

George H. Clark Radioana Collection

NMAH.AC.0055 Robert Harding 1990



Archives Center, National Museum of American History

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Collection Overview

Repository: Archives Center, National Museum of American History

Title: George H. Clark Radioana Collection

Date: circa 1880-1950

Identifier: NMAH.AC.0055

Creator: Clark, George Howard, 1881-1956

Source: National Museum of American History (U.S.). Division of Electricity and

Modern Physics

Extent: 220 Cubic feet (534 boxes, 25 map-folders)

Language: English .

Summary: 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.

Administrative Information

Acquisition Information

The collection was donated to the Smithsonian in 1959.

Provenance

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

Provenance

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).

Telefunken

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

Processed by Robert S. Harding, archivist, 1990; revised by Robert S. Harding, archivist, 2001. Series 4 processed by Cathy Keen, May 2000.

Preferred Citation

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

Restrictions

Collection is open for research but a portion of the collection remains unprocessed and is stored off-site and special arrangements must be made to work with it. Contact the Archives Center for information at archivescenter@si.edu or 202-633-3270.

Gloves must be worn when handling unprotected photographs, negatives, and slides.

Conditions Governing Use

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Biographical / Historical

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.

Scope and Contents

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 Televsion 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
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- 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
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- 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
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- Series 129, Spark Systems, 1898-1941
- Series 130, Vacuum Tubes Systems, 1902-1939
- Series 132, Radiophone Transmitting & Receiving System, 1906-1947
- Series 133, Photo-Radio, 1899-1947
- Series 134, History of Radio Broadcasting, 1908-
- Series 135, History of Radiotelephony, Other Than Broadcasting
- Series 136, History of Amateur Radio
- Series 138, Transoceanic Communication
- Series 139, Television Transmitting Stations
- Series 140, Radio Theory
- Series 142, History of Television
- · Series 143, 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 Photos in Various Series
- Series M, Index to David Sarnoff Photographs
- · Series N, Federal Government Personnel Files
- · Series O, Addenda Materials

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 farreaching 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

1895

1898

1899

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

In March Marconi demonstrates his wireless system on Salisbury Plain, near London, and files a complete patent specification. In May trials of Marconi's system are made over water between Lavernock and Flatholm, a distance of three miles. On May 13, communication is established between Lavernock Point and Brean Down, a distance of eight miles. German scientist Professor Slaby is present. The first Marconi station is erected at the Needles, Isle of Wight. A distance of fourteen and one-half miles is bridged by wireless. In December the Marconi station at the Needles communicates with a ship eighteen miles at sea.

In England Oliver Lodge files a complete specification covering inventions

Marconi experiments with Hertz's oscillator and Branley's coherer.

in wireless telegraphy.

The New York Herald uses Marconi's wireless telegraphy to report the progress of the International Yacht races between the Columbia and the

	Shamrock off New York harbor in September. US. Navy vessels make trials of Marconi's wireless telegraph system. The cruiser New York and the battleship Massachusetts are equipped with apparatus. Fessenden develops improvements in methods of wireless telegraph signaling.
1900	The Marconi International Marine Communication Company is organized on April 25th in London. Reginald Aubrey Fessenden begins work at the United States Weather Bureau. Over the next two years he invents the liquid barretter, an improved radio receiver.
1901	In February on board the SS Philadelphia, Marconi receives wireless signals over a distance of 1,551 miles. In March Marconi wireless telegraph service begins between islands of the Hawaiian group. On December 12, Marconi receives transatlantic signal at St. John's, Newfoundland from Poldhu, Cornwall, England. The Canadian government orders two Marconi telegraph sets for use at coastal points along the Strait of Belle Isle.
1901	Fessenden procures US patent no. 706737 for a system of radio signaling employing long waves (low frequency). De Forest develops a system of wireless telegraphy in Chicago. 1903-06 10,000 to 50,000 cycle machines, 1 kW, are developed by Steinmetz and by Alexanderson of GE for Fessenden. 1905 Marconi procures patent number 14788 in England, covering the invention of the horizontal directional antenna.
1906	At Brant Rock, Massachusetts, Fessenden employs a generator of one- half kW capacity, operating at 75,000 cycles, for radio purposes. He succeeds in telephoning a distance of eleven miles by means of wireless telephone apparatus.
1907	De Forest procures a U. S. patent for an audion amplifier of pulsating or alternating current.
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.

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.

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

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

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

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.

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.

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 longdistance radio stations at points in Central and South Americirca 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 Americirca 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

1912-1913

1915

1916

1917-1918

1918

1919

1920

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.

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.

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.

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.

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.

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.

Names and Subject Terms

1921

1922

1923

1924

1925-26

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 -- History Radio engineers -- 1880-1950

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.

National Museum of American History (U.S.). Division of Electricity and Modern Physics

Radio Corporation of America.

Container Listing

Series 1: Library Operating System, 1915-1950

Sco	pe	and
Con	ter	nts:

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.

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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)

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Series 2: Apparatus Type Numbers, 1916-1931

Scope and Contents:

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

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Series 3: Photographic Lists, 1925-1928

Scope and Contents:

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

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Series 4: Biographies of Radio Personages, Technical, 1898-1948

Scope and Contents:

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 oneline 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.

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Box 18, Folder 1	Reinhard, Cyril D.
Box 18, Folder 1	Reinhardt, R.C.
Box 18, Folder 1	Rendall, Maurice G.
Box 18, Folder 1	Reoch, Alexander E.

Box 18, Folder 1	Rettenmeyer, Francis X.
Box 18, Folder 1	Rice, Edwin Wilbur, Jr.
Box 18, Folder 1	Richardson, David W.
Box 18, Folder 1	Richardson, J.S.
Box 18, Folder 1	Richardson, O.W.
Box 18, Folder 1	Richardson, Paul C.
Box 18, Folder 1	Rider, John F.
Box 18, Folder 1	Rigg, Edgar T., Jr.
Box 18, Folder 1	Righi, Augusto
Box 18, Folder 1	Ring, Andrew
Box 18, Folder 1	Ritchie, E.
Box 18, Folder 1	Ritter, Eugene
Box 18, Folder 1	Robards, Sidney M.
Box 18, Folder 1	Roberts, J. Marvin
Box 18, Folder 1	Roberts, Kenneth
Box 18, Folder 1	Roberts, W.V.B.
Box 18, Folder 1	Robinson, George N.
Box 18, Folder 1	Robinson, Gordon D.
Box 18, Folder 1	Rodd, Herbert C.
Box 18, Folder 1	Rogers
Box 18, Folder 1	Rogers, George W.
Box 18, Folder 1	Roosevelt, Franklin D.
Box 18, Folder 1	Rose, Albert
Box 18, Folder 1	Ross, Charles J.

