



## Frank Lyman Papers

1904-1991

6 boxes (9 linear feet)

Call no.: MS 735

### Collection overview

A manufacturer of electronics and radio communications, Frank Lyman was a native of Northampton and graduate of the Williston Academy and Harvard (class of 1931). The grandson of Joseph Lyman and great-nephew of Benjamin Smith Lyman, Lyman joined Harvey Radio in the late 1930s, during a time when it was building radio transmitting equipment, purchasing the company in 1940 and becoming its president. An investor in Boston-area radio stations, Lyman oversaw the company's post-transition into the manufacture of of autmomatic machines and tooling and its merger into the electronics firm, Cambridge Thermionic Corporation (later renamed Cambion) in 1968. Lyman died in 1992, followed by his wife, Jeanne (Sargent), in 2005.

The Lyman Papers contain business correspondence and associated documents relating to both Harvey Radio Corporation and Cambridge Thermionic Corporation, along with associated materials pertaining to Frank Lyman's investments and personal interests. Beginning during his time at the Williston Academy and extending through his adult life, the collection includes Lyman's diaries and a small amount of personal correspondence.

### Background on Frank Lyman, Jr.

A manufacturer of electronics and radio communications, Frank Lyman was a native of Northampton and graduate of the Williston Academy and Harvard (class of 1931). He went on to own and operate the WNBX Radio Station (Springfield, VT) shortly after graduating from college with a specialization in Engineering and Physical Sciences in 1931. The grandson of Joseph Lyman and great-nephew of Benjamin Smith Lyman, Lyman joined Harvey Radio in the late 1930s, during a time when it was building radio transmitting equipment, purchasing the company in 1940 and becoming its president. An investor in Boston-area radio stations, Lyman oversaw the company's post-transition into the manufacture of of autmomatic machines and tooling and its merger into the electronics firm, Cambridge Thermionic Corporation (later renamed Cambion) in 1968. Upon his father, Frank Lyman Sr.'s death, in 1938, he became the overseer of his father's estate and family investments in coal production. Lyman died in 1992, followed by his wife, Jeanne (Sargent), in 2005.

### Scope of collection

The Frank Lyman Papers contain business correspondence and associated documents relating to both Harvey Radio Corporation and Cambridge Thermionic

Corporation, along with associated materials pertaining to Frank Lyman's investments and personal interests. It also contains correspondence and journals related to WNBX Broadcasting Corporation (Springfield, VT), also operated by Lyman before he played a role in Cambridge Thermionic Corporation previously Harvey Radio Labs. Approximately three cubic boxes of records contain Harvey Radio Labs/Cambridge Thermionic Corporation materials such as correspondence, memoranda, audits, financial statements, reports, and production notes and information extending from the time Lyman began working for them in the late 1930s until the 1980s. Beginning during his time at the Williston Academy and extending through his adult life, the second series in the collection includes several cubic boxes of Lyman's coursework, diaries, notes, photographs, and a small amount of personal correspondence, including a file of correspondence with his mother, Florence Porter Lyman (1870-1960). The remainder includes the third series which contains material related to the WNBX Broadcasting Corporation such as Lyman's personal journals and correspondence as they relate to the operation of the station.



*Frank Lyman, ca. 1945*

## Series descriptions

### **Series 1. Harvey Radio Labs/Cambridge Thermionic Corporation Records      1926-1987**

This series contains correspondence, notes, and official business records such as forms, patents, contracts, audits, financial statements, policies, regulations, commissions, and reports related to Harvey Radio Labs/Cambridge Thermionic Corporation covering the primary functions of the corporation, namely the production of radio equipment as well as color prints, film and cameras after World War II. The records span Lyman's time there ranging from the late 1930s to the 1980s. They cover the following subjects as pertaining to the corporation: finances, contracts, labor, operations, production, advertising, hiring, as well as expanding physically to a new plant and experimenting with color film and print sales with the creation of a color print and film division to pioneer development. The series also contains government contracts in the post-World War II era related to the development of cameras for aircraft (F-8) and radio technology.

