George H. Clark Radioana Collection

NMAH.AC.0055

1990

This finding aid was generated automatically on September 2, 2014
# Table of Contents

Collection Overview................................................................................................................................. 1
Administrative Information .......................................................................................................................... 1
Biographical Note.......................................................................................................................................... 4
Brief Company Histories From The Radio Industry, 1900-1930s.............................................................. 5
Scope and Content Note.............................................................................................................................. 14
Arrangement.................................................................................................................................................. 15
Names and Subject Terms .......................................................................................................................... 18
Container Listing........................................................................................................................................ 19

Series 1: Library Operating System, 1915-1950...................................................................................... 19
Series 2: Apparatus Type Numbers, 1916-1931..................................................................................... 20
Series 3: Photographic Lists, 1925-1928................................................................................................. 21
Series 4: Biographies of Radio Personages, Technical, 1898-1948....................................................... 22
Series 6: Shore Stations, 1900-1940....................................................................................................... 62
Series 7: Marine Stations, 1900s-1930s.................................................................................................... 64
Series 8: Broadcasting Stations, 1910s-1940s...................................................................................... 65
Series 9: Amateur Stations, 1910s-1940s................................................................................................. 66
Series 10: Miscellaneous Information, 1911-1919............................................................................... 67
Series 11: Radio Antiques, 1892-1938..................................................................................................... 68
Series 13: Specifications of Radio Apparatus, 1910s-1930................................................................... 69
Series 14: General History, 1899-1950s................................................................................................. 70
Series 15: Radio Companies Catalogues & Bound Advertisements, 1873-1941.................................... 71
Series 16: Log Books, 1902-1923............................................................................................................ 72
Series 17: Radio Companies' House Organs, 1896-1942.................................................................... 73
Series 18: Prime Movers, 1904-1911...................................................................................................... 75
Series 19: Batteries, 1898-1934............................................................................................................... 76
Series 20: Rectifiers, 1875-1935.............................................................................................................. 77
Series 21: Motor Generators, 1898-1936................................................................................................ 78
Series 22: Nameplates of Apparatus, 1928............................................................................................. 79
Series 23: Switchboards and Switchboard Instruments, 1910-1935..................................................... 80
Series 24: Radio Frequency Switches, 1905-1933.............................................................................. 81
Series 25: Transmitter Transformers, 1893-1936
Series 26: Operating Keys, 1843-1949
Series 27: Power Type Interrupters, 1902-1938
Series 28: Protective Devices, 1910-1925
Series 30: Message Blanks, 1908-1938
Series 31: Transmitter Condensers, 1849-1943
Series 32: Spark Gaps, 1899-1943
Series 33: Transmitter Inductances, 1907-1922
Series 34: Transmitter Wave Changers, 1907-1924
Series 37: Arc Transmitters, 1907-1940
Series 38: Vacuum Tube Type of Radio Transmitter, 1914-1947
Series 39: Radio Transmitter, Radio Frequently Alternator Type, 1894-1940
Series 41: Vacuum Tubes, Transmitting Types, 1905-1948
Series 43: Receiving Systems, 1904-1934
Series 45: Broadcast Receivers, 1907-1948
Series 46: Code Receivers, 1901-1948
Series 47: Receiving Inductances, 1898-1944
Series 48: Receiving Condensers, 1871-1946
Series 49: Audio Signal Devices, 1876-1947
Series 50: Detectors, 1878-1944
Series 51: Amplifiers, 1903-1949
Series 52: Receiving Vacuum Tubes, 1905-1949
Series 53: Television Receivers, 1928-1948
Series 54: Photo-Radio Apparatus, 1910-1947
Series 59: Radio Schools, 1902-1945
Series 60: Loudspeakers, 1896-1946
Series 61: Insulators, 1844-1943
Series 62: Wires, 1906-1945
Series 63: Microphones, 1911-1947
Series 64: Biography, 1925-1948
Series 66: Antennas, 1877-1949
Series 67: Telautomatics, 1912-1944
Series 69: Direction Finding Equipment, Radio Compasses, 1885-1948
Series 124: Chronology, 1926-1937................................................................. 159
Series 126: Phonographs, 1894-1949............................................................. 165
Series 127: Piezo Electric Effect, 1914-1947.................................................. 168
Series 128: Arc Transmitting and Receiving Systems, 1904-1922............... 169
Series 129: Spark Systems, 1898-1941.......................................................... 170
Series 130: Vacuum Tube Systems, 1902-1939.............................................. 171
Series 132: Radiophone Transmitting and Receiving System, 1906-1947.... 172
Series 133: Photo-Radio, 1899-1947.............................................................. 173
Series 134: History of Radio Broadcasting, 1908-1952................................. 174
Series 135: History of Radiotelephony, Other Than Broadcasting, 1900-1948.. 175
Series 138: Tranoceanic Communication, 1915-1943.................................... 177
Series 139: Television Transmitting Stations, 1926-1944.............................. 178
Series 140: Radio Theory, 1902-1946............................................................ 179
Series 142: History of Television, 1919-1949............................................... 180
Series 143: Photographs, 1931...................................................................... 181
Series 144: Radio Publications, 1903-1940................................................... 182
Series 145: Proceedings of Radio Societies, 1910-1948................................. 183
Series 146: Radio Museums, 1922-1947........................................................ 184
Series 147: Bibliography of Radio Subjects and Apparatus, 1910-1946......... 185
Series 148: Aircraft Guidance Apparatus, 1919-1948................................... 186
Series 150: Audio Frequency Instruments, 1906-1939................................... 187
Series 151: History of Radio for Aircraft, 1907-1948.................................... 188
Series 152: Circuit Theory, 1853-1948.......................................................... 189
Series 154: Static Elimination, 1904-1943...................................................... 190
Series 161: Radio in Medicine, 1899-1948.................................................... 191
Series 162: Lightning, 1905-1949................................................................. 192
Series 163: Police Radio, 1922-1940.............................................................. 193
Series 169: Cartoons, 1916-1949................................................................. 194
Series 173: Communications, Exclusive of Radio (after 1895), 1895-1949..... 195
Series 174: Television Methods and Systems, 1928-1944.......................... 196
Series 182: Military Portable Sets, 1905-1939.............................................. 197
Series 189: Humor in Radio, 1904-1950.............................................................. 198
Series 209: Short Waves, 1917-1955................................................................. 199
Series 226: Radar, 1900-1949.......................................................................... 200
Series 233: Television Transmitters, 1900-1932.............................................. 201
Series B: George H. Clark Radioana Collection of Photographs By Class or Series.......................................................... 214
Series C: Clark Unorganized and/or Duplicate Photographs....................... 215
Series D: Miscellaneous Radio Material.......................................................... 220
Series E: Newspaper Clippings Concerning Growth of the Radio Industry, 1912-1937................................................................. 222
Series F: Radio Publications, 1903-1957.......................................................... 223
Series G: Darby & Darby, Attorneys Patent Files, circa 1914-1935................ 225
Series H: Blank Telegram Forms.................................................................. 227
Series I: Miscellaneous Series...................................................................... 228
Series J: Research and Laboratory Notebooks.............................................. 230
Series K: Index to Photographs of Radio Executives & Technical Types........ 232
Series L: Index to Bound Volumes of Various Series..................................... 233
Series M: Index to Photographs of David Sarnoff......................................... 234
Series N: Federal Government Personnel Files, 1893-1934......................... 235
**Collection Overview**

<table>
<thead>
<tr>
<th>Repository:</th>
<th>Archives Center, National Museum of American History</th>
</tr>
</thead>
<tbody>
<tr>
<td>Creator:</td>
<td>Clark, George Howard, 1881-1956</td>
</tr>
<tr>
<td>Title:</td>
<td>George H. Clark Radioana Collection</td>
</tr>
<tr>
<td>Dates:</td>
<td>circa 1880-1950</td>
</tr>
<tr>
<td>Quantity:</td>
<td>220 cubic feet, 700 boxes</td>
</tr>
<tr>
<td>Abstract:</td>
<td>The collection forms a documentary record of over half a century of the history of radio, with the greatest emphasis on the period 1900-1935. The collection includes materials that span the entire history of the growth of the radio industry. It is useful for those historians and other researchers interested in technological development, economic history, and the impact of applications of technology on American life.</td>
</tr>
<tr>
<td>Language:</td>
<td>English</td>
</tr>
</tbody>
</table>

**Administrative Information**

**Acquisition Information**

The collection was donated to the Smithsonian in 1959.

**Provenance Information**

The collection was transferred from the Division of Electricity (now the Division of Work and Industry), on June 27, 1983.

**Provenance Information**

George H. Clark died in 1956 and his collection was subsequently given to the Massachusetts Institute of Technology. In 1959 the collection was given to the Smithsonian's new Museum of History and Technology, where space was available to house it. The collection remained in the Division of Electricity until the spring of 1983 when it was transferred to the Archives Center.

George H. Clark assembled this collection over a fifty year period. He purchased books, newspapers, and periodicals, and spent, it seems, all his spare time pasting these onto sheets of paper. Occasionally he received donations, both large and small, from former wireless colleagues. From time to time, he also obtained large bodies of disparate material from other sources. These include business records, laboratory notes, correspondence, reminiscences, and other materials. Clark apparently kept no records of materials he received. See series 1 for additional information on Clark as a collector.

Listed below are some of the major sources of the collection.

**US Army, Records of the U. S. Signal Corps**
Donated by Captain Evans and Captain Guy Hill.

**American Telephone and Telegraph Company**

Clark received a large batch of material that John Stone Stone had stored with AT&T in 1912.

**De Forest Companies**

Clark obtained some material directly from the company, while some came from RCA.

**Philip Farnsworth**

Farnsworth was a radio industry lawyer (one of his clients was Wireless Specialty Apparatus Company (WSA)) from whom Clark purchased books and legal records, the latter containing a wealth of engineering material.

- 50 Volumes of material on radio litigation.
- Set of US Patents.

**WSA**

Complete files of correspondence.

**John Firth**

engineering files.

**Federal Government Personnel Files**

These personnel files, the Official Personnel Folders (OPF), of federal employees of the Weather Bureau and some other agencies were obtained by Robert S. Harding from the U. S. Office of Personnel Management, Record Appraisal and Disposition Division (NIR), St. Louis, Missouri. General Records Schedule 1 provides that an OPF may be disposed of to a suitable institution if the individual is more than seventy-five years of age, and has been out of the Federal service more than five years.

**Fessenden Materials**

At the close of the National Electric Signaling Company's (NESCO) receivership, Clark received a large volume of NESCO's files, including photographs, books, and legal records. He also received Fessenden material from Massie, W. S. Fitzpatrick, Jack Duffy, WSA, and Dublier.

**Dr. Alfred N. Goldsmith**

First donations of material to be added to the Clark collection by someone other than Clark. When Dr. Goldsmith changed his vocation from teaching to inventing he turned over a large number of early works, including books and pamphlets.

**Marconi Wireless Telegraph Company**

Some very old material not of great bulk was obtained from Mr. Pillsbury, W.S. Fitzpatrick, and Jack Duffy. From Russell Hoffman some records of the Marconi Company were obtained that had been discarded from RCA files. On the dissolution of the firm of Sheffield and Betts, Clark bought some material, from chief clerk John Herr. This consisted mainly of large volumes of litigation, old exhibits, and some early data on Marconi.
Julius Martin

Martin was an electrical expert aide for the US Navy and a collector of wireless records with a similar collection to Clark's. Martin gave Clark his entire collection which contained data from all companies, especially many from the earlier periods of wireless, and also data on all U. S. Services.

Morrison

Clark received a large volume of discarded legal files, from which engineering material was extracted for the collection.

US Navy

Julius Martin and George Clark collected material documenting early wireless work in the Navy from Navy sources. These records were duplicates of material in the files of the various Yards and at the Bureau of Steam Engineering in Washington, and in great part consisted of material used by these engineers during the progress of their daily work in Navy Service. Many of the records were written by these men, as specifications, instruction books, and so forth. As a story of the early transmitters and receivers of wireless these sheets may be of value particularly when accompanied by their explanations written in later years.

Radio Corporation of America

These items consist of Clark's log books and many general issue items, for example, press releases, annual reports, and complete files of RCA house organs issued to employees. This latter material was either issued to Clark as an employee or donated to him by others. Clark also collected some material culled from items which had been discarded from the file rooms and sent out for destruction. For example, Clark mentions at one point that he was attempting to save a complete file of the drawings of the Marconi Wireless Telegraph Company of America, which he hoped would form a complete record of the company's apparatus and installations.

Stone Telegraph and Telephone Company

Clark received a "cartload" of records after this company failed. Clark mentions that he was to receive some STTC records from Mr. E. R. Cram. Clark wrote a biography of Stone (Class 4, Box 26, Bound Volumes).

Teledfunken

A small amount of data on this and other German concerns was donated to Clark by Mr. Boehme.

Roy A. Weagant

After his death Clark received some papers of his former colleague who had been chief engineer of the Marconi Wireless Telegraph Company. These consisted mostly of Weagant's work on static reduction. From these papers and his own Clark wrote a biography of Weagant (Class 4, Book 17, Box 29, Bound Volumes)

Processing Information

Preferred Citation

George H. Clark Radioana Collection, Archives Center, National Museum of American History, Smithsonian Institution

Restrictions on Access

The collection is open for research use.
Gloves must be worn when handling unprotected photographs, negatives, and slides.

Ownership & Literary Rights

Collection items available for reproduction, but the Archives Center makes no guarantees concerning copyright restrictions. Other intellectual property rights may apply. Archives Center cost-recovery and use fees may apply when requesting reproductions.

Biographical Note

George Howard Clark, born February 15, 1881, at Alberton, Prince Edward Island, Canada, emigrated to the United States at the age of fourteen. He worked as a railroad telegraph operator for the Boston and Maine Railroad during high school and college. In his unpublished autobiography he wrote:

In 1888, when I was a lad of seven, I suddenly blossomed out as a scrapbook addict, and for years I gave up boyhood games for the pleasure of sitting in a lonely attic and ‘pasting up’ my books … By 1897, in high school, I graduated to beautiful pictures, and made many large size scrapbooks … Around that time, too, I became infatuated with things electrical, and spent many evenings copying in pen and ink the various electrical text books in the Everett, Mass., Public Library. Clark began collecting material pertaining to wireless or radio in 1902. In 1903 he graduated from the Massachusetts Institute of Technology with a Bachelor of Science degree in Electrical Engineering. During his last year of college he specialized in radio work under the instruction of Professor John Stone Stone and after graduation went to work for Stone's radio company, the Stone Telegraph and Telephone Company, of Boston.

In 1908 Clark took a competitive examination open to all wireless engineers in the United States and entered the civilian service of the Navy. He was stationed at the Washington Navy Yard, with special additional duty at the Navy's Bureau of Steam Engineering and at the National Bureau of Standards.

In 1915 Clark helped devise a classification system for Navy equipment, assigning a code number to each item. This system of classification for blueprints, photographs, reports, and general data, was prepared by Arthur Trogner, Guy Hill, and Clark, all civilian radio experts with the US Navy Department in Washington. In 1918 Clark adopted the 1915 Navy classification system for organizing the radio data he was accumulating. Clark created the term “Radioana” at this time. He began spending his evenings and weekends pasting up his collection and numbering pages. At this time he bound the accumulated material. It totaled 100 volumes.

In July 1919, after resigning from the Navy, Clark joined the engineering staff of the Marconi Telegraph Company of America, which became part of the Radio Corporation of America (RCA) later the same year. His first work was at Belmar and Lakewood, New Jersey, assisting the chief engineer, Roy A. Weagant, in his development of circuits to reduce the interference caused by static (static reduction). Clark and his wife were assigned to the unheated Engineer's Cottage. His wife decided not to stay and left for Florida. Clark moved his trunks of wireless material to the heated RCA hotel at Belmar and spent most of the winter "pasting." As Clark mentions, "From that time on I was wedded to scraps."
After a year of work in New Jersey, Clark was assigned to the sales department in New York, where he devised the "type number system" used by RCA. This type number system, for example, gave the designation UV 201 to the company's first amplifier tube.

From 1922 to 1934 Clark was in charge of RCA's newly created Show Division, which held exhibits of new and old radio apparatus at state fairs, department stores, and radio shows. About 1928 Clark started an antique radio apparatus museum for RCA. RCA's board of directors announced:

Recognizing the importance of providing a Museum for the Radio Art to house the rapidly disappearing relics of earlier days, and the desirability of collecting for it without further delay examples of apparatus in use since the inception of radio, the Board of Directors of RCA has made an initial appropriation of $100,000, as the nucleus of a fund for the establishment of a National Radio Museum. A plan for ultimately placing the museum under the wing of the Smithsonian Institution was coupled with the goal of the Institution's gathering the largest possible library of wireless data.

Around 1933 the RCA traveling exhibition program ended and Clark started classifying his collected "radioana" material. The objects of the museum were eventually turned over for exhibit purposes to the Rosenwald Museum in Chicago and the Henry Ford Museum in Dearborn, Michigan, when space was not forthcoming at the Smithsonian. A list of objects sent to the two museums (with tag and case numbers) is in Series 1, Box A. The "radioana" collection remained under Clark's care during the 1930s, and became of increasing use to RCA. Clark continued to add to the material.

Between 1934 and 1942 Clark was in court many times regarding patent infringements. Clark's wireless data was useful and he testified frequently, for example, in RCA's suit against the United States in the Court of Claims over the Marconi tuning patents and in the Westinghouse Company's suit against the United States over the heterodyne. Patent specifications and material regarding these and other radio industry suits are found throughout this collection.

In 1946 RCA retired George Clark and denied him space to house his "radioana" collection. Clark wished to remain in New York and house the collection somewhere in the city where it would be open at all times to the public and where it would be maintained. He hoped to continue cataloguing the collection and writing books from its information. He wanted to keep the collection under his control for as long as he was capable of using it.

George H. Clark died in 1956 and his collection was subsequently given to the Massachusetts Institute of Technology. In 1959 the collection was given to the Smithsonian's new Museum of History and Technology, where space was available to house it. The collection remained in the Division of Electricity until the spring of 1983 when it was transferred to the Archives Center.

---

Brief Company Histories From The Radio Industry, 1900-1930s

Introduction

At the end of the nineteenth century, when Guglielmo Marconi began his first wireless company, Western Union, Postal Telegraph, and the American Telephone and Telegraph Company (AT&T) were the major enterprises in electrical communications. General Electric, Western Electric, and Westinghouse were the major producers of electrical equipment. All these earlier developments set the stage for the expansion of the radio industry.

General Electric, which dominated the lighting industry, was formed in 1892 as a merger of the Edison and Thomson-Houston companies. It was active in building central power station equipment; controlled nearly all the important early patents in electric railways; took a leading part in the introduction of trolley systems; and was the principal supplier of electric motors. Westinghouse promoted the alternating current...
system and installed the first AC central station in Buffalo, NY, during the winter of 1866-1867. After years of patent litigation, in 1896 GE and Westinghouse agreed to share their patents on electrical apparatus.

American Bell Telephone Company purchased Western Electric in 1881. Western Electric had a strong patent position in telephone equipment and in industrial power apparatus, such as arc lamps, generators, motors, and switchboard equipment.

Until RCA was formed in 1919, these established electrical companies played no active part in the early development of the American radio industry. They were in difficult financial positions, reorganizing, or concentrating their efforts and resources on improving their existing products.

The revolution in "wireless" technology, which began in earnest after 1900, centered in New York City, home of the Lee de Forest and American Marconi companies, and in Boston, headquarters of John Stone Stone and Reginald Fessenden.

Information in this section was compiled from the Clark Collection; the Invention and Innovation in the Radio Industry by W. Rupert Maclaurin, Macmillan Company, New York, 1949; and Radio Pioneers, Institute of Radio Engineers, Commemorating the Radio Pioneers Dinner, Hotel Commodore, New York, NY, November 8, 1945.

The De Forest Companies

Lee De Forest (1873-1961), inventor of the three-element vacuum tube or triode (1906) and the feedback circuit, was one of the first Americans to write a doctoral thesis on wireless telegraphy: "The Reflection of Short Hertzian Waves from the Ends of Parallel Wires," Yale University, 1899. The grid-controlled tube or audion of De Forest was first a radio detector, 1906-1907; in 1912 was adapted to an amplifier; and later to an oscillator. When it was perfected as a high vacuum tube, it became the great electronic instrument of electrical communications.

De Forest began work in the Dynamo Department at the Western Electric Company in 1899. Six months later he was promoted to the telephone laboratory. In 1900 De Forest went to work for the American Wireless Telegraph Company where he was able to carry out work on his "responder." However, after three months when De Forest refused to turn over the responder to the company, he was fired.

In the following year De Forest had a number of jobs, was active as an inventor, and created numerous firms to manufacture his inventions. In 1901 De Forest joined with Ed Smythe, a former Western Electric colleague and a collaborator in his research, to found the firm of De Forest, Smythe, and Freeman. Between 1902 and 1906 De Forest took out thirty-four patents on all phases of wireless telegraphy. The responder that he had been working on for so long never proved satisfactory.

The numerous De Forest companies, reflected his many interests and his inability to carry one project through to a conclusion. Unlike Marconi, but similar to Fessenden, De Forest had great inventive skill which resulted in a great number of companies; but none lasted long. The original partnership of 1901 led to the Wireless Telegraph Co. of America (1901), the De Forest Wireless Telegraph Company (Maine) (1902), and the American De Forest Wireless Telegraph Company (1903), to name a few.

The American De Forest Wireless Telegraph Company was incorporated after De Forest met a stock promoter, Abraham White. While many stations were built by this company, many never sent a message due to static interference. In 1907 two speculators from Denver with large holdings of company stock put the company out of business. The assets were sold to a new company that these speculators organized, the United Wireless Telephone Company. De Forest was forced to resign. He took the triode patents with him.

De Forest joined with one of White's stock salesmen, James Dunlop Smith, and together with De Forest's patent attorney, Samuel E. Darby, they formed a new corporation, the De Forest Radio Telephone
Company in 1907. This company set out to develop wireless communication by means of the radio telephone.

In January 1910 De Forest staged the first opera broadcast, with Enrico Caruso singing. The Radio Telephone Company went bankrupt in 1911 following an aborted merger with North American Wireless Corporation. In 1913 he reorganized the company as the Radio Telephone and Telegraph Company and began producing the triode.

The Marconi Company brought a patent suit, claiming the triode infringed on the Fleming valve to which it had rights. In 1916 the court decided that Marconi had infringed the three element De Forest patent and that De Forest had infringed the two element Fleming valve. The result was that neither company could manufacture the triode.

In 1920 RCA acquired the De Forest triode rights through cross-licensing agreements with AT&T which had recently purchased the rights to it. De Forest's company was no match for GE, Westinghouse, and RCA. The De Forest Radio Company (1923) went bankrupt in 1928, was reorganized in 1930, and went into receivership in 1933. RCA eventually purchased its assets.

**Marconi Companies**

Guglielmo Marconi (1874-1937) came from a wealthy and well connected Italian family. He was able to spend his time developing his inventions and following his own course of action. Marconi spent his entire life developing wireless communication into a "practical" reality. In 1905 Marconi invented a directional antenna. In 1909 he shared with Karl Ferdinand Braun the Nobel prize in physics. And in 1912 he invented the time spark system for the generation of continuous waves. The principal patents in his name were improved types of vertical antennas; improved coherer; magnetic detector for the detection of wireless signals; and improvements on methods of selective tuning. Two other inventions of great importance to the Marconi companies' patent structure were the Oliver Lodge tuning patent and the Ambrose Fleming valve.

In 1895 Marconi made the first successful transmission of long wave signals. The following year he met William Preece, engineer-in-chief of the British Post Office, who was interested in inductive wireless telegraphy. This meeting led to the formation in 1897 of the Marconi Wireless Telegraph Company Ltd. In 1898 he transmitted signals across the English Channel. In 1899 an American subsidiary was formed. The various Marconi companies were the dominant enterprises in both British and American wireless until 1919 when RCA was formed.

From a business standpoint, wireless did not become profitable until long distance communications were accomplished. On December 12, 1901 in St. John's, Newfoundland, Marconi received a telegraph signal in the form of repetitions of the Morse telegraphic letter "S" transmitted from the Marconi station at Poldhu, Cornwall, England. This success, however, was met by opposition from vested interests, particularly the Anglo-American Telegraph Company whose cables terminated in Newfoundland.

So as not to restrict his company's future to one front alone, Marconi decided to exploit the field of communication with ships at sea. In order to control this field he decided in 1900 to lease his apparatus rather than sell it outright. This strategy did not work. Competition developed in Germany (Telefunken Corporation) and the United States (American De Forest and its successor, United Wireless) and Marconi was forced to sell rather than lease apparatus to the navies of various countries. He nevertheless retained numerous restrictions. This led to further friction. At the height of this debacle English stations worldwide refused to communicate with ships without Marconi equipment. This absurd and dangerous situation had to change and coastal stations opened up to all senders in 1908.

Marconi's system was based on spark technology. He saw no need for voice transmission. He felt the Morse code adequate for communication between ships and across oceans. He, along with most others,
did not foresee the development of the radio and the broadcasting industry. He was a pragmatist and uninterested in scientific inquiry in a field where commercial viability was unknown.

For these reasons Marconi left the early experimentation with the radio telephone to others, particularly Lee De Forest and Reginald Fessenden.

National Electric Signaling Company

Canadian-born Reginald Fessenden (1866-1932), one of the principal early radio inventors and the first important inventor to experiment with wireless, left the University of Pittsburgh in 1900 to work for the U.S. Weather Bureau. There he invented the liquid barretter, an early radio receiver, and attempted to work out a means for wireless transmission of weather forecasts. After a squabble over patent rights, Fessenden resigned in 1902.

The National Electric Signaling Company (NESCO), primarily intended to support Fessenden's work on wireless, telegraphy, and telephony, was formed by Fessenden and two Pittsburgh capitalists, Hay Walker, Jr. and Thomas H. Given. It began as an inventor's laboratory and never proved successful as a business venture.

Fessenden recognized that a continuous wave transmission was required for speech and he continued the work of Nikola Tesla, John Stone Stone, and Elihu Thomson on this subject. Fessenden felt he could also transmit and receive Morse code better by the continuous wave method than with a spark-apparatus as Marconi was using.

In 1903 Fessenden's first high-frequency alternator needed for continuous wave transmission was built to his specifications by Charles Steinmetz of GE. In 1906 Fessenden obtained a second alternator of greater power from GE and on Christmas Eve broadcast a program of speech and music. The work on this alternator was given to Ernst F. W. Alexanderson. It took years for Alexanderson to develop an alternator capable of transmitting regular voice transmissions over the Atlantic. But by 1916 the Fessenden-Alexanderson alternator was more reliable for transatlantic communication than the spark apparatus.

Fessenden also worked on continuous-wave reception. This work arose out of his desire for a more effective type of receiver than the coherer, a delicate device that was limited by its sensitivity on a rolling ship at sea. In 1903 he developed a new receiving mechanism - the electrolytic detector.

As his work progressed Fessenden evolved the heterodyne system. However, due to faulty construction and the fact that it was ahead of its time, heterodyne reception was not fully appreciated until the oscillating triode was devised, thus allowing a practical means of generating the local frequency.

Between 1905 and 1913 Fessenden developed a completely self-sustaining wireless system. However, constant quarrels between Fessenden, Walker, and Given culminated in Fessenden's forming the Fessenden Wireless Company of Canada. He felt a Canadian company could better compete with British Marconi. As a result, his backers dismissed Fessenden from NESCO in January of 1911. Fessenden brought suit, won, and was awarded damages. To conserve assets pending appeal, NESCO went into receivership in 1912, and Samuel Kintner was appointed general manager of the company.

In 1917 Given and Walker formed International Signal Company (ISC) and transferred NESCO's patent assets to the new company. Westinghouse obtained majority control of ISC through the purchase of $2,500,000 worth of stock. The company was then reincorporated as The International Radio Telegraph Company. The Westinghouse-RCA agreements were signed in 1921 and International's assets were transferred to RCA.

RCA
The development of the radio industry accelerated after 1912. This was due to several factors, the most important of which was the passage of legislation by the US government requiring ships at sea to carry wireless. This created a market incentive and spurred the growth of the industry. Also, with the outbreak of World War I, the larger electrical companies turned their manufacturing output to radio apparatus, supporting the war effort. Three firms were prominent in this industrial endeavor: AT&T, GE, and Westinghouse.

AT&T's early contributions to this effort centered on their improvements of De Forest's triode, particularly in the evolution of circuits, the redesign of the mechanical structure, and an increase in the plate design. The importation of the Gaede molecular pump from Germany created a very high vacuum. The resulting high-vacuum tube brought the practical aspects of the wireless telephone closer to reality. By August 1915 speech had been sent by land wire to Arlington, Va., automatically picked up there via a newly developed vacuum-tube transmitter, and subsequently received at Darien, Canal Zone. By 1920 AT&T had purchased the rights to the De Forest triode and feedback circuit, and had placed itself in a strong position in the evolution of radio technology.

GE centered its efforts on the alternator, assigning Ernst F. W. Alexanderson to its design, and on further development of vacuum tube equipment for continuous wave telegraph transmission. By 1915 Alexanderson, Irving Langmuir, William D. Coolidge, and others had developed a complete system of continuous wave transmission and reception for GE.

As can be seen, both AT&T and GE were diverting major time and expenditures on vacuum tube research. This inevitably led to patent interferences and consequently, to cross-licensing arrangements.

Westinghouse was not in the strategic position of GE and AT&T. Nevertheless, during the war it did manufacture large quantities of radio apparatus, motors, generators, and rectifiers for the European and American governments. Postwar moves led Westinghouse into full partnership with the other two companies.

By the end of the war, all three companies had committed significant resources to wireless. They were hampered internationally, however, by the Marconi Company's dominant status, and in the United States they were blocked by opposing interests with control of key patents.

The US government also was concerned with this lack of solidarity in the wireless industry and over the British domination of the field worldwide. This impasse set a fascinating and complicated stage for the formation of the RCA.

Owen D. Young, legal counselor for GE, was instrumental in breaking the impasse. Through an innovative and far-reaching organizational consolidation, Young was able to persuade British Marconi that persistence in monopoly was a fruitless exercise, because of the strong US government feelings. Marconi, realizing the harm of a potential American boycott, finally agreed to terms. GE purchased the controlling interest in American Marconi, and RCA was formed. Young was made chairman of the board of RCA, while Edwin J. Nally and David Sarnoff of the old American Marconi were appointed president and commercial manager respectively.

On July 1, 1920, RCA signed a cross-licensing agreement with AT&T. The telephone company purchased one half million shares of RCA common and preferred stock for several considerations -- the most important being that all current and future radio patents of the two companies were available to each other royalty-free for ten years. Many provisions of these agreements were ambiguous and led to later squabbles between the RCA partners.

In May 1920 Westinghouse, which had an efficient radio manufacturing organization, formed an alliance with the International Radio and Telegraph Company (NESCO's successor). Westinghouse's part ownership gave them control of Fessenden's patents, particularly continuous-wave transmission and heterodyne transmission. Westinghouse also wisely purchased in October of 1920 Armstrong's patents.
on the regenerative and superheterodyne circuits -- which also included some of Columbia University
professor Michael Pupin's patents. This placed Westinghouse in a strong bargaining position vis-à-
vis RCA and in their new consolidated corporation. Westinghouse joined the growing group of radio
companies on June 30, 1921. With these mergers, RCA agreed to purchase forty percent of its radio
apparatus from Westinghouse and sixty percent from GE.

Through these and other legal arrangements, RCA obtained the rights to over 2,000 patents. These
amounted to practically all the patents of importance in the radio science of that day. As a result, other
firms in the radio industry, for example, the United Fruit Company and the Wireless Specialty Apparatus
Company, entered into cross-licensing arrangements with RCA.

RCA also made arrangements internationally with the three dominant companies in radio communication
in their respective countries. British Marconi, Compagnie Generale de Telegraphie sans fil, and
Telefunken. Each corporation was given exclusive rights to use the other companies' patents within their
own territories.

The rise of amateur radio in the 1920s and, to a greater extent, the demand for new products by the
general public contributed to the rise of the broadcasting industry. This put a strain on the earlier
agreements between the major radio corporations and between 1921 and 1928 there was a struggle over
patents for control of the evolving medium.

An initial attempt by AT&T to control the broadcasting industry -- using its earlier cross-licensing
agreements to manufacture radio telephone transmitting equipment -- began with AT&T's disposal of RCA
stock holdings in 1922-1923. It ended in 1926 with a new cross-licensing agreement which gave AT&T
exclusive patent rights in the field of public service telephony and gave GE, RCA, and Westinghouse
exclusive patent rights in the areas covered by wireless telegraphy, entertainment broadcasting, and the
manufacture of radio sets and receiving tubes for public sale.

In 1926 after the agreements were finalized, RCA, GE, and Westinghouse joined forces and established
the National Broadcasting Company (NBC). Fifty percent of the stock went to RCA, thirty percent to GE,
and twenty percent to Westinghouse. The new company was divided into three divisions: the Red, Blue,
and Pacific Networks. Independent, competing networks soon emerged. William S. Paley and his family
formed the Columbia Broadcasting System (CBS) in 1927. The Mutual Broadcasting System was formed
in 1934.

By 1928 RCA had strong patent positions in all major areas of the radio industry, including the research,
development and manufacture of vacuum tubes and speakers. Most small companies entering the
industry in the 1920s produced their products based on prior research by others and on expired patents.
An RCA license, therefore, was essential for the manufacture of any modern radio set or vacuum tube.

In the late 1920s new developments in the reproduction of sound, produced significant changes in
the phonograph industry. Among those new developments were the introduction of the electronic
record, and the marketing of the Radiola 104 Loudspeaker in 1926. In 1929 RCA purchased the Victor
Talking Machine Company. This changed not only the quality but the sales of the phonograph and the
phonograph record. A new entertainment industry was born and an ever-expanding market for consumer
products was created with cultural implications that continue today.

**Telefunken**

German industrialists were eager to break the Marconi Company's monopoly. Although Marconi had
patents on his inventions in Germany, the Germans developed a rival system through the Telefunken
Corporation, incorporated in 1903, based on the inventions of Professor Ferdinand Braun, Dr. Rudolf
Slaby, and Count George von Arco.
Before 1903 the Braun-Siemens and Halske system had been developed by Gesellschaft fur Drahtlose Telegraphie (GFDT). The Slaby-Arco system had been developed by Allgemeine Electrizitats-Gesellschaft. After litigation over patents, the German court handed down a decision in favor of the GFDT. The Kaiser, with national interests in mind, ordered that the rivalry cease. The two systems were amalgamated under GFDT, and became known as the Telefunken.