Box 18, Folder 1	Rossi, R.T.
Box 18, Folder 1	Rostron, J.B.
Box 18, Folder 1	Roters, Herbert C.
Box 18, Folder 1	Roy, Frank
Box 18, Folder 1	Royal, John
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Box 18, Folder 1	Russell, C.E.
Box 18, Folder 1	Russell, Philip T.
Box 18, Folder 1	Rutherford, Ernest
Box 18, Folder 1	Ryan, Quin
Box 18, Folder 2	Raber, Milton
Box 18, Folder 3	Rapke, Victor H.
Box 18, Folder 4	Ready, William A., Letter, 1943
Box 18, Folder 5	Replogle, D.E., Letters, 1931; articles
Box 18, Folder 6	Rice, A.R, Biographical information
Box 18, Folder 7	Richards, W.G., Letters, 1931-1946
Box 18, Folder 8	Ricker, Abby Morrison, Biographical information
Box 18, Folder 9	Rietzke, E.H., Biographical information
Box 18, Folder 10	Rigby, James Francis, Biographical informatin
Box 18, Folder 11	Riley, H., Letter, 1945
Box 18, Folder 12	Robinson, Frances, Letter pertaining to, 1931
Box 18, Folder 13	Robinson, Hyman J., Biographical information
Box 18, Folder 14	Robison, S.S., Letter, 1941; article
Box 18, Folder 15	Rogers, J.H, Correspondence pertaining to, 1942

Box 18, Folder 16	Roos, Osca, Correspondence pertaining to, 1930; biographical information	
Box 18, Folder 17	Roosevelt, Henry Latrobe, Biographical information, press release	
General "S" file, including secondary material on the following persons		
Box 18, Folder 18	Sadenwater, Harry	
Box 18, Folder 18	Sahagen, Joseph	
Box 18, Folder 18	Salisbury, Winfield W.	
Box 18, Folder 18	Sayecki, Mitsuru	
Box 18, Folder 18	Schairer, Otto S.	
Box 18, Folder 18	Schleimann-Jensen, Arne	
Box 18, Folder 18	Schloemilch, W.	
Box 18, Folder 18	Schmidt, K.E.	
Box 18, Folder 18	Schmit, D.F.	
Box 18, Folder 18	Schneider, Everett J.	
Box 18, Folder 18	Schnelle, Will J.	
Box 18, Folder 18	Schnitzler, Paul	
Box 18, Folder 18	Schroeter, Richard	
Box 18, Folder 18	Scott, Kenneth	
Box 18, Folder 18	Seabury, William H.	
Box 18, Folder 18	Secor, H. Winfield	
Box 18, Folder 18	Seeley, S.W.	
Box 18, Folder 18	Shannon, Robert	
Box 18, Folder 18	Shatford, A.	
Box 18, Folder 18	Shaw, A.E.	

Box 18, Folder 18	Shaw, F.W.
Box 18, Folder 18	Shaw, Stan
Box 18, Folder 18	Shecklen, George F.
Box 18, Folder 18	Shelby, R.E.
Box 18, Folder 18	Shepard, J.W.
Box 18, Folder 18	Short, Carl
Box 18, Folder 18	Shumaker
Box 18, Folder 18	Shute, Emmett Ray
Box 18, Folder 18	Silver, McMurdo
Box 18, Folder 18	Simpson, Robert J.
Box 18, Folder 18	Smith, D.B.
Box 18, Folder 18	Smith, Hervey
Box 18, Folder 18	Smith, J.O.
Box 18, Folder 18	Smith, Kate
Box 18, Folder 18	Smith, Robert
Box 18, Folder 18	Smith-Rose, R.L.
Box 18, Folder 18	Snyder, W.E.
Box 18, Folder 18	Somersalo, George A.
Box 18, Folder 18	Sommerer, Harry L.
Box 18, Folder 18	Soucy, Chester I.
Box 18, Folder 18	Southworth, George
Box 18, Folder 18	Spalding, Albert
Box 18, Folder 18	Speaker, Charles
Box 18, Folder 18	Spottiswoode

Box 18, Folder 18	Squire, Frank M.
Box 18, Folder 18	Starrett, Jack
Box 18, Folder 18	Stein, R.H.
Box 18, Folder 18	Stein, Adam, Jr.
Box 18, Folder 18	Steinberg, Ralph
Box 18, Folder 18	Steiner, M.C.
Box 18, Folder 18	Steiner, H. Carlton
Box 18, Folder 18	Steinmetz, Charles P.
Box 18, Folder 18	Stevens, A.M.
Box 18, Folder 18	Stevens, T.M.
Box 18, Folder 18	Stewart, John M.
Box 18, Folder 18	Stockellburg, Arthur A.
Box 18, Folder 18	Stoddart, Richard
Box 18, Folder 18	Stokes, W.E.D.
Box 18, Folder 18	Stone, J. McWilliams
Box 18, Folder 18	Stoner, Frank E.
Box 18, Folder 18	Street, George
Box 18, Folder 18	Strotz, Sidney
Box 18, Folder 18	Styles, Hal
Box 18, Folder 18	Suits, Chauncey Guy
Box 18, Folder 18	Sullivan, Henry J.
Box 18, Folder 18	Sutton, George O.
Box 18, Folder 18	Sverdrup, Bjarne
Box 18, Folder 19	Sarnoff, David, Correspondence, undated and 1916-1929

Box 18, Folder 20	Sarnoff, David, Correspondence, 1930-1943
Box 18, Folder 21	Sarnoff, David, Correspondence relating to, 1929-1938
Box 18, Folder 22	Sarnoff, David, Documents relating to dinner honoring, 1936
Box 18, Folder 23	Sarnoff, David, Lecture about by Clark
Box 18, Folder 24	Sarnoff, David, Biographical material
Box 18, Folder 25	Sarnoff, David, Writings: "Recent Developments in American Industry" and "Listening in on 'The Radio Crossroads of the World"
Box 18, Folder 26	Sarnoff, David, Articles and scrapbook entries on
Box 18, Folder 27	Sarnoff, David, Miscellany
Box 19, Folder 1	Schuette, Oswald F., Letter pertaining to, 1936; press release; scrapbook entry on
Box 19, Folder 2	Scull
Box 19, Folder 3	Shoemaker, Harry, Litigation, scrapbook entry on
Box 19, Folder 4	Simon, Bill
Box 19, Folder 5	Slaby, A.
Box 19, Folder 6	Slingo, Herbert, Letter pertaining to, 1932
Box 19, Folder 7	Squier, George O., Abstract of lecture: "A Method of Transmitting the Telegraph Alphabet Applicable for Radio, Land Lines, and Submarine Cables", 1923; articles about
Box 19, Folder 8	Stacey, Francis S., Letters pertaining to, 1936; biographical article
Box 19, Folder 9	Steinberg, H.A, Biographical information, article
Box 19, Folder 10	Stone, Charles Pomeroy, Letter, 1944; articles
Box 19, Folder 11	Stone, Charles Pomeroy, Excerpts of diary entries
Box 19, Folder 12	Stone, John Stone, Correspondence relating to, undated and, 1943-1947
Box 19, Folder 13	Stone, John Stone, Correspondence, 1899-1940
Box 19, Folder 14	Stone, John Stone, Clark's writings and notes for his biography of Stone

Box 19, Folder 15	Stone, John Stone, Clark's writings and notes for his biography of Stone
Box 19, Folder 16	Stone, John Stone, Biographical notes and articles
Box 19, Folder 17	Stone, John Stone, Correspondence and memoranda with AT&T, undated
Box 19, Folder 18	Stone, John Stone, Correspondence with AT&T, 1920-1921 (includes blueprints and illustrations)
Box 19, Folder 19	Stone, John Stone, Correspondence and memoranda with AT&T, 1922-1923
Box 19, Folder 20	Stone, John Stone, Correspondence and memoranda with AT&T, 1924 (includes blueprints and drawings)
Box 20, Folder 1	Stone, John Stone, Correspondence and memoranda with AT&T, January - July, 1925 (includes blueprints and drawings)
Box 20, Folder 2	Stone, John Stone, Correspondence and memoranda with AT7T, August - December, 1925 (including drawings and blueprints)
Box 20, Folder 3	Stone, John Stone, Correspondence and memoranda with AT&T, 1926
Box 20, Folder 4	Stone, John Stone, Correspondence and memoranda with AT&T, 1927
Box 20, Folder 5	Stone, John Stone, Correspondence and memoranda with AT&T, 1928-1930
Box 20, Folder 6	Stone, John Stone, Correspondence and memoranda with AT&T, 1931
Box 20, Folder 7	Stone, John Stone, Writings: "Fading in Long Distance Short Wave Radio Transmission", 1929
Box 20, Folder 8	Stone, John Stone, Writings: "Report on High Frequency Transmission"
Box 20, Folder 9	Stone, John Stone, Bound memoranda from Stone to AT&T, 1929
Box 20, Folder 10	Stone, John Stone, Bound memoranda from Stone to AT&T, 1930
Box 21, Folder 1	Stone, John Stone, Bound memoranda from Stone to AT&T, 1931-1932
Box 21, Folder 2	Stone, John Stone, Bound memoranda from Stone to AT&T, 1931
Box 21, Folder 3	Stone, John Stone, Bound memoranda from Stone to AT&T, 1933-1934
Box 21, Folder 4	Stone, John Stone, Documents relating to his patents
Box 21, Folder 5	Stone, John Stone, Litigation documents

