

William Stanley Collection

Laboratory Notebooks and Letter-books

<u>Box</u>	<u>Historical File #</u>	<u>Item</u>
1	--	S.K.C. Bulletins nos. 100-149, 1898-1906, and Engineering Bulletins nos.1-13, 1901-1904. (Not on original list)
1	1	Boston Highlands Lab. 1882-1883.
1	2	Lab. Memo. Sketches. 1883.
1	3	Lab. Memo & Patent Data. 1883-1884.
1	4	Lab. Memo. Detailed sketches. 1883-1887.
1	5	Lab Notebook: Englewood Cliffs, N. J. Lab.: 1884; Union Switch & Signal Co., Pittsburgh, PA: 1885;
1	6	Letter-book. Estimates. Union Switch & Signal Co. 1885.
1	7	Great Barrington, Mass. 1885-1889
2	8	Great Barrington, Mass. 1885-1888
2	9	Great Barrington, Mass. Colored Sketches. 1886-1889.
Oversized	9-A	Tracings of Stanley Alternating Current Dynamo.
2	10	Lab. Memo. Sketches. 1887-1890.
2	11	Letter-book. Lab. Expenses. 1888-1890.
2	12	Letter-book. 1889-1890.
3	13	U.S. Electric Light Co. Newark, N.J. Stanley-Chesney-Darlington. Detailed colored sketches. 1889-1890.
3	14-A	Letter: Wm. Stanley to Prof. Charles F. Scott re contracts, 1885-1889, and Westinghouse-Stanley contract, Dec. 1885.
3	15	Notebook. Sketches & Patent data. 1895-1897.
3	16	Letter-book. 1897.

William Stanley Collection

Stanley Electric Mfg. Co. Pamphlets & Catalogs, SKC System. 1891-1905.

<u>Box</u>	<u>Historical File #</u>	<u>Item</u>
3	17	Transformer Pamphlet. 1891.
3	17-A	Transformer Pamphlet. 1893.
3	17-B c.1-2	S.K.C. systems—"Apparatus for transmission of light and power by two phase alternating currents." 1894.
3	17-C c.1-2	S.K.C. System—"Apparatus, etc." 1895.
3	17-D	S.K.C. Booklets—ratings, rules, and tables. 1896.
3	17-E c.1-2	S.K.C. Synopsis. 1904.
3	17-F c.1-3	S.K.C. & G.I. apparatus. c.1-2, 1904. c.3, 1905.
3	17-G c.1-2	S.K.C. Synopsis. 1904
3	17-H	Memo from J.B. Cutler, Mgr. of N.Y. office re clerical accuracy and satisfactory routines.
3	17-I	General Electric Supplies Catalog. 1904.
3	17-J	Edison Illuminating Companies Proceedings Feb. 9, 1888 ("A-C won't work, A-C is not safe, etc.)
3	18	Shipping order notebook. 1895.
4	19	Transformer. Cornell Univ. report. 1892.
4	20	17,500 watt Stanley Transformer. 1898-1906. S.K.C. Bulletin.

William Stanley Collection

Stanley Electric Mfg. Co.—History & Items of Historical Interest. 1893-1906.

<u>Box</u>	<u>Historical File #</u>	<u>Item</u>
4	21	New Stanley Shops. 1900, 1901.
4	21-1	Stanley Transformer. Electrical Review, Jan. 28, 1893.
4	21-3	Recommendations from N.Y. office re efficiency and reorganization. 1906.
4	21-4	List of companies operating S.K.C. apparatus.
4	21-5	“Picture photographs for agents” (for other illustrations see Bulletins) 1901.
4	21-6	“Transmission Line”
4	21-7	“Meters” 1902.
4	21-8	S.K.C. Inductor Alternators.
Oversized	21-9	S.K.C. Generators (3 blueprints).
4	21-10	S.K.C. Generators.
4	21-11	Arc lamp.
4	21-12	<u>Power & Transmission</u> , v.10, no.5, May 1895, p.1-2, “Stanley Elec. Mfg. Co.”
4	22	Electrical apparatus – photos & blueprints. 1900-1904.
4	23	Meter Dept. Organization plan (letters). 1897.
4	24	Stockholders Annual Meeting Report. 1897.
4	25	Stockholders Annual Meeting Report. 1898.
4	26	Electrical apparatus installed in power plants. 1900-1905.
5	27	S.K.C. Railway apparatus. 1901-1904.
5	27-A	S.K.C. Railway apparatus. 1903.
5	28	W.K.C. Bulletins 1905-1906.