Chronology of Some Significant Events In The History of The Radio Industry

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>1895</td>
<td>Marconi experiments with Hertz's oscillator and Branley's coherer.</td>
</tr>
<tr>
<td>1897</td>
<td>In March Marconi demonstrates his wireless system on Salisbury Plain,</td>
</tr>
<tr>
<td></td>
<td>near London, and files a complete patent specification. In May trials</td>
</tr>
<tr>
<td></td>
<td>of Marconi's system are made over water between Lavernock and Flatholm,</td>
</tr>
<tr>
<td></td>
<td>a distance of three miles. On May 13, communication is established</td>
</tr>
<tr>
<td></td>
<td>between Lavernock Point and Brean Down, a distance of eight miles.</td>
</tr>
<tr>
<td></td>
<td>German scientist Professor Slaby is present. The first Marconi station</td>
</tr>
<tr>
<td></td>
<td>is erected at the Needles, Isle of Wight. A distance of fourteen and</td>
</tr>
<tr>
<td></td>
<td>one-half miles is bridged by wireless. In December the Marconi station</td>
</tr>
<tr>
<td></td>
<td>at the Needles communicates with a ship eighteen miles at sea.</td>
</tr>
<tr>
<td>1898</td>
<td>In England Oliver Lodge files a complete specification covering inventions in wireless telegraphy.</td>
</tr>
<tr>
<td>1899</td>
<td>The New York Herald uses Marconi's wireless telegraphy to report the</td>
</tr>
<tr>
<td></td>
<td>progress of the International Yacht races between the Columbia and the</td>
</tr>
<tr>
<td></td>
<td>Shamrock off New York harbor in September. US. Navy vessels make</td>
</tr>
<tr>
<td></td>
<td>trials of Marconi's wireless telegraph system. The cruiser New York</td>
</tr>
<tr>
<td></td>
<td>and the battleship Massachusetts are equipped with apparatus. Fessenden</td>
</tr>
<tr>
<td></td>
<td>develops improvements in methods of wireless telegraph signaling.</td>
</tr>
<tr>
<td>1900</td>
<td>The Marconi International Marine Communication Company is organized</td>
</tr>
<tr>
<td></td>
<td>on April 25th in London. Reginald Aubrey Fessenden begins work at the</td>
</tr>
<tr>
<td></td>
<td>United States Weather Bureau. Over the next two years he invents the</td>
</tr>
<tr>
<td></td>
<td>liquid barretter, an improved radio receiver.</td>
</tr>
<tr>
<td>1901</td>
<td>In February on board the SS Philadelphia, Marconi receives wireless</td>
</tr>
<tr>
<td></td>
<td>signals over a distance of 1,551 miles. In March Marconi wireless</td>
</tr>
<tr>
<td></td>
<td>telegraph service begins between islands of the Hawaiian group. On</td>
</tr>
<tr>
<td></td>
<td>December 12, Marconi receives transatlantic signal at St. John's,</td>
</tr>
<tr>
<td></td>
<td>Newfoundland from Poldhu, Cornwall, England. The Canadian government</td>
</tr>
<tr>
<td></td>
<td>orders two Marconi telegraph sets for use at coastal points along the</td>
</tr>
<tr>
<td></td>
<td>Strait of Belle Isle.</td>
</tr>
<tr>
<td>1901</td>
<td>Fessenden procures US patent no. 706737 for a system of radio signaling</td>
</tr>
<tr>
<td></td>
<td>employing long waves (low frequency). De Forest develops a system of</td>
</tr>
<tr>
<td></td>
<td>wireless telegraphy in Chicago. 1903-06 10,000 to 50,000 cycle</td>
</tr>
<tr>
<td></td>
<td>machines, 1 kW, are developed by Steinmetz and by Alexanderson of GE</td>
</tr>
<tr>
<td></td>
<td>for Fessenden. 1905 Marconi procures patent number 14788 in England,</td>
</tr>
<tr>
<td></td>
<td>covering the invention of the horizontal directional antenna.</td>
</tr>
<tr>
<td>1906</td>
<td>At Brant Rock, Massachusetts, Fessenden employs a generator of one-</td>
</tr>
<tr>
<td></td>
<td>half kW capacity, operating at 75,000 cycles, for radio purposes. He</td>
</tr>
<tr>
<td></td>
<td>succeeds in telephoning a distance of eleven miles by means of wireless</td>
</tr>
<tr>
<td></td>
<td>telephone apparatus.</td>
</tr>
<tr>
<td>1907</td>
<td>De Forest procures a U. S. patent for an audion amplifier of pulsating or alternating current.</td>
</tr>
</tbody>
</table>
1908 Marconi stations in Canada and England are opened for radio telegraph service across the Atlantic. Fessenden constructs a 70,000-cycle alternator with an output of 2.5 kW. at 225 volts, for radio signaling purposes. He reports successful radio telephone tests between Brant Rock and Washington, DC, a distance of 600 miles.

1909 US House of Representatives passes the Burke Bill for the compulsory use of radio telegraphy on certain classes of vessels. The United Wireless Telegraph Company and the Radio Telephone Company of New York (De Forest and Stone systems) begin the erection of radio stations in the Central and Western states. Marconi shares with Ferdinand Braun of Germany the Nobel prize in recognition of contributions in wireless telegraphy.

1910 An act of the US government requires radio equipment and operators on certain types of passenger ships. The Glace Bay, Nova Scotia, Marconi station is opened in September. This station communicates with Clifden, Ireland. The transatlantic tariff is seventeen cents a word.

1911 A radio section is organized by the US Department of Commerce to enforce the provisions of national radio legislation. Marconi Wireless Telegraph Company acquires the Lodge-Muirhead patents.

1912 Rotary gap is used with Fessenden 100 kW 500 cycle spark set at NAA, the Navy's first high-power station at Arlington, Virginia. Marconi Wireless of America acquires property of the United Wireless Telegraph Company. British Marconi secures the important radio patents of Bellini and Tosi, Italian inventors. Wreck of the SS Titanic on April 15th. The act of 1910 is extended on July 23 to cover cargo vessels. requires an auxiliary source of power on ships and two or more skilled radio apparatus operators on certain types of passenger ships. On August 13, an act provides for licensing radio operators and transmitting stations.

1912-1913 High vacuum amplifying tubes (an improvement on De Forest's), using the findings of pure science, are produced almost simultaneously in two great industrial laboratories, by Dr. H. D. Arnold of AT&T and Irving Langmuir of GE.

1915 De Forest Ultra-audion three-step (cascade) audio amplifier is announced and introduced into practice.

1916 GE and the Western Electric Company develop the first experimental vacuum tube radiotelephone systems for the Navy.

1917-1918 First production of vacuum tubes in quantity, both coated filament and tungsten filament types, by Western Electric Company and GE.

1918 Lloyd Espenschied procures US patent number 1,256,889 for the invention of a duplex radio telegraph system. (See Lloyd Espenschied Papers, Archives Center, NMAH, Collection #13.) The House of Representatives passes a resolution on July 5, authorizing the President to take over management of telegraph and telephone systems due to war conditions.

1919 Bills are introduced in Congress for permanent government control of radio stations. The widespread resentment of amateurs has more to do with the defeat of these bills than the objections of commercial companies. Roy Alexander Weagant, New York, reports having developed means of reducing disturbances to radio reception caused by atmospherics or static. This is the first successful static-reducing
system. GE purchases the holdings of the British Marconi Company in the Marconi Wireless Telegraph Company of America, the name of the latter company being changed to Radio Corporation of America (RCA) in October. Edward J. Nally is elected president of the new company.

1920

E. F. W. Alexanderson is appointed Chief Engineer of RCA. RCA begins the installation of 200-kW Alexanderson alternators at Bolinas, California, and Marion, Massachusetts. The Tropical Radio Telegraph Company, a subsidiary of the United Fruit Company, New York, operates ten long-distance radio stations at points in Central and South America. RCA purchases 6,000 acres at Rocky Point, Long Island, New York, and begins erection of a Radio Central station, comprising a number of operating units for communication with European stations and stations in South America. On May 15, RCA inaugurates radio telegraph services between installations at Chatham and Marion, Massachusetts, and stations at Stavanger and Jaerobe, Norway. Westinghouse Company's radio station KDKA, Pittsburgh, Pennsylvania, broadcasts returns of the national elections, November 2. Development, design, and manufacture by GE of the early receiving and transmitting tubes made available to the public by RCA (UV-200,201,202). Radio telegraph stations and properties taken over by the government under war time powers are returned to their owners at midnight, February 29. The government calls for bids for the sale of large quantities of surplus radio and telegraph and telephone apparatus purchased for war needs and not used.

1921

RCA develops Vacuum tubes UV-200(detector) and UV-201(amplifier) -- both triodes with brass shells known as the UV base, and incorporating a filament that required 1 ampere at 5 volts for operation -- for storage battery operation; and at the same time also released to the public the WD-11 for dry cell operation, which employed an oxide-coated tungsten filament. RCA station at Rocky Point, Long Island, opens on November 5. WJZ station established by the Westinghouse Company in Newark, NJ. RCA broadcast station at Roselle Park, NJ (WDY) opens on December 15. It continues operation until February 15, 1922, when its operation is transferred to WJZ, Newark, previously owned by Westinghouse. RCA installs 200-kW alternator at Tuckerton, NJ.

1922

First use of tube transmitters by RCA for service from the United States to England and Germany. RCA begins substitution of tube transmitters on ships to replace spark sets. RCA begins replacement of crystal receivers by tube receivers on ships.

1923

Broadcast stations WJZ and WJY opened in New York in May by RCA. WRC opens in Washington on August 1. The UV-201A, receiving tubes developed by GE and consuming only 1/4 of an ampere are introduced by RCA. Tungsten filaments coated and impregnated with thorium were employed.

1924

Edwin H. Armstrong, demonstrates the superheterodyne receiver on March 6th. In November RCA experiments with radio photographs across the Atlantic. RCA markets the superheterodyne receivers for broadcast reception.

1925-26

Dynamic loudspeakers introduced. Magnetic pick-up phonograph recording and reproduction developed. RCA opens radio circuit to Dutch East Indies. Direction-finders introduced on ships.
1927

Fully self-contained AC radio receivers introduced.

Scope and Content Note

The materials accumulated in this collection represent the overriding collecting passion of one individual, George H. Clark. The collection forms a documentary record of over half a century of the history of radio, with the greatest emphasis on the period 1900-1935.

The collection includes materials that span the entire history of the growth of the radio industry. It is useful for those historians and other researchers interested in technological development, economic history, and the impact of applications of technology on American life.

In particular, the collection is rich in biographical information on the men who developed the technical aspects of radio and the industry; information on the inception, growth, and activities of radio companies, most notably the National Electric Signaling Company and RCA; and in photographs of all aspects of Radioana.

While most materials document technical aspects of radio, there is much information (e.g. Series 109, 134) on broadcasting and on the early history of television.

The collection, housed in over 700 boxes (about 276 linear feet), was organized into 259 numbered "classes" or series by Clark. Sixty series numbers were never used or were eliminated by Clark and combined with other series. The unused numbers are scattered throughout the filing system. The collection also includes material from series that were eliminated. These materials were never reclassified and are included as an unprocessed series at the end of the series descriptions. The collection also contains material that was never assigned a "class" designation by Clark (Lettered Series: D, E, F, G, H).

The arrangement of the collection is Clark's own; his adaptation of the Navy filing system he helped devise in 1915. Clark periodically revised the filing system and reclassified items within it.

Clark assigned class numbers to types of equipment (e.g. broadcast receivers), systems (impulse-excited transmitters and systems), scientific theories (circuit theory), and topics (company history, biography). Box 1 contains descriptions of the classification system.

When Clark classified an item and filed it he also assigned a serial number. This classification begins with 1 (or 1A) for the first item in the class and continues with successive numbers as items were added. As a consequence, the order of individual items within a series reflects the order in which Clark filed them, not any logical relationship between the items. Clark created cross references for items dealing with more than one subject by making notations on blank sheets of paper placed in related series.

Clark made cross references between series when there was no logical relationship between them; that is, when a person using the collection would not normally look in the series. For example no cross reference would be made of an engineer from series 87 (portraits) to series 4 (biography), but one would be made from series 87 to series 142 (history of television) if the item showed the engineer, say, working on a television installation.

Clark created the insignia "SRM" as the sign on the bottom of all sheets of paper numbered by him for binding. SRM stood for Smithsonian Radio Museum. This replaced the earlier though not greatly used sign "CGM." For a time about 1930, the class number on each sheet was preceded by these: "C.G.M.", for Clark, Martin, and Goldsmith, the earliest contributors to what would become the Clark Radioana Collection. After about 1933-34 Clark used C.W.C. for Clark Wireless Collection.
There are many photographs located in most series throughout the collection. But there are also three exclusive photographic series. Lettered series A, B, C. See index; and also series descriptions under lettered series.

Arrangement

The collection is divided into 223 series.

Numbered Series 1-233:

- Series 1, Library Operating System, 1915-1950
- Series 2, Apparatus Type Numbers, 1916-1931
- Series 3, Photographic Lists, 1925-1928
- Series 4, Biographies of Radio Personages, Technical Index to Correspondents in Series 4
- Series 5, History of Radio Companies, 1895-1950
- De Forest Radio Company, 1905-1930s
- Jenkins Television Corporation, 1924-1931
- Marconi Wireless Telegraph Company, 1908-1929
- National Electric Signaling Company, 1896-1941
- Wireless Specialty Apparatus Company, 1906-1929
- Radio Corporation of America, 1895-1950
- Series 6, Shore Stations, 1900-1940
- Series 7, Marine Stations, 1900-1930s
- Series 8, Broadcasting Stations, 1910s-1940s
- Series 9, Amateur Stations, 1910s-1940s
- Series 10, Miscellaneous Information, 1911-1914
- Series 11, Radio Antiques, 1921-1938
- Series 13, Specifications of Radio Apparatus, 1910s-1930s
- Series 14, General History, 1899-1950s
- Series 15, Radio Companies Catalogues & Bound Advertisements, 1873-1941
- Series 16, Log Books, 1902-1923
- Series 17, Radio Companies’ House Organs, 1896-1942
- Series 18, Prime Movers, 1904-1911
- Series 19, Batteries, 1898-1934
- Series 20, Rectifiers, 1875-1935
- Series 21, Motor Generators, 1898-1936
- Series 22, Nameplates of Apparatus, 1928
- Series 23, Switchboards and Switchboard Instruments, 1910-1935
- Series 24, Radio Frequency Switches, 1905-1905-1933
- Series 25, Transmitter Transformers, 1893-1949
- Series 26, Operating Keys, 1843-1949
- Series 27, Power Type Interrupters, 1902-1938
- Series 28, Protective Devices, 1910-1925
- Series 30, Message Blanks, 1908-1938
- Series 31, Transmitter Condensers, 1849-1943
- Series 32, Spark Gaps, 1905-1913
- Series 33, Transmitter Inductances, 1907-1922
- Series 34, Transmitter Wave Changers, 1907-1924
- Series 37, ARC Transmitters, 1907-1940
- Series 38, Vacuum Tube Type of Radio Transmitter, 1914-1947
- Series 39, Radio Transmitter, Radio-Frequency, Alternator Type, 1894-1940
• Series 41, Vacuum Tubes, Transmitting Type, 1905-1948
• Series 43, Receiving Systems, 1904-1934
• Series 45, Broadcast Receivers, 1907-1948
• Series 46, Code Receivers, 1902-1948
• Series 47, Receiving Inductances, 1898-1944
• Series 48, Receiving Condensers, 1871-1946
• Series 49, Audio Signal Devices, 1876-1947
• Series 50, Detectors, 1878-1944
• Series 51, Amplifiers, 1903-1949
• Series 52, Receiving Vacuum Tubes, 1905-1949
• Series 53, Television Receivers, 1928-1948
• Series 54, Photo-Radio Apparatus, 1910-1947
• Series 59, Radio Schools, 1902-1945
• Series 60, Loudspeakers, 1896-1946
• Series 61, Insulators, 1844-1943
• Series 62, Wires, 1906-1945
• Series 63, Microphones, 1911-1947
• Series 64, Biography, 1925-1948
• Series 66, Antennas, 1877-1949
• Series 67, Telautomatics, 1912-1944
• Series 69, Direction Finding Equipment, Radio Compasses, 1885-1948
• Series 71, Aircraft Transmitters, 1908-1947
• Series 72, Field or Portables Transmitters, 1901-1941
• Series 73, Mobile Radio Systems, 1884-1946
• Series 74, Radio Frequency Measuring Instruments, 1903-1946
• Series 75, Laboratory Testing Methods and Systems, 1891-1945
• Series 76, Aircraft Receivers, 1917-1941
• Series 77, Field Portable Receivers, 1906-1922
• Series 78, Spark Transmitter Assembly, 1909-1940
• Series 79, Spark Transmitter System, 1900-1945
• Series 82, Firsts in Radio, undated
• Series 85, Distance Records and Tests, 1898-1940
• Series 87, Photographs of Radio Executives, and Technical Types, 1857-1952
• Series 90, Radio Terms, 1857-1939
• Series 92, Static Patents and Static Reducing Systems, 1891-1946
• Series 93, Low Frequency Indicating Devices, 1904-1946
• Series 95, Articles on Radio Subjects, 1891-1945
• Series 96, Radio in Education, 1922-1939
• Series 98, Special Forms of Broadcasting, 1921-1943
• Series 99, History of Lifesaving at Sea by Radio, 1902-1949
• Series 100, History of Naval Radio, 1888-1948
• Series 101, Military Radio, 1898-1946
• Series 102, Transmitting & Receiving Systems, 1902-1935
• Series 103, Receiving Methods, 1905-1935
• Series 108, Codes and Ciphers, 1894-1947
• Series 109, Schedules of Broadcasting & TV Stations, 1905-1940
• Series 112, Radio Shows and Displays, 1922-1947
• Series 114, Centralized Radio Systems, 1929-1935
• Series 116, United States Government Activities in Radio, 1906-1949
• Series 117, Technical Tables, 1903-1932
• Series 120, Litigation on Radio Subjects, 1914-1947
• Series 121, Legislation, 1914-1947
• Series 122, History of Radio Clubs, 1907-1946
• Series 123, Special Applications of Radio Frequency, 1924-1949
• Series 124, Chronology, 1926-1937
• Series 125, Radio Patents & Patent Practices, 1861-1949
• Series 126, Phonographs, 1894-1949
• Series 127, Piezo Electric Effect, 1914-1947
• Series 128, ARC Transmitting & Receiving Systems, 1904-1922
• Series 129, Spark Systems, 1898-1941
• Series 130, Vacuum Tubes Systems, 1902-1939
• Series 132, Radiophone Transmitting & Receiving System, 1906-1947
• Series 133, Photographs
• Series 144, Radio Publications
• Series 145, Proceedings of Radio Societies
• Series 146: Radio Museums
• Series 147, Bibliography of Radio Subjects and Apparatus
• Series 148, Aircraft Guidance Apparatus
• Series 150, Audio Frequency Instruments
• Series 151, History of Radio for Aircrafts
• Series 152, Circuit Theory
• Series 154, Static Elimination
• Series 161, Radio in Medicine
• Series 162, Lighting
• Series 163, Police Radio
• Series 169, Cartoons
• Series 173, Communications, Exclusive of Radio (after 1895)
• Series 174, Television Methods and Systems
• Series 182, Military Portable Sets
• Series 189, Humor in Radio (see
• Series 169)
• Series 209, Short Waves
• Series 226, Radar
• Series 233, Television Transmitter

Lettered Series
• Series A, Thomas Coke Knight RCA Photographs, circa 1902-1950
• Series B, George H. Clark Collection of Photographs by ClassSeries C, Clark
Unorganized and/or Duplicate Photographs
• Series D, Miscellaneous
• Series E, News Clippings Series F: Radio Publications
• Series G, Patent Files of Darby and Darby, Attorneys, circa 1914-1935
• Series H, Blank Telegram Forms from many Companies and Countries Throughout the World
• Series I (eye), Miscellaneous Series
• Series J, Research and Laboratory Notebooks
• Series K, Index to Photographs of Radio Executives and Technical Types
• Series L, Index to Bound Volumes of Various Series
• Series M, Index to David Sarnoff Photographs
Names and Subject Terms

This collection is indexed in the online catalog of the Smithsonian Institution under the following terms:

Subjects:
- Communication--1880-1950
- Electric engineers--1880-1950
- Electricity--1880-1950
- Radio engineers--1880-1950
- Radio--History

Types of Materials:
- Blueprints
- Clippings
- Correspondence--1930-1950
- Letters patent
- Patents
- Photographs--1850-1900
- Photographs--1900-1950
- Sale catalogs--Electrical equipment--1880-1950
- Technical drawings
- Technical manuals--electrical equipment

Names:
- American Marconi Company.
- Electricity and Modern Physics, Division of, NMAH, SI.
- Radio Corporation of America.
Container Listing

Series 1: Library Operating System, 1915-1950

Series 1 contains cataloging information on apparatus in the RCA Museum begun by Clark in 1928, including a general description of objects; information about the classification system Clark devised for his "Radioana" collection, including U.S. Navy WWI Classification system; and information on the history of the collection.

- **Box 1, Folder 1**: Museum serial numbers: Includes name of apparatus; classification number; model; serial; type; form; manufacturer and address; brief history; description; and condition. 1 - 155
- **Box 1, Folder 2**: 156-300
- **Box 1, Folder 3**: 301-399
- **Box 1, Folder 4**: 400-599 (missing 484 - 499)
- **Box 1, Folder 5**: 800-1032 (missing 602 & 715)
- **Box 2, Folder 1**: 800-1032
- **Box 2, Folder 2**: Composition Notebook: Clark used to assign serial numbers
- **Box 2, Folder 3**: Clark’s Outlines of his classification system
- **Box 2, Folder 4**: General Correspondence, 1935-1950 relating to the history of the Collection
- **Box 3, Folder 1**: Explanation of method used by Clark in assembling his collection of radio data, for binding, and ultimate housing in a museum or library in 1934; Preliminary notes to revision of Clark Radioana Collection; News and periodical clippings; U. S. Department of Commerce’s "Classification of Radio Subjects" (25 pages)
- **Box 3, Folder 2**: Navy Department's "Plan for Coordination of Radio Work at Navy Yards;" revised classification, May 19, 1915.
- **Box 3, Folder 3**: Notes on the Genesis, Growth, and Possible Exodus of the Clark Radio Library
- **Box 3, Folder 4**: RCA interdepartmental correspondence; notes on filing; and a few photographs showing the future home of the Clark Wireless Collection at MIT, 1948 - 1950
- **Box 3, Folder 5**: List of material sent to Ford and Rosenwald Museums with tag and case numbers and data as to loan and gift
- **Box 3, Folder 6**: History of Clark Wireless Collection by Clark [original] (see item listing in control file)
Series 2: Apparatus Type Numbers, 1916-1931

Series 2 consists of a memorandum from Clark to RCA and GE recommending the adoption of the Government's type number system for all American radio companies, and specifically recommending the Navy type numbering system.

Box 4, Folder 1: Book #5 Navy Type Numbers, 1916 [51-455]
Box 4, Folder 2: Book #1, Navy Type Numbers, 1918 [51-4094]
Box 4, Folder 3: Book #3, RCA Type Number Bookm Oart 1, 1920
Box 5, Folder 1: Type Numbers assigned to apparatus -- recommendations by Clark, 1920
Box 5, Folder 2: Book #4, Navy Type numbers, 1923 [51-4217]
Box 5, Folder 3: Annual & Monthly Report by Clark of Museum Operation, 1930-1931
Series 3: Photographic Lists, 1925-1928

Series 3 contains lists, by number, of photographs in the files of Thomas Coke Knight, New York City (see Series A). It also includes lists of other photographs, e.g. RCA and the Marconi Company; Jenkins Television System, manufactured at De Forest factories at Passaic and Jersey City, New Jersey, 1925 - 1928; negative numbers with some captions for the RCA Radio Show Display, "The Wooden Book of Radio" and the duplicate of a bound book in series 14 containing photographs of the display; and a notebook, titled "Fessenden" containing photographic captions and numbers for the National Electric Signaling Company, Brant Rock, Massachusetts.

Box 6, Folder 1-3  Thomas Coke Knight Photographic Numbers List (Series A) [Including: Jenkins Television System, manufactured at De Forest factories at Passaic and Jersey City, New Jersey, 1925 - 1928]

Box 6, Folder 4  Photographic Lists on RCA Letterhead (handwritten)

Box 6, Folder 5  Historical Radio Photographs: "The Wooden Book of Radio" negative numbers with some captions for the RCA Radio Show Display

Box 6, Folder 6  Radio Show Photographs: duplicate of a bound book in Series 14

Box 6, Folder 7  Captions for negatives in RCA Show Display: "The Wooden Book of Radio"

Box 6, Folder 8  Notebook, titled "Fessenden" containing photographic captions and numbers for the National Electric Signaling Company, Brant Rock, Massachusetts
Series 4: Biographies of Radio Personages, Technical, 1898-1948

Series 4 comprises a large collection of disparate materials accumulated by Clark on persons important in the technological development of radio. Included in it are primary materials relating to some of the most important inventors and innovators in radio and wireless communication, including Guglielmo Marconi, Lee DeForest, Nicola Tesla, Reginald A. Fessenden, Roy A. Weagant and John Stone Stone. Additionally, Clark collected documentation on amateurs, radio corporation executives, navy radio aids Clark knew, operators, engineers and hundreds of others active in radio in the first half of the twentieth century. The documents include: letters, and in some cases, full sets of correspondence between individuals; biographical and autobiographical writings (such as resumes) solicited by Clark for inclusion in his "radio library"; writings by Clark and others on various topics in radio history; litigation and patent documents; internal corporate memoranda; drawings, blueprints and designs; and most voluminous, printed material in various forms, including clippings, articles, award programs, press releases and scrapbook entries. Clark's scrapbook entries range from one-line facts about individuals typed or written directly onto a page, citations for other sources of information about individuals, business cards, photographs, and newspaper and magazine clippings ranging in length from one or two lines to several pages.

This series is arranged in alphabetical order by name of individual. The box and folder inventory of this finding aid indicates what types of documents are included on each person. A separate file has been created for individuals when primary material is included. When only secondary material exists, such as clippings, the material has been filed in a general file under the appropriate letter of the alphabet. The finding aid also lists these names and types of documents included. Photocopies of scrapbook items have been filed in cases where information about more than one individual was found on a single page. Correspondence and other documents which pertain to more than one person have been cross referenced in the index to correspondents which follows this finding aid.

A selected list of individuals for whom the collection contains the most comprehensive primary material follows: Armstrong, Edwin Howard; Clark, George H.; DeForest, Lee; Dolbear, Amos; Dubilier, William; Dunlap, Orrin; Fabbri, Alessandro; Farnsworth, Philip; Fessenden, Reginald A.; Firth, John A.; Goldsmith, Alfred N.; Harbord, James G.; Hooper, Stanford C.; Isbell, Arthur A.; Kintner, S.M.; Logwood, Charles Vern; Loomis, Mahlon; Lowenstein, Fritz; Marconi, Guglielmo; Mauborgne, Joseph O.; McCandless, H.W.; Nally, E.J.; Oleson, Harold F.; Pickard, Greenleaf Whittier; Sarnoff, David; Stone, John Stone; Weagant, Roy A.

Subseries 4.1: General "A" file, including secondary material on the following persons:

Article

Box 7, Folder 1 Abbey, Harold
Biographical information

Box 7, Folder 1 Abernethy, William L.
Award program, article

Box 7, Folder 1 Adair, George
Article

Box 7, Folder 1 Aimone, Raimondo
Article

Box 7, Folder 1 Allen, James G.
Scrapbook entry on
Box 7, Folder 1  Anderson, A. L.  
Articles

Box 7, Folder 1  Anderson, Charles S.  
Article

Box 7, Folder 1  Anderson, Ewen C.  
Article

Box 7, Folder 1  Andrea, Frank A.D.  
Articles

Box 7, Folder 1  Angell, James Rowland  
Scrapbook entries on

Box 7, Folder 1  Anthony, Harvey M.  
Article

Box 7, Folder 1  Appleton, Edward V.  
Article

Box 7, Folder 1  Archimedes  
Article

Box 7, Folder 1  Armstrong, Robert  
Scrapbook entry on

Box 7, Folder 1  Arnold, Harold D.  
Article

Box 7, Folder 1  Arnold, Henry Harley  
Article

Box 7, Folder 1  Arnold, John W.  
Article

Box 7, Folder 1  Arnson, Ludwig  
Writings about

Box 7, Folder 1  Ayers, Nathaniel  
Articles

Box 7, Folder 1  Aylesworth, Merlin H.  
Letter, 1922

Box 7, Folder 2  Adams, Ira W.  
Biographical writings, article

Box 7, Folder 3  Adams, Quinton  
Correspondence, 1922; biographical writings; article

Box 7, Folder 4  Alexanderson, Ernst  
Correspondence, 1919

Box 7, Folder 5  Allen, George
Correspondence, 1935-1945; biographical information; articles and printed material

Box 7, Folder 6  Almonte, John de Jara
Correspondence, 1935; biographical writings; article

Box 7, Folder 7  Apgar, Charles E.
Correspondence, 1937-1945; biographical information; article

Box 7, Folder 8  Appleby, Thomas
Writings

Box 7, Folder 9  Archer, Dean
Correspondence, 1941

Box 7, Folder 10  Ardiff, W. LeYoung
Correspondence, 1916-1941; biographical writings; patent documents; scrapbook entries and clippings on; litigation documents

Box 7, Folder 11  Armstrong, Edwin H.
Biographical information; articles

Box 7, Folder 12  Arnold, Frank A.
Letter to, 1935; biographical information; scrapbook entries on; articles

Box 7, Folder 13  Aufenanger, W.F.
Letter, 1910; scrapbook entries on; articles

Box 7, Folder 14  Austin, Louis Winslow

Subseries 4.2: General "B" file, including secondary material on the following persons
Scrapbook entry on

Box 7, Folder 15  Babcock, Irving B.

Box 7, Folder 15  Baidukoff, Georgi
Article

Box 7, Folder 15  Bailey, George W.
Article

Box 7, Folder 15  Bailey, S.L.
Article

Box 7, Folder 15  Baker, Henry G.
Article

Box 7, Folder 15  Baker, Newton D.
Scrapbook entry on

Box 7, Folder 15  Baker, W.R.G.
<table>
<thead>
<tr>
<th>Box 7, Folder 15</th>
<th>Baldwin, M.W.</th>
<th>Article</th>
</tr>
</thead>
<tbody>
<tr>
<td>Box 7, Folder 15</td>
<td>Ballantine, Stuart</td>
<td>Articles, scrapbook entries on</td>
</tr>
<tr>
<td>Box 7, Folder 15</td>
<td>Barager, Samuel Frank</td>
<td>Scrapbook entry on</td>
</tr>
<tr>
<td>Box 7, Folder 15</td>
<td>Barber, A.W.</td>
<td>Article</td>
</tr>
<tr>
<td>Box 7, Folder 15</td>
<td>Barkhausen, George Heinrich</td>
<td>Article</td>
</tr>
<tr>
<td>Box 7, Folder 15</td>
<td>Barkley, William J.</td>
<td>Article</td>
</tr>
<tr>
<td>Box 7, Folder 15</td>
<td>Barrett</td>
<td>Scrapbook entry on</td>
</tr>
<tr>
<td>Box 7, Folder 15</td>
<td>Batcheller, Arthur</td>
<td>Article</td>
</tr>
<tr>
<td>Box 7, Folder 15</td>
<td>Batsel, M.C.</td>
<td>Article</td>
</tr>
<tr>
<td>Box 7, Folder 15</td>
<td>Baxter, C.C.</td>
<td>Article</td>
</tr>
<tr>
<td>Box 7, Folder 15</td>
<td>Bayly, Benjamin deF</td>
<td>Award program, article</td>
</tr>
<tr>
<td>Box 7, Folder 15</td>
<td>Bechberger, Paul F.</td>
<td>Article</td>
</tr>
<tr>
<td>Box 7, Folder 15</td>
<td>Bechmann, Rudolf</td>
<td>Article</td>
</tr>
<tr>
<td>Box 7, Folder 15</td>
<td>Bedford, L.H.</td>
<td>Article</td>
</tr>
<tr>
<td>Box 7, Folder 15</td>
<td>Beers, G.L.</td>
<td>Award program, articles</td>
</tr>
<tr>
<td>Box 7, Folder 15</td>
<td>Bellini, Ettore</td>
<td>Scrapbook, entries on</td>
</tr>
<tr>
<td>Box 7, Folder 15</td>
<td>Bensing, G.W.</td>
<td>Resume</td>
</tr>
<tr>
<td>Box 7, Folder 15</td>
<td>Beresford, Lord Charles</td>
<td>Article</td>
</tr>
<tr>
<td>Box 7, Folder 15</td>
<td>Bergin, M.L.</td>
<td></td>
</tr>
</tbody>
</table>
Scrapbook entry on

Box 7, Folder 15  Berkner, Lloyd V.
                Award program

Box 7, Folder 15  Bevis
                Article

Box 7, Folder 15  Bieberman, Jane
                Scrapbook entry on

Box 7, Folder 15  Billings, Ellen A.
                Article

Box 7, Folder 15  Binns, Jack
                Scrapbook entry on, article

Box 7, Folder 15  Bird, J.R.
                Article

Box 7, Folder 15  Black, H.S.
                Article

Box 7, Folder 15  Blakeslee, Lt.
                Article

Box 7, Folder 15  Blalack, Charles E.
                Scrapbook entry on

Box 7, Folder 15  Bliss, Cornelius N.
                Scrapbook entry on, article

Box 7, Folder 15  Bondi, James F.
                Scrapbook entry on

Box 7, Folder 15  Bordeaux, Lucien
                Scrapbook entry on

Box 7, Folder 15  Bose, Jagadis Chunder
                Scrapbook entry on

Box 7, Folder 15  Bottomley, John
                Scrapbook entry on

Box 7, Folder 15  Bouck, Zeh
                Scrapbook entry on

Box 7, Folder 15  Bouthillon, Leon
                Scrapbook entry on

Box 7, Folder 15  Bowles, Edward L.
                Scrapbook entry on
Subseries 4.3: General "C" file, including secondary material on the following persons:

- Box 7, Folder 18: Collinson, Peter
  Scrapbook entry on

- Box 7, Folder 18: Colpitts, Edwin H.
  Scrapbook entry on

- Box 7, Folder 18: Compton, Arthur H.
  Scrapbook entry on

- Box 7, Folder 18: Conradt-Eberlin, Viggo H.
  Articles

- Box 7, Folder 18: Conway, Urey W.
  Scrapbook entry on

- Box 7, Folder 18: Cook, Jay D.
  Press release

- Box 7, Folder 18: Cooke, G.C.
  Articles

- Box 7, Folder 18: Coolidge, William David
  Scrapbook entry on

- Box 7, Folder 18: Cooper, Charles B.
  Article

- Box 7, Folder 18: Cornell, Ezra
  Scrapbook entry on

- Box 7, Folder 18: Costigan, Daniel E.
  Article

- Box 7, Folder 18: Coulter, Harry
  Scrapbook entry on

- Box 7, Folder 18: Crocker, Allan E.
  Scrapbook entries on

- Box 7, Folder 18: Crocker, Stuart M.
  Scrapbook entry on, article

- Box 7, Folder 18: Croney, Evan
  Scrapbook entry on

- Box 7, Folder 18: Crosley, Powel
  Scrapbook entry on

- Box 7, Folder 18: Crossley, Alfred
  Scrapbook entry on, article

- Box 7, Folder 18: Crowley, Sylvester W.
  Scrapbook entry on
Box 7, Folder 18  Cruse, Andrew W.
        Scrapbook entry on
Box 7, Folder 18  Culbert, Frederic P.
        Memorandum
Box 7, Folder 18  Culbertson, Owen
        Scrapbook entry on
Box 7, Folder 18  Cullum, A. Earl
        Award program
Box 7, Folder 18  Cummings, B.R.
        Article
Box 7, Folder 18  Cunaeus
        Scrapbook entry on
Box 7, Folder 18  Cunningham, Elmer T.
        Memorandum, scrapbook entry on
Box 7, Folder 18  Curie, Marie S.
        Scrapbook entry on
Box 7, Folder 18  Curtis, F.W.
        Scrapbook entry on
Box 7, Folder 18  Cutler, Bertram
        Biographical information
Box 7, Folder 37  Cabot, Sewall
        Biographical writings, articles, scrapbook entry on
Box 7, Folder 38  Cansler, Louis
        Autobiographical writings
Box 7, Folder 39  Carpenter, Glenn W.
        Press release, scrapbook entry on
Box 7, Folder 40  Chethan, Harry
        Correspondence pertaining to, 1938
Box 7, Folder 41  Clark, George H.
        Letters, unknown date
Box 7, Folder 42  Clark, George H.
        Correspondence, 11903-1909
Box 8, Folder 1   Clark, George H.
        Correspondence, 1910
Box 8, Folder 2   Clark, George H.
        Correspondence, January - July, 1911
Box 8, Folder 3   Clark, George H.
        Correspondence, August - December, 1911
Box 8, Folder 4  Clark, George H.  Correspondence, 1912
Box 8, Folder 5  Clark, George H.  Correspondence, 1914-1917
Box 8, Folder 6  Clark, George H.  Correspondence, 1918-1927
Box 8, Folder 7  Clark, George H.  Correspondence, 1928-1934
Box 8, Folder 8  Clark, George H.  Correspondence, 1935
Box 8, Folder 9  Clark, George H.  Correspondence, 1936
Box 8, Folder 10  Clark, George H.  Correspondence, 1937-1939
Box 8, Folder 11  Clark, George H.  Correspondence, 1940-1941
Box 8, Folder 12  Clark, George H.  Correspondence, 1942-1943
Box 8, Folder 13  Clark, George H.  Correspondence, 1944-1945
Box 8, Folder 14  Clark, George H.  Correspondence, 1946-1948
Box 8, Folder 15  Clark, George H.  Letters relating to, 1934-1935
Box 8, Folder 16  Clark, George H.  Biographical information
Box 8, Folder 17  Clark, George H.  Biographical writings about
Box 9, Folder 1  Clark, George H.  Autobiographical writings by
Box 9, Folder 2  Clark, George H.  Autobiographical writings by
Box 9, Folder 3  Clark, George H.  Writings on his career
Box 9, Folder 4  Clark, George H.  Writings and speeches
Box 9, Folder 5  Clark, George H.  Writings on radio history
Box 9, Folder 6  Clark, George H.
Writings on his collection and library

Box 9, Folder 7  Clark, George H.
Writings: "Regeneration' in the U.S. Navy"

Box 9, Folder 8  Clark, George H.
Writings: "Preliminary Data on possible transfer of my historical library and collection of radioana to the Radio Corporation of America", June 11, 1941

Box 9, Folder 9  Clark, George H.
Clark's list of patentable inventions, 1919

Box 9, Folder 10  Clark, George H.
Litigation documents

Box 9, Folder 11  Clark, George H.
Financial documents

Box 9, Folder 12  Clark, George H.
First salary check

Box 9, Folder 13  Clark, George H.
Clippings and printed material

Box 9, Folder 14  Clark, George H.
Printed material

Box 9, Folder 15  Clark, George H.
Miscellany

Box 9, Folder 16  Clark, George H.
Records (drawings, notes) of Clark's patentable inventions, undated