Box 21, Folder 6	Stone, John Stone, Litigation documents
Box 21, Folder 7	Stone, John Stone, Clippings and articles
Box 21, Folder 8	Stone, John Stone, Clippings, articles, printed material
Box 21, Folder 9	Stoner, Donald M., Litigation
Box 21, Folder 10	Stoup, Chalmer M., Biographical information, scrapbook entry on
Box 22, Folder 1	Stubblefield, Nathan, Letter pertaining to, 1935-1942
Box 22, Folder 2	Stubblefield, Nathan, Biographical information, articles
Box 22, Folder 3	Sweet, G.C., 1920
Box 22, Folder 4	Sweny, L.A., Biographical information

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Box 22, Folder 5	Taylor, A. Hoyt
Box 22, Folder 5	Teegarden, L.W.
Box 22, Folder 5	Terman, Frederick Emmons
Box 22, Folder 5	Thiessen, Arthur E.
Box 22, Folder 5	homas, H.D.
Box 22, Folder 5	Thomas, Samuel M.
Box 22, Folder 5	Thompson, Browder, J.
Box 22, Folder 5	Thompson, Clarence S.
Box 22, Folder 5	Thomson, J.J.
Box 22, Folder 5	Thomson, James S.
Box 22, Folder 5	Thorp, Robert Leslie
Box 22, Folder 5	Throckmorton, George K.
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Box 22, Folder 5	Tinsley, Bill
Box 22, Folder 5	Titterton, Lewis H.T.
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Box 22, Folder 5	Tosi
Box 22, Folder 5	Treffinger, George
Box 22, Folder 5	Treger, Henry
Box 22, Folder 5	Trowbridge, John
Box 22, Folder 5	Tschaeche, Walter F.
Box 22, Folder 5	Tuel, Austin Y.
Box 22, Folder 5	Turner, George S.
Box 22, Folder 5	Turner, Hubert Michael
Box 22, Folder 5	Tyrell, Alanson B.
Box 22, Folder 6	Taylor, C.H., 1941-1942
Box 22, Folder 7	Terrell, William Dandridge, Biographical information
Box 22, Folder 8	Tesla, Nicola, 1916, 1945
Box 22, Folder 9	Thomson, Elihu
Box 22, Folder 10	Tilley, Herbert B., Letter, 1938; article
Box 22, Folder 11	Trammell, Niles, Letter, 1936; press releases; biographical information; scrapbook entries on; articles
Box 22, Folder 12	Trogner, A.M, Letters, 1935; article
Box 22, Folder 13	Tucker, Glenn I., 1931-1934
Box 22, Folder 14	Tuska, C.D, Letter, 1939; biographical information; articles
Box 22, Folder 15	Tyne, G.F., 1943-1945
Box 22, Folder 16	Tyrell, Hobart S, Biographical writings

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Box 22, Folder 17	Van Dyck, Arthur
Box 22, Folder 17	Van Size, William B.
Box 22, Folder 17	Vassos, John
Box 22, Folder 17	Verman, Lal C.
Box 22, Folder 17	Vogel, Ernest H.
Box 22, Folder 17	von Handel, Paul F.
Box 22, Folder 17	Vyvyan, R.N.
Box 22, Folder 18	Van Der Bijl, Hendrik, Biographical writings and information
Box 22, Folder 19	Van Horn, J.C., Biographical information

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Box 22, Folder 20	Wagstaffe, W. de
Box 22, Folder 20	Wald, Jerry
Box 22, Folder 20	Walker, Frank
Box 22, Folder 20	Wakefield, Ray C.
Box 22, Folder 20	Walsh, Elese
Box 22, Folder 20	Waters, C.H.
Box 22, Folder 20	Wanselow, Ferd
Box 22, Folder 20	Ward, Donald
Box 22, Folder 20	Wardlow, H.V.
Box 22, Folder 20	Warman, Frank C.

Box 22, Folder 20	Warner, Ken
Box 22, Folder 20	Warren, Frank B.
Box 22, Folder 20	Watanabe, Yasusi
Box 22, Folder 20	Watson, Thomas A.
Box 22, Folder 20	Watson, William
Box 22, Folder 20	Watson-Watt, Robert
Box 22, Folder 20	Webster, Monroe
Box 22, Folder 20	Welker, Harry L.
Box 22, Folder 20	Wells, Linton
Box 22, Folder 20	Wendell, Edward N.
Box 22, Folder 20	Werckmeister, Karl
Box 22, Folder 20	Westbrook, C.R.
Box 22, Folder 20	Westinghouse, George
Box 22, Folder 20	Wheeler, J.K.
Box 22, Folder 20	White, Abraham
Box 22, Folder 20	White, J. Andrew
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Box 22, Folder 20	Whittemore, Laurens E.
Box 22, Folder 20	Wilcox, Harlow
Box 22, Folder 20	Wilhelm, F.
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Box 22, Folder 20	Wilson, John G.
Box 22, Folder 20	Wilson, Russell

Box 22, Folder 20	Wilson, Willard
Box 22, Folder 20	Wilson, William
Box 22, Folder 20	Winkler, J.H.
Box 22, Folder 20	Winner, Lewis
Box 22, Folder 20	Winner, Percy
Box 22, Folder 20	Wise, W. Howard
Box 22, Folder 20	Wolf, Benjamin
Box 22, Folder 20	Wood, Walter E.
Box 22, Folder 20	Woods, Mark
Box 22, Folder 20	Woodworth, G.K.
Box 22, Folder 20	Wright, R.B.
Box 22, Folder 20	Wyckoff, O.A.
Box 22, Folder 20	Wymore-Shiel, I.J.Article
Box 22, Folder 21	Wagoner, C.D., Writings
Box 22, Folder 22	Waller, Judith, Biographical information
Box 22, Folder 23	Wallace, Paul E., Legal document
Box 22, Folder 24	Wallis, Steve, Letters, undated and 1940-1941; articles
Box 22, Folder 25	Waterman, Frank N., Letter to, 1915
Box 22, Folder 26	Weagant, Roy A., Photograph
Box 22, Folder 27	Weagant, Roy A., List of patents
Box 22, Folder 28	Weagant, Roy A., Illustrations and writings on early inventions
Box 22, Folder 9	Weagant, Roy A., Biographical writings on
Box 22, Folder 30	Weagant, Roy A., Biographical writings on
Box 22, Folder 31	Weagant, Roy A., Correspondence,, 1905 to May 1918