**Series 2. Personal Materials****1904-1991**

This series contains correspondence, diaries, journals, coursework, notes, logbooks, financial accounts and other informal publications such as investment and stakeholders notices and reports, along with bulletins, newspapers, photographs, and slides covering the personal life of Frank Lyman, including his education at Williston Academy and Harvard University, and his leisure activities during work and retirement. Coursework and notes cover Lyman's studies in the hard sciences such as Physics and Chemistry, while at Williston Academy (Easthampton, Mass.) and Harvard University until his graduation in 1931. The series further contains notes, logs and journals spanning the course of Lyman's life ranging from private speculations about the outcome of international events and war on production to planned meetings and weekend activities. It contains annual stakeholder and investment reports spanning the 1940s primarily from utilities, heavy industry and telecommunications companies. Photographs and slides depict Lyman's vacations as well as his 55th and 60th Harvard University Reunions. It also contains organizational ephemera and informal publications of the organizations that he was involved in such as the Rotary Club of Cambridge and the Boston Yacht Club.

**Series 3. WNBX Broadcasting Corporation Records** **1933-1937**

This series contains correspondence, accounts, and relevant journals containing notes on broadcasting from the WNBX Broadcasting Corporation from the 1930s covering a range of subjects involving radio station management such as security, frequencies, technical details or formulas and regulations over radio communications in the United States.

**Inventory****Series 1. Harvey Radio Labs/Cambridge Thermionic Corporation Records** **1926-1987**

Correspondence	1926-1987	
General Correspondence	1938-1940	Box 1: 1
General Correspondence	1947-1950	Box 1: 2
Hazeltine Corporation	1939	Box 1: 3
Wells, John M.	1940	Box 1: 4
Interoffice Notices and Memos	1939-1959	Box 1: 5
Interoffice Correspondence	1946-1978	Box 1: 6
Forms, Patents, and Contracts	1939-1954	
War Department Procurement Forms	1941	Box 1: 7
War Department Procurement Forms	1947	Box 3: 18
Standard Government Bid Bond Applications	1926	Box 3: 1
Broadcast Measurement Corporation Forms	1949	Box 1: 9
Bids/Letters of Interest for Government Contracts	1939-1940	Box 1: 10
F-8 Aircraft Camera	1947	Box 1: 12
Daniel E. Noble Patent	1944 Feb	Box 1: 15
Miscellaneous Patents and Product Designs	undated	Box 1: 16

Contract W28-099, ac-76: Proposal and Data	1947	Box 1: 17
Contract W28-099, ac-76: Supplies Forms	1946	Box 1: 18
Contract W28-099, ac-76	1946-1954	Box 1: 19
Contract W28-099, ac-324	1950	Box 1: 20
Contract W28-099, ac-324	1952-1953	Box 1: 21
Contract Adjustments: W28-099, ac-324 and W28-099, ac-76	1950	Box 1: 22
Private Sector Contracts	1939-1940	Box 1: 23
Employer's Insurance Contract	1940 June	Box 1: 24
Licensing Agreements	1940-1948	Box 3: 16
Audits	1947-1954	
Company Audit on Direct Labor	1947	Box 1: 27
Financial Audit	1948	Box 1: 28
Financial Audit	1949 Mar	Box 1: 29
Financial Audit	1949 May	Box 1: 30
Financial Audit	1949 Aug	Box 1: 31
Financial Audit	1949 Nov	Box 1: 32
Financial Audit	1950 Feb	Box 1: 33
Financial Audit	1950 Nov	Box 1: 34
Financial Audit	1951 Apr	Box 1: 35
Financial Audit	1951 Aug	Box 1: 36
Financial Audit	1952 Aug	Box 1: 37
Financial Audit	1952 Nov	Box 1: 38
Financial Audit	1953-03	Box 1: 39
Financial Audit	1954 Apr	Box 1: 40
Color Prints Division	1946-1947	
16 MM Color Film Costs	1947	Box 1: 41
Color Prints Reports	1946 June	Box 1: 42
Color Prints Reports	1946 July	Box 1: 43
Color Prints Reports	1946 Aug	Box 1: 44
Color Prints Reports	1946 Sept	Box 1: 45
Color Prints Reports	1946 Oct	Box 1: 46
Color Prints Reports	1946 Nov	Box 1: 47
Color Prints Reports	1946 Dec	Box 1: 48
Color Prints Reports	1947-01	Box 1: 49
Color Prints Reports	1947 Jan	Box 1: 50
Color Prints Reports	1947 Mar	Box 1: 51
Daily Color Prints Reports	1947 Apr	Box 1: 52
Daily Color Print and Film Reports	1947 May	Box 1: 53
Daily Color Print and Film Reports	1947 June	Box 1: 54
Daily Color Print and Film Reports	1947 July	Box 1: 55
Daily Color Print and Film Reports	1947 Aug	Box 1: 56
Daily Color Print and Film Reports	1947 Sept	Box 1: 57
Daily Color Print and Film Reports	1947 Oct	Box 1: 58
Daily Color Print and Film Reports	1947 Nov	Box 1: 59
Daily Color Print and Film Reports	1947 Nov-Dec	Box 1: 60
Daily Color Print and Film Reports	1947 Dec	Box 1: 61
Daily Color Print and Film Reports	1947 Aug	Box 1: 62
Division Memoranda	1947	Box 1: 63
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Weekly Sales Summary	1946 Aug 21	Box 3: 42
Weekly Sales Summaries	1946 Sept	Box 3: 43
Weekly Sales Summaries	1946 Dec	Box 3: 44
Weekly Sales Summaries	1947 Jan	Box 3: 45
Weekly Sales Summaries	1947 Feb	Box 3: 46
Weekly Sales Summaries	1947 Mar	Box 3: 47
Weekly Sales Summaries	1947 Apr	Box 3: 48
Weekly Sales Summaries	1947 May	Box 3: 49