Box 9, Folder 17  Clark, George H.
Records (drawings, notes) of Clark's patentable inventions, 1905-1907

Box 9, Folder 18  Clark, George H.
Records (drawings, notes) of Clark's patentable inventions, 1908-1913

Box 9, Folder 19  Clark, George H.
Records (drawings, notes) of Clark's patentable inventions, 1914-1915

Box 9, Folder 20  Clark, George H.
Records (drawings, notes) of Clark's patentable inventions, January - May, 1916

Box 9, Folder 21  Clark, George H.
Records (drawings, notes) of Clark's patentable inventions, June, 1916 - 1917

Box 10, Folder 1  Clark, George H.
Records (drawings, notes) of Clark's patentable inventions, 1918-1919

Box 10, Folder 2  Clark, George H.
Records (drawings, notes) of Clark's patentable inventions, 1920

Box 10, Folder 3  Clark, Willard
Letters, 1944

Box 10, Folder 4 Coburn, John C. Litigation documents

Box 10, Folder 5 Chozen, Alfred Biographical information

Box 10, Folder 6 Cole, Neil D. Letters, 1933-1935; business card

Box 10, Folder 7 Coleman, Arthur Letter, 1931; certificate, 1911

Box 10, Folder 8 Conrad, Frank Press release, articles, scrapbook entries on, address by David Sarnoff on

Box 10, Folder 9 Cooke, Charles G. Biographical information

Box 10, Folder 10 Cooper, C.B. Biographical and autobiographical information

Box 10, Folder 11 Costigan, A.J. Biographical information, articles

Box 10, Folder 12 Cowan Letter pertaining to, 1936

Box 10, Folder 13 Cram, E.R. Correspondence of and about, 1908-1947; biographical information; writings; drawings; scrapbook entries on

Box 10, Folder 14 Crosby, Murray G. Biographical information, printed matter

Box 10, Folder 15 Crosier, Emmet Letters, 1930

Box 10, Folder 16 Cunningham, E.T. Letters, 1922-1935; information on inventions; scrapbook entry on

Box 10, Folder 17 Curtis, A.M. Writings

Subseries 4.4: General "D" file, including secondary material on the following persons:

Box 10, Folder 18 Daley, W.F. Scrapbook entry on

Box 10, Folder 18 Dana, Paul A. Scrapbook entry on
| Box 10, Folder 18 | DuMont, Allen B. | Biographical information, article, scrapbook entries on |
| Box 10, Folder 18 | Duncan, Rudolph L. | Article |
| Box 10, Folder 18 | Dunham, H.E. | Article |
| Box 10, Folder 18 | Dunmore, F.W. | Article |
| Box 10, Folder 18 | Dunn, Gano | Biographical information, article |
| Box 10, Folder 18 | Dunn, R.W. | Scrapbook entry on |
| Box 10, Folder 18 | Dyson, Sir Frank | Scrapbook entry on |
| Box 10, Folder 19 | D'Agostino, J. | Letter, 1935 |
| Box 10, Folder 20 | Davis, George S. | Correspondence of and relating to, 1919-1920 |
| Box 10, Folder 21 | Davis, Manton | Letters, 1932-1939; biographical information; articles |
| Box 10, Folder 22 | DeForest, Lee | Correspondence with Clark, undated and 1917-1948 |
| Box 10, Folder 23 | DeForest, Lee | Correspondence, undated and 1918-1947 (some of it in excerpt form) |
| Box 10, Folder 24 | DeForest, Lee | Letters pertaining to, 1939-1947 |
| Box 10, Folder 25 | DeForest, Lee | Poem about |
| Box 10, Folder 26 | DeForest, Lee | Scrapbook entries on |
| Box 10, Folder 27 | DeForest, Lee | Clippings and articles |
| Box 11, Folder 1 | DeForest, Lee | Miscellaneous printed material |
| Box 11, Folder 2 | DeForest, Lee | Articles about |
| Box 11, Folder 3 | DeForest, Lee | Autobiographical writings |
Box 11, Folder 4  DeForest, Lee  
Writings, "Wireless Telegraphy as it is Today"

Box 11, Folder 5  DeForest, Lee  
Articles by, 1898-1903

Box 11, Folder 6  DeForest, Lee  
Miscellaneous writings

Box 11, Folder 7  DeForest, Lee  
Litigation documents

Box 11, Folder 8  DeForest, Lee  
Biographical writings

Box 11, Folder 9  DeForest, Lee  
DeForest Company documents

Box 11, Folder 10  DeForest, Lee  
Miscellany

Box 11, Folder 11  Degroot, Henry  
Litigation documents

Box 11, Folder 12  Descalzi, Ray  
Speech

Box 11, Folder 13  Di Lorenzo, S. Natale  
Letter, 1937

Box 11, Folder 14  Dolbear, Amos  
Letters to and pertaining to, 1900-1941

Box 11, Folder 15  Dolbear, Amos  
Writings: "On my Researches in Telephony"

Box 11, Folder 16  Dolbear, Amos  
Biographical writings and articles

Box 11, Folder 17  Dolbear, Benjamin  
Letters of and pertaining to, 1911-1947

Box 11, Folder 18  Dreher, Carl  
Letter, 1931-1948

Box 11, Folder 19  Dubilier, William  
Biographical writings, articles

Box 11, Folder 20  Dubilier, William  
Correspondence pertaining to, 1919-1920

Box 11, Folder 21  Dubilier, William  
Litigation documents, 1920

Box 11, Folder 22  Ducretet, E.  
Book, Practical Guide to Long Distance Wireless Telephony, 1902; article
<table>
<thead>
<tr>
<th>Box 11, Folder</th>
<th>Duffy, J.B.</th>
<th>Letter, 1944; biographical writings; articles; scrapbook entries</th>
</tr>
</thead>
<tbody>
<tr>
<td>23</td>
<td>Dunlap, Orrin</td>
<td>Biographical information; articles</td>
</tr>
<tr>
<td>24</td>
<td>Dunlap, Orrin</td>
<td>Review of his radio manual</td>
</tr>
<tr>
<td>25</td>
<td>Dunn, Laurence</td>
<td>Biographical information, articles</td>
</tr>
</tbody>
</table>

**Subseries 4.5: General "E" file, including secondary material on the following persons**

<table>
<thead>
<tr>
<th>Box 11, Folder</th>
<th>Eastham, Melville</th>
<th>Scrapbook entries</th>
</tr>
</thead>
<tbody>
<tr>
<td>27</td>
<td>Eaton, William A.</td>
<td>Notes by Clark on, scrapbook entry on</td>
</tr>
<tr>
<td>27</td>
<td>Eckersley, P.P.</td>
<td>Article</td>
</tr>
<tr>
<td>27</td>
<td>Eckersley, T.L.</td>
<td>Article</td>
</tr>
<tr>
<td>27</td>
<td>Edelman, Philip E.</td>
<td>Articles</td>
</tr>
<tr>
<td>27</td>
<td>Edes, N.H.</td>
<td>Article</td>
</tr>
<tr>
<td>27</td>
<td>Edgar, Herb</td>
<td>Scrapbook entry on</td>
</tr>
<tr>
<td>27</td>
<td>Edwards, E.P.</td>
<td>Scrapbook entry on</td>
</tr>
<tr>
<td>27</td>
<td>Edwards, Clifton V.</td>
<td>Scrapbook entry on</td>
</tr>
<tr>
<td>27</td>
<td>Ehret, C.D.</td>
<td>Scrapbook entry on</td>
</tr>
<tr>
<td>27</td>
<td>Eichwald</td>
<td>Scrapbook entry on</td>
</tr>
<tr>
<td>27</td>
<td>Ellefson, B.S.</td>
<td>Award program</td>
</tr>
<tr>
<td>27</td>
<td>Elliott, Ralph</td>
<td>Scrapbook entry on</td>
</tr>
<tr>
<td>Box 11, Folder</td>
<td>Ellis</td>
<td>Scrapbook entry on</td>
</tr>
<tr>
<td>---------------</td>
<td>------</td>
<td>-------------------</td>
</tr>
<tr>
<td>Box 11, Folder</td>
<td>Ellsworth, J.D.</td>
<td>Article</td>
</tr>
<tr>
<td>Box 11, Folder</td>
<td>Emmons, George E.</td>
<td>Scrapbook entry on</td>
</tr>
<tr>
<td>Box 11, Folder</td>
<td>Entwhistle, S.W.</td>
<td>Scrapbook entry on</td>
</tr>
<tr>
<td>Box 11, Folder</td>
<td>Erskine-Murray, James</td>
<td>Scrapbook entry on</td>
</tr>
<tr>
<td>Box 11, Folder</td>
<td>Esterly, Marcus H.</td>
<td>Scrapbook entry on</td>
</tr>
<tr>
<td>Box 11, Folder</td>
<td>Evans, Col.</td>
<td>Scrapbook entry on</td>
</tr>
<tr>
<td>Box 11, Folder</td>
<td>Evans, Porter</td>
<td>Article</td>
</tr>
<tr>
<td>Box 11, Folder</td>
<td>Eccles, William Henry</td>
<td>Biographical writings, scrapbook entries</td>
</tr>
<tr>
<td>Box 11, Folder</td>
<td>Eddy, William Crawford</td>
<td>Biographical article, 1941; scrapbook entry on</td>
</tr>
<tr>
<td>Box 11, Folder</td>
<td>Edison, Thomas Alva</td>
<td>Letters relating to, 1929-1931; plans for ceremony honoring</td>
</tr>
<tr>
<td>Box 11, Folder</td>
<td>Edison, Thomas Alva</td>
<td>Articles about, biographical writings</td>
</tr>
<tr>
<td>Box 11, Folder</td>
<td>Eldredge, F.E.</td>
<td>Letter, 1930</td>
</tr>
<tr>
<td>Box 11, Folder</td>
<td>Elwell, Cyril F.</td>
<td>Letters, 1941-1947; writings about; biographical information; scrapbook entries on; articles</td>
</tr>
<tr>
<td>Box 12, Folder 1</td>
<td>Entwistle, G.R.</td>
<td>Biography, article</td>
</tr>
<tr>
<td>Box 12, Folder 2</td>
<td>Espenschied, Lloyd</td>
<td>Biographical writings; letters, 1943-1947; article</td>
</tr>
</tbody>
</table>

Subseries 4.6: De Forest Radio Company, 1905-1930

| Box 37, Folder 1 | Correspondence, 1923-1926 |
Subseries 4.7: DeForest Company Products [Litigation], 1915-1922

Box 39, Folder 1  Press Releases (including articles, TV program schedules, data regarding De Forest Short Wave receivers, statements; and announcements), 1925-1929
Box 39, Folder 2  Press Releases (including articles, TV program schedules, data regarding De Forest Short Wave receivers, statements; and announcements), 1930-1931
Box 39, Folder 4-5 Press Releases (including articles, TV program schedules, data regarding De Forest Short Wave receivers, statements; and announcements), Undated, circa late 1920s-30s
Box 40, Folder 1  News clippings and Correspondence, 1906; 1920s-1930s
Box 40, Folder 2-4 Press Releases, 1920s-1930s
Box 40, Folder 5  Sales Bulletins & Price Lists, 1925-1930

Subseries 4.8: Jenkins Television Corporation, 1924-1931

Box 41, Folder 1  Correspondence, 1924-August, 1925
Box 41, Folder 2  Correspondence, 9/25-4/1926
Box 41, Folder 3  Correspondence, 9629
Box 41, Folder 4  Correspondence, 9870
Box 41, Folder 5  Correspondence, 10117
Box 41, Folder 6  Correspondence, 10231
Box 41, Folder 7  Correspondence, 10357
Box 41, Folder 8  Correspondence, 10502
Box 41, Folder 9  Correspondence, 10533
Box 41, Folder 10  Correspondence, 10563
Box 42, Folder 1  Correspondence, 10594
Box 42, Folder 2  Correspondence, 10625
Box 42, Folder 3  Correspondence, 10653
Box 42, Folder 4  Correspondence, 10684
Box 42, Folder 5  Correspondence, 10714
Box 42, Folder 6  Correspondence, 10745
Box 42, Folder 7  Correspondence, 10775
Box 42, Folder 8  Correspondence, 10806
Box 42, Folder 9  Correspondence, 10837
Box 42, Folder 10  Correspondence, 10867
Box 43, Folder 1  Correspondence, 1924-August, 1925
Box 43, Folder 2  Correspondence, 12/1929-1/1930
Box 43, Folder 3  Correspondence, 10960
Box 43, Folder 4  Correspondence, 10990
Box 43, Folder 5  Correspondence, 11022
Box 43, Folder 6  Correspondence, 11118
Box 43, Folder 7  Correspondence, 11243
Box 44, Folder 1  Correspondence, 1/5/31-3/31/31
Box 44, Folder 2  Correspondence, 4/1/31-5/29/31
Box 44, Folder 3  Correspondence, 6/1/31-12/18/31
Box 44, Folder 4  Correspondence, 9/1/31-12/18/31
Box 44, Folder 5  Public Inquiries & Responses, 1925-1927
Box 44, Folder 6  Public Inquiries & Responses, January-May, 1928
Box 44, Folder 7  Public Inquiries & Responses, June 1-July 15, 1928
Box 44, Folder 8  Public Inquiries & Responses, July 16-31, 1928
Box 44, Folder 9  Public Inquiries & Responses, August, 1928
Box 44, Folder 10  Public Inquiries & Responses, September, 1928
Box 45, Folder 1  TV Inquiries, 9/26/1928-12/31/1928
Box 45, Folder 2  TV Inquiries, 1/4/1929-2/27/1929
Box 45, Folder 3  TV Inquiries, 2/27/1929-4/23/1929
Box 45, Folder 4  TV Inquiries, May-June, 1929
Box 45, Folder 5  TV Inquiries, July-September 13, 1929
Box 46, Folder 1  TV Inquiries, 1928
Box 46, Folder 2  TV Inquiries, 1929
Box 46, Folder 3  Public Inquiries & Responses, 12/18/1929-12/31/1929
Box 46, Folder 4  TV Inquiries, 1930
Box 47, Folder 1  TV Releases, January-August, 1930
Box 47, Folder 2-4  TV Releases, c.a. 1929
Box 47, Folder 5  TV Releases, 1930-1931

Subseries 4.9: Marconi Wireless Telegraph Company, 1908-1929
Box 48, Folder 1  Correspondence, 1908-1911
Box 48, Folder 2  Correspondence, 1912
Box 48, Folder 3  Correspondence, 1913
Box 48, Folder 4  Correspondence, January-July, 1914
Box 48, Folder 5  Correspondence, August-December, 1914
Box 48, Folder 6  Correspondence, January-March, 1915
Box 48, Folder 7  Correspondence, April-August, 1915
Box 48, Folder 8  Correspondence, September-December, 1915
Box 49, Folder 1  Correspondence, January-May, 1916
Box 49, Folder 2  Correspondence, June-September, 1916
Box 49, Folder 3  Correspondence, October-December, 1916
Box 49, Folder 4  Correspondence, assorted items, 1916
Box 49, Folder 5  Correspondence, January-May, 1917
Box 49, Folder 6  Correspondence, June-December, 1917
Box 49, Folder 7  Correspondence, assorted items, 1917
Box 50, Folder 1  Correspondence, January-December, 1918
Box 50, Folder 2  Correspondence, January-June, 1919
Box 50, Folder 3  Correspondence, July-August, 1919
Box 50, Folder 4  Correspondence, September-October, 1919
Box 50, Folder 5  Correspondence, November, 1919
Box 50, Folder 6  Correspondence, December, 1919
Box 50, Folder 7-9 Correspondence, Miscellaneous Orders and Telegrams, 1919
Box 51, Folder 1  Correspondence, January-March, 1920
Box 51, Folder 2  Correspondence, April-May, 1920
Box 51, Folder 3  Correspondence, June, 1920
Box 51, Folder 4  Correspondence, July, 1920
Box 51, Folder 5  Correspondence, August, 1920
Box 51, Folder 6  Correspondence, September, 1920
Box 52, Folder 1  Correspondence, October-December, 1920
Box 52, Folder 2  Correspondence, 1920
Box 52, Folder 3  Correspondence, January-February, 1921
Box 52, Folder 4  Correspondence, March, 1921
Box 52, Folder 5  Correspondence, April, 1921
Box 52, Folder 6  Correspondence, May, 1921
Box 52, Folder 7  Correspondence, June, 1921
Box 52, Folder 8  Correspondence, July, 1921
Box 52, Folder 9  Correspondence, August, 1921
Box 53, Folder 1  Correspondence, September-December, 1921
Box 53, Folder 2  Marconi-grams and Interoffice Memos, 1921
Box 53, Folder 3  Correspondence, January-April, 1922
Box 53, Folder 4  Correspondence, May-September, 1922
Box 53, Folder 5  Correspondence, October-December, 1922
Box 53, Folder 6  Correspondence; Memos; & bills, 1922
Box 53, Folder 7  Correspondence, January, 1923
Box 53, Folder 8  Correspondence, February, 1923
Box 53, Folder 9  Correspondence, March, 1923
Box 53, Folder 10 Correspondence, April, 1923
Box 53, Folder 11 Correspondence, May, 1923
Box 54, Folder 1  Correspondence, June, 1923
Box 54, Folder 2  Correspondence, July, 1923
Box 54, Folder 3  Correspondence, August-September, 1923
Box 54, Folder 4  Correspondence, October-December, 1923
Box 54, Folder 5  Correspondence; Telegrams; & Radiograms, 1923
Box 54, Folder 6  Correspondence, 1924
Box 55, Folder 1  Correspondence, 1925
Box 55, Folder 2  Correspondence, January-June, 1926
Box 55, Folder 3  Correspondence, July-December, 1926
Box 55, Folder 4  RCA Memos, 1926
Box 55, Folder 5  Correspondence, 1927-1928
Box 55, Folder 6  Correspondence, 1929
Box 55, Folder 7  Roy Weagant Correspondence, February-March, 1916
Box 56, Folder 1  M.W.T Co. Research Reports; Rectification by Vacuum Tubes Report RTR #10, 7197
Box 56, Folder 2  M.W.T Co. Research Reports: Telephone Microphones Report #2, 6787
Box 56, Folder 3  M.W.T Co. Research Reports: Paulsen Arch Generator Report RD#9, 7151
Box 56, Folder 4  M.W.T Co. Research Reports: Vacuum Tubes Report #7, 7108
Box 56, Folder 5  M.W.T Co. Research Reports: Bruce Recording System Information Bulletin #4, 7083
Box 56, Folder 6  M.W.T Co. Research Department Information Bulletins: , 1919
Box 56  #2 Flashlight Magneto, 3/18/1919
Box 56  #3 Radio Frequency, 8/3/1919
Box 56  #4 Oscillator, 11/16/1919
Box 56  #5 Resistance Amplifiers, 1/16/1919
Box 56, Folder 7  M.W.T Co. Research Department report RD6: Modulator Receiver, undated
Box 56, Folder 8  M.W.T Co. Research Department Info Dept. #3: Marconi Vacuum Tube, 7077
Box 56, Folder 10  M.W.T Co. Forms, undated

Subseries 4.10: National Electric Signaling Company, 1896-1941
Consists of correspondence to and from Fessenden and other NESCO employees with GE, patent attorneys, the U. S. Navy and other correspondents. Also, contracts, laboratory reports and other company records.

Box 57, Folder 1  Fessenden Correspondence, 1900-October, 1920
Box 57, Folder 2  Fessenden Correspondence, November-December, 1902
Box 57, Folder 3  Fessenden Correspondence, January-June, 1903
Box 57, Folder 4  Fessenden Correspondence, July-December, 1903
Box 57, Folder 5  Fessenden Correspondence, 1904
Box 57, Folder 6  Fessenden Correspondence, January-March, 1905
Box 57, Folder 7  Fessenden Correspondence, April-June, 1905
Box 57, Folder 8  Fessenden Correspondence, July-September, 1905
Box 57, Folder 9  Fessenden Correspondence, October-November, 1905
<table>
<thead>
<tr>
<th>Box 57, Folder 10</th>
<th>Fessenden Correspondence, December, 1905</th>
</tr>
</thead>
<tbody>
<tr>
<td>Box 58, Folder 1</td>
<td>NESCO Correspondence, January-February, 1906</td>
</tr>
<tr>
<td>Box 58, Folder 2</td>
<td>NESCO Correspondence, March, 1906</td>
</tr>
<tr>
<td>Box 58, Folder 3</td>
<td>NESCO Correspondence, April, 1906</td>
</tr>
<tr>
<td>Box 58, Folder 4</td>
<td>NESCO Correspondence, May, 1906</td>
</tr>
<tr>
<td>Box 58, Folder 5</td>
<td>NESCO Correspondence, June, 1906</td>
</tr>
<tr>
<td>Box 58, Folder 6</td>
<td>NESCO Correspondence, July, 1906</td>
</tr>
<tr>
<td>Box 58, Folder 7</td>
<td>NESCO Correspondence, August-September, 1906</td>
</tr>
<tr>
<td>Box 58, Folder 8</td>
<td>NESCO Correspondence, October, 1906</td>
</tr>
<tr>
<td>Box 58, Folder 9</td>
<td>NESCO Correspondence, November-December, 1906</td>
</tr>
<tr>
<td>Box 59, Folder 1</td>
<td>NESCO Correspondence, January, 1907</td>
</tr>
<tr>
<td>Box 59, Folder 2</td>
<td>NESCO Correspondence, February, 1907</td>
</tr>
<tr>
<td>Box 59, Folder 3</td>
<td>NESCO Correspondence, March-May, 1907</td>
</tr>
<tr>
<td>Box 59, Folder 4</td>
<td>NESCO Correspondence, June-August, 1907</td>
</tr>
<tr>
<td>Box 59, Folder 5</td>
<td>NESCO Correspondence, September-October, 1907</td>
</tr>
<tr>
<td>Box 59, Folder 6</td>
<td>NESCO Correspondence, November, 1907</td>
</tr>
<tr>
<td>Box 59, Folder 7</td>
<td>NESCO Correspondence, December, 1907-January, 1908</td>
</tr>
<tr>
<td>Box 59, Folder 8</td>
<td>NESCO Correspondence, February-March, 1908</td>
</tr>
<tr>
<td>Box 59, Folder 9</td>
<td>NESCO Correspondence, April-May, 1908</td>
</tr>
<tr>
<td>Box 59, Folder 10</td>
<td>NESCO Correspondence, June-August, 1908</td>
</tr>
<tr>
<td>Box 60, Folder 1</td>
<td>NESCO Correspondence, September-October, 1908</td>
</tr>
<tr>
<td>Box 60, Folder 2</td>
<td>NESCO Correspondence, November-December, 1908</td>
</tr>
<tr>
<td>Box 60, Folder 3</td>
<td>NESCO Correspondence, January, 1909</td>
</tr>
<tr>
<td>Box 60, Folder 4</td>
<td>NESCO Correspondence, February-March, 1909</td>
</tr>
<tr>
<td>Box 60, Folder 5</td>
<td>NESCO Correspondence, April, 1909</td>
</tr>
<tr>
<td>Box 60, Folder 6</td>
<td>NESCO Correspondence, May, 1909</td>
</tr>
<tr>
<td>Box 60, Folder 7</td>
<td>NESCO Correspondence, June, 1909</td>
</tr>
<tr>
<td>Box 60, Folder 8</td>
<td>NESCO Correspondence, July, 1909</td>
</tr>
</tbody>
</table>
Box 60, Folder 9  NESCO Correspondence, August-September, 1909
Box 60, Folder 10  NESCO Correspondence, October, 1909
Box 60, Folder 11  NESCO Correspondence, November 15-December 14, 1909
Box 60, Folder 12  NESCO Correspondence, December 15-31, 1909
Box 61, Folder 1  NESCO Correspondence, January, 1910
Box 61, Folder 2  NESCO Correspondence, February, 1910
Box 61, Folder 3  NESCO Correspondence, March-April, 1910
Box 61, Folder 4  NESCO Correspondence, May-July, 1910
Box 61, Folder 5  NESCO Correspondence, September-November, 1910
Box 61, Folder 6  NESCO Correspondence, December, 1910
Box 61, Folder 7  To NESCO: Instructions for Eintoven String Galvanometer, 1910
Box 61, Folder 8  NESCO Correspondence, January-February, 1911
Box 61, Folder 9  NESCO Correspondence, March, 1911
Box 61, Folder 10  NESCO Correspondence, April 1-15, 1911
Box 61, Folder 11  NESCO Correspondence, April 16-30, 1911
Box 62, Folder 1  NESCO Correspondence, May 1-14, 1911
Box 62, Folder 2  NESCO Correspondence, May 15-31, 1911
Box 62, Folder 3  NESCO Correspondence, June 1-15, 1911
Box 62, Folder 4  NESCO Correspondence, June 16-30, 1911
Box 62, Folder 5  NESCO Correspondence, July, 1911
Box 62, Folder 6  NESCO Correspondence, August 1-15, 1911
Box 62, Folder 7  NESCO Correspondence, August 16-31, 1911
Box 62, Folder 8  NESCO Correspondence, September 1-15, 1911
Box 62, Folder 9  NESCO Correspondence, September 16-30, 1911
Box 63, Folder 1  NESCO Correspondence, October 1-15, 1911
Box 63, Folder 2  NESCO Correspondence, October 16-31, 1911
NESCO Correspondence, May, 1913
NESCO Correspondence, June-July, 1913
NESCO Correspondence, August, 1913
NESCO Correspondence, September, 1913
NESCO Correspondence, October, 1913
NESCO Correspondence, November, 1913
NESCO Correspondence, December, 1913
NESCO Correspondence, January, 1914
NESCO Correspondence, February, 1914
NESCO Correspondence, March-April, 1914
NESCO Correspondence, May, 1914
NESCO Correspondence, June-July, 1914
NESCO Correspondence, August, 1914
NESCO Correspondence, August-September, 1915
NESCO Correspondence, October, 1915
NESCO Correspondence, November, 1915
NESCO Correspondence, December, 1915
NESCO Correspondence, January, 1916
NESCO Correspondence, February, 1916
NESCO Correspondence, March, 1916
NESCO Correspondence, April, 1916
<p>| Box 72, Folder 5 | Fessenden Correspondence, January-May, 1904 |
| Box 72, Folder 6 | Fessenden Correspondence, June-July, 1904 |
| Box 72, Folder 7 | Fessenden Correspondence, August-December, 1904 |
| Box 72, Folder 8 | Fessenden Correspondence, January-August, 1905 |
| Box 72, Folder 9 | Fessenden Correspondence, September-December, 1905 |
| Box 73, Folder 1 | Fessenden Correspondence, January, 1906 |
| Box 73, Folder 2 | Fessenden Correspondence, February, 1906 |
| Box 73, Folder 3 | Fessenden Correspondence, March-April, 1906 |
| Box 73, Folder 4 | Fessenden Correspondence, May, 1906 |
| Box 73, Folder 5 | Fessenden Correspondence, June-July, 1906 |
| Box 73, Folder 6 | Fessenden Correspondence, August-December, 1906 |
| Box 73, Folder 7 | Fessenden Correspondence, January-August, 1907 |
| Box 73, Folder 8 | Fessenden Correspondence, 1909 |
| Box 73, Folder 9 | Fessenden Correspondence, February, 1910-March, 1913 |
| Box 74, Folder 1 | Fessenden Correspondence, n.d. |
| Box 74, Folder 2 | Fessenden Correspondence, December, 1902-March, 1904 |
| Box 74, Folder 3 | Fessenden Correspondence, April-May, 1904 |
| Box 74, Folder 4 | Fessenden Correspondence, June-December, 1904 |
| Box 74, Folder 5 | Fessenden Correspondence, January-March, 1905 |
| Box 74, Folder 6 | Fessenden Correspondence, April-June, 1905 |
| Box 74, Folder 7 | Fessenden Correspondence, July-December, 1905 |
| Box 74, Folder 8 | Fessenden Correspondence, January-May, 1906 |
| Box 74, Folder 9 | Fessenden Correspondence, June-August, 1906 |
| Box 74, Folder 10 | Fessenden Correspondence, September-December, 1906 |
| Box 74, Folder 11 | Fessenden Correspondence, 1907 |
| Box 75, Folder 1 | Fessenden Correspondence, January-September, 1908 |
| Box 75, Folder 2 | Fessenden Correspondence, October-November, 1908 |
| Box 75, Folder 3 | Fessenden Correspondence, December, 1908 |</p>
<table>
<thead>
<tr>
<th>Box 75, Folder 4</th>
<th>Fessenden Correspondence, January, 1909</th>
</tr>
</thead>
<tbody>
<tr>
<td>Box 75, Folder 5</td>
<td>Fessenden Correspondence, February, 1909</td>
</tr>
<tr>
<td>Box 75, Folder 6</td>
<td>Fessenden Correspondence, March-May, 1909</td>
</tr>
<tr>
<td>Box 75, Folder 7</td>
<td>Fessenden Correspondence, June-December, 1909</td>
</tr>
<tr>
<td>Box 75, Folder 8</td>
<td>Fessenden Correspondence, January-September, 1910</td>
</tr>
<tr>
<td>Box 75, Folder 9</td>
<td>Fessenden Correspondence, October-December, 1910</td>
</tr>
<tr>
<td>Box 75, Folder 10</td>
<td>Fessenden Correspondence, August, 1911-February, 1913</td>
</tr>
<tr>
<td>Box 75, Folder 11</td>
<td>Fessenden Correspondence, March-April, 1913</td>
</tr>
</tbody>
</table>

Correspondence, 1911-1920 between the below listed individuals in the Pittsburg, Pa. and Brooklyn, N. Y. offices regarding the Arlington - Salem Test and the publication of an article about it. The test was made primarily to allow the contractor, NESCO, to demonstrate, under service conditions, the effectiveness of the apparatus it had supplied to the Navy Department. The correspondence also concerns the establishment and maintenance of the Arlington Station; patent litigation; abstract of cases in Fessenden - NESCO litigation; and business concerns of the International Radio Telegraph Company.


<table>
<thead>
<tr>
<th>Box 76, Folder 1</th>
<th>Miscellaneous, undated</th>
</tr>
</thead>
<tbody>
<tr>
<td>Box 76, Folder 2</td>
<td>Correspondence, 1904</td>
</tr>
<tr>
<td>Box 76, Folder 3</td>
<td>Correspondence, 1905</td>
</tr>
<tr>
<td>Box 76, Folder 4</td>
<td>Correspondence, 1906</td>
</tr>
<tr>
<td>Box 76, Folder 5</td>
<td>Correspondence, 1907</td>
</tr>
<tr>
<td>Box 76, Folder 6</td>
<td>Correspondence, 1908</td>
</tr>
<tr>
<td>Box 76, Folder 7</td>
<td>Correspondence, 1909</td>
</tr>
<tr>
<td>Box 76, Folder 8</td>
<td>Correspondence, 1910</td>
</tr>
<tr>
<td>Box 76, Folder 9</td>
<td>Correspondence, 1911</td>
</tr>
<tr>
<td>Box 76, Folder 10</td>
<td>Correspondence, 1912</td>
</tr>
</tbody>
</table>
Box 76, Folder 11 Correspondence, 1913
Box 76, Folder 12 Correspondence, April, 1913-June, 1920
Box 76, Folder 13 Correspondence, 1918
Box 76, Folder 14 Correspondence, 1919
Box 76, Folder 15 Memo-Patents, 1908
Box 76, Folder 16 Reports, circa 1906
Box 76, Folder 17 British License, 1905
Box 76, Folder 18 Depositions, 1906
Box 76, Folder 19 Depositions, 1905
Box 76, Folder 20 Depositions, 1906
Box 76, Folder 21 Reports, 1907-1909
Box 77, Folder 1 Scrapbook of newsclippings (3 vols.), 1904-1918
Box 78, Folder 1 NESCO Litigation, 1916-1941
Box 78, Folder 2 NESCO Litigation, 1913-1917
Box 78, Folder 3 NESCO Blueprints, 1896-1910
Box 78, Folder 4 Correspondence, n.d.
Box 78, Folder 5 Publications, 1906-1910
Box 78, Folder 6 NESCO Memoranda
Box 78, Folder 7 NESCO Telegrams
Box 78, Folder 8 Photographs

Subseries 4.11: Wireless Specialty Apparatus Company 1906-1929
Box 82, Folder 4  WSA Correspondence, October-December, 1914
Box 82, Folder 5  WSA Correspondence, January-February, 1915
Box 82, Folder 6  WSA Correspondence, March-May, 1915
Box 82, Folder 7  WSA Correspondence, June-July, 1915
Box 82, Folder 8  WSA Correspondence, November-December, 1915
Box 82, Folder 9  WSA Correspondence, September-December, 1916
Box 82, Folder 10 WSA Correspondence, 1917
Box 83, Folder 1  WSA Correspondence, January-April, 1918
Box 83, Folder 2  WSA Correspondence, May-August, 1918
Box 83, Folder 3  WSA Correspondence, September, 1918
Box 83, Folder 4  WSA Correspondence, October-December, 1918
Box 83, Folder 5  WSA Correspondence, January-February, 1919
Box 83, Folder 6  WSA Correspondence, March, 1919
Box 83, Folder 7  WSA Correspondence, April, 1919
Box 83, Folder 8  WSA Correspondence, May, 1919
Box 84, Folder 1  WSA Correspondence, June, 1919
Box 84, Folder 2  WSA Correspondence, July, 1919
Box 84, Folder 3  WSA Correspondence, August, 1919
Box 84, Folder 4  WSA Correspondence, September, 1919
Box 84, Folder 5  WSA Correspondence, October, 1919
Box 84, Folder 6  WSA Correspondence, November, 1919
Box 84, Folder 7  WSA Correspondence, December, 1919
Box 84, Folder 8  WSA Correspondence, January, 1920
Box 84, Folder 9  WSA Correspondence, February-March, 1920
Box 85, Folder 1  WSA Correspondence, April-June, 1920
Box 85, Folder 2  WSA Correspondence, July, 1920
Box 85, Folder 3  WSA Correspondence, August-December, 1920
Box 85, Folder 4  WSA Correspondence, January-March, 1921
Box 85, Folder 5  WSA Correspondence, April, 1921
Box 89, Folder 5  WSA Correspondence, July-August, 1928
Box 89, Folder 6  WSA Correspondence, September-December, 1928
Box 89, Folder 7  WSA Correspondence, January, 1929
Box 89, Folder 8  WSA Correspondence, February, 1929
Box 89, Folder 9  WSA Correspondence, March, 1929
Box 89, Folder 10  WSA Correspondence, April-May, 1929
Box 90, Folder 1  WSA Correspondence, June-August, 1929
Box 90, Folder 2  WSA Correspondence, September-October, 1929
Box 90, Folder 3  WSA Correspondence, November-December, 1929
Box 91, Folder 1  Unorganized Correspondence, 1906-1927 (Mostly personal correspondence of Pickard, Firth, Farnsworth, and Barkley), 1906-1910
Box 91, Folder 2  Unorganized Correspondence, 1906-1927 (Mostly personal correspondence of Pickard, Firth, Farnsworth, and Barkley), 1911-1912
Box 91, Folder 3  Unorganized Correspondence, 1906-1927 (Mostly personal correspondence of Pickard, Firth, Farnsworth, and Barkley), 1913-1914
Box 91, Folder 4  Unorganized Correspondence, 1906-1927 (Mostly personal correspondence of Pickard, Firth, Farnsworth, and Barkley), 1915-1918
Box 91, Folder 5  Unorganized Correspondence, 1906-1927 (Mostly personal correspondence of Pickard, Firth, Farnsworth, and Barkley), 1921-1927
Box 92  Patents: A collection of 101 patents owned by and licensed to the Wireless Specialty Apparatus Company by the U.S. Patent office in 1906-1925. An index of the patents listed by U.S. Patent numbers and by WSA Co. numbers is included., 1906-1925