Box 23, Folder 1	Weagant, Roy A., Correspondence, 1918 June -1918 July
Box 23, Folder 2	Weagant, Roy A., Correspondence, 1918 August - 1918 September
Box 23, Folder 3	Weagant, Roy A., Correspondence, , October - December, 1918
Box 23, Folder 4	Weagant, Roy A., Correspondence, January - February 1919
Box 23, Folder 5	Weagant, Roy A., Correspondence, March - April, 1919
Box 23, Folder 6	Weagant, Roy A., Correspondence, May - September, 1919
Box 23, Folder 7	Weagant, Roy A., Correspondence, October, 1919 - December, 1920
Box 23, Folder 8	Weagant, Roy A., Corrrespondence, 1921-1941
Box 23, Folder 9	Weagant, Roy A., Correspondence relating to, 1942-1944
Box 23, Folder 10	Weagant, Roy A., Writings on static elimination and reactions to it
Box 23, Folder 11	Weagant, Roy A., Writings
Box 23, Folder 12	Weagant, Roy A., Articles, clippings, printed material
Box 23, Folder 13	Weagant, Roy A., Transcript of an interview with Weagant
Box 23, Folder 14	Weagant, Roy A., Letters and information regarding Clark's biography of Weagant
Box 23, Folder 15	Weagant, Roy A., Litigation documents
Box 23, Folder 16	Weagant, Roy A., Miscellany
Box 23, Folder 17	Weaver, Charles J., Letters pertaining to, 1937; press release; biographical writings; printed material; articles
Box 23, Folder 18	Weinberger, Julius, Letter and biography, 1936
Box 23, Folder 19	Wescoe, M.L., Letter pertaining to, 1905
Box 23, Folder 20	Whelan, Orland, Biographical information
Box 23, Folder 21	Wilhelm, F.
Box 23, Folder 22	Willets, Gilson V., Letters, 1941-1946; articles
Box 23, Folder 23	Williams, Harry S., Excerpts of letter pertaining to, 1939

Box 23, Folder 24	Winterbottom, William Arthur, Biographical information, press release, articles, letter pertaining to
Box 23, Folder 25	Woolverton, Robert, Letters, 1942-1946; biographical writings; articles
Box 24, Folder 1	Wozencraft, Frank W., Biographical writings

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Box 24, Folder 2	Young, L.C.
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Box 24, Folder 3	Young, Albert, 1943
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Box 24, Folder 6	Zenneck, Jonathan, Letters, 1915-1947; articles
Box 24, Folder 7	Zubik, J.W., 1920
Box 24, Folder 8	Zworykin, Vladimir, Biographical writings, articles
Box 24, Folder 9	Articles on radio history, no author
Box 24, Folder 10	Article on electricity (missing first page), no author
Box 24, Folder 11	"Tactical Uses of Wireless Telegraphy", no author
Box 24, Folder 12	"The Background of Radio Development", no author
Box 24, Folder 13	Film script: "Principle and Operations of Wireless", no author
Box 24, Folder 14	"The Radio Industry", 1920, no author

Box 24, Folder 15	"Television Idea Not New", March 14, 1932, no author
Box 24, Folder 16	Debate on U.S. adoption of British system of radio control and operation, November 1, 1933
Box 24, Folder 17	Statement by Senator White at the hearing before the Committee on Interstate Commerce, U.S. Senate, March 11, 1932
Box 24, Folder 18	Fortune articles: "Radio I: A \$140,000,000 Art" and "Radio II: A \$45,000,000 Talent Bill", no author
Box 24, Folder 19	Correspondence, miscellaneous and unidentifiable
Box 24, Folder 20	Graphic record of reception, Lakewood & Belmar
Box 24, Folder 21	Miscellaneous and unidentifiable documents, 1919-09
Box 24, Folder 21	Organizations
Box 25, Folder 1	Navy radio ads
Box 25, Folder 2	List of names compiled by Clark for a possible book on radio engineers
Box 25, Folder 3	Institute of Radio Engineers
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Box 25, Folder 5	Veteran Wireless Operators Association
Box 25, Folder 6	Biographical entries from Who's Who in America
Box 25, Folder 7	Yearbook of Wireless Telegraphy and Telephony, 1913, 1913
Box 25, Folder 8	Biographical entries, 1914 Yearbook of Wireless Telegraphers
Box 25, Folder 9	R.C.A. employees, biographical information
Box 25, Folder 10	Federal Radio Commission
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Box 26, Folder 1	Book 1 – Biography 1-44
Box 26, Folder 2	Biography of Edwin J. Nally
Box 26, Folder 3	Biography: Life of John Stone Stone, by George Clark

Box 27, Folder 1	Book 2 – Biography 046-0249
Box 27, Folder 2	Book 3 – Biography 02500-400
Box 28, Folder 1	Book 22 – Life of John Stone Stone by Clark
Box 28, Folder 2	Biography of R.A. Weagant (photos)
Box 29, Folder 1	Book 17 – Biography of R.A. Weagant (photos) [2 copies]
Box 29, Folder 2	Book 25 – DeForest Diaries, abridged copy
Box 29, Folder 3	Biography of Marconi
Box 30, Folder 1	Clark's Memories of Work at Phone Telegraph, 1903-1908
Box 30, Folder 2	General Biography of Radio Engineers, especially Marconi
Box 30, Folder 3	Biography of Marconi – Marconi passes on #401
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Box 37, Folder 2-3	Correspondence, 1925-1931
Box 37, Folder 4	Correspondence, 1927-1929
Box 37, Folder 5	Correspondence, March, 1930
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Box 37, Folder 7	Correspondence, August-November, 1930
Box 37, Folder 8	Correspondence, December, 1930-September, 1931
Box 37, Folder 9-10	Correspondence, 1930-1931
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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
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Box 43, Folder 2	Correspondence, 12/1929-1/1930
Box 43, Folder 3	Correspondence, 10960
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Box 43, Folder 5	Correspondence, 11022
Box 43, Folder 6	Correspondence, 11118
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Box 44, Folder 6	Public Inquiries & Responses, January-May, 1928
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Box 45, Folder 1	TV Inquiries, 9/26/1928-12/31/1928
Box 45, Folder 2	TV Inquiries, 1/4/1929-2/27/1929
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Box 45, Folder 5	TV Inquiries, July-September 13, 1929
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Box 47, Folder 2-4	TV Releases, c.a. 1929
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Box 48, Folder 3	Correspondence, 1913
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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
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Box 50, Folder 4	Correspondence, September-October, 1919
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Box 50, Folder 7-9	Correspondence, Miscellaneous Orders and Telegrams, 1919
Box 51, Folder 1	Correspondence, January-March, 1920
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Box 52, Folder 2	Correspondence, 1920
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Box 52, Folder 5	Correspondence, April, 1921
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Box 53, Folder 6	Correspondence; Memos; & bills, 1922
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Box 54, Folder 5	Correspondence; Telegrams; & Radiograms, 1923

Box 54, Folder 6	Correspondence, 1924
Box 54, Folder 6	[Radiogram from S.S. Trimountain to Yokohama, Japan], 21 January 1924 1 Item (Ink on paper.; 7.1" x 8.7") Image(s) Image(s) Collector: Clark, George H. Language: English. Notes: AC0055-0000001-1.tif (AC Scan)
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
	[Charlie McCarthy, Edgar Bergen and David Sarnoff at Sarnoff's New York office, black-and-white photoprint.], undated 1 Item (7.9" x 9.9".) Collector: Clark, George H. Language: English. Notes: AC0055-0000038.tif (AC Scan) 87-9237 (SI neg number) Silver gelatin on paper. Black copy print notebook 2. Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

	Names: Bergen, Edgar McCarthy, Charlie Sarnoff, David, 1891-1971 Topic: Radio programs Genre/Form: Photographs 1930-1940 Black-and-white photoprints Silver gelatin
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 Amplfiers, 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 9	M.W.T Co. Research Department Report RDR 12-17: Radio Receiving Apparatus, 6/25/1919, 1919
Box 56, Folder 10	M.W.T Co. Forms, undated

Subseries 4.10: National Electric Signaling Company, 1896-1941

Scope and
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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.