Weekly Sales Summaries	1947 June	Box 3: 50
Weekly Sales Summaries	1947 July	Box 3: 51
Weekly Sales Summaries	1947 Aug	Box 3: 52
Weekly Sales Summaries	1947 Oct	Box 3: 53
Administration and Operations	1934-1950	
Institute of Radio Engineers Fees	1934	Box 3: 57
Administrative and Operations	1934-1950	Box 2: 2
Safety Appliances for Saws	1939	Box 3: 56
Safety Inspections	1952-1953	Box 3: 58
Time Studies	1953	Box 3: 59
Marketing	1932-1982	
Marketing Strategies	1932-11	Box 2: 1
Marketing, Accounting, and Inventory	1937	Box 2: 3
Marketing and Manufacturing	1977-1981	Box 2: 28
Investment Strategies	1979-1982	Box 2: 29
Production: Inventory, Cost and Labor Organization	1937-1987	
Production, Inventory Plans for New Plant	1937	Box 2: 4
Cost Sheets and Labor Output	1937	Box 2: 5
Production	1939-1940	Box 2: 9
Production Schedules	1939	Box 2: 11
Production	1969-1987	Box 2: 14
Production Planning with Calendars	1976-1978	Box 2: 16
Production Planning with Calendars	1978-1981	Box 2: 17
Labor Organization at Pittsfield (N.H.) Plant	1976-1977	Box 2: 18
Labor and Operations Challenges	1976-1977	Box 2: 19
Manufacturing and Production Cost Summaries	1976-1978	Box 2: 20
Production Policy Development	1976-1978	Box 2: 21
Policy Development Meeting	1978	Box 2: 22
F. Mills File and Production	1978	Box 2: 23
CEPL Production	1978	Box 2: 24
Price-Monitoring for Pins and Sockets	1978	Box 2: 25
Outage/Output Production	1977-1981	Box 2: 27
Costs Data	undated	Box 2: 6
Accounting:Received, Receivable, Payable	1933-1954	
Accounts Receivable/Trial Balance Sheets	1936-1938	Box 3: 21
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Accounts Received	1947	Box 3: 28
Accounts Payable	1946	Box 3: 34
Accounts Payable	1947	Box 3: 35
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Trial Balance Sheets	1947	Box 3: 32
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Sales	1936-1975	
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Departmental Receipts and Recommendations	1938-1939	Box 3: 40
Invoices	1947	Box 1: 11
Goals and Policy Development Notes	1965-1975	Box 3: 41
Discount Schedule	undated	Box 2: 10
Equipment	1937-1990	

