of Hinrichs, 1901-1904

## Light-Bulb case 1905

The Law Suit of Arturo Malignani and General Electric Company versus Missouri American Electric Company

before the Eastern Division of the Eastern Judicial  
 District of Missouri, United States Circuit Court  
 Defendant's Record, 1905  
 Alum Case, undated  
 Typescript of the testimony of William Mark Chauvenet  
 given in a law suit between two unspecified  
 parties, undated

Box 24

## Miscellaneous

## Works of Fellow Scientists

Julius Adolph Stockhardt, *The Principles of Chemistry*,  
 1860  
 John Sebelien, *Beitrage zur Geschichte der  
 Atomgewichte*, 1884  
 J.R. Sage, *Climatology of Iowa*, 1891  
 C.J.T. Hanssen, *Reform of Chemical Physical  
 Calculations*, 1897  
 Frank W. Clarke, *A Recalculation of Atomic Weights 2nd  
 edition*, 1897  
 (Copy of 3rd edition, 1910)  
 Troels-Lund, *Gesundheit und Krankheit in der  
 Anschauung alter Zeiten*, 1901

Box 24A

Svante Arrhenius, *Theorien der Chemie*, 1906  
 Edgar F. Smith, *Chemistry in America*, 1914

Box 25

"Researches on the Atomic Weight of  
 Thallium," 1872  
 "Ueber das Atomgewicht des Tellurs," 1905  
 "Das Atomgewicht des Tellurs," 1905  
 "Studien uber Derivate des Palladosammins" (with A.  
 Krell), 1906  
 "Uber das Atomgewicht des Wismuts," 1905  
 "Uber neue quantitative Trennungsmethoden des Tellurs  
 vom Antimon," 1902  
 "Studien uber kolloidale Sulfide," 1902  
 "Uber eine neue gewichtsanalytische Bestimmungs  
 methode des Selens" (with E. Rohn), 1903  
 "Uber die Einwirkung von Hydroperoxyd auf  
 Tellurdioxyd: Ein neues Verfahren zur Darstellung  
 der Tellursaure" (with W. Wagenknecht), 1904  
 "Untersuchungen uber das Verhalten der Tellursaure bei  
 der Elektrolyse und uber eine neue Modifikation des  
 kolloidalen Tellurs" (with F. Resenscheck), 1904  
 "Zur Kenntniss des kolloidalen Silbers" (with G.  
 Hofmeier), 1905  
 "Studien uber das Palladium," 1905  
 "Uber die Peroxyde des Wismuts" 4 parts (with R.  
 Blinz), 1906

- "Zur Kenntniss der Halogenverbindungen des Palladiums"  
(with A. Krell), 1905
- "Zur Kenntniss des Palladiums" (with A. Krell), 1905
- "Ueber Derivate des Palladosammins," (with A. Krell),  
1906
- "Ueber Verbindungen der Palladohalogenide mit  
aliphatischen Rasen" (with A. Krell), 1906
- "Versuche zur Darstellung des Nitroxylchlorides" (with  
J. Lohmann), 1905
- "Ueber colloidale Metalle der Platinreihe" 2 part (with  
G. Hofmeier), 1905
- "Vergleichende Untersuchungen über die  
gewichtsanalytische Bestimmung des Antimons als  
Trisulfid und als Tetroxyd" (with G. Brunner), 1906
- Lothar Birckenbach, "Über das Atomgewicht des  
Wismuts," 1905
- Hans Mehler, "Über das Atomgewicht des Wismuts," 1905
- Rudolf Leon Janssen, "Über das Atomgewicht des  
Wismuts," 1906
- Albrecht Krell, "Studien über das Palladium: Das  
Atomgewicht des Palladiums," 1906

#### Works of Friends

John Uri Lloyd, *Warwick of the Knobs*, 1901

#### Works of Carl Gustav Hinrichs

##### Books

*First Course in Micro chemical Analysis* (co-author  
Gustavus Detlef Hinrichs), 1904

##### Articles

- "Method for the Proximate Analysis of Powders,  
Especially Baking Powders," 1901
- "Uranium Acetate in the American Market," 1902
- "Pharmacy and Chemistry at the World's Fair," 1904

##### Catalogues

- St. Louis University, 1902-1903
- Collection of Meteorites of the Field Columbian Museum  
at Chicago, 1903
- German Educational Exhibition at the World's Fair in  
St. Louis, Missouri, 1904
- Exhibit of the St. Louis Medical History Club (with  
exhibits on loan from Professor Hinrichs), 1910

##### Mixed Materials

- Photographs of Professor Hinrichs, Carl G. Hinrichs  
and some unspecified large family, 1914
- Manuscript of a lecture by Carl G. Hinrichs (page L  
missing), undated
- Letters addressed to Carl G. Hinrichs, 1904
- German textbook of Carl G. Hinrichs (with marginal and  
inserted notes and comments), 1891
- Fragment of a manuscript songbook, undated
- Various German family publications, 1915-1929