Rev. 3/5/2010

William Stanley Collection

Oversized	28-A	S.K.C. Scrapbook of S.K.C. electrical apparatus.
5	29	General Incandescent Arc Light Co.—N.Y. Bulletins. 1901-1905.
5	30	General Incandescent Arc Light Co.—N.Y. Bulletins. 1903-1904.

William Stanley Collection

Patents

<u>Box</u>	<u>Historical File #</u>	<u>Item</u>
5	31	Westinghouse Electric Co. Patents. 1879-1888.
6	32	U.S. Electric Transformer Patents. 1848-1890.
6	33	G.I. Patents. 1884-1903.
6	34	Stanley Patents. 1886-1903.
7	35 parts 1-4	Stanley Patents. 1902-1915.
7	35-A	Tesla Patents. 1888-1891.

William Stanley Collection

Patents—Litigations.

<u>Box</u>	<u>Historical File #</u>	<u>Item</u>
7	36	“Recent transformer litigation” re Stanley vs. Westinghouse. 1902.
7	36-1	“Westinghouse O.D. transformers” re Westinghouse vs. Stanley. 1902.
7	36-2	Westinghouse vs. Stanley. 1902.
7	36-3	Westinghouse vs. Orange County Gas & Electric Co. 1902.
7	36-4	Stanley vs. Raymond (Assor. To G.E. Co., Schenectady).
7	36-5	Stanley vs. Raymond—Testimony for Stanley.
7	36-6	Westinghouse vs. Montgomery light & Power co. 1905/1907.
7	36-7	Westinghouse vs. Montgomery light & Power co. 1905/1907.
7	36-8	Westinghouse vs. Electric Appliance Co.
7	36-9	Westinghouse vs. Montgomery light & Power co. 1905/1907.
7	36-10	Westinghouse vs. Pittsburgh Transformer Co.
7	36-11	Westinghouse vs. Stanley. Affidavits by Darlington and copy of Westinghouse-Stanley agreement, July 7, 1890.
7	36-12	Correspondence re Stanley/Westinghouse/Tesla Patents. 1952.
Oversized	37	Electric Utilities. Competition- Baltimore News, April 14, 1904.
7	38 c.1-2	Royal Electric Co. Montreal Apparatus for Transmission of light & power. 1896.
7	39 c.1-2	Power Plants of the Pacific coast. 1902.
7	40	Bay Counties Transmission—Oakland & San Francisco, Calif. 1902.

Rev. 3/5/2010

William Stanley Collection

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| 7 | 41 | White River Development. Puget Sound, Wash. 1912. |
| 7 | 42 | Niagara Falls Power Plant. 1916. |

William Stanley Collection

Stanley, William.

<u>Box</u>	<u>Historical File #</u>	<u>Item</u>
8	--	Biography- Thomas C. Martin- Early versions of the text of the life of William Stanley. (Not on original list)
8	43 c. 1-2	Technical Papers & Articles. 1887-1908.
8	43-A	“Alternating-current development in America” Reprint J. of Franklin Institute. 1912.
8	43-A1	Editorial on educating children. <u>Berkshire Courier</u> , Gt. Parrington. 1911.
8	43-A2	Article- “Heating device work and steel vacuum bottle...”
8	43-A3	Article- “Fishing, shooting, and out-of-doors.”
8	43-A4	“Opportunities of life”- grammar school address.
8	43-A5	“Opportunities of life”- grammar school address, <u>Berkshire Evening Eagle</u> reprint, Aug. 1, 1912.
8	44	Biography- Thomas C. Martin- Original Text.
8	45 c.1-2	Biography- Thomas C. Martin- Printer’s typewritten text. 1st copy is complete, the 2nd is incomplete.
8	46	Letters to T.C. Martin from Chesney.
8	46-A	Letters of Chesney, Faccioli, Ashe re Martin’s biography.
8	47	Biography- C.C. Chesney.
8	47-A	<u>Berkshire Courier</u> , “Lenox library displays Stanley works,” May 11, 1972.
8	48	Biography- Lawrence A Hawkins (Newcomen Soc.)
8	48-A	“William Stanley; pioneer in AC systems,” <u>Electrical World</u> , Aug. 1, 1973.
8	49	Biographical data for “The Story of Electricity” compiled by G. Faccioli and edited by T.C. Martin.
8	49-A	Biography-correspondence <u>Nat’l Cyclopedia of American</u>