Subseries 4.12: Radio Corporation of America, 1895-1950

Box 93, Folder 1  RCA News Releases, 1922-1923
Box 93, Folder 2  RCA News Releases, 1924
Box 93, Folder 3  RCA News Releases, 1925-1926
Box 93, Folder 4  RCA News Releases, 1927
Box 93, Folder 5  RCA News Releases, 1928-1929
Box 93, Folder 6  RCA News Releases, 1930-1931
Box 93, Folder 7  RCA News Releases, 1932-1935
Box 94, Folder 1  RCA News Releases, 1936
Box 94, Folder 2  RCA News Releases, January-June, 1937
Box 94, Folder 3  RCA News Releases, July-December, 1937
Box 94, Folder 4  RCA News Releases, 1938
Box 95, Folder 1  RCA News Releases, 1939
Box 95, Folder 2  RCA News Releases, 1940-1946
Box 95, Folder 3  RCA News Releases, n.d.
Box 96, Folder 1  RCA License Division Laboratory Reports, 1940
Box 96, Folder 2  RCA License Division Laboratory Reports, 1941
Box 97, Folder 1  RCA Dealer Discounts & Price Lists, 1921-1930
Box 97, Folder 2  RCA General Data to Dealers & Distributors, 1927-1930
Box 98, Folder 1  RCA Engineering Reports (bound), 1927-1929
Box 99, Folder 1-  Material on proposed merger of RCA and Internet a1 Telephone and Telegraph Co.; Statements to Couzens Committee of U.S. Congress, (Bound), 1929
Box 100, Folder 1  Marconi W. T. Co., circa 1903-1942
Box 100, Folder 2  Misc. RCA, including Clark's "Chronology of RCA"circa 1912-1940
Box 100, Folder 3  Misc. WSA Correspondence and notes, circa 1909-1941
Box 100, Folder 4  Finch Telecommunications: prospectus, promotional material, circa 1939
Box 100, Folder 5  Misc. Notes & Newsclippings, circa 1902-1942
Box 100, Folder 6  Evolution of the RCA monogram, 1944
Box 100, Folder 7  Newsclippings: early wireless, circa 1899-1907
Box 100, Folder 8  Miscellaneous, circa 1902-1943
Box 100, Folder 9  Newsclippings: network split, 1941
<p>| Box 100, Folder | Misc. Newsclippings re: RCA &amp; Victor, 1910-late 1930s |
| Box 101, Folder | Agreements &amp; licenses: RCA &amp; Dublier, 1925 |
| Box 101, Folder | Misc. Notes: RCA, circa 1897-1944 |
| Box 101, Folder | Misc. Notes: Marconi, WTC, Federal, Telefunken, circa 1901-1946 |
| Box 101, Folder | Miscellaneous, circa 1901-1947 |
| Box 101, Folder | DeForest-Nesco, circa 1898-1933 |
| Box 101, Folder | DeForest, circa 1905-1906 |
| Box 102, Folder | Stone Telephone &amp; Telegraph Co., circa 1900-1945 |
| Box 102, Folder | Stone Telephone &amp; Telegraph Co., circa 1902-1926 |
| Box 102, Folder | Records of work done by John Stone Stone for Ladd Syndicate, 1901-1902 |
| Box 103, Folder | &quot;History of Early Wireless Telegraphy,&quot; by George H. Clark, 1932-1952 |
| Box 103, Folder | Work of George H. Clark in Venezuela: Technical Diary, 1921 |
| Box 103, Folder | Miscellaneous, 1903-1947 |
| Box 103, Folder | Misc. Notes &amp; Articles, Marconi W.T. Co., circa 1897-1946 |
| Box 103, Folder | Misc. Notes, press releases, and promotional material, circa 1897-1942 |
| Box 103, Folder | Misc. Correspondence and notes, various companies, circa 1911-1948 |
| Box 104, Folder | Marconi W. T. Co. of America-RCA: annual reports, 1903-1926 |
| Box 104, Folder | RCA annual reports, 1927-1946 |</p>
<table>
<thead>
<tr>
<th>Box 104, Folder 3</th>
<th>Correspondence: N.Y. Security Co.- DeForest, 8/25/1905 - 12/30/1905</th>
</tr>
</thead>
<tbody>
<tr>
<td>Box 104, Folder 4</td>
<td>&quot;DeForest to RCA:&quot; Assignment of his patents, 1913-1933</td>
</tr>
<tr>
<td>Box 104, Folder 5</td>
<td>History of Radio and RCA (with chronology), circa 1930</td>
</tr>
<tr>
<td>Box 105, Folder 1</td>
<td>Wireless Specialty Apparatus Co., circa 1911-1925</td>
</tr>
<tr>
<td>Box 105</td>
<td>U.S./Foreign Patents</td>
</tr>
<tr>
<td>Box 105, Folder 2</td>
<td>Wireless Specialty Apparatus Co., circa 1912-1926</td>
</tr>
<tr>
<td>Box 105, Folder 3</td>
<td>RCA misc. promotional, correspondence, circa 1914-1940</td>
</tr>
<tr>
<td>Box 105, Folder 4</td>
<td>RCA misc. promotional, correspondence, circa 1916-1936</td>
</tr>
<tr>
<td>Box 106, Folder 1</td>
<td>RCA materials, 1920s-1940s</td>
</tr>
<tr>
<td>Box 106, Folder 2</td>
<td>RCA materials, 1920s-1940s</td>
</tr>
<tr>
<td>Box 106, Folder 3</td>
<td>RCA materials, 1920s-1940s</td>
</tr>
<tr>
<td>Box 107, Folder 1</td>
<td>RCA Materials, 1900s-1930s</td>
</tr>
<tr>
<td>Box 107, Folder 2</td>
<td>RCA Materials, 1910s-1930s</td>
</tr>
<tr>
<td>Box 107, Folder 3</td>
<td>RCA Victor Sales Promotional Literature, 1934-1935</td>
</tr>
<tr>
<td>Box 108, Folder 1</td>
<td>RCA Materials, 1910s-1940s</td>
</tr>
<tr>
<td>Box 108, Folder 2</td>
<td>RCA Materials, 1900s-1930s</td>
</tr>
<tr>
<td>Box 108, Folder 3</td>
<td>RCA Materials, 1910s-1930s</td>
</tr>
<tr>
<td>Box 108, Folder 4</td>
<td>RCA Materials, 1900s-1930s</td>
</tr>
<tr>
<td>Box 109, Folder 1</td>
<td>RCA Materials, 1900s-1930s</td>
</tr>
<tr>
<td>Box</td>
<td>Folder</td>
</tr>
<tr>
<td>-----------</td>
<td>--------</td>
</tr>
<tr>
<td>Box 109,</td>
<td>Folder 2</td>
</tr>
<tr>
<td>Box 109,</td>
<td>Folder 3</td>
</tr>
<tr>
<td>Box 109,</td>
<td>Folder 4</td>
</tr>
<tr>
<td>Box 110,</td>
<td>Folder 1</td>
</tr>
<tr>
<td>Box 110,</td>
<td>Folder 2</td>
</tr>
<tr>
<td>Box 110,</td>
<td>Folder 3</td>
</tr>
<tr>
<td>Box 110,</td>
<td>Folder 4</td>
</tr>
<tr>
<td>Box 111,</td>
<td>Folder 1</td>
</tr>
<tr>
<td>Box 111,</td>
<td>Folder 2</td>
</tr>
<tr>
<td>Box 111,</td>
<td>Folder 3</td>
</tr>
<tr>
<td>Box 111,</td>
<td>Folder 4</td>
</tr>
<tr>
<td>Box 111,</td>
<td>Folder 5</td>
</tr>
<tr>
<td>Box 111,</td>
<td>Folder 6</td>
</tr>
<tr>
<td>Box 112,</td>
<td>Folder 1</td>
</tr>
<tr>
<td>Box 112,</td>
<td>Folder 2</td>
</tr>
<tr>
<td>Box 112,</td>
<td>Folder 3</td>
</tr>
<tr>
<td>Box 112,</td>
<td>Folder 4</td>
</tr>
<tr>
<td>Box 113,</td>
<td>Folder 1</td>
</tr>
<tr>
<td>Box 113,</td>
<td>Folder 2</td>
</tr>
</tbody>
</table>
Box 113, Folder 3  Stone Telephone & Telegraph Co., 11/2/1910 - 1/22/1917
Box 113, Folder 4  "Year By Year, Book of Wireless," compiled by D.M. McNicol, 1872-1925
Box 113, Folder 5  RCA Material, 1910s-1930s
Box 113, Folder 6  RCA - owned ships, 1921
Box 114, Folder 1  RCA - WSA Co., 1907-1929
Box 114, Folder 2  RCA - Stone Tel. & Tel., 1910-1916
Box 114, Folder 3  RCA Materials, 1900s-1940s
Box 115, Folder 1  RCA Materials, 1910s-1930s
Box 115, Folder 2  RCA Materials
Box 115, Folder 3  RCA - WSA Co., 1910s-1920s
Box 116, Folder 1  Catalog of Home Receivers (American), 1925-1929
Box 116, Folder 2  Patents & Patent Litigation: WSA Co. & Stone Tel. & Tel., 1906-1920
Box 116, Folder 3  RCA Materials, 1910s-1930s
Box 117, Folder 1  RCA Materials, 1900s-1940s
Box 117, Folder 2  RCA Materials, 1900s-1920s
Box 117, Folder 3  RCA Materials, 1900s-1940s
Box 118, Folder 1  RCA Materials, 1910s-1940s
Box 118, Folder 2  RCA Materials, 1900s-1950s
Box 118, Folder 3  RCA Materials, 1920s-1940s
| Box 119, Folder 1 | RCA Materials, 1900s-1940s |
| Box 120, Folder 1 | Formation of RCA, 1899-1921 |
| Box 120, Folder 2 | Twenty-five Years of TSF, 1910-1935 |
| Box 120, Folder 3 | RCA Statements before FCC, 1936 |
| Box 120, Folder 4 | History of Early Wireless Telegraphic Companies by Clark, 1903-1919 |
| Box 120, Folder 5 | Products of DeForest Radio Co., 1932 |
| Box 121, Folder 1 | "History of Specific (Radio) Companies" Scrapbook, pp. 1-171, bound 1939 |
| Box 121, Folder 2 | pp. 172-306 |
| Box 122, Folder 1 | pp. 307-440 |
| Box 122, Folder 2 | pp. 441-524 |
| Box 123, Folder 1 | pp. 525-634 |
| Box 123, Folder 2 | pp. 635-764 |
| Box 124, Folder 1 | pp. 765-890 |
| Box 124, Folder 2 | pp. 891-975 |
| Box 125, Folder 1 | "History of Wireless Stations," Scrapbook, 1906-1950 |
| Box 125, Folder 2 | Die Antenne (German), 1913 |
| Box 125, Folder 3 | Photographs of German equipment, n.d. |
| Box 125, Folder 4 | British Broadcasting Co., incorporation 1922 |
| Box 125, Folder 5 | WSA Co., 1907-1924 |
Box 125, Folder 6  RCA; Patent Office Record, 1940
Box 125, Folder 7  RCA Brochure, 1944
Box 126, Folder 1  VTM Co. Letterpress book, 1895-1896

Subseries 4.13: Argentina Telegraph Company-International TransRadio, undated

Box 126A  Scrapbook of photographs: Trans Radio Internacional-Compania Telegrafica Argentina, undated
Series 6: Shore Stations, 1900-1940

Series 6 contains biographies of individuals associated with shore stations, including Lieutenant A. Fabbri, U.S.N.R.F.; blueprints; Brant Rock Notes (2 volumes); correspondence; descriptions and photographs of early wireless stations; diaries; data; drawings; engineer's logs; histories; invoices; maps; news clippings; notes; photographs, including some of RCA Radio Pageant, 1929; postcards; public news reports; receipts; signal reports; specifications; telegram forms from commercial and government shore stations for trans oceanic communication and for communication between shore stations. The shore stations include Astoria, Colon, Ketchikan, and Tuckerton. A list of shore stations can be found in series 109.

This series does not include stations for marine or aircraft communications, either on shore or afloat, or broadcasting, television, and amateur stations. See Series L for index to photographs in Bound Volumes.

Box 127, Folder 1  RCA & Tuckerton, 1913-1940
Box 127, Folder 2  Otter Cliffs, 1912-1941
Box 127, Folder 3  Marconi & RCA, 1900-1940
Box 128, Folder 1  NESCO, Marconi, U.S. Navy, 1905-1924
Box 128, Folder 2  Marconi, Tuckerton, 1907-1920
Box 128, Folder 3  Astoria-Ketchikan, 1915-1916
Box 128, Folder 4  U.S. Navy, 1908-1912
Box 129, Folder 1  U.S. Navy, 1906-1914
Box 129, Folder 2  Foreign Stations, 1904-1938
Box 130, Folder 1  Sayville, Long Island, 1907-1918
Box 130, Folder 2  Misc., 1911-1939
Box 130, Folder 3  Signal Reliability, 1914-1922
Box 131, Folder 1  Tuckerton, N.J., 1914-1917
Box 131, Folder 2  Tuckerton, N.J. - Expenses, 1914-1917
Box 132, Folder 1  Belmar, N.J., 1919-1920
Box 132, Folder 2  Lakewood, N.J., 1920
Box 132, Folder 3  Chatham, N.J.; Marshall Station, CA, 1920
Box 132, Folder 4  Brant Rock Notes (2 Vols.), 1905-1906
Box 133, Folder 1  Shore Stations Radioana Book 1, ca. 1900-1920
Box 133, Folder 2  G.H. Clark Reports: letters re: Venezuela, 1921
Box 134, Folder 1  Shore Stations Radioana Book 2, (photographs), 1900-1920
Box 135, Folder 1  Shore Stations Radioana Book 3, 1900-1920
Box 135, Folder 2  Shore Stations Radioana Book 4, 1900-1920
Box 136, Folder 1  Shore Stations Radioana Book 5, 1900-1920
Box 136, Folder 2  Description and Photos: Early W. T. Stations, 1913-1922
Series 7: Marine Stations, 1900s-1930s

Series 7 contains a catalog of "Marine Coastal stations of RCA and Typical Marine Equipment"; correspondence 1911-1924, 1931, 1935; diagrams; drawings; inventories; list of stations ashore by company, May, 1915; news clippings; news releases; photographs, including RCA Radio Pageant, 1929; radiograms; RCA Radio Telegraph Transmitter catalogs; and ships position reports of commercial and government marine radio stations both ashore and afloat. The offshore stations include the S.S. Arkansas, S.S. Atlanta, U.S.S. Connecticut, S.S. Leviathan, S.S. Mauratania, and U.S.S. Philadelphia.

This class does not include aircraft communication stations. A list of stations is in Series 109.

Box 137, Folder 1  Marine Stations, 1900s-1920s
Box 137, Folder 2  RCA Marine Equipment brochures, 1920s
Box 137, Folder 3  Misc., 1910s-1930s
Series 8: Broadcasting Stations, 1910s-1940s

Series 8 contains articles; booklets; catalogs; correspondence; descriptions of stations and equipment; extracts; histories; newspaper and magazine clippings; notes; pamphlets; photographs; postcards; releases; RCA Radio Pageant, 1929; statistics; and summaries of data about specific broadcast stations, AM and FM, and about broadcasting studios. This series includes information about government and commercial stations, lists of which are in Series 109.

Box 138, Folder 1  Broadcasting Stations, 1910s-1930s
Box 138, Folder 2  Broadcasting Stations, 1920s-1940s
Box 139, Folder 1  Broadcasting Stations, 1910s-1940s
Box 139, Folder 2  Fan Mail, 1923
Series 9: Amateur Stations, 1910s-1940s


Box 139, Folder 3   Amateur Stations, 1910s-1940s
Series 10: Miscellaneous Information, 1911-1919

Miscellaneous materials which Clark did not place in other classifications (or Series) he included in this Series including advertisements: including one for an RCA Victor tie clasp; articles; building plans; panel from a Marconi cigar box; correspondence; essays on wireless; examination by Clark, 1939; "Postage Stamp Containing Direct or Indirect Reference to Radio Communication"; maps (Works Progress Administration Employment, October, 1936); news clippings; news releases; photographs; reports. The series also holds seven booklets, including the "Official Handbook of [the] Panama Canal", 1913, and a photographically illustrated booklet about the Panama Canal, compliments of the United Fruit Company and Steamship Service, with views of the Canal under construction and a map of the Canal Zone.

Box 140, Folder 1-3 Misc. Info not otherwise classified by Clark
Box 140, Folder 4 News clippings: auto engines, 1916
Box 140, Folder 5 Collyer Brothers
Box 140, Folder 6 Diesel Material, 1911-1913
Box 140, Folder 7 Building Plans, 1916-1919
Series 11: Radio Antiques, 1892-1938


Box 141, Folder 1  Wireless Age, Vols. 8 & 11, 1920-1924
Box 141, Folder 2  "Radio Amateur Course," by GW Shuart, 1938
Box 141, Folder 3  "Amateur Radio," by J. Grainder, 1922
Box 141, Folder 4  Radio periodical covers
Box 141  Radio/wireless bibliography
Box 141  AIEE Contents sheets (lists of meetings), 1905-1920
Box 141  Mechanical Department, American Bell Telephone Co.: High Frequency Transmissions (typed by Clark), 1892
Series 13: Specifications of Radio Apparatus, 1910s-1930

Series 13 contains specifications of the United States Navy, Army, and commercial companies for all types of radio apparatus, including condenser racks; continuous wave radio transmitting equipment; loop radio receivers; Marconi vacuum tubes; Moorehead tubes; radio communication apparatus; D.C. and A.C. volt meters, D.C. and A.C. ammeters, Wattmeters, Ampere Hour meters, radio frequency ammeters; radio direction finders; switchboard instruments and appliances; transmitting condensers; and transmitting vacuum tubes. Also included are drawings, index sheets of series of blueprints, and memoranda regarding specifications.

Box 142, Folder 1 Specifications, 1910s-1930s
Box 142, Folder 2 Specifications: U. S. Navy, 1917
Box 142, Folder 3 Specifications: U. S. Navy, 1916-1918
Box 143, Folder 1 Specifications: U. S. Navy, 1916-1926
Box 143, Folder 2 Specifications: U. S. Navy, 1928
Box 143, Folder 3 Specifications: GE, 1921-1922
Box 143 Specifications: GE, 1922-1923
Box 144, Folder 1 Specifications: U. S. Navy, 1908-1918
Box 144, Folder 2 Specifications: U. S. Navy, 1916-1930
Box 144, Folder 3 Specifications: Marconi WTC (transformer), 1918-1919
Series 14: General History, 1899-1950s

Series 14 contains material on the history of the radio in general, consisting of abstracts of manuscripts, reports, and printed works; addresses; articles; autobiographies; booklets; correspondence; clippings from journals; diagrams; histories; lectures; memoranda; notes; pamphlets; photographs; releases; reports; reviews; sketches for notes; statements; talks; and portions of yearbooks.

Box 145, Folder 1  Autobiography of Cyril F. Elwell, 1943
Box 145, Folder 2  Miscellaneous, circa 1899-1950s
Box 145, Folder 3  Miscellaneous, 1903-1947
Box 145, Folder 4  Miscellaneous, 1900s-1930s
Box 146, Folder 1  Miscellaneous, 1930s-1940s
Box 146, Folder 2  Miscellaneous, 1899-1947
Box 146, Folder 3  Miscellaneous, 1909-1939
Box 147, Folder 1  Miscellaneous, 1902-1945
Box 147, Folder 2  Miscellaneous, 1899-1944
Box 147, Folder 3  Miscellaneous, 1917-1938
Box 147, Folder 4  Miscellaneous, 1905-1937
Box 148, Folder 1&2  John Firth Scrapbook, 1905-1910
Box 148, Folder 3  Notes on Operations of British Radio Communications, 1918
Series 15: Radio Companies Catalogues & Bound Advertisements, 1873-1941
Series 15 contains catalogues and other advertisements from many companies for a variety of related products e.g. batteries, tubes, and ear phones. Advertisements for broadcast receivers are in Series 45.

Box 149, Folder 1  Index of Radio Co. Catalogs
Box 149, Folder 2  Unclassified Catalogs, 1873-1929
Box 149, Folder 3  Radio Co. Catalogs, 1900-1932
Box 149, Folder 4  Radio Co. Catalogs, 1914-1932
Box 149, Folder 5  Radio Co. Catalogs, 1918-1939
Box 150, Folder 1  Radio Co. Catalogs, 1900-1929
Box 150, Folder 2  Western Electric Catalogs (bound), 1929-1941
Series 16: Log Books, 1902-1923

Series 16, contains log books compiled by early wireless workers between 1907 and 1919. Also included is an unused bound amateur log book. The authors of the books are not identified in most cases. The logs record various tests and experiments with radio equipment.

Box 151, Folder 1  Radio Logbooks, 1905-1914
Box 151, Folder 2  Radio Logbooks, 1907-1918
Box 151, Folder 3  Clark Rough Log (bound) Book #1, 1902-1904
Box 152, Folder 1  Book #2, 1904-1905
Box 152, Folder 2  Book #3, 1905-1906
Box 153, Folder 1  Book #4, 1906-1907
Box 153, Folder 2  Book #5, 1907-1909
Box 154, Folder 1  Book #6, 1909-1910
Box 154, Folder 2  Book #7, 1910-1911
Box 155, Folder 1  Book #8, 1911-1912
Box 155, Folder 2  Book #9, 1911-1913
Box 156, Folder 1  Book #10, 1914
Box 156, Folder 2  Book #11, 1914-1915
Box 157, Folder 1  Book #12, 1915-1916
Box 157, Folder 2  Book #13, 1916-1917
Box 158, Folder 1  Book #14, 1917-1918
Box 158, Folder 2  Book #15, 1918
Box 159, Folder 1  Book #16, 1918
Box 159, Folder 2  Book #16A, 1918-1919
Box 160, Folder 1  Book #17, 1919
Box 160, Folder 2  Book #18, 1920
Box 161, Folder 1  Book #19, 1920-1923
Box 161, Folder 2  Book #20, 1921
Series 17: Radio Companies' House Organs, 1896-1942

Series 17 contains some correspondence, 1935-37 and 1941, to and from Clark and other executives regarding company house organs; a report on the possible issue of an RCA house organ; and copies of various house organs, including the following:

Allerton House Magazine, 1929
Amrad (The Voice of the Air), 1922-1923
De Forest Ourselves, 1929
Federal Flashes, 1920
General Electric News, 1939
Over the Soldering Iron, 1934
(RCA) Photophonews, 1932, 1931
RCA Key-Clicks, 1938
Sales and Service, 1938 (RCA Photophone Ltd.)
Telegraph and Telephone Age, 1936
The Aerovox (research Worker), 1928
The Andion (DeForest), 1929
The Grid (DeForest Radio Co.), 1929
The Marconi Review, 1936
The RMA News, 1928, 1929
The Radiotron News (RCA), 1929, 1930
The Voice of the Victor, 1930, 1911
Wireless News, 1903

This class does not include yearbooks or proceedings of radio societies. See Series 145.

Box 162, Folder 1  Correspondence, 1935-1937
Box 162, Folder 2  House Organs, 1896-1942
Box 162, Folder 3  House Organs, 1903-1938
Box 162, Folder 4  House Organs, 1920-1942
Box 162, Folder 5  "The Audion"1929
Series 18: Prime Movers, 1904-1911

Series 18 consists of photographs of Prime Movers and instructions for the care and preparation of motor boat gas engines. Included are several photographs of Curtis Turbine sets; photographs of alternating current generators for wireless telegraphy; internal combustion and steam engines and air driven generators; specifications for Hornsby Akroyd oil engine, 1904; blueprints of several engine diagrams; directions for engine operations; and descriptions of wireless telegraphy powered by steam turbines.

Box 162, Folder 6  Prime Movers, 1904-1911
Series 19: Batteries, 1898-1934

Series 19 contains data and photographs regarding both storage and dry type batteries; notes; memoranda; correspondence; magazine and newspaper clippings; bulletins of RCA Institutes, Inc., School of Communication; blueprints and drawings; abstracts from Naval Radio Monthly Report; Bulletins of the Edison Storage Battery Co.; instructions for changing and operating batteries; and notes on acceptance, inspection, installation, charging and discharging, maintenance, and trouble with batteries.

Box 163, Folder 1  Batteries, 1908-1933
Box 163, Folder 2  Batteries, 1898-1934
Series 20: Rectifiers, 1875-1935

Series 20 contains newspaper and magazine clippings, articles, correspondence, pamphlets and booklets, about rectifiers; several copies of "Descriptive Specifications for Rectox Rectifiers," instructions for installation and operation; and Department of Commerce and Labor, Bureau of Standards, publication titled "Some Contact Rectifiers of Electric Currents."

The series includes Mercury type, Mechanical Thermionic-electric, and Dry, contact type, but does not include tubes for electronic types.

Box 163, Folder 3  Rectifiers, 1875-1935
Box 163  Annales des Poste, 1921
Series 21: Motor Generators, 1898-1936

Series 21 contains information on motor generators and hand generators, including newspaper clippings on gasoline generators; diagrams and graphs; standard descriptive data and tests for motor-generator sets; correspondence; reports and directions on use of lead covered conductors; specifications of high tension direct current generator sets; specifications of steam turbines and alternators; and photographs.

Box 164, Folder 1   Motor Generators, 1898-1933
Box 164, Folder 2   Motor Generators, 1908-1936
Series 22: Nameplates of Apparatus, 1928

Series 22 consists of nameplates of apparatus assigned by RCA; badges of radio companies; badges of radio inspectors, and radio aides; pins, rings, and other insignia of radio societies and radio companies; included are drawings, diagrams, nameplate instructions, correspondence and memoranda of RCA officials, 1928 regarding nameplates on apparatus manufactured by RCA, diagrams of nameplates, and an explanation of RCA model designations.

Box 164, Folder 3  Nameplates, 1928
Series 23: Switchboards and Switchboard Instruments, 1910-1935

Series 23 contains advertisements; articles; correspondence, 1911-1933, including a letter to Philo Farnsworth with a file history on Andrew Plecher's patent no. 187,664; diagrams; minutes; photographs of radio switchboards and instruments; reports, including a printed report by G.E. on field rheostats, 1914; and specifications for: Panel and frame; Switches; Voltmeters and other meters; Frequency meters (power frequency); relays (except relay keys); Solenoid switches (as part of the panel); Field rheostats (as part of the panel); Motor generator transfer switch (when not an integral part of the motor starter); Transformer transfer switch; and fuses, clips, and terminals.

Box 165, Folder 1  Switchboards, 1910-1935
Series 24: Radio Frequency Switches, 1905-1933

Series 24 contains information about radio frequency switches; Fessenden send-receive switch "walking beam" type; American Marconi antenna transfer switch; and Stone Telephone and Telegraph Co. antenna send-receive switch. Also included are records and drawings of antenna transfer switches produced by the De Forest Co., the Wireless Specialty Apparatus Co., and the Liberty Electric Corporation. There is also correspondence to and from George H. Clark regarding this technology.

Box 165, Folder 2   RF Switches, 1905-1933
Series 25: Transmitter Transformers, 1893-1936

Series 25 contains abstracts; advertisements; articles; clippings; correspondence (1910); descriptions of transformers; diagrams; photographs; reports; sketches; and specifications for transmitter transformers, particularly for spark transmitters. This material covers high and low tension reactances and built-in transformer choke coils (when external these are listed as "protective devices").

Box 165, Folder 3  Transformers, 1893-1921
Box 165, Folder 4  Transformers, 1911-1936
Series 26: Operating Keys, 1843-1949

Series 26 consists of photographs; blueprints; reports; general data; drawings; descriptions; main sending key; relay keys, such as the Massie relay key; combined hand and relay key; relay control key; resistances, reactances, aluminum cells, etc. to reduce sparking at key contacts; and sample of tape perforated by Kleinschmidt perforator for use with the high speed automatic transmitter.

Box 166, Folder 1  Operating Keys, 1843-1949
Box 166, Folder 2  Operating Keys, 1907-1948
Series 27: Power Type Interrupters, 1902-1938

Series 27 contains advertisements; articles; correspondence, 1909 and 1941; descriptions; and illustrations concerning power type interrupters, particularly Chopper (for arc transmitters) Mechanical, Mercury Turbine, and Wehnelt.

Box 166, Folder 3  Interrupters, 1902-1938
Series 28: Protective Devices, 1910-1925

Series 28 contains advertisements; articles; blueprints; booklets; correspondence, 1915-1917; diagrams; and reports, such as the "History of Protective Devices," 1919.

Box 167, Folder 1 Protective Devices, 1910-1925
Series 30: Message Blanks, 1908-1938

This series contains message blanks for radio communication including aerograms; Marconigrams; Photo Radio Receiving blanks; postal cards; radiograms; and wireless press sheets. The following companies or agencies are represented: American De Forest Wireless Telegraph Company; Amalgamated Wireless (Australasia) Ltd.; Companhia Radio Telegraphica Brasileira; Continental Wireless Telephone and Telegraph; Chinese Government Radio Administration; Fessenden Wireless Service, NESCO; French Radio Co; Globe Wireless Ltd; Great Northern Telegraph Co. (Hong Kong); Holland Radio; Imperial Japanese Telegraph; Israelite House of David Wireless Station (Michigan); Japanese Sending Blank; Makay Radio; Marconi Wireless Telegraph Company of America; Massie Wireless Telegraph; Occidental & Oriental Wireless Company; Pacific Wireless Telegraph Company; RCA; Servigo Radio Telegraphico; Societe Anonyme Internationale De Telegraphie Sans Fil (Bruxelles); Stone Telephone & Telegraph Co., 1921; Tropical Radio Telegraph Company; United Wireless Telegraph Company; United Fruit Company; U.S. Naval Radio Service, 1915; and U.S. Signal Corps.

Box 167, Folder 2 Message Blanks, 1908-1938
Series 31: Transmitter Condensers, 1849-1943

Series 31 documents the history and manufacture of the transmitter condenser, including the extensive patent litigation which shaped its development. Included are blueprints; correspondence, 1910-1922; depositions; drawings; index of patents and publications; lists of patents and cross references to patents; outline of chronological history of transmitter condensers; patents (copies); photographs; reports; telegrams; tests; trial testimony and transcriptions. See Series L for index to photographs in Bound Volumes.

Box 167, Folder 3   Transmitter Condensers, 1901-1917
Box 168, Folder 1   Transmitter Condensers, 1912-1918
Box 168, Folder 2   Condenser Patents, Licenses, 1893-1929
Box 168, Folder 3   Condenser Patents, 1874-1915
Box 169, Folder 1   Condenser Patents (Dubilier), 1911-1930
Box 169, Folder 2   Roll and Paper Condensers
Box 170, Folder 1   Condenser Stack (re: Dubilier), 1856-1909
Box 170, Folder 2   Variable Condensers with solid dielectric, 1889-1929
Box 170, Folder 3   WSA Co. vs. Mica Condenser Co. Ltd.; Testimony, 1920
Box 171, Folder 1   Cross-references: U.S. Patents, British, 1849-1921
Box 171, Folder 2   Cross-references: U.S. Patents, British, 1909-1928
Box 171, Folder 3-4 Dubilier vs. WSA Co. re: Mica Transmitting Condensers, 1920
Box 172, Folder 1-3 Dubilier vs. WSA Co. re: Mica Transmitting Condensers, 1920
Box 172, Folder 4   Transmitter Condenser data, U.S. Navy, 1882-1918
Box 173, Folder 1   Transmitter Condenser data, U.S. Navy, 1912-1920
Box 173, Folder 2   Transmitter Condenser data, U.S. Navy, 1915-1919
Box 173, Folder 3   Dubilier vs. WSA Co. Depositions, 1912-1920
Box 173, Folder 4   Dubilier vs. WSA Co. Depositions, 1919-1920
Box 174, Folder 1   Correspondence, 1911-1920
Box 174, Folder 2   Data (U.S. Signal Corps), 1912-1920
Box 174, Folder 3   Data (U.S. Navy), 1913-1917
Box 174, Folder 4   Dubilier vs. WSA Co., 1914-1920
Box 175, Folder 1   Dubilier vs. WSA Co. (testimony), 1920
Series 32: Spark Gaps, 1899-1943

Series 32 contains material on various spark gaps, among which are rotary type, synchronous and non-synchronous; fixed gap, non-quenching; quenched gaps; gaskets; anchor gaps in antenna circuit; synchronous rotary spark gaps; compressed air gaps, etc. Included are diagrams; photographs; descriptions; explanatory notes; data; magazine and newspaper clippings; pamphlets; abstracts of contracts and payments; testimony; reports; correspondence; and court proceedings related to spark gaps.

Box 185, Folder 1-2 Spark Gaps, 1899-1943
Box 185, Folder 3 Spark Gaps, 1905-1913
Box 185, Folder 4 Correspondence: Orville Wright - R. A. Fessenden, 1908
Box 185, Folder 5 Spark Gaps - O.C. Roos Notebook, 1910
Box MC 3/16, Folder 1 Spark Gap Transmitters & Crystal Receivers, undated
Box MC 3/16, Folder 2 miscellaneous blueprints, undated
Series 33: Transmitter Inductances, 1907-1922

Series 33 contains information relating to oscillation transformers; couplers; variometers; and primary and secondary coils of transmitters. Included are magazine and newspaper clippings; notes; correspondence; graphs; diagrams; drawings; illustrations; brief histories; descriptions; abstracts of testimony; and abstracts of court claims regarding transmitter inductances.

Box 186, Folder 1 Transmitter Inductances, 1907-1922
Series 34: Transmitter Wave Changers, 1907-1924

Series 34 contains information regarding wave changers in the U.S. Navy; instruction for installation and operation of Navy-type wave changer systems; notes on transmitters regarding Lodge patent; and descriptions, drawings, photographs, and diagrams regarding waves of the first submarine set for the U.S. Navy, of Priess-Bath magnetic control wave changers, and of wave changers used with 1 K.W. type "C" transmitters. Also included are testimonies, contracts, requisition, correspondence, memoranda, and abstracts of orders.

Box 186, Folder 2  Transmitter Wave Changers, 1907-1924
Box 187, Folder 1  Wave Changers: Book 1, undated
Box 187  Wave Changers: Book 2, undated
Series 37: Arc Transmitters, 1907-1940

Series 37 contains information regarding arc transmitters, including illustrations and photographs of machines and of wireless telephone operators; brief descriptions; histories; notes; articles; diagrams; newspaper and magazine clippings; correspondence; memoranda; reports; data regarding Federal arc sales to U.S. Government, on arc contracts, etc; specifications; contracts and requisitions for arc transmitters; and resume of data on arc contracts. See Series L for index to photographs in Bound Volumes.

Box 188, Folder 1  Technical Descriptions, circa 1907-1940
Box 188, Folder 2  Federal Telegraph Co., Blueprints, 1917
Box 188, Folder 3  U.S. Navy, 1911-1918
Box 189, Folder 1  Technical Articles and Notes, 1907-1939
Box 189, Folder 2  Federal Telegraph Co., Sales to U.S. Government, 1914-1919
Box 189, Folder 3  Technical Notes, 1911-1925
Box 190, Folder 1  Book 1, Collection of G.H. Clark, undated
Series 38: Vacuum Tube Type of Radio Transmitter, 1914-1947

Series 38 consists of literature, data, and photos pertaining to different types and models of vacuum-tube type radio transmitters. It includes lists of vacuum-tube transmitters made by different companies; price lists; notes on the first use of tube transmitters by RCA and on arrangement of oscillation in Mercury Vapor Tubes. Instructions for the operation of various models of radio telephone sets and telephone transmitters; memoranda; correspondence; descriptive specifications; photos of machines and of people operating machines; diagrams; reports; newspaper and magazine clippings; data regarding radio transmitters; articles; drawings; general descriptions; extracts of contracts and payments for vacuum-tube transmitters; specifications; and copies of bulletins, pamphlets, and booklets. See Series L for index to photographs in Bound Volumes.

Box 190, Folder 2  Book 1, Collection of G.H. Clark, undated
Box 191, Folder 1  Technical Data, 1915-1935
Box 191, Folder 2  (U.S. Navy), 1916-1924
Box 191, Folder 3  (U.S. Navy), 1916-1936
Box 191, Folder 4  (Brochures), 1914-1947
Box 192, Folder 1  (Brochures), 1916-1933
Box 192, Folder 2  (Brochures), 1919-1931
Box 192, Folder 3  (Technical Manuals), 1914-1929
Box 192, Folder 4  (Technical Manuals), 1917-1926
Series 39: Radio Transmitter, Radio Frequently Alternator Type, 1894-1940

Series 39 consists of advertisements; correspondence (Fessenden, 1900-09; NESCO, 1909-17; Clark, 1937-40); data files on Alexanderson's Alternator and Goldschmidt's reflection-type radio-frequency alternator; descriptive specification for Standard Signal generator type TMV18; schematic diagrams; and photographs. See Series L for index to photographs in Bound Volumes.

Box 193, Folder 1  Photos, German Equipment, 1911-1940
Box 193, Folder 2  Fessenden Correspondence, 1894-1918
Box 193, Folder 3  Correspondence: Fessenden, GE, Steinmetz, 1900-1902
Box 193, Folder 4  Correspondence: Fessenden, GE, Steinmetz, 1904-1905
Box 193, Folder 5  Correspondence: Fessenden, GE, Steinmetz, 1906
Box 193, Folder 6  Correspondence: Fessenden, GE, Steinmetz, 1907
Box 193, Folder 7  Correspondence: Fessenden, GE, Steinmetz, 1908-1909
Box 194, Folder 1  Radio Frequency Alternator Book 1, Collection of G.H. Clark, undated
Series 41: Vacuum Tubes, Transmitting Types, 1905-1948

Series 41 contains advertisements; booklets; correspondence, 1919-1940; schematic diagrams; engineer’s reports and tests; grids; magazine articles; newspaper clippings; photographs; price lists; sales bulletins; sales catalogues; specification reports; technical data reports; technical information sheets; and tube test reports of transmitting type vacuum tubes. RCA and the De Forest Company are represented.