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Box 57, Folder 2	Fessenden Correspondence, November-December, 1902
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Box 57, Folder 4	Fessenden Correspondence, July-December, 1903
Box 57, Folder 5	Fessenden Correspondence, 1904
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Box 57, Folder 7	Fessenden Correspondence, April-June, 1905

Box 57, Folder 8	Fessenden Correspondence, July-September, 1905
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Box 58, Folder 8	NESCO Correspondence, October, 1906
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Box 59, Folder 8	NESCO Correspondence, February-March, 1908
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Box 62, Folder 3	NESCO Correspondence, June 1-15, 1911

Box 62, Folder 4	NESCO Correspondence, June 16-30, 1911
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Box 75	Correspondence, 191 -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.
Box 75	Clay, F. W. H., NESCO patent attorney Forbes, E. D., NESCO chief engineer Herr, E. M., President, Westinghouse Electric & Manufacturing Hogan, John V. L., NESCO Chief O. I. E Kintner, Samuel M., NESCO General Manager and Receiver Krogen, F. H. Lee, J.W. Walker, Hay, NESCO president Wallis, A. F. Woodworth, E.B., Navy Dept., Bureau of Steam Engineering, U. S. Naval Radio Station, Arlington, Viginia.
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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

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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
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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 book 1	[Marconi plant, black-and-white photoprint.], Circa 1919 1 Item (Silver gelatin on paper.; 8.3" x 11.0".) Collector: Clark, George H. Language: English. Notes: AC0055-0000033.tif (AC Scan) Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves. Names: Marconi, Guglielmo, Marchese, 1874-1937 Topic: Factories Genre/Form: Photographs 1910-1920 Black-and-white photoprints Silver gelatin
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Box 122, Folder 1	pp. 307-440
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Box 125, Folder 3	Photographs of German equipment, undated
Box 125, Folder 4	British Broadcasting Co., incorporation 1922
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Box 125, Folder 6	RCA; Patent Office Record, 1940
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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 Telegraphica Argentina, undated

Series 5: History of Radio Companies, 1895-1950

Subseries 5.1: De Forest Radio Company, 1905-1930s

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Box 37, Folder 5	Correspondence, March, 1930
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Box 37, Folder 7	Correspondence, August-November, 1930
Box 37, Folder 8	Correspondence, December, 1930-September, 1931
Box 37, Folder 9-10	Correspondence, 1930-1931
Box 37, Folder 11	Correspondence, undated
Box 38, Folder 1	Scrapbook: "American DeForest Wireless Telegraph System;" DeForest Company Products [Litigation], 1905, 1915-1922 Notes: Oversize box
Box 39, Folder 1	Press Releases (including articles TV program schedules data regarding De Forest Short Wave receivers statements; and announcements), 1925-1929
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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 5.2: Jenkins Television Corporation, 1924-1931

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Box 41, Folder 2	Correspondence, 9/25-4/1926
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Box 41, Folder 4	Correspondence, 1-8/1927
Box 41, Folder 5	Correspondence, 9-12/1927
Box 41, Folder 6	Correspondence, 1-4/1928
Box 41, Folder 7	Correspondence, 5-9/1928
Box 41, Folder 8	Correspondence, 10/1928
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Box 41, Folder 10	Correspondence, 12/1928
Box 42, Folder 1	Correspondence, 1/1929
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Box 43, Folder 1	Correspondence, 1924-August, 1925
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Box 43, Folder 6	Correspondence, 6-9/1930
Box 43, Folder 7	Correspondence, 10-12/1930
Box 44, Folder 1	Correspondence, 1/5/31-3/31/31
Box 44, Folder 2	Correspondence, 4/1/31-5/29/31
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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
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Box 47, Folder 5	TV Releases, 1930-1931	

Subseries 5.3: Marconi Wireless Telegraph Company, 1908-1929

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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 48, Folder 7	Correspondence, April-August, 1915
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 48, Folder 8	Correspondence, September-December, 1915
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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 49, Folder 2	Correspondence, June-September, 1916
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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 49, Folder 4	Correspondence, assorted items, 1916
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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 49, Folder 6	Correspondence, June-December, 1917
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 49, Folder 7	Correspondence, assorted items 1917
Box 50, Folder 3 Correspondence, July-August, 1919 Box 50, Folder 4 Correspondence, September-October, 1919	Box 50, Folder 1	Correspondence, January-December, 1918
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	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 5	Correspondence, November, 1919
Box 50, Folder 6 Correspondence, December, 1919	Box 50, Folder 6	Correspondence, December, 1919

Box 50, Folder 7-9	Miscellaneous Orders and Telegrams, 1919
Box 51, Folder 1	Correspondence, January-March, 1920
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Box 52, Folder 6	Correspondence, May 1921
Box 52, Folder 7	Correspondence, June 1921
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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
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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
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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, 9/14/1919
Box 56, Folder 2	M.W.T Co. Research Reports: Telephone Microphones Report #2, 7/31/1918
Box 56, Folder 3	M.W.T Co. Research Reports: Paulsen Arch Generator Report RD#9, 7/30/1919
Box 56, Folder 4	M.W.T Co. Research Reports: Vacuum Tubes Report #7, 6/171919
Box 56, Folder 5	M.W.T Co. Research Reports: Bruce Recording System Information Bulletin #4, 5/23/1919
Box 56, Folder 6	M.W.T Co. Research Department Information Bulletins: #2 Flashlight Magneto, 3/18/1919

Scope and

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Box 58, Folder 1

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Box 56, Folder 6	M.W.T Co. Research Department Information Bulletins:#3 Radio Frequency, 8/3/1919
Box 56, Folder 6	M.W.T Co. Research Department Information Bulletins:#4 Oscillator, 11/16/1919
Box 56, Folder 6	M.W.T Co. Research Department Information Bulletins:#5 Resistance Amplfiers, 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, 5/17/1919
Box 56, Folder 9	M.W.T Co. Research Department Report RDR 12-17:Radio Receiving Apparatus, 6/25/1919
Box 56, Folder 10	M.W.T Co. Forms, undated

Subseries 5.4: National Electric Signaling Company, 1896-1941

,	s, the U. S. Navy and other correspondents. Also, contracts, laboratory reports and other y 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

Consists of correspondence to and from Fessenden and other NESCO employees with GE, patent

Fessenden Correspondence, December, 1905

NESCO Correspondence, March, 1906

NESCO Correspondence, January-February, 1906

Box 58, Folder 3	NESCO Correspondence, April, 1906
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Scope and Contents:

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Clay, F. W. H., NESCO patent attorney

Forbes, E. D., NESCO chief engineer

Herr, E. M., President, Westinghouse Electric & Manufacturing Hogan, John V. L., NESCO Chief O. I. E Kintner, Samuel M., NESCO General Manager and Receiver Krogen, F. H. Lee, J.W. Walker, Hay, NESCO president Wallis, A. F. Woodworth, E.B., Navy Dept., Bureau of Steam Engineering

U. S. Naval Radio Station, Arlington, Va.

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Box 119, Folder 1	RCA Materials, 1900s-1940s
Box 120, Folder 1	Formation of RCA, 1899-1921
Box 120, Folder 2	Twenty-five Yeaars of TSF, 1910-1935
Box 120, Folder 3	RCA Statements before FCC, 936
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, 1939
Box 121, Folder 2	"History of Specific (Radio) Companies" Scrapbook pp. 172-306, 1939
Box 122, Folder 1	"History of Specific (Radio) Companies" Scrapbookpp. 307-440, 1939
Box 122, Folder 2	"History of Specific (Radio) Companies" Scrapbook pp. 441-524, 1939
Box 123, Folder 1	"History of Specific (Radio) Companies" Scrapbook pp. 525-634, 1939
Box 123, Folder 2	"History of Specific (Radio) Companies" Scrapbook pp. 635-764, 1939
Box 124, Folder 1	"History of Specific (Radio) Companies" Scrapbook pp. 765-890, 1939