William Stanley Collection

Biography 1913-1920.

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|---|------|---|
| 8 | 49-C | Obituary notices. |
| 8 | 49-D | Letters to family from Colorado Springs. 1915. |
| 8 | 49-F | William Stanley Day, gt. Barrington, May 18, 1974.
(Rotary Club Booklet & Program) and <u>Berkshire Eagle</u> ,
"200 attend dedication of Stanley Park," May 30, 1974 |

William Stanley Collection

AIEE.

<u>Box</u>	<u>Historical File #</u>	<u>Item</u>
9	51	Peek, F.W. –Papers and Biographical Material.
9	50-A	Proceedings of 4 th annual Dinner. 1911.
9	50-B	Celebration of the 50 th Anniversary of the establishment of a-c system in America.
9	51-A	Peek, F.W. –Foreign Papers, Indexes of publications and lectures.
9	51-B1	Peek, F.W. –Discussions, papers, CF review articles etc., 1911-1917.
9	51-B2	Peek, F.W. –Papers and Discussions, 1917-1919.
10	51-C	Peek, F.W. –Manuscripts of Papers and Lectures.

William Stanley Collection

General Electric Company.

<u>Box</u>	<u>Historical File #</u>	<u>Item</u>
10	52	Strikes Pittsfield, Mass. Plant (news clippings) 1916.
10	53-A	Strikes Lynn, Mass. Plant (news clippings) 1918.
10	53-B	Strikes Lynn, Mass. Plant (news clippings) 1918.
11	54	Strikes Pittsfield, Mass. Plant (news clippings) 1946. 16 folders on Company and union activities during strike. See oversized. <ol style="list-style-type: none"> 1. Strike Vote. 2. Strike—Aug-September, 1950. 3. Payment of Salaries, 1946. 4. Strike—1/8/46 to 3/13/46 5. Strike—1946 General. 6. Plant Protection Records. 7. Work Stoppage. 8. Correspondence. 9. Plant Protection Records (Gates). 10. Maintenance Reports. 11. Reports on Activities—Various Divisions. 12. Letters to Union. 13. Letters received from employees during strike. 14. Resumption of Operations, Return of Personnel, etc. 15. Hospital Reports. 16. Advertising.
Oversized	54	Strikes Pittsfield, Mass. Plant (news clippings) 1946. See box # 11.
11	54-A	Strikes Pittsfield, Mass. Plant (news clippings) 1946.
12	--	C. C. Chesney, Edison Medal- Articles from <u>Current News, Pittsfield Works</u> , April 1922. (Not on original list)
12	55	Strikes Pittsfield, Mass. Plant (news clippings) 1960.
12	55-A	G.E.—Union Agreements 1946-66. 20 booklets.
12	56 v.1-2	Transformer Div. Apparatus Dept. War Projects History 2 vols. 1941.
12	57	Ordnance Dept.—History of Destroyer Escort Motors War Project. 1941.

G.E. Pittsfield—History & Items of Historical Interest.