Box 195, Folder 1  Vacuum Tubes, 1905-1944
Box 195, Folder 2  Vacuum Tubes, 1913-1946
Box 195, Folder 3  Vacuum Tubes, 1916-1936
Box 195, Folder 4  Vacuum Tubes, 1917-1948
Box 196, Folder 1  (DeForest), 1926-1932
Series 43: Receiving Systems, 1904-1934

Series 43 consists of advertisements; correspondence, 1914, 1916, and 1920; charts; graphs, diagrams; news clippings; notes, handwritten and typed; periodical clippings; photographs; schematic blueprints; and schematic wiring diagrams of a complete receiving system. Also included are materials on a transoceanic receiving system; centralized radio installation; auditorium systems; receiver with separate heterodyne driver; and hotel distribution systems. It does not include materials on static reducing systems.

Box 196, Folder 2  Receiving Systems, 1904-1927
Box 197, Folder 1  Receiving Systems, 1907-1934
Series 45: Broadcast Receivers, 1907-1948

Series 45 includes RCA Radiola radio receivers catalogues; technical discussion booklets; technical information and service data sheets; instruction manuals; and service notes filed by model number. RCA and associated manufacturers' battery-type Radiola advertisements, booklets, catalogue material, news clippings, illustrations, photographs, and price lists. There are also replacement parts catalogues filed by name of Radiola. Other catalogues include those of General Electric, Graybar, and Westinghouse. There are also miscellaneous articles; booklets; brochures; catalogues; correspondence; installation and operating instructions booklets; newspaper and periodical clippings and articles; illustrations; instruction books; news releases; photographs; sales literature; and specifications of broadcast receivers of various companies.

Box 197, Folder 2    RCA Radiola, 1925-1929
Box 197, Folder 3    RCA Victor, 1926-1942
Box 198, Folder 1    RCA Radiola, 1927-1929
Box 198, Folder 2-3  RCA Radiola, 1928-1930
Box 198, Folder 4    RCA Victor, 1928-1940
Box 199, Folder 1    RCA Victor, 1926-1942
Box 199, Folder 2    RCA Battery Type, 1922-1930
Box 200, Folder 1    RCA Parts Catalogues, 1924-1942
Box 200, Folder 2    Westinghouse/Graybar, circa 1930
Box 200, Folder 3    Brochures, Correspondence, 1922-1940
Box 201, Folder 1    Press Clippings, 1922-1938
Box 201, Folder 2    Press Clippings, 1922-1947
Box 201, Folder 3    RCA, 1925-1937
Box 202, Folder 1    Brochures, News clippings, 1922-1933
Box 202, Folder 2    Brochures, News clippings, 1922-1940
Box 202, Folder 3    Brochures, News clippings, 1922-1947
Box 203, Folder 1    Brochures, News clippings, 1922-1947
Box 203, Folder 2    Brochures, News clippings, 1923-1947
Box 204, Folder 1    RCA Victor Sales Releases, 1931-1948
Box 204, Folder 2    RCA Service Bulletins, 1928-1930
Box 204, Folder 3    Early Broadcast Receivers, 1907-1922
Box 205, Folder 1    Early Broadcast Receivers, 1911-1940
Box 205, Folder 2  Early Broadcast Receivers, 1912-1940
Box 205, Folder 3  Telefunken Receivers purchased by U.S. Navy, 1915-1939
Box 205, Folder 4  Broadcast Receivers, DeForest, 1921-1940
Box 206, Folder 1  Broadcast Receivers, Book 13, 1930
Box 206, Folder 2  Broadcast Receivers, Book 14, 1930
Series 46: Code Receivers, 1901-1948

Box 207, Folder 1  RCA, DeForest Receivers, 1910-1938
Box 207, Folder 2  RCA, DeForest Receivers, 1911-1928
Box 207, Folder 3  RCA, DeForest Receivers, 1914-1938
Box 208, Folder 1  Code Receivers, 1901-1939
Box 208, Folder 2  Code Receivers, 1902-1939
Box 208, Folder 3  Code Receivers, 1904-1918
Box 208, Folder 4  Code Receivers, 1904-1923
Box 209, Folder 1  Code Receivers, 1905-1948
Box 209, Folder 2  Code Receivers, 1907-1919
Box 209, Folder 3  Code Receivers, 1907-1925
Box 210, Folder 1  Code Receivers, 1910-1946
Box 210, Folder 2  Code Receivers, 1911-1941
Box 210, Folder 3  Code Receivers, 1917-1919
Box 211       Books #1 & #2, undated
Box 212       Books #3 & #4, undated
Box 213       Books #5 & #6, undated
Box 214       Books #7 & #8, undated
Box 215, Folder 1  Receivers for code reception, 1910-1928
Box 215, Folder 2  Shortwave Receivers: U.S. Navy, 1917
Box 215, Folder 3  Receivers with AC Supply (in French), 1922-1927
Series 47: Receiving Inductances, 1898-1944

Series 47 contains articles; blueprints; bulletins; charts; correspondence; diagrams; graphs; illustrations; news clippings; periodical clippings; photographs; Radio Data Book, 1907; sales literature; sketch books; and technical bulletins of low tension inductances for receivers and in test work. It includes air core inductances for receivers (standard inductances in laboratory work); air core inductances for wave meters; couplers and goniometers.

Box 215, Folder 4  Inductances, 1898-1940
Box 216, Folder 1  Inductances, 1899-1928
Box 216, Folder 2  Inductances, 1913-1944
Series 48: Receiving Condensers, 1871-1946

Series 48 contains literature about receiving condensers, including variable and fixed types, detectors, and test appliances; standard condensers for laboratory use; protective device condensers; and key condensers. Included are mostly patents and variable patents, but also there are indexes, diagrams and drawings. This series also consists of patents on sub-class 2 and including specification of Letter Patents on foiled paper and methods of producing same; on condensers; on electrical ignition devices; on press-plates; on press-mold; on condenser terminals and methods of framing same; on protective units, on high-frequency electrical oscillation apparatus. In addition, there are bulletins; magazine clippings; booklets; correspondence; drawings; diagrams; graphs; reports; extracts from U.S. Navy monthly reports; pamphlets; articles; memoranda; test; and experiments.

Box 217, Folder 1  Patents, 1871-1925
Box 217, Folder 2  Patents, 1877-1925
Box 217, Folder 3  Patents, 1926
Box 218, Folder 1  Patents, 1926-1927
Box 218, Folder 2  Patents, 1927-1928
Box 218, Folder 3  Patents, 1929
Box 219, Folder 1  Miscellaneous, 1892-1933
Box 219, Folder 2  Miscellaneous, 1911-1946
Series 49: Audio Signal Devices, 1876-1947

Series 49 contains advertisements; articles; a bid invoice; blueprints; booklets; bulletins, specifications; correspondence, 1905-1920 & 1942; diagrams; instruction booklets; illustrations; news clippings; notes; patent copies; periodical clippings; photographs; service notes; a General Electric Radio Apparatus Catalog for audio-signal-indicating devices; C. Brandes, Inc. Radio advertising. Audio signal devices include: head telephones; telephone cords; telephone headband; telephone transformer; audibility meter; shunt box; group tuners where used in receiver circuit, and telephone condensers. (Box #221 is oversize).

Box 219, Folder 3  Audio Signal Devices, 1876-1942
Box 219, Folder 4  Audio Signal Devices, 1882-1935
Box 220, Folder 1  Audio Signal Devices, 1885-1929
Box 220, Folder 2  Audio Signal Devices, 1901-1947
Box O/S 221, Folder 1  Brandes Headset advertising material: posters, brochures (oversize), undated
Series 50: Detectors, 1878-1944

Series 50 consists of material relating to detectors, especially where constructed as self-contained units. Included are coherers, tone wheels, tickers, magnetic detectors, vacuum tube detectors with control, complete; cat-whisker detectors; crystal detectors; electrolytic detectors; group tuners for use in the audio circuit; tone testers, detector-tester, "ticker" for testing detectors, etc. The materials contain patents, testimonies for G. W. Pickard in Pickard vs. Austin, and general data on detectors including histories; designs, specific and general; methods of manufacture, uses; tests; drawings; photographs; specifications; contracts; patents; litigation records; testimonies; inventors; names and addresses of companies manufacturing detectors; reports; articles; newspaper and magazine clippings; correspondence; notes; blueprints; charts; court proceeding; pamphlets; booklets; experiments; portions of journals; and petitions. This series does not include amplifiers, or individual vacuum tubes. See Series L for index to photographs in Bound Volumes.

Box 222, Folder 1  U.S. Patent Office: Testimony in Pickard v. Austin, 1911
Box 222, Folder 2  U.S. Patents for Pickard, 1908-1918
Box 222, Folder 3  Patents: U.S. and Foreign, 1878-1908
Box 223, Folder 1  Patents: U.S., 1887-1910
Box 223, Folder 2  Patents: U.S., 1910-1924
Box 223, Folder 3  Patents: Foreign, 1897-1908
Box 223, Folder 4  Patents: Correspondence, 1910-1926
Box 223, Folder 5  Technical descriptions, Publications, 1900-1942
Box 224, Folder 1  Patents: Testimony & Correspondence, 1900-1944
Box 224, Folder 2  Correspondence, Drawings, 1901-1926
Box 224, Folder 3  Correspondence, 1903-1924
Box 225, Folder 1  Correspondence, 1906-1925
Box 225, Folder 2  Correspondence, 1908-1925
Box 226, Folder 1  Patents, Correspondence, 1902-1924
Box 226, Folder 2  WSPA Company, 1907-1924
Box 227, Folder 1  Detectors, Book 1, undated
Box 227, Folder 2  Book 2, undated
Series 51: Amplifiers, 1903-1949

Series 51 consists of material about amplifiers, wave changers and tuners, particularly the enhancement of reception and ease of operations of such equipment, with military and civil applications. Included are instruction manuals; bulletins; operations reports; test results; blueprints; diagrams; original sketches; graphs; photographs; and copies of papers presented. There is also an informal corporate history by Dr. De Forest; and an incomplete transcript of an appeal from Exchequer Court of Canada (Foda-Radio Ltd., defendant) and the Canadian General Electric Company. See Series L for index to photographs in Bound Volumes.

Box 229, Folder 1   Amplifiers, 1903-1949
Box 229, Folder 2   Amplifiers, 1907-1948
Box 229, Folder 3   Amplifiers, 1910-1937
Box 230, Folder 1   Amplifiers, 1911-1935
Box 230, Folder 2   Litigation (Supreme Court of Canada), 1914
Box 230, Folder 3   Litigation, 1918-1922
Box 231, Folder 1   Amplifiers [Litigation: Hazeltine vs. Wildermuth], Book 1, undated
Series 52: Receiving Vacuum Tubes, 1905-1949

Series 52 consists of studies on vacuum tubes, including detector type tubes; amplifier type tubes; rectifying type tubes for receiver; grid leaks; filter system for tube circuit; sockets for tubes; adapters. It contains patents on vacuum tubes; and photographs of receiving tubes; histories; notes; list of books on vacuum tubes; types of vacuum tubes; general specifications; diagrams; drawings; sketches; extracts from newspaper articles; extracts from the U.S. Navy monthly reports; memoranda; characteristic charts; special announcements; descriptive summaries of major equipment; and reports. Also enclosed are a good number of photographs; copies of bulletins and magazines; telegraphic messages; price lists; reprints from journals and books; catalogues; data sheets; technical bulletins; correspondence; affidavits; pamphlets; charts; testimonies; and directions. See Series L for index to photographs in Bound Volumes.

Box 231, Folder 2  Vacuum Tubes, 1905-1920
Box 231, Folder 3  Vacuum Tubes: Patents, 1905-1924
Box 232, Folder 1  Vacuum Tubes: Patents, 1910-1923
Box 232, Folder 2  Vacuum Tubes: Patents, 1917-1925
Box 232, Folder 3  Vacuum Tubes as Detectors and Amplifiers, 1915-1930
Box 232, Folder 4  Publications and Clippings, 1906-1946
Box 233, Folder 1  Publications and Clippings, 1915-1945
Box 233, Folder 2  Publications and Clippings, 1916-1942
Box 233, Folder 3  DeForest Material, 1923-1944
Box 234, Folder 1  RCA and Other Material, 1917-1947
Box 234, Folder 2  RCA and Other Material, 1921-1946
Box 235, Folder 1  DeForest and Others, 1884-1948
Box 235, Folder 2  DeForest, 1917-1932
Box 236, Folder 1  DeForest, RCA, 1906-1945
Box 236, Folder 2  DeForest, RCA, 1908-1949
Box 237, Folder 1  DeForest, RCA, 1914-1948
Box 237, Folder 2  Receiving Vacuum Tubes: Book 1, undated
Box 238, Folder 1  Book 2, undated
Box 238, Folder 2  Book 3, undated
Box O/S 238A  Receiving Vacuum Tubes: Scrapbook (oversize), undated
Box 239, Folder 1  Book 11, RCA, undated
Box 239, Folder 2  Notes on Photoelectric Telegraphing, 1923-1924
Series 53: Television Receivers, 1928-1948

Series 53 contains information on the history of television receivers, including: descriptions; notes; articles; a large number of illustrations of television sets. c. 1948; drawings; diagrams; instructions; photographs of television and engineers; advertisements; news clippings; construction manuals; price lists; instructions; bulletins; pamphlets; and a directory of television receiver manufacturers, 1948.

Box 240, Folder 1   TV Receivers, 1928-1948
Series 54: Photo-Radio Apparatus, 1910-1947

Series 54 contains material on photo-radio apparatus including: photographs of people and apparatus; photographs of facsimile receivers; engineers with radio facsimile receiver-printers; operators preparing to send messages; RCA Facsimile Scanners; Jenkins Radio Weather-Map Transmitters; Jenkins Radio Weather-Map Receivers; and several photographs of Jenkins Photoradio apparatus. Also photographs of Jenkins moving picture devices; transmitting facsimile apparatus of the De Forest Company, 1932; radio transmitters made for Radio News Corporation by De Forest Radio Corporation; RCA bulletins on Radio Facsimile system; a booklet on French Facsimile System; list of Experimental Facsimile Broadcasters; a forty-four page bookl on Synchronized Reproduction of Sound and Scene, 1928; some random tests with a photo-radio transmitter and receiver; a number of newspaper and magazine clippings containing articles and illustrations; affidavits transmitted by photoradio; and some notes on facsimile transmission by the RCA Facsimile Service. See Series L for index to photographs in Bound Volumes. See also series 133.

Box 240, Folder 2   Photo-radio Apparatus, 1910-1947
Series 59: Radio Schools, 1902-1945

Series 59 contains radio school and college catalogues; bulletins; prospectus; yearbooks; annual reports; correspondence; minutes of meetings; brief histories; and data regarding government examinations for radio operator and amateur licenses. Radio schools include: the Capitol Radio Engineering Institute, Washington, D.C.; Massachusetts Radio School, Boston; Southern Wireless Institute, Baltimore; RCA Institute, Inc., New York; Radio Institute of America, New York; Philadelphia Wireless School; National Radio Institute, Washington, D.C.

Box 241, Folder 1 Radio Schools, 1902-1945
Series 60: Loudspeakers, 1896-1946

Series 60 contains material on loudspeakers including: short histories; instructions for use, installation and maintenance; articles; notes; reports; drawings; photographs and illustrations of loudspeakers and loudspeaker assembly plants; postcards; portions of magazines; booklets; catalogues; advertisements; service notes; and replacement parts list.

Box 241, Folder 2   Loudspeakers, 1896-1937
Box 242, Folder 1   Loudspeakers, 1922-1946
Series 61: Insulators, 1844-1943

Series 61 consists of data on insulators and insulating materials. Brief histories; magazines; bulletins; catalogues; pamphlets; abstracts from the Navy Semi-monthly Reports; reports; photographs; correspondence; a list of important patents covering the materials and methods of manufacture of insulating materials; copies of patents; diagrams; and two books: The Insulator Book by the Locke Insulator Manufacturing Company, New York, 1919; and The Story of Bakelite by John Kimberly Mumford, New York, 1924.

Box 242, Folder 2  Insulators, 1904-1943
Box 242, Folder 3  Insulators, 1906-1926
Box 243, Folder 1  Publications on Insulators, 1914-1924
Box 243, Folder 2  Insulator patents, 1844-1922
Series 62: Wires, 1906-1945

Series 62 consists of material on wires including: conductors, conduits and connectors. It includes Litzendraht; special-shaped wire, as square cross-section; and standard resistance units for D.C., A.C., and R.F., but does not include wire used in detectors, as cat-whisker. The series also contains wire samples; specimens of standard colors for receiving leads; clippings; articles; price lists; diagrams; engineering data; correspondence; and booklets.

Box 243, Folder 3  Wires, 1906-1945
Series 63: Microphones, 1911-1947

Series 63 documents various types of microphones and TV accessories; the uses of the microphone by military authorities, political leaders, company executives, and broadcasters; and microphone housings in various countries. It includes brief histories; articles; notes; illustrations; photographs; drawings; correspondence; newspaper and magazine clippings; and bulletins.

Box 243, Folder 4   Microphones, 1911-1947
Series 64: Biography, 1925-1948

Series 64 consists of biographies of broadcasting, television and phonograph artists. It includes notes; newspaper and magazine clippings; interviews; illustrations; pamphlets; correspondence; a cookbook of radio personalities; portions of yearbooks; portions of the Readers Digest; bulletins; a copy of the 1930 edition of Who is Who in Radio. See also Series 4.

Box 244, Folder 1  NBC Press Releases, 1935-1940
Box 244, Folder 2  Radio Stars, 1935-1938
Box 244, Folder 3  Radio Stars and Stations, 1934
Box 244, Folder 4  Biographies, undated
Box 244, Folder 5  Interviews by G.H. Clark, 1939-1945
Box 244, Folder 6  Magazine Clippings, 1925-1948
Box 244, Folder 7  Who's Who in Radio, 1930
Box 244, Folder 8  Newspaper clippings, 1936-1948
Box 244, Folder 9  Miscellaneous, 1931-1942
Series 66: Antennas, 1877-1949

Series 66 includes data and photographs on antennas; towers and masts; ground systems; multiple antenna systems; counterpoises; measurements of antenna constants; and measurements of ground resistance. There is a good bibliography on coil aerials and other directional aerials; lists of publications relating to loop antennas; copies of loop patents; portions of bulletins, books, magazines and newspapers; blueprints; pamphlets; reprints from journals; reports; testimonies; photographs; papers; memoranda; instructions; service notes; results of experiments; notes; specifications; diagrams; and correspondence. This series does not include wire for antennas or insulators. See Series L for index to photographs in Bound Volumes.

Box 244, Folder 10 Antennas, 1877-1921
Box 245, Folder 1 Patents, 1886-1921
Box 245, Folder 2 Patents, 1922-1928
Box 245, Folder 3 Patents, 1929
Box 245, Folder 4 Patents: U.S. & Foreign, 1844-1917
Box 246, Folder 1 Miscellaneous, 1895-1942
Box 246, Folder 2 Miscellaneous, 1901-1942
Box 246, Folder 3 Miscellaneous, 1904-1917
Box 246, Folder 4 Miscellaneous, 1906-1943
Box 247, Folder 1 Installations on Warships, 1906-1922
Box 247, Folder 2 Technical Papers, 1909-1917
Box 247, Folder 3 U.S. Navy, 1903-1929
Box 247, Folder 4 U.S. Navy, 1906-1920
Box 248, Folder 1 Miscellaneous, 1903-1949
Box 248, Folder 2 Miscellaneous, 1904-1945
Box 248, Folder 3 Miscellaneous, 1905-1949
Box 249, Folder 1 Miscellaneous, 1907-1948
Box 249, Folder 2 Technical Papers, 1831-1949
Box 249, Folder 3 Technical Papers, 1903-1949
Box 250, Folder 1 Technical Papers, 1904-1923
Box 250, Folder 2 Technical Papers, 1917-1949
Box 251, Folder 1 Antennas, Book 1, undated
Box 251, Folder 2 Antennas, Book 2, undated
Series 67: Telautomatics, 1912-1944

Series 67 contains advertisements; articles; a cartoon; clippings; correspondence, 1904, 1910, 1930, 1932; diagrams; illustrations; press releases; and a sales catalogue concerning the radio control of battleships and of torpedoes from aircraft. Of particular note is the Hammond Receiver.

Box 252, Folder 1 Telautomatics, 1912-1944
Series 69: Direction Finding Equipment, Radio Compasses, 1885-1948

Series 69 contains abstracts; articles; blueprints; booklets; correspondence, 1916-1928; descriptions; diagrams; illustrations; instruction sheets; maps; newsclippings; operating instructions; photographs; reports; sales catalogues; sketches; studies; elementary and technical notes; and wiring diagrams of direction finding equipment. Among the types covered are the pilot cable; radio compass; radio range; Loran; Shoran; Dellini Tosi system; and transmitting types of direction finders, such as Becon. See Series L for index to photographs in Bound Volumes.

Box 252, Folder 2  Direction Finding Equipment, 1885-1946
Box 252, Folder 3  Direction Finding Equipment, 1906-1946
Box 252, Folder 4  Direction Finding Equipment, 1907-1948
Box 253, Folder 1  Direction Finding Equipment, 1910-1922
Box 253, Folder 2  Direction Finding Equipment, 1919-1930
Box 254, Folder 1  Direction Finding Equipment, 1919-1945
Box 254, Folder 2  Radio Compass, Book 1, undated
Box 255, Folder 1  Radio Compass, Book 2, undated
Box 255, Folder 2  Radio Compass, Book 2, undated
Series 71: Aircraft Transmitters, 1908-1947

Series 71 contains abstracts; articles; blueprints; aircraft circuit diagrams; booklets; specification catalogues and manuals; company memoranda; correspondence, 1917; histories; illustrations; newscuttings; periodical clippings; photographs; reports; sketches; technical drawings; technical information and service data for aircraft radio transmitting equipment. Includes combined transmitters and receivers.

Box 256, Folder 1       Aircraft Transmitters, 1908-1931
Box 256, Folder 2       Aircraft Transmitters, 1910-1947
Box 256, Folder 3       Aircraft Transmitters, 1914-1946
Series 72: Field or Portable Transmitters, 1901-1941

Series 72 contains Navy and Army pack sets; combined transmitters and receivers; car sets, etc. It consists of brief histories of portable field sets; descriptions of portable sets; notes; diagrams; drawings; testimonies; notes on experiments; specifications; correspondence, 1911-1916; abstracts of contracts and payments for portable radio sets; The series also contains bulletins; pamphlets; booklets; newspaper and magazine clippings; photographs; data on U.S. Army Signal Corps Battalion-Regiment Set boxes; abstracts from U.S. Navy Monthly Radio Reports; and abstracts from instruction books. See Series L for index to photographs in Bound Volumes.

Box 257, Folder 1, U.S. Army Signal Corps Blueprints, 1918-1919
Box 257, Folder 3 Drawings/Photographic prints, 1901-1941
Box 258, Folder 1 Drawings/Photographic prints, 1904-1931
Box 258, Folder 2 Drawings/Photographic prints, 1909-1919
Box 258, Folder 3 Drawings/Photographic prints, 1917-1939
Box 259, Folder 1 Portable Sets, Book 1, undated
Box 259, Folder 2 Portable Sets, Book 2, undated
Box 260, Folder 1 Portable Sets, Book 3, undated
Series 73: Mobile Radio Systems, 1884-1946

Series 73 contains advertisements for radios and accessories; articles; booklets; correspondence, 1914-1944; news clippings; periodical clippings; photographs; and sales literature concerning mobile radio systems (transmitters and receivers), for automobiles, trucks, trains, and airplanes. This material details connections via dispatcher and AT&T exchanges. This material does not include information on military packs or portable sets, walkie talkie mobile television and broadcasting sets.

Box 260, Folder 2   Translations of Technical Articles, 1884-1900
Box 260, Folder 3   Press Clippings, 1903-1946
Series 74: Radio Frequency Measuring Instruments, 1903-1946

Series 74 contains information about high-frequency, indicating and measuring instruments. It includes data and photos on hot-wire and hot-band ammeters (radiation meters); wave meters and decremeters; thermal couples; stroboscopes; and oscillographs. News clippings from books, newspapers, and magazines; descriptions; instructions; notes; Special Radio Reports; illustrations of apparatus; bulletins and portions of bulletins; pamphlets; catalogues; lectures; patents; blueprints; diagrams; graphs; and drawings. Transmitter adjustments and methods of tuning by wave meter are covered by Series 117, Technical Tables.

Box 261, Folder 1 Radio Frequency Measuring Instruments, 1901-1932
Box 261, Folder 2 Radio Frequency Measuring Instruments, 1903-1918
Box 262, Folder 1 Radio Frequency Measuring Instruments, 1903-1919
Box 262, Folder 2 Radio Frequency Measuring Instruments, 1903-1946
Series 75: Laboratory Testing Methods and Systems, 1891-1945

Series 75 contains advertisements; articles; blueprints of apparatus; booklets; charts; coordination paper; correspondence, 1911-1935; Experiment Reports; graphs; instruction books; news clippings; operating instructions; parts lists; periodical clippings; photographs; reports; sales literature; scientific papers of the Bureau of Standards; service notes; standards; technical information booklets; and tuner tests for all individual apparatus not listed under separate classifications.

Box 263, Folder 1  Laboratory Test Systems, 1891-1945
Box 263, Folder 2  Laboratory Test Systems, 1905-1944
Box 263, Folder 3  Laboratory Test Systems, 1911-1934
Series 76: Aircraft Receivers, 1917-1941

Series 76 contains advertisements; bulletins; data; illustrations; instructions; instruction books; news clippings; periodical clippings; service notes; sketches; technical information booklets; and training manuals of aircraft receivers not part of a combined transmitter and receiver for aircraft use. Also includes special detectors for airplane use; special amplifiers for airplane use; shock proof housing or holders for detector, amplifier, and receiver.

Box 264, Folder 1  Aircraft Receivers, 1917-1941
Series 77: Field Portable Receivers, 1906-1922

Series 77 contains blueprints; correspondence, 1909-1922; graphs; instructions; news clippings; photographs; schematic diagrams; sketches; specifications; and tests of military type field portable receivers which are not a specific part of a combined transmitter and receiver.

Box 264, Folder 2    Field Portable Receivers, 1906-1922
Series 78: Spark Transmitter Assembly, 1909-1940

Series 78 contains abstracts of contracts; blueprints; correspondence, 1909-1921; diagrams; drawings; illustrations; instructions; instruction books; operating and installation instructions; parts lists; periodical clippings; photographs; reports; specifications; technical information booklets; and tests for spark transmitters. Individual parts of a spark transmitter are bolted to a separate housing or frame to form a complete unit which also may include sets.

Box 264, Folder 3  Blueprints, 1913-1918
Box 265, Folder 1  Blueprints, 1913-1919
Box 265, Folder 2  Blueprints, 1916-1918
Box 266, Folder 1  Blueprints (Panel Type), 1916-1921
Box 266, Folder 2  Blueprints (Panel Type), 1910-1940
Box 267, Folder 1  Blueprints (Panel Type), 1909-1926
Series 79: Spark Transmitter System, 1900-1945

Series 79 contains information relevant to complete spark transmitter systems, consisting of transmitter assembly as described in Series 78, plus other associated parts, e.g. receiver, motor generator, send-receive switch, etc. This series refers to the hardware, not the installed system only. When installed, it falls under Series 6-9. The series includes: abstracts; articles; bid summaries; blueprints; contracts; correspondence, 1911-1923; instructions and descriptions; diagrams; drawings; illustrations; news releases; notes; periodical clippings; photographs; sketches; and testimonies.

Box 267, Folder 2  Spark Transmitter System: Blueprints, 1902-1945
Box 268, Folder 1  Spark Transmitter System, 1900-1921
Box 268, Folder 2  Spark Transmitter System, 1910-1924
Series 82: Firsts in Radio, undated

Series 82 consists of Clark's own typed notes; correspondence, 1935-1949; news clippings; news releases (RCA's "firsts"); periodical clippings; and photographs of "Firsts" in radio: what, when, where and how. Cross-indexed in the appropriate file for the event, person, or apparatus being considered.

Box 268, Folder 3   First in Radio, undated
Series 85: Distance Records and Tests, 1898-1940

Series 85 contains advertisements; articles; correspondence, 1906--1926; drawings; graphs; illustrations; maps; messages from ships to shore; newsclippings; news release; periodical clippings; photographs; reports; and tests, measurements, and experiments of receiving stations or receivers, especially in terms of distance covered. See Series L for index to photographs in Bound Volumes.

Box 269, Folder 1  Book 2, undated
Box 269, Folder 2  Distance Records and Tests, 1898-1940
Box 269, Folder 3  Distance Records and Tests, 1902-1930
Series 87: Photographs of Radio Executives, and Technical Types, 1857-1952

Series 87 contains photographs and news clippings of groups and individual radio people, such as executives, inventors and operators. For example, David Sarnoff (Box 378=0001-0320). See also Series M for list of photographs of Sarnoff arranged by document number. It does not include photographs of broadcast, television, and phonograph artists and stars. These are filed in Series 143. See Series K for index to many photographic prints in this Series.

Box 270, Folder 1  Photos of Radio Men (Bound), 1905-1935
Box 270, Folder 2  Photos of Radio Men (Bound), 1907-1952
Box 270, Folder 3  Pictorial History of David Sarnoff, 1910-1936
Box 270, Folder 4  Pictorial History of David Sarnoff, 1936-1944
Box 271, Folder 1  Images of Eminent Radio Personages, and other Broadcast Artists, 1894-1942
Box 271, Folder 2  Images of Eminent Radio Personages, and other Broadcast Artists, 1896-1939
Box 271, Folder 3  Images of Eminent Radio Personages, and other Broadcast Artists, 1903-1940
Box 272, Folder 1  Images of Eminent Radio Personages, and other Broadcast Artists, 1904-1944
Box 272, Folder 2  Images of Eminent Radio Personages, and other Broadcast Artists, 1904-1945
Box 272, Folder 3  Images of Eminent Radio Personages, and other Broadcast Artists, 1904-1947
Box 273, Folder 1  Images of Eminent Radio Personages, and other Broadcast Artists, 1905-1945
Box 273, Folder 2  Images of Eminent Radio Personages, and other Broadcast Artists, 1907-1943
Box 273, Folder 3  Images of Eminent Radio Personages, and other Broadcast Artists, 1907-1948
Series 90: Radio Terms, 1857-1939

Series 90 contains literature regarding radio terms, alphabetically listed, with definitions. Included are abstracts; articles; correspondence; data regarding wireless terminology; glossary of terms published in the yearbooks of 1913 - 1915; list of radio terms and classification numbers; news clippings; notes; reports of committees on standardization, the Institute of Radio Engineers, for 1913, 1915, 1922, 1926, 1927, and 1928; standardization rules; and technical information booklets.

Box 274, Folder 1   Publications of Institute of Radio Engineers, 1913-1942
Box 274, Folder 2   Radio Terms: miscellaneous definitions, 1857-1939
Box 274, Folder 3   Radio Terms: miscellaneous definitions, 1899-1946
Box 274, Folder 4   Radio Terms: miscellaneous definitions, 1900-1948
Box 275, Folder 1   Radio Terms: miscellaneous definitions, undated
Box 275, Folder 2   Radio Terms: Sources, 1912-1927
Box 275, Folder 3   Radio Terms: handwritten notes, undated
Box 276, Folder 1   Radio Terms: handwritten notebooks (10), undated
Box 276, Folder 2   Radio Terms: alphabetical list of terms, and definitions, undated
Series 92: Static Patents and Static Reducing Systems, 1891-1946

Series 92 contains material that describes apparatus, systems, methods and measurements of static-reducing devices. There is data as to form of static, including "term interference", interference due to lightning, and interference due to other natural causes. Included are abstracts of letters; abstracts from USN semi-monthly Radio Reports, August, 1919-October 1920; articles; blueprints; booklets; brief histories; claims; several copies of communication from the International Union of Scientific Radio Telegraphy; correspondence; data regarding Rogers and his underground antenna; descriptions; diagrams; experiments reports; extracts from Yearbook of W.T. & T., 1916, from New York Herald, 1899, and from Radio Report, 1919; graphs; illustrations; litigations; manuscripts; memoranda; minutes; news clippings notes; pamphlets; parts catalogue; patents; a few photographs; reports; reprints from journals; and tests. Box 385 deals specifically with static patents, and box 386 treats static reducing systems with a focus on Weagant's work.

Box 276, Folder 3     Static Neutralizer Patents, 1891-1922
Box 276, Folder 4     Work of Roy A. Weagent, 1915-1918
Box 277, Folder 1     Work of Roy A. Weagent, 1919
Box 277, Folder 2     Work of Roy A. Weagent, 1919-1924
Box 277, Folder 3     Static Reduction, 1905-1946
Box 277, Folder 4     Static Reduction, 1906-1943
Box 278, Folder 1     Static Reduction, 1913-1941
Box 278, Folder 2     Static Reduction, 1921-1944
Series 93: Low Frequency Indicating Instruments, 1904-1946

Series 93 concerns methods of recording radio signals on paper, wax cylinders, and other media. Advertisements, blueprints, bulletins, charts, correspondence, data on radio signals and on recorder tapes, drawings, instructions, and instruction books, journals, clippings, reports, sales bulletins, service notes and test results. Includes ink and other recorders and listener and audience recorders.

Box 278, Folder 3  Low frequency indicating instruments, 1904-1946
Series 95: Articles on Radio Subjects, 1891-1945

Series 95 contains speeches by David Sarnoff (Box 390); transcripts of broadcasts by Orestes H. Cladwell and Gordon Nugent, 1941 (Box 391); and speeches and writings of other radio experts.

Box 279, Folder 1  Speeches by David Sarnoff, 1924-1936
Box 279, Folder 2  Speeches by David Sarnoff, 1936-1940
Box 279, Folder 3  Broadcasts of O.H Caldwell & Gordon Nugent, 1941
Box 280, Folder 1  Broadcasts of O.H Caldwell & Gordon Nugent, 1941
Box 280, Folder 2  Writings on radio/TV, 1891-1943
Box 280, Folder 3  Writings on radio/TV, 1903-1933
Box 281, Folder 1  Writings on radio/TV, 1913-1945
Box 281, Folder 2  Writings on radio/TV, 1922-1940
Box 281, Folder 3  Writings on radio/TV, 1922-1943
Box 282, Folder 1  Writings on radio/TV, 1930-1940
Box 282, Folder 2  Translations of foreign articles by G.H. Clark, 1894-1902
Box 282, Folder 3  Book 1 Scientific Papers, 1900-1911
Box 283, Folder 1  2, 1900-1930
Box 283, Folder 2  3, 1902-1914
Box 284, Folder 1  4, 1904-1916
Box 285, Folder 1  5, 1907-1939
Box 285, Folder 2  6, 1899-1923
Box 286, Folder 1  7, 1906-1911
Box 286, Folder 2  8, 1908-1912
Box 287, Folder 1  12, 1898-1912
Series 96: Radio in Education, 1922-1939

Series 96 contains abstracts of speeches; articles; booklets; brochures; correspondence, 1922-1943; illustrations; news clippings; news releases; periodical clippings; and photographs regarding radio as a factor in education.

Box 287, Folder 2    Radio in Education, 1922-1939
Series 98: Special Forms of Broadcasting, 1921-1943

Series 98 contains information on special forms of broadcasting e.g. church broadcasting; broadcasts for political purposes; for advertising; and for sales promotion, but does not include school broadcasts. Included are news clippings; notes; periodical clippings; photographs; a booklet; and some correspondence.

Box 288, Folder 1    Special Forms of Broadcasting, 1921-1943
Series 99: History of Lifesaving at Sea by Radio, 1902-1949

Series 99 contains abstracts; articles; booklets; correspondence, 1914-1919; 1930-1943; descriptions; illustrations; news clippings; news releases; periodical clippings; and photographs.

Box 288, Folder 2   History of lifesaving at sea by radio, 1902-1947
Box 288, Folder 3   History of lifesaving at sea by radio, 1910-1938
Box 289, Folder 1   History of lifesaving at sea by radio, 1913-1949
Series 100: History of Naval Radio, 1888-1948

Series 100 consists of material pertaining to the history of radio work in the U.S. Navy. It contains history and general description of systems, apparatus, and usages. There are specific descriptions under appropriate series, as Series 46 for code receivers, Series 6 for shore stations, Series 7 for ship installations, Series 72 for portable sets, Series 66 for antennas and masts, etc.

The material in Series 100 consists of copies of affidavits; abstracts of instructions from Monthly Radio Reports; agreements; articles; blueprints; booklets; catalogues; charts; contracts; correspondence; data regarding transmitting condensers, Interdepartmental Radio Board, USNM - U.S. Army radio receiving system; descriptions; diagrams; directions; graphs; histories including G.H. Clark's "The Development of Radio in the U.S. Navy" (493 pages) "Radio in War and Peace" (Box 408D); instructions; job order; portions of journals; record of litigation; memoranda; messages; news clippings; notes; pamphlets; papers presented; patent copies; photographs of stations, men apparatus, and equipment; proceedings in the US. Senate; releases; reports; requisitions; specifications; statements and testimony; and US. Civil Service Examinations for Radio Aid 1919, for Radio Instructor 1920, and for Expert Radio Aid 1914 and 1919.