Box 124, Folder 2	"History of Specific (Radio) Companies" Scrapbook pp. 891-975, 1939
Box 125, Folder 1	"History of Wireless Stations" Scrapbook, 1906-1950
Box 125, Folder 2	Die Antenne (German), 1913
Box 125, Folder 3	Potographics of German Equipment, undated
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 5.8: Argentina Telegraph Company-International TransRadio, undated

Box 126A	Scrapbook of photographs: Trans Radio Internacional-Compania Telegraphica
	Argentina, undated

Series 6: Shore Stations, 1900-1940

Scope and Contents:

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 1	[Antenna tower, Chatham, Massachusetts, black-and-white photoprint.], undated 1 Item (Silver gelatin on paper.; 8.2" x 10.9".) Collector: Clark, George H. Language: English. Notes: AC0055-0000053.tif (AC Scan) Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves. Topic: Radio Antennas Genre/Form: Photographs 1930-1940 Black-and-white photoprints Silver gelatin
Box 133, Folder 1	[Condenser bank in the Marconi Wireless Telegraph Company of America H.P. Station in Marion, Massachusetts, black-and-white photoprint.], undated 1 Item (Silver gelatin on paper.; 6.6" x 8.6".) Collector: Clark, George H. Language: English. Notes: AC0055-0000114.tif (AC Scan) Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves. Topic: Telegraph, Wireless Genre/Form: Photographs 1930-1940 Black-and-white photoprints Silver gelatin
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 134, Item Blue Photo Album	Radio reception table, Belmar, [New Jersey], Radio Corporation of America, Engineering Department, [black-and-white photoprint.], undated 1 Item (Silver gelatin on paper.; 3.2" x 4.3".) Collector: Clark, George H. Language: English. Notes: AC0055-0000093.tif (AC Scan) 2002-5203 (SI neg number) Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves. Names: Radio Corporation of America. Topic: Radio Receivers and reception Genre/Form: Photographs 1920-1930 Black-and-white photoprints Silver gelatin
Box 134, Item Blue Photo Album	Landline switchboard, Belmar, [New Jersey], Radio Corporation of America, Engineering Department, [black-and-white photoprint.], undated

1 Item (Silver gelatin on paper.; 3.2" x 4.3".)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000094.tif (AC Scan) 2002-5202 (SI neg number)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Names: Radio Corporation of America.
Topic: Telephone switchboards

Genre/Form: Photographs -- 1920-1930 -- Black-and-white photoprints --

Silver gelatin

Box 134, Item Blue Photo Album

Landline table, Belmar, [New Jersey], Radio Corporation of America, Engineering Department, [black-and-white photoprint.], undated

1 Item (Silver gelatin on paper.; 3.4" x 4.5".)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000095.tif (AC Scan)

2002-5195 (SI neg number)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Names: Radio Corporation of America.
Topic: Telephone switchboards

Clerks

Genre/Form: Photographs -- 1920-1930 -- Black-and-white photoprints --

Silver gelatin

Box 134, Item Blue Photo Album Traffic room, Belmar, [New Jersey], Radio Corporation of America, Engineering Department, [black-and-white photoprint.], undated

1 Item (Silver gelatin on paper.; 3.1" x 4.3".)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000096.tif (AC Scan)

2002-5201 (SI neg number)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Names: Radio Corporation of America.
Topic: Telephone switchboards

Clerks

Genre/Form: Photographs -- 1920-1930 -- Black-and-white photoprints --

Silver gelatin

Box 134, Item Blue Photo Album Radio receiver shelves, Belmar, [New Jersey], Radio Corporation of America, Engineering Department, [black-and-white photoprint.], undated

1 Item (Silver gelatin on paper.; 3.2" x 4.3".)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000097.tif (AC Scan)

2002-5200 (SI neg number)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Names: Radio Corporation of America.
Topic: Radio -- Receivers and reception

Genre/Form: Photographs -- 1920-1930 -- Black-and-white photoprints --

Silver gelatin

Box 134, Item Blue Photo Album

Small storage battery room, Belmar, [New Jersey], Radio Corporation of America, Engineering Department, [black-and-white photoprint,], undated

1 Item (Silver gelatin on paper.; 3.2" x 4.3".)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000098.tif (AC Scan)

2002-5199 (SI neg number)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Names: Radio Corporation of America.

Topic: Electric batteries

Genre/Form: Photographs -- 1920-1930 -- Black-and-white photoprints --

Silver gelatin

Box 134, Item Blue Photo Album

Receiving sets on shelves, Belmar, [New Jersey], Radio Corporation of America, Engineering Department, [black-and-white photoprint.], undated

1 Item (Silver gelatin on paper.; 3.2" x 4.2".)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000099.tif (AC Scan)

2002-5198 (SI neg number)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Names: Radio Corporation of America.

Topic: Radio -- Receivers and reception

Genre/Form: Photographs -- 1920-1930 -- Black-and-white photoprints --

Silver gelatin

Box 134, Item Blue Photo Album

Duplex relay shelf, Belmar, [New Jersey], Radio Corporation of America, Engineering Department, [black-and-white photoprint.], undated

1 Item (Silver gelatin on paper.; 3.2" x 4.3".)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000100.tif (AC Scan)

2002-5197 (SI neg number)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Names: Radio Corporation of America.

Topic: Radio -- Receivers and reception

Genre/Form: Photographs -- 1920-1930 -- Black-and-white photoprints --

Silver gelatin

Box 134, Item Blue Photo Album

Battery charging panel, Belmar, [New Jersey], Radio Corporation of America,

Engineering Department, [black-and-white photoprint.], undated

1 Item (Silver gelatin on paper.; 3.3" x 4.3".)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000101.tif (AC Scan)

2002-5196 (SI neg number)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Names: Radio Corporation of America.

Topic: Electric batteries

Genre/Form: Photographs -- 1920-1930 -- Black-and-white photoprints --

Silver gelatin

Box 135, Folder 1

Shore Stations Radioana Book 3, 1900-1920

Box 135, Folder 1

[Control room of Marconi Wireless Telegraph Company of American station,

Chatham, Massachusetts, black-and-white photoprint.], 1929

1 Item (Silver gelatin on paper.; 6.2" x 9.1".)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000055.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Shows cluttered desks with typewritters.

Topic: Telegraph, Wireless

Genre/Form: Photographs -- 1930-1940 -- Black-and-white photoprints --

Silver gelatin

Box 135, Folder 1

[Office of receiving station of Marconi Wireless Telegraph Company of

American station, Chatham, Massachusetts, black-and-white photoprint.], 1930

1 Item (Silver gelatin on paper.; 6.0" x 8.7".)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000056.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Shows man working at a typewritter.

Topic: Telegraph, Wireless

Genre/Form: Photographs -- 1930-1940 -- Black-and-white photoprints --

Silver gelatin

Box 135, Folder 1

[Operating building of Marconi Wireless Telegraph Company of American

station, Chatham, Massachusetts, black-and-white photoprint.], 1929

1 Item (Silver gelatin on paper.; 6.2" x 9.2".)

Collector: Clark, George H.