<u>Box</u>	<u>Historical File #</u>	<u>Item</u>
12	59	Summary of early history of Pittsfield works.
12	59-1	“The first 50 years in Pittsfield”— <u>Berkshire Eagle Suppl.</u> ,
12	59-4	75 th Anniversary clipping— <u>Berkshire Eagle</u> , Oct. 15, 1953.
12	59-5	History (Dalzell).
12	59-13	Average earnings & no. of employees—statistics report 1910.
12	59-14	G.E. employment, 1916-1954, 1960. Feb. 20, 1953.
12	59-15	Special instructions to the Testing Dept. Feb. 1918. Rev. Jan. 1, 1926.
12	59-18	GE’s contributions to one century of electric growth.
12	59-19	Employee & Organizational Directory- 1930, and G.E. Policies concerning wages, hours, etc. 1936-37.

Steinmetz, Chas. Proteus.

<u>Box</u>	<u>Historical File #</u>	<u>Item</u>
13	60	Letter to C.C. Chesney & reply, 1912.
13	60-1	“Steinmetz—latter-day Vulcan.” G.E. Pamphlet. 1952.
13	60-2	25 th Steinmetz Memorial Lecture. Schenectady Section AIEE. 1963.
13	60-3	“Steinmetz revisited. The myth & the man.” G.E. Rev. July, 1957.

Edison, Thomas Alva.

<u>Box</u>	<u>Historical File #</u>	<u>Item</u>
13	61	"Edison and electricity" G.E. Pamphlet.
13	61-3	1889 Photo- copy of 1879 photo of 3 of the 1 st incandescent electric lamps.

Transformers—History.

<u>Box</u>	<u>Historical File #</u>	<u>Item</u>
13	62	Gas Power Transformer. G. Camilli.
13	62-A	Power Transformers, Summary, 1886-1954.
13	63	Transformers. Agents' Handbook, 1900-1920.
13	63-1-4	Instruction books, 1906-1907.
13	63-6	Transformer catalog, 1894.
13	63-7	Pittsfield Works. 1927.
13	63-8	Transformer Mfg. Facilities. 1910.
13	63-9	Selling Guide Preferred Design Power Transformers.
13	63-10	Instruction Book- Large High Voltage Transformers. 1909.
Oversized	63-11	Efficiency Chart for Power Transformers. 1957.
13	63-13 c.1-2	Pittsfield Works News 50 th Anniversary Issue, 12-4-64.
13	64	Transformers—History, 1831-1924.
13	64-A	Stanley Transformer Centennial Exhibition –Smithsonian Institute, Wash. Stanley Centennial news clippings, 1958.
13	64-C	William Stanley “Line Tamer”.
13	65	“Great Capacitor Goof”—Wall Street Journal, August 13, 1957.
13	67	EHV Project. 1958.
13	69	Anti-trust Case. 1959.
13	--	Old slides used by Mr. Perrine in S.K.C. system. (Not on original list)
Oversized	74-5 & 6	Berkshire Eagle Scrap books, No. 1 and No. 2.
14	78	GE-IUE (AFL-CIO) Memoranda of negotiations. 1958.

Rev. 3/5/2010

William Stanley Collection

14	79	Lightning Arrester Pamphlets, 1902-1959.
14	80	Lightning Arrester Pamphlets, 1899-1917.

William Stanley Collection

Addendum.

<u>Box</u>	<u>Historical File #</u>	<u>Item</u>
15	Add. 2	Cummings C. Chesney- Addresses and Papers- one envelope.
15	Add. 3	Stanley Biographical Material- file folder.
15	Add. 4	Miscellaneous Stanley Company Material- file folder of correspondence.
15	Add. 5	Perfection of Detail of GE Distribution Transformers- January 4, 1932.
15	Add. 6	Series Incandescent Street Lighting System, G.E. Co., May, 1912- June, 1912 (bulletins).
15	Add. 7	Notebook of black & white, 8 x 10 photos of Stanley Company people & materials.
15	Add. 8	Photograph Album/Scrapbook of Stanley Manufacturing Company.
15	Add. 9	General Electric Scrapbook History- 1878-1953.
15	Add. 10	Power Transformer Department- June 7, 1968, Press Preview Portfolio.
15	Add. 11	Power Transformers- G.E. Co.- June 12- pamphlet.
15	Add. 12	Auto Transformers- G.E. Co.- Engineering Dept. Technical Letter, October 1913.
15	Add. 13	Synchronous Converters- G.E. Co., Technical Letter No. 320, May 1912.
15	Add. 14	“New Unit Is Shipped From Here,” –newspaper clipping from <u>The General Electric News</u> , September 28, 1956.
15	Add. 15	Fiftieth Anniversary of the Establishment of the Alternating Current System in America, March 20, 1936. Pamphlet.
15	Add. 16	“Utility Power Unit Heads for First Installation”- newspaper article from <u>New York Times</u> , September 28, 1956.