See Series L for index to photographs in Bound Volumes.

Box 288, Folder 2 Radio in War and Peace by George H. Clark, pp.1-200, 1940
Box 288, Folder 3-4 pp. 201-372
Box 289A, Folder 1 Correspondence, 1914
Box 289A, Folder 2 SRM Book 100 (partial) #318-329, undated
Box 289A, Folder 3 Book 4 #300A-380, undated
Box 290, Folder 1 Chronology of Naval radio development, 1888-1928
Box 290, Folder 2 Correspondence, notes, revisions, 1903-1940
Box 290, Folder 3 Correspondence, notes, revisions, 1903-1943
Box 291, Folder 1 Correspondence, notes, revisions, 1904-1943
Box 291, Folder 2 Correspondence, notes, revisions, 1908-1944
Box 291, Folder 3 Army radio stations; Navy Boston Yard, 1914-1919
Box 292, Folder 1 Correspondence, Navy Documents, Contracts, 1903-1943
Box 292, Folder 2 Correspondence, Navy Documents, Contracts, 1903-1946
Box 292, Folder 3 Correspondence, Navy Documents, Contracts, 1905-1923
Box 293, Folder 1 Navy Contracts, 1903-1920
Box 293, Folder 2 Senate Hearings, Reports, 1908-1948
Box 293, Folder 3  Technical Descriptions, Reports, 1902-1936
Box 294, Folder 1  Navy Contracts, Reports, 1902-1944
Box 294, Folder 2  Navy Contracts, Reports, 1905-1932
Box 294, Folder 3  Navy Contracts, Reports, 1907-1946
Box 294, Folder 4  Testimony before Senate Committee, 1919
Box 295, Folder 1  Navy reports, correspondence, 1910-1945
Box 295, Folder 2  U.S. Navy Book 1, undated
Box 295, Folder 3  U.S. Navy Book 2, undated
Box 296, Folder 1  U.S. Navy Book 3, undated
Box 296, Folder 2  U.S. Navy Book 5, undated
Box 297, Folder 1  Expenditures (record), 1924-1925
Box 297, Folder 2  Radio in War and Peace by G.H. Clark, undated
Box 297, Folder 3  Radio in War and Peace by G.H. Clark (duplicate), undated
Box 297, Folder 4  FTC Report on radio industry, 1923
Series 101: Military Radio, 1898-1946

Series 101 contains advertisements, blueprints, bulletins, charts, correspondence, drawings, instructions, journals, records of litigation, maps, news clippings, news releases, notes, operating instructions, pamphlets, patent copies, periodicals and periodical service notes, scientific papers, specifications, and test reports on the early use of wireless telegraphy and telephony covering the period from the Boer War (1899) to 1945. Information concerns the military use of wireless equipment. Included are compilations under headings: History of Army Radio; Radio in War; Lectures before Sarbonne, Paris 1919; bulletins, procurement files and history of the Signal Corps; and the history of early wireless use.

Box 298, Folder 1  French technical articles (translated), 1918
Box 298, Folder 2  Radio Engineering course, Sorbonne, Paris (lectures), 1919
Box 298, Folder 3  Radio in U.S. Army, 1898-1944
Box 298, Folder 4  Marconi Co. correspondence, 1915-1916
Box 299, Folder 1  Correspondence, news clippings (including Russo-Japanese War), 1904-1946
Box 299, Folder 2  Army Technical Manuals, 1921-1936
Series 102: Transmitting and Receiving Systems, 1902-1935

Series 102 contains abstracts; articles; blueprints; booklets; charts; circuit layouts; correspondence, 1904-1920; descriptions; diagrams; drawings; history of apparatus for radio telegraphy; illustrations; maps; operating instructions; periodical clippings; photographs; schedules of supplies; and specifications for transmitting and receiving systems. Also covered is comparisons of spark arc, and vacuum tube transmitters. The comparative prices and distances covered for some power input is examined. The chronological history of sequence from spark to U.T. sets is documented.

Box 299, Folder 3 Technical Drawings, blueprints, 1902-1934
Box 299, Folder 4 Technical Drawings, blueprints, 1903-1935
Series 103: Receiving Methods, 1905-1935

Series 103 contains advertisements; correspondence, 1910-1916; descriptions; diagrams; drawings; graphs; information bulletins; instructions; news clippings; news releases; notes; pamphlets; periodical clippings; specifications; and technical information booklets.

Box 300, Folder 1   Technical Articles, 1905-1935
Series 108: Codes and Ciphers, 1894-1947

Series 108 contains the files of Major Donald D. Millikan, code and cipher expert, and is comprised of examples from the Cryptology School both he and the Army ran including: announcements; questions and answers to exercises; class lists by student; correspondence, 1915-1937; data sheets; home work; memoranda; problems in cryptanalysis; and tests. Also there is a typed "book" titled Cryptography and Crystanalysis by Milikan. Also included are articles; cartoons; code tapes; codes; news clippings; periodical clippings; and photographs pertaining to this subject.

Box 300, Folder 2  Cryptography, 1894-1947
Box 300, Folder 3  Cryptography, 1932-1937
Box 301, Folder 1  Cryptography, 1935-1937
Box 301, Folder 2  Cryptography & Cryptanalysis, 1907-1938
Box 301, Folder 3  Cryptography & Cryptanalysis, 1937-1938
Series 109: Schedules of Broadcasting and TV Stations, 1905-1940

Series 109 contains abstracts of yearbooks; addresses of U.S. and foreign broadcasting stations; advertisements; booklets; call letters of all U.S. stations, amateur stations and many in foreign countries; charts; diagrams; directories; lists of all stations in U.S.; maps; news clippings; periodical clippings; and program schedules.

Box 302, Folder 1    RCA Station WJZ (N.Y. city) managed by NBC, 1927
Box 302, Folder 2    RCA Station WJZ (N.Y. city) managed by NBC, 1928
Box 302, Folder 3    Radio Stations (lists), 1905-1936
Box 303, Folder 1    Radio Stations (lists), 1916-1937
Box 303, Folder 2    Radio Program Notes, 1919-1948
Box 304, Folder 1    NBC Weekly Program Notes, 1927-1928
Box 304, Folder 2-3  NBC Weekly Program Schedules, 1928
Box 305, Folder 1    NBC Weekly Program Schedules, 1928
Box 305, Folder 2    NBC Weekly Program Schedules, 1928-1929
Box 306, Folder 1    Radio Stations (lists), Book 2, 1934
Box 306, Folder 2    Book 3, 1926-1929
Box 306, Folder 3    Book 4, 1925-1933
Box 306, Folder 4    Book 5, 1913-1927
Box 306, Folder 5    Book 6, 1936
Series 112: Radio Shows and Displays, 1922-1947

Series 112 contains abstracts of contracts for fairs, shows, advertisements; brief histories; copies of contracts; cartoons; charts; a large amount of correspondence; descriptions; designs and layouts; drawings; instructions; listings of radio shows; news clippings; notes of exhibitions, regarding shows etc.; pamphlets; photographs; proposals; records releases; rules and regulations; specifications; speeches; and telegrams.

<table>
<thead>
<tr>
<th>Box 307, Folder 1</th>
<th>Radio Shows, 1922-1926</th>
</tr>
</thead>
<tbody>
<tr>
<td>Box 307, Folder 2</td>
<td>Radio Shows, 1923-1926</td>
</tr>
<tr>
<td>Box 308, Folder 1</td>
<td>Radio Shows, 1923-1926</td>
</tr>
<tr>
<td>Box 308, Folder 2</td>
<td>Radio Shows, 1928-1939</td>
</tr>
<tr>
<td>Box 308, Folder 3</td>
<td>Radio Shows, January-June 1924</td>
</tr>
<tr>
<td>Box 308, Folder 4</td>
<td>Radio Shows, July-December 1924</td>
</tr>
<tr>
<td>Box 309, Folder 1</td>
<td>Radio Shows, July-December 1925</td>
</tr>
<tr>
<td>Box 309, Folder 2</td>
<td>Radio Shows, February-May 1928</td>
</tr>
<tr>
<td>Box 309, Folder 3</td>
<td>Plans for World's Fair (bound), 1933</td>
</tr>
<tr>
<td>Box 309, Folder 4</td>
<td>Radio shows, 1922-1928</td>
</tr>
<tr>
<td>Box 310, Folder 1</td>
<td>Radio shows, 1923-1929</td>
</tr>
<tr>
<td>Box 310, Folder 2</td>
<td>Radio shows, 1923-1935</td>
</tr>
<tr>
<td>Box 310, Folder 3</td>
<td>Radio shows, 1924-1935</td>
</tr>
<tr>
<td>Box 311, Folder 1</td>
<td>Radio shows, 1926-1929</td>
</tr>
<tr>
<td>Box 311, Folder 2</td>
<td>Radio shows, 1928-1940</td>
</tr>
<tr>
<td>Box 311, Folder 3</td>
<td>Radio shows, 1929-1947</td>
</tr>
<tr>
<td>Box 312, Folder 1</td>
<td>Radio shows, 1930-1933</td>
</tr>
<tr>
<td>Box 312, Folder 2</td>
<td>&quot; (Chicago World's Fair), 1931-1933</td>
</tr>
<tr>
<td>Box 313, Folder 1</td>
<td>&quot; (Photos of displays), undated</td>
</tr>
<tr>
<td>Box 313, Folder 2</td>
<td>&quot; (Photos of displays), 1924-1928</td>
</tr>
<tr>
<td>Box 313, Folder 3</td>
<td>&quot; (Photos of displays), 1927-1935</td>
</tr>
</tbody>
</table>
Series 114: Centralized Radio Systems, 1929-1935

Series 114 contains advertisements; articles; booklets; brochures; bulletins of apparatus; interdepartmental correspondence, 1929; descriptive bulletins; descriptions; diagrams; engineering reports; installation manuals; instruction books; model number lists; news releases; pamphlets; parts lists; periodical clippings; sales bulletins; sales catalogues; and service notes.

Box 314, Folder 1     RCA, 1929
Box 314, Folder 2     RCA, 1930-1935

Series 116 contains abstracts; copies of congressional bills and of the Congressional Record; bulletins; circulars; correspondence, 1912-1931; copies of "Foreign Communication News"; foreign trade letters; graphs; instructions; litigation case description; memoranda; news clippings; news releases; notes; order, F.C.C.; periodical clippings; photographs; reports; requested assignments; regulations; statements; surveys; and testimonies about the American government's civilian radio activities. Topics included are the Bureau of Standards; F.C.C.; international and national propaganda; government control of radio; Freedom of Radio (formerly series 214); and speeches and acts of Congress regarding radio. The activities of the Patent Office and the Courts are not included in this series. The series includes correspondence, memoranda and other materials produced by RCA executives concerned with government regulation of the radio industry.

Box 315, Folder 1 Congressional Bills, 1910-1938
Box 315, Folder 2 Congressional Bills, 1929-1946
Box 315, Folder 3 Foreign Communications News, 1928-1934
Box 315, Folder 4 Congressional Testimony, 1906-1948
Box 316, Folder 1 Government Activities (other than military), 1900-1946
Box 316, Folder 2 Government Activities (other than military), 1910-1940
Box 316, Folder 3 Government Activities (other than military), 1912-1936
Box 317, Folder 1 Government Activities (other than military), 1912-1941
Box 317, Folder 2 Government Activities (other than military), 1912-1948
Box 317, Folder 3 Government Activities (other than military), 1914-1948
Box 318, Folder 1 Government Activities (other than military), 1916-1947
Box 318, Folder 2 Government Activities (other than military), 1919-1949
Box 318, Folder 3 Government Activities (press clippings), 1927-1941
Series 117: Technical Tables, 1903-1932

Series 117 contains tables, charts, and graphs giving data on transmitter/condensers, on resonance curves, wave length, frequency and oscillation, and tables on sparkling distances. Also includes correspondence, drawings, bulletins, instructions, clippings, reports, Pickard's lists of transmitter and receiver adjustments, and conversion tables.

Box 319, Folder 1  Technical Tables, 1903-1932
Series 120: Litigation on Radio Subjects, 1914-1947

Series 120 is arranged alphabetically (with a few exceptions), concerning litigation on Radio subjects, including patents (but not including patents per se) consists of abstracts; articles; bills of particulars; booklets; trial briefs; contracts 1935, 1936-1942; court proceedings; data regarding litigation; decisions; depositions; drawings; court exhibits; graphs; litigation opinions of the courts; periodical clippings; photographs; reprints; index of Farnsworth Bound Volumes; sketches; specifications; statements; subpoena; telegrams; and testimonies.

Box 319, Folder 2  Affel vs. Pickard, 1922
Box 319, Folder 3  AT&T-Federal Telegraph Agreement, 1927
Box 319, Folder 4  AT&T vs. Radio Audion, 1922
Box 319, Folder 5  Armstrong vs. DeForest, 1934
Box 319, Folder 6  Ashton and Curtis Interference, 1914
Box 319, Folder 7  Atlantic Communication Accounting, undated
Box 319, Folder 8  Avery vs. Darega, 1935
Box 319, Folder 9  Bresson Patent, 1935
Box 319, Folder 10 Crocker - Wheeler vs. U.S., 1928
Box 319, Folder 11 DeForest, Lee, 1904
Box 319, Folder 12 DeForest vs. Armstrong, 1914-1934
Box 319, Folder 13 Ceco vs. Westinghouse, 1929
Box 319, Folder 14 Chicago Telephony vs. Stackpole Carbon, 1940
Box 319, Folder 15 Clapp vs. Eastmap Co., 1919
Box 319, Folder 16 Congressional Hearings, 1930
Box 319, Folder 17 DeForest vs. Arnold, 1915
Box 319, Folder 18 DeForest vs. AT & T License (draft), 1917
Box 319, Folder 19 DeForest vs. General Electric, 1929
Box 319, Folder 20 DeForest vs. Hyde and Moorehead, 1917
Box 319, Folder 21 DeForest vs. Hygrade, 1931
Box 319, Folder 22 DeForest vs. Marconi, 1902-1924
Box 319, Folder 23 DeForest vs. RCA, 1929-1934
Box 319, Folder 24 DeForest vs. RCA, 1927-1932
Box 319, Folder 25 DeForest vs. U.S., 1919-1947
Box 320, Folder 1  Dubler vs. Wireless Specialty Co., 1912-1922
Box 320, Folder 2  Federal Telegraph Co. - Poulsen Corp. (proposed license), undated
Box 320, Folder 3  Federal Trade Commission vs. RCA, 1930-1940
Box 320, Folder 4  Fessenden vs. DeForest, 1940
Box 320, Folder 5  Fessenden vs. Marconi, undated
Box 320, Folder 6  Fessenden vs. RCA, 1937
Box 320, Folder 7  General Electric Communications, Corp., 1940
Box 320, Folder 8  General Electric vs. DeForest, 1930
Box 320, Folder 9  Gold Seal vs. RCA, 1931
Box 320, Folder 10  Grigsby-Grunow vs. RCA, 1930-1933
Box 320, Folder 11  Harrison vs. RCA, 1923-1924
Box 320, Folder 12  Hazeltine Litigation, 1934
Box 320, Folder 13  Hazeltine vs. Wildermath, 1939
Box 320, Folder 14  International Devices, 1910-1942
Box 320, Folder 15  International Radio Telegraph Co., 1899-1905
Box 320, Folder 16  International Signal (on Vreeland Apparatus), 1920-1921
Box 320, Folder 17  Kauffman vs. Doubleday, 1924
Box 320, Folder 18  Kintner vs. Atlantic Communication Co., 1902-1921
Box 320, Folder 19  Kintner vs. Marconi, undated
Box 320, Folder 20  Lepel Patents, 1911
Box 320, Folder 21  Litigation, 1933-1949
Box 320, Folder 22  Howell vs. RCA, 1922-1930
Box 320, Folder 23  Lowenstein vs. U.S., 1914-1947
Box 320, Folder 24  Marconi vs. British Radio Telegraph and Telephone Co., 1910-1911
Box 321, Folder 1  Marconi vs. DeForest, 1904-1918
Box 321, Folder 2  Marconi vs. DeForest, 1916
Box 321, Folder 3  Marconi vs. Kilbourne & Clark Wireless Co., 1919
Box 321, Folder 4  Marconi vs. National Electric Signaling Co., 1895-1919
Box 321, Folder 5  Marconi vs. Simon, 1915-1918
Box 321, Folder 6  Marconi vs. U.S., 1903-1944
Box 321, Folder 7  Marconi vs. Wireless Specialty Apparatus Co., 1912-1916
Box 322, Folder 1  Maibohm vs. RCA Victor, 1935
Box 322, Folder 2  Marine Transmission Co. (re: NESCO infringement), 1906-1907
Box 322, Folder 3  Miessner Patent, 1914
Box 322, Folder 4  Melletron Tube vs. RCA, 1929-1930
Box 322, Folder 5  Miscellaneous, 1921-1942
Box 322, Folder 6  Murgas, undated
Box 322, Folder 7  National Association of Performing Artists, 1935
Box 322, Folder 8  NESCO vs. Atlantic Communications, 1915-1917
Box 322, Folder 9  NESCO vs. DeForest Wireless, 1905
Box 322, Folder 10  NESCO vs. Marconi, 1911-1914
Box 322, Folder 11  NESCO vs. Telefunken, 1910
Box 322, Folder 12  NESCO vs. U.S., 1935
Box 322, Folder 13  National Electric Supply Co., 1923
Box 322, Folder 14  NEMCO vs. Atlantic Communications Co., undated
Box 322, Folder 15  Picard Patent, 1914-1921
Box 322, Folder 16  Priess vs. Dubilier, 1927
Box 322, Folder 17  Radio Audion vs. RCA, 1922
Box 322, Folder 18  Raytheon vs. RCA, 1933
Box 322, Folder 19  RCA vs. Amsco (Anderson Patent), 1927
Box 322, Folder 20  RCA vs. AT&T, 1935
Box 322, Folder 21  RCA vs. Bunnell (also Grebe vs. AT&T), 1927
Box 322, Folder 22  RCA vs. Cable Radio Tube Corp., undated
Box 322, Folder 23  RCA vs. Hygrade Sylvania, undated
Box 322, Folder 24  RCA Litigation, 1933-1949
Box 322, Folder 25  RCA vs. Majestic, 1931
Box 322, Folder 26  RCA vs. Pathe, 1913-1926
Box 322, Folder 27  RCA vs. Radio Engineering Labs, 1927-1935
Box 322, Folder 28  RCA vs. Republic of China, 1934
Box 322, Folder 29  RCA vs. Rosewall, 1928
Box 322, Folder 30  RCA vs. Solat, 1940
Box 322, Folder 31  RCA vs. Telephone Arbitration, undated
Box 322, Folder 32  RCA vs. Universal (I & II), 1929-1930
Box 322, Folder 33  RCA vs. U.S. (damage litigation), 1932
Box 322, Folder 34  RCA Victor vs. Federal Radio Co., 1931
Box 322, Folder 35  RCA Victor vs. Hazeltine
Box 323, Folder 1  Scovill vs. RCA, 1927-1935
Box 323, Folder 2  Simon Case, 1918
Box 323, Folder 3  Splitdorf Case, 1913-1929
Box 323, Folder 4  Stone vs. Hutin-Le Blanc, U.S. Patent Office, 1891-1898
Box 323, Folder 5  Stone vs. Marconi (Scotus Case), 1943
Box 323, Folder 6  Telefunken vs. U.S., 1939-1942
Box 323, Folder 7  Torquay vs. RCA, 1932
Box 323, Folder 8  Tukerton Cases (claims), 1923-1942
Box 323, Folder 9  United Fruit (government litigation), 1914
Box 323, Folder 10  U.S. vs. DeForest, 1913-1914
Box 323, Folder 11  U.S. vs. Lowell, 1922-1931
Box 323, Folder 12  U.S. vs. RCA, 1930-1940
Box 323, Folder 13  UWT Co. vs. NESCO (New Jersey), 1900
Box 324, Folder 1  Walter Avery & Bresson vs. Davega-City Radio Inc., 1935
Box 324, Folder 2  Weagant vs. Bowers, 1929
Box 324, Folder 3  Westinghouse vs. DeForest, 1924-1931
Box 324, Folder 4  Westinghouse vs. Meissner, 1928-1931
Box 324, Folder 5  Westinghouse Cases (Super-hetrodyne patents), 1925
Box 324, Folder 6  Westinghouse vs. Cutting & Washington, 1923
Box 324, Folder 7  Willoughby vs. Rogers (Patent Office), 1921-1943
Box 324, Folder 8  Wireless Specialty Apparatus Co. vs. DeForest, 1922-1923
Box 324, Folder 9  WSA vs. Priess, 1923
Box 324, Folder 10  WSA vs. Magnus, 1922
Box 324, Folder 11  WSA vs. U.S., 1919-1932
Box 324, Folder 12  WSA Patents, 1912-1915
Box 324, Folder 13  Wireless Telegraph vs. Signal Co., 1897-1901
Box 324, Folder 14  William Cramp & Sons vs. International Curtis Marine Turbine, 1918
Box 324, Folder 15  Walcott vs. NESCO, 1912
Box 324, Folder 16  Clark "withdrawn abstracts"1910-1918
Box 324, Folder 17  Congressional Hearings "Radio Communications"1897-1917
Box 324, Folder 18  Farnsworth (books purchased by Clark), 1942
Box 324, Folder 19  Legislation Pending, 1931
Box 324, Folder 20  Senate Committee on Interstate Commerce, 1930
Box 324, Folder 21  Wireless Telegraph Patents, 1914
Box 325, Folder 1  Brief for U.S. (draft notes), 1984
Box 325, Folder 2  NESCO vs. U.S., 1933-1943
Box 325, Folder 3  Testimony regarding Mica Condensers by G.H. Clark, 1920
Box 325, Folder 4  RCA vs. Edmond (re: Langmuir patent), 1926
Box 326, Folder 1  RCA vs. F.A.D. Andrea vs. Twentieth Century Radio Corp. Vol I, 1923-1925
Box 326, Folder 2  RCA vs. F.A.D. Andrea vs. Twentieth Century Radio Corp. Vol II, 1925-1926
Box 326, Folder 3  RCA et al vs. Bunnell-Grebe (correspondence) Vol I, 1922-1926
Box 327, Folder 1  Westinghouse & RCA vs. Royal Eastern & Amsco, 1925
Box 327, Folder 2  RCA vs. Grigsby Grunow #1, 1926-1929
Box 327, Folder 3  #2, 1926-1929
Box 327, Folder 4  #3, 1926-1929
Box 327, Folder 5  #1, 1929-1931
Box 328, Folder 1  #2, 1929-1931
Box 328, Folder 2  #3, 1929-1931
Box 328, Folder 3  Canadian General Electric vs. Fada Radio Ltd., 1928
Box 328, Folder 4  Lectures on Patent Law by R.R. Adams, 1923
<table>
<thead>
<tr>
<th>Box 329, Folder 1</th>
<th>Dublier Condenser Corp vs. Wireless Specialty Apparatus Co., 1913-1916</th>
</tr>
</thead>
<tbody>
<tr>
<td>Box 329, Folder 2</td>
<td>Dublier Condenser Corp vs. RCA, 1921-1926</td>
</tr>
<tr>
<td>Box 329, Folder 3</td>
<td>Dublier Condenser Corp vs. RCA Vol III, 1922</td>
</tr>
<tr>
<td>Box 329, Folder 4</td>
<td>Dublier Condenser Corp vs. RCA Vol IV, 1926</td>
</tr>
<tr>
<td>Box 329, Folder 5</td>
<td>Dublier Condenser Corp vs. Baltimore Gas Light, 1921-1934</td>
</tr>
<tr>
<td>Box 330, Folder 1</td>
<td>RCA vs. McKay: Defendant's Exhibits Vol I, 1913-1931</td>
</tr>
<tr>
<td>Box 330, Folder 2</td>
<td>RCA vs. McKay: Plaintiff's Exhibits, 1923-1931</td>
</tr>
<tr>
<td>Box 331, Folder 1</td>
<td>NESCO vs. Marconi, 1914</td>
</tr>
<tr>
<td>Box 331, Folder 2</td>
<td>U. S. Patent Office: Lowell and Dunmore, 1918-1929</td>
</tr>
<tr>
<td>Box 331, Folder 3</td>
<td>Misc. patent material, 1922-1968</td>
</tr>
</tbody>
</table>

Page 155 of 235
Series 121: Legislation, 1909-1940

Series 121 contains correspondence; news clippings; periodical clippings, papers; reports; and lists and handbooks describing petitions, Congressional actions, and certifications. Also included is a brief historical outline, excerpts from Air Law Review, and several RCA in-house publications. The materials concern litigation, legislation, and regulations governing the use of radio.

Box 332, Folder 1     Legislation, 1909-1940
Series 122: History of Radio Clubs, 1907-1946
Series 122 contains materials relating to the history of Radio Clubs between 1907 and 1946.

Box 332, Folder 2  Veteran Wireless Operators Association, 1907-1949
Box 332, Folder 3  Veteran Wireless Operators Association, 1914-1944
Box 333, Folder 1  Veteran Wireless Operators Association, 1927-1946
Box 333, Folder 2-3 Veteran Wireless Operators Association, 1937-1943
Box 334, Folder 1  Veteran Wireless Operators Association, 1940-1949
Box 334, Folder 2  Veteran Wireless Operators Association, 1941-1945
Box 334, Folder 3  Institute of Radio Engineers, 1911-1945
Box 335, Folder 1  Marine Wireless Operators Memorial Fund, 1912-1927
Box 335, Folder 2  Marine Wireless Operators Memorial Fund, 1920-1942
Box 335, Folder 3  Radio Exhibits
Series 123: Special Applications of Radio Frequency, 1924-1949

Series 123 contains advertisements; articles; booklets; correspondence (1929; 1931-1938-40); installation instructions; news clippings; operating instructions; periodical bulletins; and technical papers regarding audio frequency and special applications of radio frequency apparatus. Subjects include "Radio Music," Theremin, Color Organ and Photophone. This series does not include broadcasting or radio telephony.

Box 336, Folder 1  RCA Sound Reproducing Equipment, 1924-1935
Box 336, Folder 2  RCA Sound Reproducing Equipment, 1936-1949
Box 336, Folder 3  RCA Theremin, 1926-1937
Series 124: Chronology, 1926-1937

Series 124 contains articles, booklets, a "Calendar of Wireless-Radio-Television"; chronological lists; correspondence, 1931-33, 1938; pamphlets; periodicals concerning notable events in radio; news clippings, and progress reports pertaining to the history of radio and early T.V. Sources are Navy, Weather Bureau, various publications, and the RCA Yearbooks of Wireless Telegraphy and Telephony. Also included are calendars, excerpts of papers and articles, and several "Marconi" Chronologies.

Box 337, Folder 1   Chronology of Radio, 1926-1939

Series 125 contains copies of United States patents relating to radio and related electrical technologies, arranged by patent number [c. 32,471 (1861)- 2,326,836 (1941)]. Also included is a separate section of Fessenden Patents. Several boxes contain information on patent practices: materials include articles; booklets; correspondence 1907-1913; 1918-26;1929-1930; 1949 diagrams; defendants' exhibits; news clippings; pamphlets; patent applications (U.S., British, and German); patent specifications; periodical clippings; and several photographs. There are also materials relating to various patent suits: Langmuir Patent Record and Argument; Canadian General Electric vs. Fada Radio, 1927. Record of suits on wireless patents (1922-1929). Brody Patent Collection (see list in box).

Box 337, Folder 2  Patent Nos. 32471-329772, 1861-1885
Box 337, Folder 3  334186-439017, 1886-1890
Box 337, Folder 4  444678-531051, 1891-1894
Box 338, Folder 1  531970-596197, 1895-1897
Box 338, Folder 2  604486-638152, 1898-1899
Box 338, Folder 3  640443-663400, 1900
Box 338, Folder 4  664869-689438, 1901
Box 339, Folder 1  690973-710373, January-September 1902
Box 339, Folder 2  711123-717515, October-December 1902
Box 339, Folder 3  717765-732449, January-June 1903
Box 339, Folder 4  732822-748306, July-December 1903
Box 339, Folder 5  748597-758527, January-April 1904
Box 340, Folder 1  758542-768301, May-August 1904
Box 340, Folder 2  770229-778275, September-December 1904
Box 340, Folder 3  779443-793608, January-June 1905
Box 340, Folder 4  793647-800315, July-September 1905
Box 341, Folder 1  800658-808600, October-December 1905
Box 341, Folder 2  88641-834597, May-September 1906
Box 341, Folder 3  835023-852381, November 1906-April 1907
Box 341, Folder 4  852495-876105, May-December 1907
Box 342, Folder 1  876165-886203, January-April 1908
Box 342, Folder 2  886983-899629, May-September 1908
Box 342, Folder 3  901372-916895, October1908-Mar.1909
Box 342, Folder 4  917018-929607, Apr.-July 1909
Box 343, Folder 1  929745-943969, Aug.-Dec 1909
Box 343, Folder 2  945440-962417, January-June 1910
Box 343, Folder 3  963173-979986, July-December 1910
Box 343, Folder 4  980359-996580, January-June 1911
Box 344, Folder 1  996713-1012496, July-December 1911
Box 344, Folder 2  1013124-1030780, January-June 1912
Box 344, Folder 3  1031315-1048980, July-December 1912
Box 344, Folder 4  1050104-1083085, January-December 1913
Box 345, Folder 1  108498-1102184, January-June 1914
Box 345, Folder 2  1102421-1123185, July-December 1914
Box 345, Folder 3  1124904-1144969, January-June 1915
Box 346, Folder 1  1145066-1165983, July-December 1915
Box 346, Folder 2  1166582-1180800, January-April 1916
Box 346, Folder 3  1181423-1149213, May-September 1916
Box 347, Folder 1  1200017-1214283, October 1916-January 1917
Box 347, Folder 2  1214500-1231528, February-June 1917
Box 347, Folder 3  1231764-1251440, Jul-December 1917
Box 348, Folder 1  1251473-1269520, January-June 1918
Box 348, Folder 2  1271127-1289981, July-December 1918
Box 348, Folder 3  1290382-1307511, January-June 1919
Box 348, Folder 4  1308514-1314253, July-August 1919
Box 349, Folder 1  1314593-1329283, September 1919-January 1920
Box 349, Folder 2  1329758-1345007, February-June 1920
Box 349, Folder 3  1345352-1363319, July-December 1920
Box 349, Folder 4  1354495-1369281, January-February 1921
Box 350, Folder 1  1369781-1382914, March-June 1921
Box 350, Folder 2  1383275-1391855, July-September 1921
Box 350, Folder 3  1392815-1401644, October-Dec 1921
Box 351, Folder 1  1402235-1410890, January-March 1922
Box 351, Folder 2  1411814-1427350, April-August 1922
Box 351, Folder 3  1427832-1440142, September-December 1922
Box 352, Folder 1  1440432-1450080, January-March 1923
Box 352, Folder 2  1450265-1463475, April-July 1923
Box 352, Folder 3  1463795-1472610, Aug.-October 1923
Box 353, Folder 1  1472822-1485352, November 1923-February 1924
Box 353, Folder 2  1485485-1495616, March-May 1924
Box 353, Folder 3  1495992-1503324, June-July 1924
Box 353, Folder 4  1503599-1510424, Aug.-September 1924
Box 354, Folder 1  1510624-1521500, October-December 1924
Box 354, Folder 2  1521777-1527938, January-February 1925
Box 354, Folder 3  1528010-1536039, March-April 1925
Box 354, Folder 4  1536130-1544486, May-June 1925
Box 355, Folder 1  1544746-1551162, July-August 1925
Box 355, Folder 2  1551578-1559460, September-October 1925
Box 355, Folder 3  1559656-1563051, November 1925
Box 355, Folder 4  1563342-1568026, December 1925
Box 356, Folder 1  1568065-1574715, January-February 1926
Box 356, Folder 2  1574779-1579168, March 1926
Box 356, Folder 3  1579209-1582826, April 1926
Box 356, Folder 4  1582975-1590971, May-June 1926
Box 357, Folder 1  1591019-1598526, July-August 1926
Box 357, Folder 2  1598630-1604693, September-October 1926
Box 357, Folder 3  1604986-1609222, November 1926
Box 358, Folder 1  1609366-1612641, December 1926
Box 358, Folder 2  1612835-1618816, January-February 1927
Box 358, Folder 3  1618974-1626526, March-April 1927
Box 359, Folder 1  1626634-1634208, May-June 1927
Box 359, Folder 2  1634390-1640710, July-August 1927
Box 359, Folder 3  1641289-1646663, September-October 1927
Box 360, Folder 1  1647238-1654513, November-December 1927
Box 360, Folder 2  1654867-1661004, January-February 1928
Box 360, Folder 3  1661159-1667710, March-April 1928
Box 361, Folder 1  1667792-1675261, May-June 1928
Box 361, Folder 2  1675323-1682730, July-August 1928
Box 361, Folder 3  1682768-1685766, September 1928
Box 362, Folder 1  1685810-1690065, October 1928
Box 362, Folder 2  1691946-1693509, November 1928
Box 362, Folder 3  169358-1696895, December 1928
Box 363, Folder 1  1696928-1703719, January-February 1929
Box 363, Folder 2  1703870-1711399, March-April 1929
Box 363, Folder 3  1711560-1715326, May 1929
Box 364, Folder 1  1715395-1718849, June 1929
Box 365, Folder 1  1729704-1737407, October-November 1929
Box 365, Folder 2  1737741-1742147, December 1929
Box 365, Folder 3  1742231-1748847, January-February 1930
Box 366, Folder 1  1749042-1752228, March 1930
Box 366, Folder 2  1752302-1756893, April 1930
Box 366, Folder 3  1756931-1760672, May 1930
Box 367, Folder 1  1760871-1768519, June 1930
Box 367, Folder 2  1768666-1774493, July-August 1930
Box 367, Folder 3  1774538-1780085, September-October 1930
Box 368, Folder 1  1780167-1787300, November-December 1930
Box 368, Folder 2  1787536-1790576, January 1931
Box 368, Folder 3  1790646-1795411, February-March 1931
Box 369, Folder 1  1811095-2326836, June 1931-Aug 1943
Box 369, Folder 2  Fesenden Patents, 1902-1911
Box 369, Folder 3  Patent Practices, 1885-1940
Box 370, Folder 1  Patent Practices, 1897-1949
Box 370, Folder 2  Patent Practices, 1899-1926
Box 370, Folder 3  Patent Practices, 1901-1931
Box 371, Folder 1  Patent Practices, 1903-1927
Box 372, Folder 1  Langmuir Patent, Canadian Exchequer Court, January 17, 1927
Box 372, Folder 2  Langmuir Patent, Canadian Exchequer Court, January 18, 1927
Box 372, Folder 3  Langmuir Patent, Canadian Exchequer Court, January 21, 1927
Box 372, Folder 4  Langmuir Patent, Canadian Exchequer Court, January 24, 1927
Box 372, Folder 5  Langmuir Patent, Canadian Exchequer Court, January 25, 1927
Box 372, Folder 6  Langmuir Patent, Canadian Exchequer Court, January 26-27, 1927
Box 372, Folder 7  Langmuir Patent, Canadian Exchequer Court, March 18, 1927
Box 372, Folder 8  Langmuir Patent, Canadian Exchequer Court, March 19, 1927
Box 373, Folder 1  Patents #125-236A-259A, 1901-1932
Box 373, Folder 2  #125-260A-289A, 1918-1922
Box 373, Folder 3  #125-290A-295A, 1879-1937
Box 373, Folder 4  #125-298A-309A, 1900-1922
Box 373, Folder 5  #125-310A-319A, 1884-1907
Box 373, Folder 6  #125-320A-, 1874-1925
Box 374, Folder 1  Record of Suits on Wireless Patents, 1923-1929
Box 375, Folder 1  Patents, 1888-1918
Box 375, Folder 2  Patents, 1909-1925
Box 375, Folder 3  Patents, 1919-1926
Box 375, Folder 4  Patent Extracts of E.R. Johnson by G.H. Clark, 1900
Series 126: Phonographs, 1894-1949

Series 126 contains advertisements; an advertising poster for Columbia Phonographs; articles; booklets; circular letters to distributors and dealers; correspondence, 1931, 1932, 1935, 1944; instructions for operation and service; news clippings; news releases; RCA Victor order form for needles and accessories; parts catalogues; photographs; sales literature; service data; service notes; technical information booklets. Also includes advertisements for phonographs and phonograph records, 1893-1927. See Series 45 regarding combination sets (combined radio sets and phonographs).