Language: Notes:	English. AC0055-0000057.tif (AC Scan)
	Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.
Topic:	Telegraph, Wireless
Genre/Form:	Photographs 1930-1940 Black-and-white photoprints

n: Photographs -- ′ Silver gelatin

Box 135, Folder 1 [400 foot steel antenna mast for the Marconi Wireless Telegraph Company of

American station, Chatham, Massachusetts, black-and-white photoprint.], 1929

1 Item (Silver gelatin on paper.; 9.0" x 6.1".)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000058.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Topic: Telegraph, Wireless

Genre/Form: Photographs -- 1930-1940 -- Black-and-white photoprints --

Silver gelatin

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

Scope and Contents:

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

Scope and Contents:

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

Scope and Contents:

Series 9 contains articles from Radio News, Radio Condenser, and QST, a magazine devoted exclusively to the wireless amateur; a book, Practical Wireless Amateur Stations; news clippings; photographic illustrations of amateur stations and "set-ups"; and a radiogram to Clark, 1933. Lists

of stations are in Series 109.

Box 139, Folder 3 Amateur Stations, 1910s-1940s

Series 10: Miscellaneous Information, 1911-1919

Scope and Contents:

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

Scope and Series 11 includes Wireless Age, 1920 -1924, Volumes 8 & 11; Shuart, G. W., Radio Amateur Contents: Course, 1938; and Grainger, J., Amateur Radio, 1922.

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

Scope and Contents:

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

Scope and Contents:

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

Scope and Contents:

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

Scope and Contents:

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

Scope and Contents:

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

Scope and Contents:

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

Scope and Contents:

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

Scope and Contents:

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

Scope and Contents:

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

Scope and Contents:

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

Scope and Contents:

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

Scope and Contents:

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

Transformers, 1893-1921

Scope and Contents:

Box 165, Folder 3

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").

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Box 165, Folder 4 Transformers, 1911-1936

Series 26: Operating Keys, 1843-1949

Scope and Contents:

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

Scope and Series 27 contains advertisements; articles; correspondence, 1909 and 1941; descriptions; Contents: 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

Scope and Series 28 contains advertisements; articles; blueprints; booklets; correspondence, 1915-1917;

Contents: 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

Scope and Contents:

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

Scope and Contents:

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. Depostions, 1912-1920
Box 173, Folder 4	Dubilier vs. WSA Co. Depostions, 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
Box 175, Folder 2	Correspondence: Leeds Northrop, Co., 1914-1920
Box 175, Folder 3	Notes on Manufacture, 1906-1928
Box 176, Folder 1	Technical Notes, 1898-1926
Box 176, Folder 2	Priess vs. Dubilier (testimony), 1930
Box 176, Folder 3	Technical Notes, 1911-1925
Box 176, Folder 4	U.S. Navy, 1908-1929
Box 177, Folder 1	WSA Co. Correspondence, 1906-1928
Box 177, Folder 2	WSA Co. Drawings, 1917
Box 177, Folder 3	WSA Co U.S. Navy, 1906-1925
Box 177, Folder 4	Notes on Manufacture, 1913-1942
Box 178, Folder 1	Dubilier Patents, 1916-1920
Box 178, Folder 2	Brochures, Correspondence, 1910-1942
Box 178, Folder 3	Patents, 1871-1922
Box 178, Folder 4	Patents, 1874-1908
Box 179, Folder 1	Patents, 1909-1919
Box 179, Folder 2	Patents, 1919-1924
Box 179, Folder 3	Patents, 1922-1930
Box 180, Folder 1	Patents, 1924-1925
Box 180, Folder 2	Patents, 1925-1926
Box 180, Folder 3	Patents, 1926

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Box 181, Folder 1	Patents, 1927
Box 181, Folder 2	Patents, 1928
DOX TOT, TOIGET 2	raterio, 1920
Box 182, Folder 1	Patents, 1929
Box 182, Folder 2	Patents (from Philip Farnsworth estate), 1871-1909
Box 182, Folder 3	Patents (from Philip Farnsworth estate), 1910-1921
Doy 192 Folder 1	Detents (from Philip Forneworth setate) 1022 1026
Box 183, Folder 1	Patents (from Philip Farnsworth estate), 1922-1926
Box 183, Folder 2	Patents (from Philip Farnsworth estate), 1927-1929
	(
Box 183, Folder 3	Technical Correspondence: Farmouth, Kessler, & Cram, 1918-1920
Box 184, Folder 1	Transmitter Condensers, Book 1 and Book 2, undated

Series 32: Spark Gaps, 1899-1943

Scope and Contents:

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
Map-folder 1	Spark Gap Transmitters & Crystal Receivers, undated
Map-folder 2	Miscellaneous blueprints, undated

Series 33: Transmitter Inductances, 1907-1922

Scope and Contents:

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

Scope and Contents:

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

Scope and Contents:

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

Scope and Contents:

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

Scope and Contents:

Series 39 consists of advertisements; correspondence (Fessenden, I900-09; NESCO, I909-I7; Clark, I937-40); data files on Alexanderson's Alternator and Goldschmidt's relection-type radio-frequency alternator; descriptive specification for Standard Signal generator type TMVI8; 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

Scope and Contents:

Series 41 contains advertisements; booklets; correspondence, I9I9-I940; 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

Scope and Contents:

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

Scope and Contents:

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

[Aeriola Jr. radio receiver, advertisement], Circa 1920

1 Item (Ink on paper.; 6.6" x 7.6")

Advertiser: Radio Corporation of America.

Language: English.

Notes: AC0055-0000003.tif (AC Scan)

In box 426, folder 2.

Radio made by Westinghouse.

Names: Westinghouse Electric & Manufacturing Company

Radio Corporation of America.

Topic: Radio -- advertising -- 1920-1930

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

Scope and Contents:

Series 47 contains articles; blueprints; bulletins; charts; correspondence; diagrams; graphs; illustrations; news clippings; periodical clippings; photographs; Radio Data Book, I907; 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

Scope and Contents:

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

Scope and Contents:

Series 49 contains advertisements; articles; a bid invoice; blueprints; booklets; bulletins, specifications; correspondence, I905-I920 & I942; 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).

	is. (bux #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 221, Folder 1	Brandes Headset advertising material: posters, brochures (oversize), undated
Box 221, Folder 1	Slaby Arco receiver, interior / U S Navy [sic] / 1903 [cyanotype], 1903 1 Item (Paper; 7.4" x 10.5") Collector: Clark, George H. Language: English. Notes: AC0055-0000031.tif (AC Scan) Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves. Made for the U.S. Navy. No. 1136 in image area, SRM 46 110 in ink in bottom margin. Receiver made in Berlin. Topic: Radio Receivers and reception Genre/Form: Cyanotypes Photographs 1900-1910 Cyanotypes
Box 221, Folder 2	Valve tuner. With Fleming valves / Marconi W T Co. of America / About 1912 [typed on mount] [lack and white photoprint], Circa 1912 1 Item (Silver gelatin on paper; mounted on paper.; 7.0" x 11.0") Collector: Clark, George H. Language: English. Notes: AC0055-0000032.tif (AC Scan) Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves. Tuner made by the Marconi Wireless Telegraph Company of America. In ink at bottom of mount: SRM 46 208. "Photo to / G H Clark / from Geo. / Hayes" in ink on mount. Names: Marconi Wireless Telegraph Company of America Topic: Radio Receivers and reception

Genre/Form: Photographs -- 1910-1920 -- Black-and-white photoprints --

Silver gelatin

Series 50: Detectors, 1878-1944

Scope and Contents:

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 contains 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	Detectors, Book 2, undated

Box 228

Detectors, Book 3, undated

Series 51: Amplifiers, 1903-1949

Scope and Contents:

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 Exchecquer 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

Scope and Contents:

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 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
Box 239, Folder 3	Grogan Notes, undated

Series 53: Television Receivers, 1928-1948

Scope and Contents:

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

Scope and Contents:

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

Scope and Contents:

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

Scope and Contents:

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

Scope and Contents:

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

Scope and Contents:

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

Scope and Contents:

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

Scope and Contents:

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

Scope and Contents:

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

Series 67: Telautomatics, 1912-1944

Scope and Series 67 contains advertisements; articles; a cartoon; clippings; correspondence, 1904, 1910, Contents: 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

Scope and Contents:

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

Scope and Contents:

Series 71 contains abstracts; articles; blueprints; aircraft circuit diagrams; booklets; specification catalogues and manuals; company memoranda; correspondence, 1917; histories; illustrations; newsclippings; 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

Scope and Contents:

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, 2	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

Scope and Contents:

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

Scope and Contents:

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

Scope and Contents:

Series 75 contains advertisements; articles; blueprints of apparatus; booklets; charts; coordination paper; correspondence, 19II-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

Scope and Contents:

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

Scope and Contents:

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

Scope and Contents:

Series 78 contains abstracts of contracts; blueprints; correspondence, 1909-192l; 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

Scope and Contents:

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

Scope and Contents:

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

Scope and Contents:

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

Scope and Contents:

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

Scope and Contents:

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

Scope and Contents:

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

Scope and Contents:

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

Scope and 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.