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Costs	1940	Box 2: 12
Description(Proposal no. 900)	1940	Box 3: 5
Instructiuons and Specifications	1940	Box 3: 6
Inventories	1937-1954	Box 3: 10
Notes	1937-1990	Box 3: 9
Shellubrication Certification	1948	Box 3: 2
Statistics on Exports of Electrical Equipment	1950	Box 2: 13
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Magcentric Tests	1970	Box 2: 15
Informational Packets for Programable Controllers	1981	Box 5: 36
Personnel/Hiring	1939-1978	
Time Charts	1939	Box 2: 7
Salary Information	1940 Aug	Box 2: 8
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Job Descriptions for Hiring	1978	Box 2: 26
Radio Policies, Commissions, and Regulations	1940-1950	
National Defense Procurement Regulations	1940	Box 3: 13
Federal Communications Commission Hearing Records	1946	Box 3: 13
WHEB Broadcasting Settlement	1948-1949	Box 3: 12
Federal Communications Commission Broadcasting Rules	1950	Box 3: 14
Engineering Reports and Model Specs	1938-1958	
Valpey Piezo Quartz Firm	1938	Box 3: 4
Miscellaneous Industrial Vendors	ca. 1940	Box 4: 14
Perkins-Elmer Corporation	1956-1958	Box 3: 60
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Davidson Manufacturing Company	undated	Box 3: 61
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Coal Run Land Company	1937-1938	Box 4: 3
Howards, Morton B.	1938-1939	Box 4: 4
Lyman, Florence Porter	1936-1938	Box 4: 5
Miscellaneous	1923-1989	Box 4: 6
Rush Creek Land Company	1937-1938	Box 4: 7
United States Trust Company	1939	Box 4: 8
Wilder, Harry C.	1937	Box 4: 9
Diaries	1976-1986	
Diary	1976	Box 2
Diary	1983	Box 2
Diary	1984	Box 6
Diary	1985	Box 6
Diary	1986	Box 6
Planners	1987	
Daily Reminder Planner	1987	Box 2
Notebooks, Journals, Personal Notes and Logs	1938-1992	
Copper Stocks Notes	1938	Box 4: 36
Family Activities and Vacation Notes	1966	Box 5: 7
Yacht Log Book Roster	1968	Box 6: 11
Log of Daily Activities	1969-1988	Box 5: 5
Notes/To Do Lists	1969-1992	Box 5: 2
Satelite Dish Manuals and Notes	1982-03	Box 5: 3

Satelite Dish and Telescope Notes	1982	Box 5: 8
Notes	1984	Box 5: 4
Spanish Language Notes	ca. 1984	Box 5: 9
Pittsfield Town Council Notes	1985	Box 5: 10
Notebook with Newspaper Clippings	1986	Box 6
Radio Station Work Log	1991	Box 6: 3
Coursework	1925-1932	
Williston Academy Lab Work	1925	Box 6: 7
Chemistry (A) Notebook	1928	Box 6: 1
Chemistry (A) Notebook	1929	Box 6: 2
Harvard Business School	ca. 1930	Box 5: 11
Industrial Management Course Assignment	1932 Nov	Box 5: 12
Federal Communications Commission (U.S.)	1937-1938	
Address on Communications Act	1936-1937	Box 4: 16
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Interstate and Foreign Commerce Committee	1934-1954	
Memos and Plan	1954	Box 5: 38
House Resolution 8301/s.2910	1934	Box 5: 39
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American Power and Light Company Annual Reports	1930-1937	Box 4: 20
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American Telephone Company Annual Reports	1942	Box 4: 22
American Telephone Company Stakeholder Prospectus	1941	Box 4: 23
American Telephone Company Annual Reports	1935-1941	Box 4: 24
Bath Iron Works Corporation Annual Reports	1937-1940	Box 4: 25
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Bath Iron Works Corporation Annual Report	1942	Box 4: 27
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Bath Iron Works Shareholders' Meetings Notices and Agendas	1940-1945	Box 4: 29
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Cornell-Dubilier Electric Corporation Annual Report	1939	Box 4: 37
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Eastern Oregon Timber Syndicate Reports	1940-1943	Box 4: 39
Edward G. Budd Manufacturing Annual Reports	1934-1936	Box 4: 40
Edward G. Budd Manufacturing Notices and Annual Reports	1934-1946	Box 4: 41
Eisler Electric Corporation Reports	1938-1945	Box 4: 42
Fairchild Engine and Airplane Corporation Meeting Notices and Reports	1944-1949	Box 4: 43
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Rayfone Corporation Notes and Files	1938	Box 4: 45
Reynolds' Metals Company Stockholders' Notice	1944	Box 4: 46
Texas Company Annual Report	1947	Box 4: 47
United Airlines Transport Corporation Stockholders' Notice	1936	Box 4: 48
Weston Electrical Instrument Corporation Report	1932	Box 4: 49
Bank Accounts and Statements	1933-1940	
Harvard Trust Company Bank Statements and Receipts	1933-1939	Box 5: 23
Harvard Trust Company Monthly Bank Statements	1936	Box 5: 26
Harvard Trust Company Monthly Bank Statements	1937	Box 5: 27
Harvard Trust Company Monthly Bank Statements	1938	Box 5: 28