William Stanley Collection

- 15** Add. 17 “Another First for Pittsfield”- newspaper article from The Pittsfield Works News, September 28, 1956.
- 15** Add. 18 Small leather notebook- Stanley Electric Manufacturing Company- Pittsfield, MA, February 1, 1896.
- 15** Add. 19 Pittsfield apparatus- Photographs.
- 15** Add. 20 A-K Steinmetz Lectures- First Annual through Eighth Annual; Tenth Annual; Seventeenth Annual; Twenty-fourth Annual- eleven pamphlets, delivered before A.I.E.E. 1925-1952.
- 15** Add. 21 “Step-Sons of Thor”- article from PTM, Magazine of GE Test Alumni Association, Spring 1950.
- 15** Add. 22 A-L Various articles from PTM, Magazine of GE Test Alumni Association: A. January 1929, B. Summer 1929, C. Autumn 1929, D. Winter 1930, E. Spring 1930, F. Spring 1931, G. autumn 1931, H. Winter 1931, I. Winter 1937, J. Misc. Back Covers, K. Misc. Articles, L. Misc. Loose Pages.
- 15** Add. 23 “Proving Installation” & “Perfecting Bushings”- GE Co. Ad.
- 15** Add. 24 Silver-Marshall, Inc., ABC and B Power Units- small brochure.

William Stanley Collection

Photographs and Prints.

<u>Box</u>	<u>Historical File #</u>	<u>Item</u>
15	--	Portrait of William Stanley.
16	--	Portrait of Michael Faraday.
16	--	Certificate to Jas. E. Cutler from the S.K.C. Specialty Company.
16	--	"The Alchemist," Commemorative Print of the Fifteenth Anniversary of the Union of Pure Applied Chemistry of the National Bureau of Standards.
16	--	Commemorative Portrait of Edward M. Hewlett.
16	--	Portrait of J. H. Wollaston.
16	--	Portrait of Samuel F. B. Morse.
16	--	Portrait of Leopold Ginelin.
16	--	Portrait of Dr. Irving Langmuir.
16	--	Portrait of Michael Faraday.
16	--	Portrait of Pascal.
16	--	Portrait of Black.
16	--	Portrait of Leibnitz.
16	--	Portrait of James Watt.

William Stanley Collection

Oversized Boxes

<u>Box</u>	<u>Historical File #</u>	<u>Item</u>
Oversized	--	Mounted photographs of Charles Steinmetz (2).
Oversized	--	Mounted photograph: F.W. Peek, Pioneer High Voltage Engineer.
Oversized	--	Mounted photograph: Charles Steinmetz and Thomas Edison.
Oversized	--	Mounted photograph: William Stanley.
Oversized	--	Enlarged photograph: William Stanley.
Oversized	--	Enlarged photograph: "Lighting Main Street."
Oversized	--	Photograph: Transportation Department, 4 th July, 1906.
Oversized	--	Enlarged photograph: "Plant Manager C.C. Chesney and Stanley transformer."
Oversized	--	Enlarged photograph: "First Alternating Plant- Old Rubber Mill."
Oversized	--	Enlarged photograph: "Opening of Project EHV in Lenox-1960"

William Stanley Collection

Missing Materials:

<u>Historical File #</u>	<u>Item</u>
14	Letter: Wm. Stanley to George Westinghouse. 1889.
21-2	History by S.W. Ashe. Photos of Renne & Clapp Ave. Plants. List of Co. Directors, Personnel, etc.
46-B	Nameplate from painting of Faccioli.
46-C	“Wm. Stanley, Pioneer in Electric Power Energy” by S. Sag, 1874.
49-B	Stanley/Faccioli letters. 1909, 1914.
49-E	Redisposition of Lab. models & apparatus.
50	Fourth Annual Dinner Program. 1911.
50-1	Yearbook—1925-1926.
50-2	Yearbook—1926-1927.
50-3	Yearbook—1927-1928.
56-A	“Men and Volts; the story of general Electric,” 1941 (Booksale)
58	Albany Times Union, May 31, 1948 (2 pages), Pittsfield, Mass., The Gem city of the Berkshire Hills, Berkshire Athenaeum—75 th Anniversary (1872-1947) “What happened then?”
58-A	Source material for Willison’s book on Pittsfield.
59-2	G.E. Chapter from History of the City of Pittsfield.
59-3	G.E. Dates in Pittsfield. 1887-1957.
59-6	Pittsfield Journal, April 1914 (6 pages) Springfield Republican, Dec. 20, 1913.
59-7	Pittsfield Works- open house. 1950.
59-8	Info. & rules for employees. July 1, 1924.

William Stanley Collection

- 59-9 Suggestion System, July, 1924.
- 59-10 Policies, 1935, 1937.
- 59-11 Telephone Book, 1925.
- 59-12 Annual Report, 1918.
- 59-16 G.E. Group Photo.
- 59-17 “150th Anniversary Edition,” Berkshire County Eagle (July 26, 193-)
- 59-20 Transformer Devise Organization Directory. 1963.
- 61-1 “In Memoriam” N.B.L.A. Bulletin.
- 61-2 Dedication of Commemorative Tablet Program.
- 62-B Some G.E. ‘Firsts’ in Power Transformers (1963-1966) and References. 1966.
- 62-C Permalge II Distribution Transformers (1886-1968)- from GEA 8512, 1968.
- 62-D Building extra years of service.
- 63-5 “Transformers” (prepared for home study) Int’l Correspondence Schools. 1930.
- 63-12 Calrod unit—C.C. Abbot—News Clipping 7/70
- 64-B “Wm. Stanley Day” 1960.
- 66 “Exploring G.E.”, by Theodore Herberg. 1958.
- 68 Westinghouse Electric Co.—Wall Street Journal, Sept. 24, 1959. 2-page adv.
- 70 Power Transformer Dept. Modernization Plans, 1965.
- 70-A Power Transformer High Voltage Test. Nat’l Geographic, August 1970, p. 206.
- 71 Wm. Stanley Library—Bldg.42 (1923); Bldg. 8 (1956)

William Stanley Collection

- 71-A Pittsfield Works Lab.—Pamphlet prepared & presented to A. McK. Gifford, 1948. (Includes photo of A. B. Hendricks and Lavender Smith)
- 71-B Pittsfield Works Lab. Notebook of clippings & photos- “Student Tour for Chemists & Chemical Engineers” April 1947.
- 71-C Pittsfield/Schenectady Works Lab. “First Conference of Professors of Chemistry and Chemical Engineering” Sept. 1947.
- 71-D Pittsfield/Schenectady Works Lab. “Conference with Professors of Chemistry and Chemical Engineering” Aug. 1948.
- 71-E Film—“There is a Difference”—c.1950 and Film— Transformers—c.1936
- 72 Materials Technology Lab. Photos, Pamphlets, etc. 1967.
- 72-A MFLO Booklet, “King Solomon’s Mines”—Long-Range Planning Meeting, Aug. 28, 1973.
- 73 ELFUN Society—Photos, Minutes of Meetings, etc.
- 74-1-4 G.E. Strike, 1969-70, Documentation Filed in the Wm. Stanley Library.
- 75 Encyclopedia admits error—Transformer pioneer can now rest (Springfield Union- 3/20/75)
- 76 Effect on nat’l security of imports of EHV power circuit breakers and EHV power transformers and reactors, July 1972.
- 77 D. J. Moran, Foundry Foreman- Moulded figure of Confederate Cavalry leader in Richmond, Vt.—News clipping—Eagle c. 1940.
- 81 Charles A. Coffin (1844-1926) by Charles A. Wilson (Kearomer [sic] Society)
- 82 R. L. Gibson speeches.