Box 375, Folder 5  Phonographs, 1905-1944
Box 375, Folder 6  Phonographs, 1908-1949
Box 375, Folder 7  Phonographs, 1930-1938
Box 375, Folder 8  Victor Phonographs, 1894-1944
Box 376, Folder 1  Phonographs (Advertisements), 1897-1920
Box 376, Folder 2  Phonographs (Advertisements), 1899-1920
Box 376, Folder 3  Edison Phonographs, 1893
Box 376, Folder 4  Edison Phonographs, 1896-1897
Box 376, Folder 5  Edison Phonographs, 1898
Box 376, Folder 6  Edison Phonographs, 1899
Box 376, Folder 7  Edison Phonographs, 1900
Box 376, Folder 8  Edison Phonographs, 1901
Box 376, Folder 9  Edison Phonographs, 1902
Box 376, Folder 10 Edison Phonographs, 1903
Box 376, Folder 11 Edison Phonographs, 1904
Box 376, Folder 12 Edison Phonographs, 1905
Box 376, Folder 13 Edison Phonographs, 1906
Box 376, Folder 14 Edison Phonographs, 1907
Box 376, Folder 15 Edison Phonographs, 1908
Box 376, Folder 16 Edison Phonographs, 1909
Box 376, Folder 17 Edison Phonographs, 1910
Box 376, Folder 18 Edison Phonographs, 1911
Box 376, Folder 19 Edison Phonographs, 1912
Box 376, Folder 20 Edison Phonographs, 1913
Box 376, Folder 21  Edison Phonographs, 1915
Box 376, Folder 22  Edison Phonographs, 1916
Box 376, Folder 23  Edison Phonographs, 1917
Box 376, Folder 24  Edison Phonographs, 1917-1924
Box 376, Folder 25  Edison Phonographs, 1918
Box 376, Folder 26  Edison Phonographs, 1919
Box 376, Folder 27  Edison Phonographs, 1920
Box 376, Folder 28  Edison Phonographs, 1927
Box 376, Folder 29  Columbia Phonographs, 1898-1924
Box 376, Folder 30  Columbia Phonographs, 1896
Box 376, Folder 31  Columbia Phonographs, 1897
Box 376, Folder 32  Columbia Phonographs, 1898
Box 376, Folder 33  Columbia Phonographs, 1899
Box 376, Folder 34  Columbia Phonographs, 1900
Box 376, Folder 35  Columbia Phonographs, 1901
Box 376, Folder 36  Columbia Phonographs, 1902
Box 376, Folder 37  Columbia Phonographs, 1903
Box 376, Folder 38  Columbia Phonographs, 1904
Box 376, Folder 39  Columbia Phonographs, 1905
Box 376, Folder 40  Columbia Phonographs, 1906
Box 376, Folder 41  Columbia Phonographs, 1907
Box 376, Folder 42  Columbia Phonographs, 1908
Box 376, Folder 43  Columbia Phonographs, 1909
Box 376, Folder 44  Columbia Phonographs, 1910
Box 376, Folder 45  Columbia Phonographs, 1911
Box 376, Folder 46  Columbia Phonographs, 1912
Box 376, Folder 47  Columbia Phonographs, 1913
Box 376, Folder 48  Columbia Phonographs, 1914
Box 376, Folder 49  Columbia Phonographs, 1915
Series 127: Piezo Electric Effect, 1914-1947

Series 127 contains articles; booklets; correspondence, 1914-1916, 1918, 1922, 1924, 1931, 1935; newsclippings; news releases; periodical clippings; photographs; and reports concerning the theory, history, related apparatus and applications of the Piezo-electric effect.

Box 377, Folder 1  Piezo Electric Effect, 1914-1947
Series 128: Arc Transmitting and Receiving Systems, 1904-1922

Series 128 contains advertisements; articles; apparatus orders of the Federal Telegraph Co.; blueprints; booklets of the Telefunken System of Wireless Telegraphy; correspondence, 1913, 1916 & 1918; diagrams; drawings; graphs, memoranda, notes; photographs; schematic diagrams and tests. There are general descriptions of systems but usually items are designated by name of inventor, as "Poulsen System."

Box 377, Folder 2  Arc Transmitting and Receiving Systems, 1904-1922
Series 129: Spark Systems, 1898-1941

Series 129 contains articles; booklets; descriptions for operation; diagrams; instructions; instruction books; news clippings; operating instructions; periodical clippings; photographs; and schematic tracings of spark transmitting and receiving systems. There are general descriptions of systems but usually items are designated by the name of the inventor, such as the "Fessenden system."

Box 377, Folder 3   Spark Systems, 1898-1941
Series 130: Vacuum Tube Systems, 1902-1939

Series 130 on vacuum tube transmitting and receiving systems consists of articles; booklets; correspondence, 1937; schematic diagrams; graphs; and news clippings. It includes general descriptions of systems and descriptions of systems designated by the name of the inventor, such as the "De Forest system". This series includes both code and speech systems, though the latter are more minutely described in Series 132.

Box 378, Folder 1   Vacuum Tube Systems, 1902-1939
Series 132: Radiophone Transmitting and Receiving System, 1906-1947

Series 132 contains advertisement flyers; booklets; bulletins; catalogues; descriptions; diagrams; instructions; instruction books; log of installation and operation of De Forest Radiophones in the U.S. Navy; notes; periodical clippings; photographs and reports.

Box 378, Folder 2 Radiophone Transmitting and Receiving System, 1906-1947
Series 133: Photo-Radio, 1899-1947

Series 133 contains advertisements; articles; booklets; correspondence, 1923, 1924, 1926, 1929, 1935, 1936, 1939; descriptions; drawings; facsimiles of photo-radio; graphs; news clippings; photographs; and specifications. See also Series 54.

Box 378, Folder 3  Photo Radio, 1899-1945

Box 379, Folder 1  Photo Radio, 1917-1947
Series 134: History of Radio Broadcasting, 1908-1952

Series 134 contains abstracts of Public Opinion; RCA annual report excerpts; articles; booklets; correspondence, 1922; 1930-1947; Dempsey-Carpentier boxing match; publicity documents; memoranda; news clippings; news releases; periodical clippings; and photographs. This series includes earlier methods, such as sending messages by broadcast from the flagship of a fleet to all other vessels of the fleet by spark telegraphy. It also refers to communicating with the general public by radiotelephony. See Series L for index to photographs in Bound Volumes.

Box 379, Folder 2 Early Broadcasting, 1908-1952
Box 379, Folder 3 Radio Broadcasting, circa 1920-1940s
Box 380, Folder 1 Radio Broadcasting, circa 1920-1940s
Box 380, Folder 2 Radio Broadcasting, circa 1920-1940s
Box 381, Folder 1 Radio Broadcasting, 1921-1944
Box 381, Folder 2 Radio Broadcasting, 1928-1937
Box 381, Folder 3 Radio Broadcasting, 1929-1939
Box 382, Folder 1 Radio Broadcasting, 1934-1939
Box 382, Folder 2 Radio Broadcasting, 1935-1941
Box 383, Folder 1 Radio Broadcasting, 1937-1947
Box 383, Folder 2 Radio Broadcasting (Book 1), 1921-1936
Series 135: History of Radiotelephony, Other Than Broadcasting, 1900-1948

Series 135 contains an abstract; an advertisement; booklets; brochures; a catalogue; correspondence, 1905, 1907-1910, 1912-1915, 1919-1924, 1930-1932, 1935 & 1943; descriptions; diagrams; drawings; instructions; journals, and a log of installation and operation De Forest Radiophones in the U.S. Navy. Also included are memoranda; minutes; news clippings; news releases; notes; periodical clippings; a petition for a Canadian Patent; photographs; a price list of the international rates of calls from the Chesapeake and Potomac Telephone Co. in Washington, D.C.; reports; a radiogram; a Radiophone Reception Log; a telephone conversation between Professor Fessenden and Mr. J.G. Patterson; and Radio Telephone Tests.

Box 384, Folder 1     Radio Telephony, 1900-1948
Box 384, Folder 2     Radio Telephony, 1907-1942
Box 384, Folder 3     Radio Telephony, 1910-1935
Box 385, Folder 1     Radio Telephony, 1915-1935

Series 136 contains booklets; bulletins; correspondence, 1932, 1933, 1934, 1938, 1941 & 1943; memoranda; news clippings; news releases; notes; a photograph and reports.

Box 385, Folder 2  Amateur Radio, 1906-1947
Series 138: Transoceanic Communication, 1915-1943

Series 138 contains booklets; correspondence, 1924, 1931 & 1935; maps; news clipping; notes; periodical clippings; photographs and reports.

Box 385, Folder 3    Transoceanic Communication, 1915-1943
Series 139: Television Transmitting Stations, 1926-1944
This series contains booklets; a bulletin; correspondence, 1929-1931; "Applicants Description of Apparatus"; news clippings; notes; periodical clippings; photographs; and reports.

Box 385, Folder 4 TV Stations, 1926-1944
Series 140: Radio Theory, 1902-1946

Series 140 contains articles; booklets; correspondence, 1906, 1907, 1909, 1918, 1921, 1936; diagrams; drawings; a graph of wave length and day range of Radio telegraph; journals; maps; news clippings; news releases; notes; periodical clippings; standards on radio wave propagation, 1942; studies; and technical instructions. This series concerns the theoretical discussions on transmission, reception, effect of different wave length, heavy-side layer effect, effect of different spark notes; and C.W. vs. damped wave for signaling by code. It is cross-referenced as to subject, author, and events mentioned.

Box 386, Folder 1 Radio Theory, 1902-1948
Box 386, Folder 2 Radio Theory, 1904-1937
Box 387, Folder 1 Radio Theory, 1906-1946
Box 387, Folder 2 Radio Theory, 1908-1940
Box 387, Folder 3 Radio Theory: "The Heaviside Expansion Theorem" 1922
Series 142: History of Television, 1919-1949

Series 142 contains advertisements; articles; booklets; a biographical article on C. Francis Jenkins; bulletins; correspondence, 1926, 1928-1931, 1933-1936, 1939, 1940, 1942; diagrams; graphs; maps; a lithograph; memoranda; minutes; news clippings; news releases; notes; periodical clippings; photographs; program schedules; reports; specifications; a telegram and testimonies.

Box 388, Folder 1    History of Television, 1919-1949
Box 388, Folder 2    History of Television, 1922-1929
Box 388, Folder 3    History of Television, 1928-1932
Box 389, Folder 1    History of Television, 1928-1939
Box 389, Folder 2    History of Television, 1934-1944
Box 390, Folder 1    History of Television, 1935-1949
Box 390, Folder 2    History of Television, 1948-1949
Series 143: Photographs, 1931

Series 143 consists of photographs of people seen and heard on Jenkins Television Station W2XCR and Radio Station WGBS in 1931. Among those photographed are Primo Carnera; Maria "Gamby" Gamborelli, and Lionel Atwill. See also series 64.

Box 391, Folder 1  Photographs, 1931
Series 144: Radio Publications, 1903-1940

Series 144 contains correspondence, 1914, 1923, 1930, 1932, & 1938; memoranda; news clippings, including a scrapbook on Orson Welles's, "The War of the Worlds"; news releases; periodicals; periodical clippings; and photographs of pamphlet covers relating to publications about radio broadcasting.

Box 391, Folder 2   Radio Publications, 1903-1940
Series 145: Proceedings of Radio Societies, 1910-1948
Series 145 contains Minutes of Radio Societies and booklets; journals; a yearbook, and a trade directory.

Box 391, Folder 3  Proceedings, 1910-1948
Series 146: Radio Museums, 1922-1947

Series 146 contains booklets; catalogues; correspondence, 1922, 1929-39, 1945 & 1946; descriptions; lists of employees; news clippings; pamphlets; periodical clippings; reports; reprints; and telegrams.

Box 392, Folder 1 Radio Museums, 1922-1947
Box 392, Folder 2 Radio Museums, 1928-1936
Box 392, Folder 3 Radio Museums, 1928-1939
Box 393, Folder 1 Radio Museums, 1930-1939
Box 393, Folder 2 RCA Museum Material, 1929-1932
Series 147: Bibliography of Radio Subjects and Apparatus, 1910-1946

Series 147 contains advertisements; booklets; brochures; bibliographies; correspondence, 1930; lists of radio publications; notes; periodical clippings; a price list of books about radio in education; reports and radio references. This series on bibliographies includes chiefly magazines. Chronologically listed.

Box 394, Folder 1  Bibliographies, 1910-1946
Series 148: Aircraft Guidance Apparatus, 1919-1948

Series 148 contains articles; drawings; maps; news clippings; notes; periodical clippings; photographs; and reports dealing with aircraft auxiliary and guidance apparatus e.g. beacons, altimeters, leader gear and landing aids. It does not include direction finder; Loran: Shoran.

Box 394, Folder 2    Aircraft Guidance, 1919-1948
Series 150: Audio Frequency Instruments, 1906-1939

Series 150 contains a bibliography on the measurement of signal intensity; booklets; charts; correspondence, 1906, 1913, 1914, 1918, 1919; graphs; instructions; notes; periodical clippings; photographs and reports.

Box 395, Folder 1 Audio Frequency, 1906-1939
Series 151: History of Radio for Aircraft, 1907-1948

This series contains booklets; charts; correspondence 1916, 1917, 1923, 1928, 1929, 1932, 1935, 1940 and 1945; diagrams; graphs; instructions; memoranda; news clippings; news releases; notes; patent copies; periodical clippings; photographs; reports and specifications. All materials relate to the history of the use of radio communications in aircraft. See Series 12 for use in ground stations.

Box 395, Folder 2  Radio for Aircraft, 1907-1948
Box 396, Folder 1  Radio for Aircraft, 1908-1943
Series 152: Circuit Theory, 1853-1948

This series contains articles; blueprints; booklets; extracts from briefs; correspondence 1906, 1911-22, 1926, 1932, 1931; news clippings; notes papers; photographs; reports; sketches and legal testimony.

Box 396, Folder 2  Circuit Theory, 1853-1948
Box 397, Folder 1  Circuit Theory, 1899-1948
Box 397, Folder 2  Circuit Theory, 1907-1935
Series 154: Static Elimination, 1904-1943

This series contains articles; booklets; correspondence, 1904, 1905, 1911, 1921, 1923, 1924; graphs; memoranda; news clippings; pamphlets; and periodical clippings about the reduction of man-made interference to reception of radio signals, including interference from power lines and power apparatus, e.g. electric apparatus on automobiles, aircraft and household appliances. The series does not include interference from atmospheric sources, transmitters, receivers, or automobile "wheel static."

Box 398, Folder 1    Static Elimination, 1904-1943
Series 161: Radio in Medicine, 1899-1948
This series contains articles; booklets; correspondence:1930 & 1935; memoranda; news clippings; news releases; periodical clippings; photographs; and reports. Among the topics included are use of radio and electricity in therapeutics; radio's effect on plants; germicidal effect of radio; radio used in massage; diathermy in medicine; and short wave therapy.

Box 398, Folder 2 Radio in Medicine, 1899-1948
Series 162: Lightning, 1905-1949

This series contains articles; booklets; correspondence: 1906 & 1923; graphs; news clippings; periodical clippings; a photograph; reprints and sales releases. See Series 92 for static effects on receivers.

Box 398, Folder 3   Lightning, 1905-1949
Series 163: Police Radio, 1922-1940

This series contains advertisements; articles; correspondence: 1929, 1931, 1935; illustrations; instructions; instruction books; memoranda; news clippings; news releases; pamphlets; periodical clippings; photographs; sales bulletins; sales releases and sales literature.

Box 399, Folder 1 Police Radio, 1922-1940
Series 169: Cartoons, 1916-1949

This series consists of poetry, jokes, and humorous stories regarding radio and the phonograph, including advertisements; articles; NBC Calendar, 1939; correspondence, 1939, 1943; news clippings; notes; periodical clippings; sheet music; and stories.

Box 399, Folder 2 Cartoons, 1916-1949
Box 400, Folder 1 Cartoons, 1922-1948
Box 400, Folder 2 Cartoons, 1924-1947
Series 173: Communications, Exclusive of Radio (after 1895), 1895-1949

This series contains an affidavit; articles; booklets; correspondence: 1899, 1901, 1922, 1941, 1942; diagrams; news clippings; notes; audio play scripts; sketches; and specifications.

Box 401, Folder 1  Communications, 1895-1949
Series 174: Televison Methods and Systems, 1928-1944

This series concerning television methods and systems contains articles; booklets; news clippings; notes; pamphlets; periodical clippings; and photographs.

Box 401, Folder 2 Television, 1928-1944
Series 182: Military Portable Sets, 1905-1939

This series contains articles; correspondence 1913, 1919, 1939; descriptions; index to defendants Exhibit G, Dubilier Condenser Co. vs. Wireless Specialty Apparatus Company; memoranda; and news clippings.

Box 401, Folder 3  Military Portable Sets, 1905-1939
Box 402, Folder 1  Military Portable Sets, 1909-1922
Series 189: Humor in Radio, 1904-1950
See also Series 169, Cartoons, 1916-1949.

Box 402, Folder 2    Humor in Radio, 1904-1947
Box 402, Folder 3    Humor in Radio, 1915-1950
Box 403, Folder 1    Humor in Radio, 1923-1944
Series 209: Short Waves, 1917-1955
This series contains booklets; correspondence 1920, 1924, 1926-1928, 1932, 1936, 1941; news clippings regarding Management guidance of the Naval Communications System; and news releases.

Box 403, Folder 2 Short Waves, 1917-1955
Series 226: Radar, 1900-1949
This series contains articles; booklets; correspondence, 1922; news clippings; and periodical clippings.

Box 403, Folder 3   Radar, 1900-1949
Series 233: Television Transmitters, 1900-1932

This series contains blueprints; correspondence, 1930-1932; diagrams; and illustrations related to television transmitters.

Box 404, Folder 1  Television Transmitters, 1900-1932
**Series A: Thomas Coke KnightT RCA Photographs, circa 1902-1950**

A complete item level finding aid for this series is available in the Archives Center.

**Subseries A1: Wireless**

| Box 405, Folder 1 | Nathan Stubblefield | Green numbers on photoprints: 1-14 |
| Box 405, Folder 2 | Early Marconi apparatus, tests and stations | Green numbers on photoprints: 15-85 |
| Box 405, Folder 3 | Early Wireless apparatus, tests and stations | Green numbers on photoprints: 86-143 |
| Box 405, Folder 4 | Crystal sets | Green numbers on photoprints: 144-172 |
| Box 405, Folder 5 | Weagant apparatus | Green numbers on photoprints: 173-176 |
| Box 405, Folder 6 | Fessenden apparatus and stations | Green numbers on photoprints: 177-184 |
| Box 405, Folder 7 | Wavemeters | Green numbers on photoprints: 185-190 |
| Box 405, Folder 8 | Wireless aboard ship to 1910 | Green numbers on photoprints: 191-201 |
| Box 405, Folder 9 | Radio aboard ship, 1910-1920 | Green numbers on photoprints: 202-221 |
| Box 406, Folder 1 | Navy Apparatus | Green numbers on photoprints: 222-292 |
| Box 406, Folder 2 | Alternator | Green numbers on photoprints: 293-298 |
| Box 406, Folder 3 | Motor Generator | Green numbers on photoprints: 299-302 |
| Box 406, Folder 4 | Marconi Co., plants and apparatus, 1915-1920 | Green numbers on photoprints: 303-322 |
| Box 406, Folder 5 | negatives (1) | Green numbers on photoprints: 236;238-241; 287; 292; 297 & 298 |
| Box 406, Folder 6 | negatives (2) | Green numbers on photoprints: 303-315 |

**Subseries A2: Early Radio**
Box 406, Folder 7 Radiotelephone Tests
Green numbers on photoprints: 323-326A

Box 406, Folder 8 Early radio, miscellaneous
Green numbers on photoprints: 327-351

Box 407, Folder 1 Amateur radio operators
Green numbers on photoprints: 352-379 neg #s: 355, 360, 364, 366, 367, 368

Box 407, Folder 2 Radio compass
Green numbers on photoprints: 380-401A

Box 407, Folder 3 Radio aboard ship, shipboard wireless operating rooms, 1920 and later
Green numbers on photoprints: 402-473

Box 407, Folder 4 Radio schools
Green numbers on photoprints: 474-504

Box 407, Folder 5 Early broadcasts
Green numbers on photoprints: 505-514

Box 407, Folder 6 Short wave beam system (Marconi)
Green numbers on photoprints: 515-519

Box 407, Folder 7 Short wave apparatus
Green numbers on photoprints: 520-540

Box 408, Folder 1 Phonographs
Green numbers on photoprints: 541-605

Box 408, Folder 2 Marine Transmitters
Green numbers on photoprints: 606-612 Neg #s: 613 & 614

Subseries A3: Broadcasting

Box 408, Folder 3 RCA Messengers
Green numbers on photoprints: 615-626

Box 408, Folder 4 KDKA
Green numbers on photoprints: 627-641

Box 408, Folder 5 Broadcasting studios
Green numbers on photoprints: 642-692

Box 408, Folder 6 WJZ Control Room, New York
Green numbers on photoprints: 693-696

Box 408, Folder 7 Aeolian Building
Green numbers on photoprints: 697-728
Box 409, Folder 1: Bound Brook, New Jersey
   Green numbers on photoprints: 729-794

Box 409, Folder 2: 66 Broad St., New York
   Green numbers on photoprints: 795-828

Box 409, Folder 3: WGY, Schenectady, New York
   Green numbers on photoprints: 830-848

Box 409, Folder 4: Miscellaneous broadcasting stations
   Green numbers on photoprints: 849-858

Box 409, Folder 5: Control rooms
   Green numbers on photoprints: 859-879

Box 409, Folder 6: Sound effects
   Green numbers on photoprints: 880-884

Box 409, Folder 7: Microphones
   Green numbers on photoprints: 885-899

Box 410, Folder 1: Transmitting apparatus
   Green numbers on photoprints: 900-946

Box 410, Folder 2: Panels
   Green numbers on photoprints: 947-958

Box 410, Folder 3: Performators
   Green numbers on photoprints: 959-961

Box 410, Folder 4: Line amplifiers
   Green numbers on photoprints: 962-968

Box 410, Folder 5: Line repeaters
   Green numbers on photoprints: 970-978

Box 410, Folder 6: Magnetic modulators
   Green numbers on photoprints: 979-981

Box 410, Folder 7: Super
   Green numbers on photoprints: 982-990

Subseries A4: Radiolas

Box 410, Folder 8: Early receivers
   Green numbers on photoprints: 991-1031

Box 410, Folder 9: Superheterodynes
   Green numbers on photoprints: 1032-1066; missing 1040, contains 1 negative

Box 411, Folder 1: Radiolas, Models II - IX
   Green numbers on photoprints: 1067-1104
<table>
<thead>
<tr>
<th>Box, Folder</th>
<th>Description</th>
<th>Green numbers on photoprints</th>
</tr>
</thead>
<tbody>
<tr>
<td>Box 411, Folder 2</td>
<td>Radiolas, Models X - 20B</td>
<td>1105-1144</td>
</tr>
<tr>
<td>Box 411, Folder 3</td>
<td>Radiolas, Models 21-25</td>
<td>1145-1172</td>
</tr>
<tr>
<td>Box 411, Folder 4</td>
<td>Radiolas, Model 26</td>
<td>1173-1200; contains 1 negative</td>
</tr>
<tr>
<td>Box 411, Folder 5</td>
<td>Radiolas, Model 28</td>
<td>1201-1238</td>
</tr>
<tr>
<td>Box 412, Folder 1</td>
<td>Radiolas, Models 30-67</td>
<td>1239-1279</td>
</tr>
<tr>
<td>Box 412, Folder 2</td>
<td>RCA Victor Models</td>
<td>1280-1299</td>
</tr>
<tr>
<td>Box 412, Folder 3</td>
<td>Miscellaneous Radiolas</td>
<td>1300-1372</td>
</tr>
<tr>
<td>Box 413, Folder 1</td>
<td>Brunswick Radiolas</td>
<td>1373-1428</td>
</tr>
<tr>
<td>Box 413, Folder 2</td>
<td>Unidentified Radiolas</td>
<td>1429-1477; first two images are unnumbered</td>
</tr>
<tr>
<td>Box 414, Folder 1</td>
<td>UZ-1320 Loudspeaker</td>
<td>1478-1493</td>
</tr>
<tr>
<td>Box 414, Folder 2</td>
<td>100 Loudspeaker</td>
<td>1494-1510</td>
</tr>
<tr>
<td>Box 414, Folder 3</td>
<td>100A Loudspeaker &amp; others</td>
<td>1511-1541</td>
</tr>
<tr>
<td>Box 414, Folder 4</td>
<td>104 Loudspeaker</td>
<td>1542-1560</td>
</tr>
<tr>
<td>Box 414, Folder 5</td>
<td>Loudspeaker in home setting</td>
<td>1561-1582</td>
</tr>
<tr>
<td>Box 414, Folder 6</td>
<td>Miscellaneous loudspeakers</td>
<td>1583-1629</td>
</tr>
<tr>
<td>Box 415, Folder 1</td>
<td>Speaker cabinets</td>
<td>1630-1644</td>
</tr>
</tbody>
</table>
### Subseries A6: Radio Components (alphabetical)

<table>
<thead>
<tr>
<th>Box 415, Folder</th>
<th>A.C. Package</th>
<th>Green numbers on photoprints: 1645-1648</th>
</tr>
</thead>
<tbody>
<tr>
<td>Box 415, Folder</td>
<td>Amplifiers</td>
<td>Green numbers on photoprints: 1649-1667</td>
</tr>
<tr>
<td>Box 415, Folder</td>
<td>Antennas</td>
<td>Green numbers on photoprints: 1668-1674</td>
</tr>
<tr>
<td>Box 415, Folder</td>
<td>Battery compartments</td>
<td>Green numbers on photoprints: 1675-1683</td>
</tr>
<tr>
<td>Box 415, Folder</td>
<td>Battery eliminator</td>
<td>Green numbers on photoprints: 1684-1686</td>
</tr>
<tr>
<td>Box 415, Folder</td>
<td>Chokes</td>
<td>Green numbers on photoprints: 1687-1690</td>
</tr>
<tr>
<td>Box 415, Folder</td>
<td>Coils</td>
<td>Green numbers on photoprints: 1691-1705</td>
</tr>
<tr>
<td>Box 415, Folder</td>
<td>Condensers</td>
<td>Green numbers on photoprints: 1706-1733</td>
</tr>
<tr>
<td>Box 415, Folder</td>
<td>Duo-rectron</td>
<td>Green numbers on photoprints: 1734-1741</td>
</tr>
<tr>
<td>Box 416, Folder</td>
<td>Elimination B</td>
<td>Green numbers on photoprints: 1742</td>
</tr>
<tr>
<td>Box 416, Folder</td>
<td>Grid Leaks</td>
<td>Green numbers on photoprints: 1743-1744</td>
</tr>
<tr>
<td>Box 416, Folder</td>
<td>Headphones</td>
<td>Green numbers on photoprints: 1745-1747</td>
</tr>
<tr>
<td>Box 416, Folder</td>
<td>Inductances</td>
<td>Green numbers on photoprints: 1748-1752</td>
</tr>
<tr>
<td>Box 416, Folder</td>
<td>Meters</td>
<td>Green numbers on photoprints: 1753-1755</td>
</tr>
<tr>
<td>Box 416, Folder</td>
<td>Outlet transformers</td>
<td>Green numbers on photoprints: 1756-1757</td>
</tr>
<tr>
<td>Box 416, Folder</td>
<td>Oscillators</td>
<td>Green numbers on photoprints: 1758-1764</td>
</tr>
<tr>
<td>Box 416, Folder</td>
<td>Plugs</td>
<td>Green numbers on photoprints: 1765-1766</td>
</tr>
<tr>
<td>Box 416, Folder</td>
<td>Rheostats</td>
<td>Green numbers on photoprints: 1767-1770</td>
</tr>
</tbody>
</table>
Box 416, Folder 10  
Socket adapters  
Green numbers on photoprints: 1771-1774

Box 416, Folder 11  
Switches  
Green numbers on photoprints: 1775-1784

Box 416, Folder 12  
Transformers  
Green numbers on photoprints: 1785-1800

Box 416, Folder 13  
Tubes: WD11-UX874 [organized by Raditron numbers]  
Green numbers on photoprints: 1801-1904

Box 417, Folder 1  
Tubes - miscellaneous  
Green numbers on photoprints: 1905-1922

Box 417, Folder 2  
Tubes - unidentified; missing 1941, one image numbered between 1942 & 1943  
Green numbers on photoprints: 1923-1949

Box 417, Folder 3  
Uni-rectron  
Green numbers on photoprints: 1950-1957

Box 417, Folder 4  
Uni & Duo rectron, unidentified  
Green numbers on photoprints: 1958-1965

Box 417, Folder 5  
Vacuum arrester  
Green numbers on photoprints: 1966

Subseries A7: Marketing Radio

(Consists primarily of RCA publicity shots demonstrating the versatility and utility of radio)

Box 417, Folder 6  
Superhetrodynes in the home  
Green numbers on photoprints: 1967-1987

Box 417, Folder 7  
Radiolas in the home [organized by model number]  
Green numbers on photoprints: 1988-2077

Box 418, Folder 1  
Radiolas in the home - unidentified  
Green numbers on photoprints: 2078-2110

Box 418, Folder 2  
Advertising copy  
Green numbers on photoprints: 2111-2134

Box 418, Folder 3  
Aircraft radio  
Green numbers on photoprints: 2135-2144

Box 418, Folder 4  
Car radio  
Green numbers on photoprints: 2145-2177

Box 419, Folder 1  
Radio aboard ship [listening to radio on ship N operating rooms]  
Green numbers on photoprints: 2178-2204
Box 419, Folder 2  Radio in the hospital
Green numbers on photoprints: 2205-2210

Box 419, Folder 3  The Radiola House
Green numbers on photoprints: 2211-2226

Box 419, Folder 4  Radio on trains
Green numbers on photoprints: 2227-2276

Box 419, Folder 5  Radio stores
Green numbers on photoprints: 2277-2283

Box 419, Folder 6  Uses of radios
Green numbers on photoprints: 2284-2287

Subseries A8: Shore Stations

Box 420, Folder 1  Arlington
Green numbers on photoprints: 2288-2297

Box 420, Folder 2  Bush Terminal, Brooklyn, New York
Green numbers on photoprints: 2298-2303

Box 420, Folder 3  Belfast, Maine
Green numbers on photoprints: 2304-2307

Box 420, Folder 4  Chatham, Massachusetts
Green numbers on photoprints: 2308-2314

Box 420, Folder 5  Marion, Massachusetts
Green numbers on photoprints: 2315-2341

Box 420, Folder 6  New Brunswick, New Jersey
Green numbers on photoprints: 2342-2354

Box 420, Folder 7  Riverhead, Long Island
Green numbers on photoprints: 2355-2394

Box 421, Folder 1  Rocky Point, Long Island
Green numbers on photoprints: 2397-2442

Box 421, Folder 2  Stavanger
Green numbers on photoprints: 2443-2447

Box 421, Folder 3  Tuckerton
Green numbers on photoprints: 2448-2465

Box 421, Folder 4  United Fruit Company, Santa Marta
Green numbers on photoprints: 2466-2470

Box 421, Folder 5  Miscellaneous stations
Green numbers on photoprints: 2471-2547
Box 422, Folder 1 | Miscellaneous shore stations
Green numbers on photoprints: 2548-2567

Subseries A9: Research and Manufacturing

Box 422, Folder 2 | Manufacturing
Green numbers on photoprints: 2568-2611
Box 422, Folder 3 | Manufacturing
Green numbers on photoprints: 2612-2668
Box 423, Folder 1 | RCA Research Department, apparatus
Green numbers on photoprints: 2669-2689
Box 423, Folder 2 | Research
Green numbers on photoprints: 2690-2752
Box 423, Folder 3 | Tube testing
Green numbers on photoprints: 2753-2803
Box 424, Folder 1 | Tube testing
Green numbers on photoprints: 2804-2842
Box 424, Folder 2 | Van Cortland Park, RCA
Green numbers on photoprints: 2843-2846
Box 424, Folder 3 | Van Cortland Park, RCA
Green numbers on photoprints: 2847-2869

Subseries A10: Innovations after 1920

Box 424, Folder 4 | Electric Organ
Green numbers on photoprints: 2870-2874
Box 424, Folder 5 | Hewlett loudspeaker
Green numbers on photoprints: 2875-2886
Box 424, Folder 6 | Pallophophone
Green numbers on photoprints: 2887-2894
Box 425, Folder 1 | Photo Radio
Green numbers on photoprints: 2895-2942
Box 425, Folder 2 | Photo Radio
Green numbers on photoprints: 2943-2964
Box 425, Folder 3 | Television [includes Cathode Ray Oscillograph]
Green numbers on photoprints: 2966-3030
<table>
<thead>
<tr>
<th>Box 426, Folder</th>
<th>Projectors</th>
<th>Green numbers on photoprints: 3031-3090</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Theremin</td>
<td>Green numbers on photoprints: 3091-3094</td>
</tr>
</tbody>
</table>

### Subseries A11: Exhibitions/Radio Shows

<table>
<thead>
<tr>
<th>Box 426, Folder</th>
<th>Grand Central Palace, New York September, 1925</th>
<th>Green numbers on photoprints: 3095-3104</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>New York City 1926 &amp; 1927</td>
<td>Green numbers on photoprints: 3105-3122</td>
</tr>
<tr>
<td>4</td>
<td>Boston, Philadelphia, Syracuse, 1927</td>
<td>Green numbers on photoprints: 3123-3131</td>
</tr>
<tr>
<td>5</td>
<td>Chicago, 1927 &amp; 1929</td>
<td>Green numbers on photoprints: 3132-3148</td>
</tr>
<tr>
<td>2</td>
<td>New York, 1929 &amp; 1930</td>
<td>Green numbers on photoprints: 3149-3162</td>
</tr>
<tr>
<td>1</td>
<td>Jersey City, 1930</td>
<td>Green numbers on photoprints: 3163-3180</td>
</tr>
<tr>
<td>3</td>
<td>326 Broadway, New York; Atlantic City, NJ; Hartford, CT</td>
<td>Green numbers on photoprints: 3181-3197</td>
</tr>
<tr>
<td>4</td>
<td>Radio Compass</td>
<td>Green numbers on photoprints: 3198-3205</td>
</tr>
<tr>
<td>5</td>
<td>Photophone, Photoradio</td>
<td>Green numbers on photoprints: 3206-3213</td>
</tr>
<tr>
<td>6</td>
<td>Centralized Radio, ca. 1930</td>
<td>Green numbers on photoprints: 3214-3218</td>
</tr>
<tr>
<td>7</td>
<td>Individual Components</td>
<td>Green numbers on photoprints: 3219-3223</td>
</tr>
<tr>
<td>8</td>
<td>Tubes</td>
<td>Green numbers on photoprints: 3224-3232</td>
</tr>
<tr>
<td>9</td>
<td>Posters</td>
<td>Green numbers on photoprints: 3233-3243</td>
</tr>
<tr>
<td>1</td>
<td>Oversized display models</td>
<td>Green numbers on photoprints: 3244-3254</td>
</tr>
<tr>
<td>2</td>
<td>Miscellaneous</td>
<td>Green numbers on photoprints: 3255-3329</td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Subseries A12: Portraits

| Box 428, Folder | Alexanderson | 17 images |
| Box 428, Folder | Armstrong | 3 images |
| Box 429, Folder | DeForest | 20 images |
| Box 429, Folder | Fessenden | 5 images, 1 negative |
| Box 429, Folder | Hertz | 1 image |
| Box 429, Folder | Marconi | 49 images, 8 negatives |
| Box 429, Folder | RCA executives, miscellaneous | 20 images |
| Box 429, Folder | Sarnoff | 29 images |
| Box 429, Folder | Steinmetz | 1 image |
| Box 429, Folder | Technicians & inventors, miscellaneous | 13 images, 1 negative |
| Box 430, Folder | #392-1495 | 98 images |
| Box 430, Folder | #1643-2749 | 98 images |
| Box 431, Folder | #2751-3237 | 80 images |
| Box 431, Folder | Unidentified photographs with no #s | 47 images |
| Box 431, Folder | Unidentified photographs with no #s | 27 images |
| Box 431, Folder | Negatives with numbers | 26 images |
| Box 432, Folder | Un-numbered folder | 32 images |
### Subseries A13: Miscellaneous and Unidentified

<table>
<thead>
<tr>
<th>Box 432, Folder</th>
<th>Camden Victrola Works, New Jersey</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>7 images</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Box 432, Folder</th>
<th>Offices - miscellaneous</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>10 images, 15 negatives</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Box 432, Folder</th>
<th>Buildings - miscellaneous</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>24 images, 5 negatives</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Box 432, Folder</th>
<th>Medals, awards</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>10 images, 4 negatives</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Box 433, Folder</th>
<th>Unidentified apparatus</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>10 images, 1 negative</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Box 433, Folder</th>
<th>Miscellaneous</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>9 images, 27 negatives</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Box 433, Folder</th>
<th>Not relevant to radio</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>13 images</td>
</tr>
</tbody>
</table>

### Subseries A14: Diagrams

<table>
<thead>
<tr>
<th>Box 433, Folder</th>
<th>Maps, charts, and diagrams</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>38 images</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Box 433, Folder</th>
<th>Diagrams, RCA 184 - RCA 257</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>19 negatives</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Box 434, Folder</th>
<th>Diagrams, RCA 258 - RCA 569</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>18 negatives</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Box 434, Folder</th>
<th>Diagrams, RCA 576A - RCA 717</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>18 negatives</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Box 434, Folder</th>
<th>Diagrams, RCA 722 - RCA 940</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>16 negatives</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Box 434, Folder</th>
<th>Diagrams, RCA 980 - RCA 2088</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>15 negatives</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Box 434, Folder</th>
<th>No numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>21 negatives</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Box 434</th>
<th>Robert S. Harding 7/16/93</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total: 4,180 images</td>
<td></td>
</tr>
</tbody>
</table>
Series B: George H. Clark Radioana Collection of Photographs By Class or Series

This series consists of photographs removed from the main body of the Clark Radioana Collection by the Division of Electricity, NMAH, for microfilming. This task was not accomplished. They are filed by the "class" or series from which they were removed. They have Clark's Navy filing system number on them. Not all series are represented.