Harvard Trust Company Monthly Bank Statements	1939	Box 5: 29
Harvard Trust Company Monthly Bank Statements	1940	Box 5: 30
Harvard Trust Company Monthly Bank Statements	1941	Box 5: 31
United States Trust Agency Bank Accounts	1938-1940	Box 4: 50
United States Trust Agency Bank Accounts	1940	Box 4: 51
Organizational Ephemera, Informal Publications and Catalogs	1904-1991	
Harvard College Class of 1874	1904	Box 2
Williston Academy Seniors' Day Exercises	1927 June	Box 6: 8
Boston Yacht Club, 104th Anniversary Publication	1970	Box 2
Miscellaneous Meeting and Lecture Announcements and Notices	1979-1980	Box 5: 21
Harvard Club of New York City Roster	1980	Box 2
Rotary Club of Cambridge (Mass.) Roster	1981-1982	Box 2: 10
Harvard Club Roster, 75th Anniversary	1983	Box 6
Long's Electronics catalogue	ca. 1980	Box 5: 37
Harvard Class of 1931 Directory (60th Reunion)	1991-06	Box 6: 9
Harvard University 60th Reunion Programs and Bulletins	1991	Box 5: 20
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Income Tax Forms	1936-1940	Box 5: 40
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Radio Operator's License Issued to Frank Lyman Jr.	undated	Box 5: 6
News Bulletins and Papers	1936-1975	
Air Commerce Bulletin	1936-1937	Box 5: 25
Television Digest and FM Reports	1948	Box 5: 32
Boston University News	1949-03	Box 5: 33
Newspaper clippings related to Radio	1975	Box 5: 34
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Harvard University 55th Reunion Color Photographs	1986	Box 5: 14
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### Series 3. WNBX Broadcasting Corporation 1933-1937 (Springfield, VT)

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Correspondence	1936-1937	Box 4: 12
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Accounts	1935-1936	Box 4: 11
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Broadcasting Notebook	1934-1935	Box 6: 3
Broadcasting Notebook	1933	Box 6: 5
WNBX Broadcasting Station Journal	1936-1937	Box 5: 1

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## Access

The collection is open for research.

## Provenance

Gift of Christine Lyman Chase, 2012.

## Processing Information

Processed by Michelle C. Sigiel, November 2017.

## Language:

English

## Copyright and Use (More information )

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## Search terms

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### Subjects

- Cambridge (Mass.)
- Harvard University--alumni
- Lyman, Florence Porter, 1870-1960
- Radio broadcasting--Massachusetts
- Radio--History
- Williston Academy (Easthampton, Mass.)

### Contributors

- Lyman, Frank, 1908-1992 **[main entry]**

### Genres and formats

- Correspondence
- Diaries
- Photographs