<table>
<thead>
<tr>
<th>Box</th>
<th>Class or Series</th>
</tr>
</thead>
<tbody>
<tr>
<td>434</td>
<td>4, 5</td>
</tr>
<tr>
<td>435</td>
<td>6</td>
</tr>
<tr>
<td>436</td>
<td>7, 8, 9, 10, 14, 18, 19, 20, 21</td>
</tr>
<tr>
<td>437</td>
<td>23, 24, 25, 26</td>
</tr>
<tr>
<td>438</td>
<td>21, 32, 33, 34</td>
</tr>
<tr>
<td>439</td>
<td>37, 38, 39</td>
</tr>
<tr>
<td>440</td>
<td>41, 43, 45, 46</td>
</tr>
<tr>
<td>441</td>
<td>48, 49, 50, 51</td>
</tr>
<tr>
<td>442</td>
<td>52, 53, 59, 60, 61, 62, 63, 64</td>
</tr>
<tr>
<td>443</td>
<td>66, 67, 69, 71, 72</td>
</tr>
<tr>
<td>444</td>
<td>73, 74, 75, 76, 77</td>
</tr>
<tr>
<td>445</td>
<td>78, 79</td>
</tr>
<tr>
<td>446</td>
<td>85, 87, 92, 93, 98, 100, 101, 102, 114, 116, 126, 134, 135, 136, 139, 142, 143</td>
</tr>
<tr>
<td>447</td>
<td>146, 149, 151, 152, 169, 173, 174, 188, 223, 226</td>
</tr>
<tr>
<td>448</td>
<td>146, 149, 151, 152, 169, 173, 174, 188, 223, 226</td>
</tr>
</tbody>
</table>
### Series C: Clark Unorganized and/or Duplicate Photographs

<table>
<thead>
<tr>
<th>Box 449, Folder 1</th>
<th>Box 1; Palla Photophone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Box 449, Folder 2</td>
<td>Box 1; Photo negatives</td>
</tr>
<tr>
<td>Box 449, Folder 3</td>
<td>Box 9; Photos</td>
</tr>
<tr>
<td>Box 449, Folder 4</td>
<td>Box 10; Navy equipment</td>
</tr>
<tr>
<td>Box 449, Folder 5</td>
<td>Box 19; Equipment</td>
</tr>
<tr>
<td>Box 449, Folder 6</td>
<td>&quot;Wooden Box&quot; Equipment</td>
</tr>
<tr>
<td>Box 449, Folder 7</td>
<td>Marconi - images regarding World's Fair, New York, 1939-1940</td>
</tr>
<tr>
<td>Box 449, Folder 8</td>
<td>Thomas Coke Knight photos</td>
</tr>
<tr>
<td></td>
<td>41860</td>
</tr>
<tr>
<td>Box 450, Folder 1</td>
<td>from Box 1</td>
</tr>
<tr>
<td>Box 450, Folder 2</td>
<td>from Box 17</td>
</tr>
<tr>
<td>Box 450, Folder 3</td>
<td>from Box 17; young ladies dancing with radio</td>
</tr>
<tr>
<td>Box 450, Folder 4</td>
<td>from Box IV; Radio consoles</td>
</tr>
<tr>
<td>Box 450, Folder 5</td>
<td>unidentified</td>
</tr>
<tr>
<td></td>
<td>41765</td>
</tr>
<tr>
<td>Box 451, Folder 1</td>
<td>G.H. Clark photos RCA # 785-826</td>
</tr>
<tr>
<td>Box 451, Folder 2</td>
<td>G.H. Clark photos RCA # 1989-1991</td>
</tr>
<tr>
<td>Box 451, Folder 3</td>
<td>G.H. Clark photos RCA # 2001-2083</td>
</tr>
<tr>
<td>Box 451, Folder 4</td>
<td>G.H. Clark photos RCA # 2112-2178</td>
</tr>
<tr>
<td>Box 451, Folder 5</td>
<td>G.H. Clark photos RCA # 2203-2279</td>
</tr>
<tr>
<td>Box 451, Folder 6</td>
<td>G.H. Clark photos RCA # 2335-2452</td>
</tr>
<tr>
<td>Box 451, Folder 7</td>
<td>G.H. Clark photos RCA # 9851-9872</td>
</tr>
<tr>
<td>Box 451, Folder 8</td>
<td>G.H. Clark photos RCA # 24033-24536</td>
</tr>
<tr>
<td>Box 451, Folder 9</td>
<td>G.H. Clark photos RCA # 90055-92025</td>
</tr>
<tr>
<td>Box 451, Folder 10</td>
<td>Unidentified photos by Thomas Coke Knight</td>
</tr>
<tr>
<td>Box 452, Folder 1</td>
<td>Amateur Radio</td>
</tr>
<tr>
<td>Box 452, Folder 2</td>
<td>Broadcasting</td>
</tr>
<tr>
<td></td>
<td>41675</td>
</tr>
<tr>
<td>Box 452, Folder 6</td>
<td>Radio in classroom and hospital</td>
</tr>
</tbody>
</table>
Box 452, Folder 7  Laboratories and Factories
Box 452, Folder 8  RCA Museum Artifacts
Box 452, Folder 9  Unorganized & unidentified photos
Box 453, Folder 1  Television, 1929-1938
Box 453, Folder 2  First Victor Hand-driven Model
Box 453, Folder 3  Alexanderson TV, 1926-1928
Box 453, Folder 4  Jenkins Television, 1928-1932
Box 453, Folder 5  Jenkins Television, 1928-1948
Box 454, Folder 1  Photographs: Index
Box 454, Folder 2  DeForest, 1904-1939
Box 454, Folder 3  Marconi, 1899-1937
Box 454, Folder 4  Marconi (2), 1905-1937
Box 454, Folder 5  Marconi (3), 1898-1944
Box 455, Folder 41645 Photographs
Box 455, Folder 7  duplicates
Box 456, Folder 1  Photographs - Subclass 20-C
Box 456, Folder 41675 Photographs
Box 457, Folder 41645 Photographs
Box 458, Folder 41645 Photographs
Box 459, Folder 1  Photographs - Subclass 1B and 2B
Box 459, Folder 2  Photographs - Subclass 9A
Box 459, Folder 3  Photographs - Subclass 17B (No. 1)
Box 459, Folder 4  Photographs - Subclass 17B (No. 2)
Box 459, Folder 5  Photographs
Box 459, Folder 6  Photographs
Box 460, Folder 41644 Photographs
Box 461, Folder 1  Photograph negatives
Box 461, Folder 2  Photograph negatives: E.J. Nally, 1919
Box 461, Folder 3  Photograph negatives: Phone in observation car, 1928
Box 461, Folder 4  Photograph negatives: Dining car, 1932
Box 461, Folder 5  Photograph negatives: Laurel Station Radio, 1932
Box 461, Folder 6  Photograph negatives: Beltsville, MD station, 1932
Box 461, Folder 7  Photograph negatives: Dining car interior, 1932
Box 461, Folder 8  Photograph negatives: photo of electric spark, 1933
Box 461, Folder 9  Photograph negatives: Bailey Electric spark, 1933
Box 461, Folder 10  Photograph negatives: New teletype machine, 1945
Box 461, Folder 11  Photograph negatives: Old Radio, 1945
Box 461, Folder 12  Photograph negatives: Radio & Telephone equipment, 1946
Box 461, Folder 13  Photograph negatives: First Telephone on Royal Blue, 1947
Box 461, Folder 14  Photograph negatives: Telegraph Office, 1950
Box 461, Folder 15  Photograph negatives: Teletype Machine, 1950
Box 461, Folder 16  Photograph negatives: Train Radio install, 1951
Box 461, Folder 17  Photograph negatives: Multiple transmitter, 1951
Box 461, Folder 18  Photograph negatives: Telephone on Capitol Ltd., 1952
Box 461, Folder 19  Photograph negatives, undated
Box 462, Folder 4  Photograph negatives, undated
Box 463, Folder 4  Photographs, undated
Box 464, Folder 4  Photographs, undated
Box O/S 465  miscellaneous photographs & negatives, undated
Box 466, Folder 4  Photograph Album, undated
Box 467, Folder 4  Clark apparatus, photographs and negatives, undated
Box 467, Folder 4  Photographs, undated
Box 467, Folder 8  Generally portraits (Sarnoff), undated
Box 468, Folder 1  Photograph negatives: Loudspeakers, undated
Box 468, Folder 2  Photograph negatives: RCA Service Station, undated
Box 468, Folder 3  Photograph negatives: Onboard ship, undated
Box 468, Folder 4  Photograph negatives: David Sarnoff, undated
Box 468, Folder 5  Photograph negatives: Diagrams, undated
Box 468, Folder 6  Photograph negatives: Massie receivers, undated
Box 468, Folder 7  Photograph negatives: Fokker plane & U.S. military plane, undated
Box 468, Folder 8  Photograph negatives: RCA, undated
Box 468, Folder 9  Photograph negatives: Marconi, undated
Box 468, Folder 10 Photograph negatives: Marconi’s Beam system - Lecture, undated
Box 468, Folder 11 Photograph negatives: Nathan Stubblefield, undated
Box 468, Folder 12 Photograph negatives: Barret Relays, undated
Box 468, Folder 13 Photograph negatives: Broadcasting (98), undated
Box 468, Folder 14 Photograph negatives: unidentified, undated
Box 469, Folder 1  Photograph negatives: Radiola, undated
Box 469, Folder 2  Photograph negatives: Radiola 20, undated
Box 469, Folder 3  Photograph negatives: Radiola 25, undated
Box 469, Folder 4  Photograph negatives: Radiola 26, undated
Box 469, Folder 5  Photograph negatives: Radiola 28, undated
Box 469, Folder 6  Photograph negatives: Radiola 30, undated
Box 469, Folder 7  Photograph negatives: Radiola III, undated
Box 469, Folder 8  Photograph negatives: Radiola Superhetrodyne, undated
Box 469, Folder 9  Photograph negatives: Radio Shows and Displays, Series 112, undated
Box 469, Folder 10 Photograph negatives: Receiver, Superhetrodyne, portable, undated
Box 469, Folder 11 Photograph negatives: Radiotron UX-201 tubes, undated
Box 469, Folder 12 Photograph negatives: Aerials, undated
Box 470, Folder 1642 Photographs: Equipment by T.C. Knight, undated
Box 471, Folder 1  J.L. Bernard Photograph Album: includes images of many aspects of radio, i.e. equipment, buildings, aerials, personalities, etc. No captions. T.C. Knight, photographer, undated
Box 472, Folder 1  Radio Patents, undated
Box 472, Folder 4 RCA Electron Microscope Drawings, 1939
41673
Box 472, Folder 5 Radio Set specifications (Radio Retailing), 1935-1936
Box 472, Folder 5 Miscellaneous, undated
Box 473, Folder 1 U.S. Army Signal Corps Diagrams, 1917-1931
41641
Box 473, Folder 3 Marconi Wireless Telegraph Company Blueprints, 1912
Box 473, Folder 2 Blueprints of radio equipment, 1906-1920
41746
Box 473, Folder 18 Miscellaneous notes, 1920-1921
Box 474, Folder 1 Technical articles, clippings, 1890-1891
Box 474, Folder 2 French Radio manuals, 1903-1918
Box 474, Folder 3 S.C.R. 136 Transmitter (Signal Corps), 1922-1926
Box 474, Folder 4 Radio Call Letters, 1923-1930
Box 474, Folder 5 RCA Radio Museum correspondence, 1929-1949
Box 474, Folder 6 F.T.C. in matter of G.E., A.T.&T., Western Electric, 1936
Box 474, Folder 7 Portraits (negatives), radio equipment photoprints, undated
Box 475, Folder 1 Unorganized photostatic copies, undated
41651
Box 475, Folder 13 Miscellaneous publications, undated
Box 476, Folder 1 U.S. Army Signal Corps Correspondence, 1924-1925
Box 476, Folder 2 U.S. Army Signal Corps Correspondence, 1925-1926
Box 476, Folder 3 Radio Apparatus Instructions: Westinghouse - U.S. Navy, 1928-1929
Box 476, Folder 4 Transmitting Equipment for Rigid Airships, 1929-1930
Box 477, Folder 1 Photographs, undated
Box 477, Folder 2 Correspondence, 1915-1924
Box 477, Folder 3 Unidentified files, undated
Box 477, Folder 4 Miscellaneous publications, 1925-1961
<table>
<thead>
<tr>
<th>Box 477, Folder 5</th>
<th>Material with no Class (Series), undated</th>
</tr>
</thead>
<tbody>
<tr>
<td>Box 477, Folder 6</td>
<td>Unknown diagrams, undated</td>
</tr>
<tr>
<td>Box 478, Folder 1</td>
<td>Miscellaneous, undated</td>
</tr>
<tr>
<td>Box 478, Folder 2</td>
<td>B. Jensen miscellaneous, undated</td>
</tr>
<tr>
<td>Box 478, Folder 3</td>
<td>Edison DeForest data, undated</td>
</tr>
<tr>
<td>Box 478, Folder 4</td>
<td>Blueprints, undated</td>
</tr>
<tr>
<td>Box 478, Folder 5</td>
<td>Radio Equipment Manuals, undated</td>
</tr>
<tr>
<td>Box 479, Folder 1</td>
<td>Correspondence with U.S. Navy, 1903-1905</td>
</tr>
<tr>
<td>Box 479, Folder 2</td>
<td>RCA Economic Analysis of Radio Industry, 1920-1934</td>
</tr>
<tr>
<td>Box 479, Folder 3</td>
<td>Technical Manuals, Company Publications, undated</td>
</tr>
<tr>
<td>Box 479, Folder 4</td>
<td>&quot;Measurement of Coupling Factor&quot; Notes, 1922</td>
</tr>
<tr>
<td>Box 479, Folder 5</td>
<td>Transcript of RCA vs. Dublier, 1930</td>
</tr>
<tr>
<td>Box 480, Folder 1</td>
<td>Series 208, Servicing, 1922-1941</td>
</tr>
<tr>
<td>Box 480, Folder 2</td>
<td>Service Code, U.S. Army; Ground Telegraphy, 1918</td>
</tr>
<tr>
<td>Box 480, Folder 3</td>
<td>Standard Radio Symbols, 1910-1926</td>
</tr>
<tr>
<td>Box 480, Folder 4</td>
<td>International List of Radio Telegraph Stations, 1922</td>
</tr>
<tr>
<td>Box 480, Folder 5</td>
<td>NESCO vs. U.S.: George H. Clark Testimony, 1934</td>
</tr>
<tr>
<td>Box 480, Folder 6</td>
<td>RCA vs. Globe Wireless Ltd., 1935-1937</td>
</tr>
<tr>
<td>Box 481, Folder 1</td>
<td>RCA Publications, undated</td>
</tr>
<tr>
<td>Box 481, Folder 2</td>
<td>Miscellaneous company publications, undated</td>
</tr>
<tr>
<td>Box 481, Folder 3</td>
<td>Miscellaneous court documents, undated</td>
</tr>
<tr>
<td>Box 481, Folder 4</td>
<td>Trade, Industry and other publications, undated</td>
</tr>
<tr>
<td>Box Map Case, Folder drawer #1</td>
<td>Crystal Receivers and Spark Gap Transmitters Project Blueprints, 1907-1911</td>
</tr>
<tr>
<td>Box</td>
<td>Description</td>
</tr>
<tr>
<td>-------</td>
<td>--------------------------------------------------</td>
</tr>
<tr>
<td>482</td>
<td>Newspaper clippings, primarily 1912</td>
</tr>
<tr>
<td>483</td>
<td>Newspaper clippings, 1912-1914</td>
</tr>
<tr>
<td>484</td>
<td>Newspaper clippings, 1913</td>
</tr>
<tr>
<td>485</td>
<td>Newspaper clippings, 1924-1925, 1930s</td>
</tr>
<tr>
<td>486</td>
<td>Newspaper clippings, 1913</td>
</tr>
<tr>
<td>487</td>
<td>Newspaper clippings, 1922-1929, 1934-1936</td>
</tr>
<tr>
<td>488</td>
<td>Newspaper clippings, 1931-1937</td>
</tr>
<tr>
<td>489</td>
<td>Newspaper clippings, April 1, 1937</td>
</tr>
<tr>
<td>490</td>
<td>Newspaper clippings, June 1, 1937</td>
</tr>
<tr>
<td>491</td>
<td>Newspaper clippings, September 1, 1937</td>
</tr>
<tr>
<td>492</td>
<td>Newspaper clippings, November 1, 1937</td>
</tr>
</tbody>
</table>
## Series F: Radio Publications, 1903-1957

<table>
<thead>
<tr>
<th>Box 493, Folder</th>
<th>Publication</th>
<th>Date Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Christian Century</td>
<td>1931</td>
</tr>
<tr>
<td>2</td>
<td>Electrical World</td>
<td>19112-1913</td>
</tr>
<tr>
<td>3</td>
<td>Foreign Language</td>
<td>1909-1931</td>
</tr>
<tr>
<td>4</td>
<td>Foreign Language</td>
<td>undated</td>
</tr>
<tr>
<td>5</td>
<td>Journal of the American Institute of Electrical Engineers</td>
<td>1921</td>
</tr>
<tr>
<td>6</td>
<td>Marconi Wireless Telegraph Company</td>
<td>1922-1938</td>
</tr>
<tr>
<td>7</td>
<td>McElroy Manufacturing Company</td>
<td>undated</td>
</tr>
<tr>
<td>8</td>
<td>Physical Review</td>
<td>1903-1905</td>
</tr>
<tr>
<td>9</td>
<td>RCA</td>
<td>undated</td>
</tr>
<tr>
<td>10</td>
<td>RCA</td>
<td>undated</td>
</tr>
<tr>
<td>Box 494, Folder</td>
<td>RCA</td>
<td>1929</td>
</tr>
<tr>
<td>1</td>
<td>RCA</td>
<td>1934-1940; undated</td>
</tr>
<tr>
<td>2</td>
<td>RCA</td>
<td>1935-1940</td>
</tr>
<tr>
<td>3</td>
<td>RCA</td>
<td>1943</td>
</tr>
<tr>
<td>4</td>
<td>David Sarnoff</td>
<td>1922-1924</td>
</tr>
<tr>
<td>5</td>
<td>David Sarnoff</td>
<td>1930-1937</td>
</tr>
<tr>
<td>6</td>
<td>U.S. Government Publications</td>
<td>1920-1924</td>
</tr>
<tr>
<td>7</td>
<td>U.S. Government Publications</td>
<td>1919; n.d</td>
</tr>
<tr>
<td>8</td>
<td>U.S. Government Publications</td>
<td>1926-1935</td>
</tr>
<tr>
<td>9</td>
<td>U.S. Government Publications</td>
<td>1936-1941</td>
</tr>
<tr>
<td>10</td>
<td>General Publications</td>
<td>1905-1911</td>
</tr>
<tr>
<td>11</td>
<td>General Publications</td>
<td>1911-1912</td>
</tr>
<tr>
<td>12</td>
<td>General Publications</td>
<td>1912</td>
</tr>
<tr>
<td>13</td>
<td>General Publications</td>
<td>1914-1922</td>
</tr>
<tr>
<td>14</td>
<td>General Publications</td>
<td>1922-1923</td>
</tr>
<tr>
<td>15</td>
<td>General Publications</td>
<td>1924-1928</td>
</tr>
<tr>
<td>16</td>
<td>General Publications</td>
<td>1929</td>
</tr>
<tr>
<td>17</td>
<td>General Publications</td>
<td>1931</td>
</tr>
</tbody>
</table>
Box 496, Folder 6  General Publications, 1931-1933
Box 496, Folder 7  General Publications, 1934-1939
Box 497, Folder 1  General Publications, 1941
Box 497, Folder 2  General Publications, 1941-1945
Box 497, Folder 3  General Publications, 1945-1953
Box 497, Folder 4  General Publications, 1953-1957
Box 497, Folder 5  General Publications, undated
Box 497, Folder 6  General Publications, undated
Series G: Darby & Darby, Attorneys Patent Files, circa 1914-1935

Box 498, Folder 1 Case no. 252: Victor O. Allen, including apparent foreign "Prior Art" (issued patents). Correspondence incomplete, 1930-1935

Box 498, Folder 2 Case no. 3: James L. Bradford, patent application materials - Reissue abandoned (no copy in file) Patent no. #14532667, 1918-1923

Box 498, Folder 3 Case no. 108: Cooley, Patents, 1891-1923


Box 498, Folder 7 Case no. 60: Henry S. Coyer (U.S.), Application materials (no copy in file) Patent no. #1305690, 1918-1919

Box 498, Folder 8 Case no. 5: Lee DeForest, patent application materials and references to related matters. Wireless Telegrams and Telephone Systems. Includes DeForest's notes re: his invention (#1,507,017), 1914-1924

Box 498, Folder 9 Case no. 9: Lee DeForest, 1915-1925

Box 498, Folder 10 Case no. 58: Lee DeForest, 1920-1923

Box 498, Folder 11 Case no. 116: Lee DeForest, 1923-1926

Box 499, Folder 1 No Case no. Lee DeForest and Charles V. Logwood, refers to "Armstrong Interference" action in P.O.Patent no. #1170881 "Wireless Receiving Systems", 1911-1916

Box 499, Folder 2 Case no. 2: Lee DeForest, 1914-1919

Box 499, Folder 3 No Case no. Lee DeForest, Method of and means for reproduction and amplifying weak pulsating currents Patent no. #1314250, 1915-1916

Box 499, Folder 4 Case no. 93: Garrett V. Dillenback, Application materials (no copy in file) Patent no. #339865 [Canada], 1931-1934

Box 499, Folder 5 Case no. 93: Frederick Holborn, Application materials (undamped electrical, wave lengths) Abandoned on final rejection, 1922-1924

Box 499, Folder 6 Case no. 146: Frederick Holborn, Application materials (including Steinmetz patent - "Prior Art") Electron Discharge Device (denied "Prior Art"), 1924-1927

Box 499, Folder 7 Case no. 139: Frederick L. Hunter, Application documents (no patent granted) "Prior Art" material - no invention, 1924-1926

Box 499, Folder 8 Case no. 145: Frederick L. Hunter, Application materials, Electron discharge devises and construction of operative elements (no patent issued) "Prior Art", 1924-1928

Box 499, Folder 9 Case no. 15: Charles Francis Jenkins, Application materials (Broad coverage - television) Canadian Patent no. #317280 - Cross ref. US Patent no. #1766644 Synchronizing systems - television [Canada], 1930-1931
Box 499, Folder 10  Case no. 77: Charles Francis Jenkins, Application materials, A "basic patent" Canadian Pat. no. #317281 (Television) Duplex Radio Machine Cross ref. US Pat. no. #1694065, 1930-1931

Box 499, Folder 11  Case no. 82: Charles Francis Jenkins, 1930-1935

Box 499, Folder 12  Case no. 98: Charles Francis Jenkins, 1930-1931

Box 499, Folder 13  Case no. 110: Charles Francis Jenkins, Application materials, Two signal broadcast (no copy of patent) Patent no. #1976785, 1932-1934

Box 499, Folder 14  Case no. 92: Jenkins Television Corporation, Files supporting application (and copy of "Jenkins" Trademark) and composition, 1930-1931

Box 500, Folder 1  Case no. 72: Charles J. Keogan, Application materials, (no copy of patent) Patent no. #330749, 1931-1933

Box 500, Folder 2  Case no. 78: Charles V. Logwood, Application materials, (no copy of patent) Patent no.#1440834, 1921-1923

Box 500, Folder 3  Case no. 60: Charles H. W. Nason, Application materials, (no copy of patent) Patent no. #332309[Canada], 1932

Box 500, Folder 4  Case no. 73: Charles H. W. Nason [Canada], 1932-1933

Box 500, Folder 5  Case no. 206: Edwin F. Nickl, patent materials (incomplete) only, 1920-1932

Box 500, Folder 6  Case no. 74: Delbert E. Replogle, patent material and related correspondence - Electro-Optical Methods and System of Transmissions [Canadian Patent] no copy, 1930-1933

Box 500, Folder 7  Case no. 104: Delbert E. Replogle, electrical image transmissions, 1930-1933

Box 500, Folder 8  Case no. 104: Delbert E. Replogle, patent material and related correspondence [Canada], 1931-1933

Box 500, Folder 9  Case no. 107: Delbert E. Replogle Electro Optical System and Methods Patent no. #1914580, 1930-1933

Box 500, Folder 10  Case no. 79: Richard E. Wallace, "Light Sources" [Canadian application], 1930

Box 500, Folder 11  Case no. 31: Samuel Wein, 1930-1935

Box 500, Folder 12  Case no. 91: Samuel Wein, Primary file: significant non-legal material; working papers and routine patent materials, 1930-1935
Series H: Blank Telegram Forms

Box 501  Telegram Forms by Country/Company, A-L, undated
Box 502  M-Z, undated
### Series I: Miscellaneous Series

<table>
<thead>
<tr>
<th>Box 503, Folder 1</th>
<th>Series 40, FREQUENCY-CONTROL APPARATUS AND SYSTEMS, 1931</th>
</tr>
</thead>
<tbody>
<tr>
<td>Box 503, Folder 2</td>
<td>Series 42, FREQUENCY DOUBLERS OR MULTIPLIERS, 1930-1936</td>
</tr>
<tr>
<td>Box 503, Folder 3</td>
<td>Series 70, DISTANCE FINDING STATIONS AND EQUIPMENT, 1911-1936</td>
</tr>
<tr>
<td>Box 503, Folder 4</td>
<td>Series 81, VACUUM TUBE TRANSMITTER ASSEMBLY, 1926</td>
</tr>
<tr>
<td>Box 503, Folder 5</td>
<td>Series 84, TRANSMITTER STATIONS OR APPARATUS: TESTS, MEASUREMENTS, EXPERIMENTS, 1899-1931</td>
</tr>
<tr>
<td>Box 503, Folder 6</td>
<td>Series 104, DUPLEX (Simultaneous) RECEIVING AND SENDING SYSTEMS, 1918-1933</td>
</tr>
<tr>
<td>Box 503, Folder 7</td>
<td>Series 107, SYMBOLIC REPRESENTATION OF RADIO, 1914-1945</td>
</tr>
<tr>
<td>Box 503, Folder 8</td>
<td>Series 110, NOTABLE STATEMENTS REGARDING RADIO, 1908-1934</td>
</tr>
<tr>
<td>Box 503, Folder 9</td>
<td>Series 111, RADIO OVER WIRE LINES (WIRES WIRELESS), 1912-1941</td>
</tr>
<tr>
<td>Box 503, Folder 10</td>
<td>Series 137, HISTORY OF MARINE RADIO OPERATION, 1909-1938</td>
</tr>
<tr>
<td>Box 503, Folder 11</td>
<td>Series 141: MATHEMATICAL TREATMENT OF RADIO PROBLEMS, 1932</td>
</tr>
<tr>
<td>Box 503, Folder 12</td>
<td>Series 149, ACCOUNTING, LIST OF JOB ORDERS, REQUISITIONS, AND CONTRACTS (Lists of Apparatus installed in specific locations. Chronological and by company), 1915-1934</td>
</tr>
<tr>
<td>Box 503, Folder 13</td>
<td>Series 153, FILTERS FOR USE WITH RADIO CIRCUITS AND APPARATUS, 1924-1939</td>
</tr>
<tr>
<td>Box 504, Folder 1</td>
<td>Series 156, RADIO RELAY (Interconnection of radio and wire systems, and of one radio system to another), 1945</td>
</tr>
<tr>
<td>Box 504, Folder 2</td>
<td>Series 159, GEOPHYSICAL PROSPECTING BY RADIO, 1929-1949</td>
</tr>
<tr>
<td>Box 504, Folder 3</td>
<td>Series 164, MODULATION METHODS AND APPARATUS, 1923-1935</td>
</tr>
<tr>
<td>Box 504, Folder 4</td>
<td>Series 165, RADIO vs. CABLE vs. LAND WIRE, 1922-1940</td>
</tr>
<tr>
<td>Box 504, Folder 5</td>
<td>Series 172, DATA EFFICIENCY OF RADIO OPERATORS, CODE OR RADIO TELEPHONE (Speed tests for operators; Medals for proficiency in code), 1913-1941</td>
</tr>
<tr>
<td>Box 504, Folder 6</td>
<td>Series 178, GENERAL DATA REGARDING SELECTIVITY, 1911-1942</td>
</tr>
<tr>
<td>Box 504, Folder 7</td>
<td>Series 179, GENERAL DATA REGARDING STANDARDIZATION, 1916-1944</td>
</tr>
<tr>
<td>Box 504, Folder 8</td>
<td>Series 184, AUDIO-SIGNAL-INDICATING DEVICE (See Series 49), 1926</td>
</tr>
<tr>
<td>Box 504, Folder 9</td>
<td>Series 185, SPECIAL USES OF OSCILLATION TRANSFORMER, 1903-1936</td>
</tr>
<tr>
<td>Box 504, Folder 10</td>
<td>Series 193, ACCIDENTS OR DEATH CAUSED BY RADIO APPARATUS, LIGHTNING, OR X-RAY, 1924-1946</td>
</tr>
</tbody>
</table>
Box 504, Folder 11  Series 197, INTER-CITY RADIO, HISTORY OF DOMESTIC (City to City) RADIO COMMUNICATION, 1929-1937

Box 504, Folder 12  Series 210, HISTORY OF RADIO STOCK SELLING AND MANIPULATION, 1929-1938

Box 504, Folder 13  Series 211, JENKINS TELEVISION, 1931

Box 504, Folder 14  Series 215, ACOUSTIC DEVICES, 1905-1940

Box 504, Folder 15  Series 217, X-RAYS AND MACHINERY, 1908-1940

Box 504, Folder 16  Series 218, FREQUENCY MODULATION, THEORY AND HISTORY, 1935-1948

Box 504, Folder 17  Series 220, TRANSMISSION OF POWER BY RADIO METHODS, 1934-1945

Box 504, Folder 18  Series 228, RADIO BROADCASTING BY "ETHERIC FORCE" (guided waves); COLLEGE 'GAS PIPE'' BROADCASTING; GUIDED RADIO BROADCASTING IN GENERAL, 1922-1946

Box 504, Folder 19  Series 241, ELECTRON MICROSCOPE; ELECTRON TELESCOPE; LIGHT-AMPLIFIER, 1940-1945

Box 504, Folder 20  Series 247, PROTECTIVE ASSOCIATIONS, 1927-1930

Box 504, Folder 21  Series 248, HISTORY OF RADIO SCHOOLS AND COLLEGES (with instruction books), 1932

Box 504, Folder 22  Series 253, ELECTRONIC COMPUTERS, 1948-1949
Series J: Research and Laboratory Notebooks

Box 505, Folder 1  Patents issued to J.F. Farrington, 1922-1941
Box 505, Folder 2  Transmission Networks by J.F. Farrington, 1928
Box 505, Folder 3  "Report #14 Duplex," by J.F. Farrington, 1919-1921
Box 505, Folder 4  "Telephone Days," by John Stone Stone, circa 1888-1900
Box 506, Folder 1  Laboratory Notebook, E.R Cram, 1906
Box 506, Folder 2  Laboratory Notebooks, Roy A. Weagant, 1912-1914
Box 506, Folder 3  Laboratory Notebooks, Roy A. Weagant, 1915
Box 507, Folder 1  Laboratory Notebooks, Roy A. Weagant, 1915-1917
Box 507, Folder 2  Laboratory Notebooks, Roy A. Weagant, 1917-1918
Box 507, Folder 3  Laboratory Notebooks, Roy A. Weagant, 1919-1922
Box 508, Folder 1  Laboratory Notebooks, Roy A. Weagant, 1921-1925
Box 508, Folder 2  Laboratory Notebooks, Roy A. Weagant, 1935-1936
Box 509, Folder 1  Stone Telephone & Telegraph Co., Van Dyck Notebooks, 1902-1908
Box 509, Folder 2  Stone Telephone & Telegraph Co., Van Dyck Notebooks, 1904
Box 509, Folder 3  Stone Telephone & Telegraph Co., Van Dyck Notebooks, 1905-1908
Box 510, Folder 1  S.M Kinter Personal Notebook, 1911
Box 510, Folder 2  S.M Kinter Personal Notebook, 1911-1912
Box 510, Folder 3  S.M Kinter Personal Notebook, 1911-1919
Box 510, Folder 4  S.M Kinter Personal Notebook, 1912
Box 511, Folder 1  RCA, GE, Westinghouse vs. E.J. Edmond & Co. (Temporary index to Witnesses & Exhibits), 1927
Box 511, Folder 2  RCA, GE, Westinghouse vs. E.J. Edmond & Co. (Testimonial), undated
Box 511, Folder 3  Log of Tests on Duplex Systems, 1921
Box 511, Folder 4  Marconi Wireless Telegraph Co. Ltd. No. #3, 1902
Box 512, Folder 1  A. Stein Jr. Notebook, 1904
Box 512, Folder 2  Brant Rock Message Book, 1906
Box 512, Folder 3  M.L. Wescoe Notebook, 1906
Box 512, Folder 4  M.L. Wescoe Notebook (USS Salem), 1910
Box 512, Folder 5  H. Sparks Notebook, 1906-1909
Box 512, Folder 6  H. Sparks Notebook, 1907-1909
Box 512, Folder 7  E.D. Forbes Notebook, 1910-1911
Box 512, Folder 8  L.F. Fuller Notebook, 1912
Box 513, Folder 1  J. Leo Davis Notebook, 1905
Box 513, Folder 2  Alfred Norton Goldsmith Notebook, 1905-1914
Box 513, Folder 3  G. H. Clark & C.E. Russell Notebook, 1906
Box 513, Folder 4  O.C. Roos Diary, 1907
Box 513, Folder 5  George H. Clark Notebook No. #1, 1919
Box 513, Folder 6  R.A. Heising Vacuum Tube, 1919
Box 514, Folder 1  L.W. Austin Notebook, 1906
Box 514, Folder 2  F.P Mansbendel Notebook, 1907
Box 514, Folder 3  Glaubitz Notebook, 1908
Box 514, Folder 4  D.R. Price Notebook, 1908-1909
Box 514, Folder 5  W.J. Brown Notebook, 1909
Box 514, Folder 6  Louis Cohen Notebook, 1909
Box 514, Folder 7  J.W. Lee Notebook, 1911
Box 514, Folder 8  R.B. Wolverton Notebook, 1912
Box 515, Folder 1  Press Clippings, 1923
Box 515, Folder 2  Equipment Photographs, blueprints, 1923
Box 515, Folder 3  Technical Reports and notes, 1923-1949
Box 515, Folder 4  Monthly Reports on Transmissions, 1924-1926
Box 516, Folder 1  J.F. Fairington Reports, 1919-1921
Box 516, Folder 2  J.F. Fairington Reports, 1920-1924
Box 516, Folder 3  J.F. Fairington Reports, 1924-1928
Box 517, Folder 1  C.E. Russel Notebook # 4, 1906
Box 517, Folder 2  R.G. Wells Notebook # 0, 1906
Series K: Index to Photographs of Radio Executives & Technical Types

Box 518  A-J
Box 519  K-Z
Series L: Index to Bound Volumes of Various Series

Box 520-522
Series M: Index to Photographs of David Sarnoff

Box 523
Series N: Federal Government Personnel Files, 1893-1934

Box 524, Folder 1  George H. Clark, 1908-1919
Box 524, Folder 2  Reginald Abrey Fessenden, 1900-1902
Box 524, Folder 3  Louis A. Gebhard, 1920-1926
Box 524, Folder 4  Julius Martin, 1917-1934
Box 524, Folder 5  Willis Luther Moore, 1893-1913
Box 524, Folder 6  Alfred H. Thiessen, 1898-1920
Box 525, Folder 1  Wendell L. Carlson, 1918-1923
Box 525, Folder 2  Glenn W. Carpenter, 1918-1921
Box 525, Folder 3  Alfred Crossley, 1918-1928
Box 525, Folder 4  Guy Hill, 1912-1916
Box 525, Folder 5  Harry J. Lang, 1916-1921
Box 525, Folder 6  Alfred M. Trogner, 1911-1928