Contents. Cladwel	rand Gordon Nugent, 1941 (Box 991), and speceries 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

Scope and Series 96 contains abstracts of speeches; articles; booklets; brochures; correspondence, Contents: 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

Scope and Contents:

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

Scope and Series 99 contains abstracts; articles; booklets; correspondence, 1914-1919; 1930-1943; Contents: 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

Scope and Contents:

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

Scope and Contents:

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

Scope and Contents:

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

Scope and Contents:

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

Scope and Contents:

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

Scope and Contents:

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

Scope and Contents:

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.

Box 307, Folder 1	Radio Shows, 1922-1926
Box 307, Folder 2	Radio Shows, 1923-1926
Box 308, Folder 1	Radio Shows, 1923-1926
Box 308, Folder 2	Radio Shows, 1928-1939
Box 308, Folder 3	Radio Shows, January-June 1924
Box 308, Folder 4	Radio Shows, July-December 1924
Box 309, Folder 1	Radio Shows, July-December 1925
Box 309, Folder 2	Radio Shows, February-May 1928
Box 309, Folder 3	Plans for World's Fair (bound), 1933
Box 309, Folder 4	Radio shows, 1922-1928
Box 310, Folder 1	Radio shows, 1923-1929
Box 310, Folder 2	Radio shows, 1923-1935
Box 310, Folder 3	Radio shows, 1924-1935
Box 311, Folder 1	Radio shows, 1926-1929
Box 311, Folder 2	Radio shows, 1928-1940
Box 311, Folder 3	Radio shows, 1929-1947
Box 312, Folder 1	Radio shows, 1930-1933
Box 312, Folder 2	Chicago World's Fair, 1931-1933
Box 313, Folder 1	Photos of displays, undated
Box 313, Folder 1	[Radio Corrporation of America (RCA) booth at the Bamberger Radio Exhibition, black & white photoprint], Circa 1920-1930

1 Item (Silver gelatin on paper.; 7.5" x 9.5") Photographer: Knight, Thomas Coke

Language: English.

Notes: AC0055-0000004.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Names: Radio Corporation of America.

Topic: Radio

Box 313, Folder 1 The RCA Line, [black & white photoprint], Circa 1920-1930

1 Item (Silver gelatin on paper.; 7.4" x 9.0")

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000005.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Display of RCA radios. Photograph by Crossman.

Names: Radio Corporation of America.

Topic: Radio

[De Forest Exhibit at the St Louis Exposition, black-and-white photoprint.], undated

1 Item (8.7" x 7.1".)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000103.tif (AC Scan)

90-10146 (SI neg number) Silver gelatin on paper.

In black copy print notebook 3

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Wireless Auto No.1 sits in the center of the exhibit.

Names: Louisiana Purchase Exposition (1904: Saint Louis, Mo.)

Topic: Automobiles

Genre/Form: Photographs -- 1920-1930 -- Black-and-white photoprints --

Silver gelatin

Box 313, Folder 2 Photos of displays, 1924-1928

Box 313, Folder 3 Photos of displays, 1927-1935

Series 114: Centralized Radio Systems, 1929-1935

Scope and Contents:

Series 114 contains advertisements; articles; booklets; brochures; bulletins of apparatus; interdepartmental correspondence, 1929; descriptive bulletins; descriptions; disgrams; 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: United States Government Activities in Radio, 1906-1949

Scope and Contents:

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

Scope and Contents:

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

Scope and Contents:

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	Dublier 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 Vrecland 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
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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
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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
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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
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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
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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
Box 329, Folder 1	Dublier Condenser Corp vs. Wireless Specialty Apparatus Co., 1913-1916
Box 329, Folder 2	Dubilier Condenser Corp vs. RCA, 1921-1926
Box 329, Folder 3	Dubilier Condenser Corp vs. RCA Vol III, 1922
Box 329, Folder 4	Dubilier Condenser Corp vs. RCA Vol IV, 1926
Box 329, Folder 5	Dublier Condenser Corp vs. Baltimore Gas Light, 1921-1934
Box 330, Folder 1	RCA vs. McKay: Defendant's Exhibits Vol I, 1913-1931
Box 330, Folder 2	RCA vs. McKay: Plaintiff's Exhibits, 1923-1931
Box 331, Folder 1-2	NESCO vs. Marconi, 1914
Box 331, Folder 3	U. S. Patent Office: Lowell and Dunmore, 1918-1929
Box 331, Folder 4	Misc. patent material, 1922-1968

Series 121: Legislation, 1909-1940

Scope and Contents:

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

Scope and Series 122 contains materials relating to the history of Radio Clubs between 1907 and 1946. Contents:

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
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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 Applicatioons of Radio Frequency, 1924-1949

Scope and Contents:

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

Scope and Contents:

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: Radio Patents and Patent Practices, 1861-1949

Scope and Contents:

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).

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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, January-October 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
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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
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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
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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
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Box 349, Folder 1	1314593-1329283, September 1919-January 1920
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Box 351, Folder 1	1402235-1410890, January-March 1922
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Box 352, Folder 1	1440432-1450080, January-March 1923
Box 352, Folder 2	1450265-1463475, April-July 1923
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Box 353, Folder 1	1472822-1485352, November 1923-February 1924
Box 353, Folder 2	1485485-1495616, March-May 1924
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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
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Box 356, Folder 1	1568065-1574715, January-February 1926
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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
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Box 364, Folder 1	1715395-1718849, June 1929
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Box 366, Folder 1	1749042-1752228, March 1930
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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
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Box 368, Folder 1	1780167-1787300, November-December 1930
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Box 368, Folder 3	1790646-1795411, February-March 1931
Box 369, Folder 1	1811095-2326836, June 1931-Aug 1943
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Box 370, Folder 2	Patent Practices, 1899-1926
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Box 371, Folder 1	Patent Practices, 1903-1927
Box 372, Folder 1	Langmuir Patent, Canadian Exchequer Court, January 17, 1927
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Box 372, Folder 3	Langmuir Patent, Canadian Exchequer Court, January 21, 1927
Box 372, Folder 4	Langmuir Patent, Canadian Exchequer Court, January 24, 1927
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Box 372, Folder 6	Langmuir Patent, Canadian Exchequer Court, January 26-27, 1927
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Box 373, Folder 1	Patents #125-236A-259A, 1901-1932
Box 373, Folder 2	#125-260A-289A, 1918-1922
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Box 373, Folder 4	#125-298A-309A, 1900-1922
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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
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Box 375, Folder 4	Patent Extracts of E.R. Johnson by G.H. Clark, 1900

Series 126: Phonographs, 1894-1949

Scope and Contents:

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).

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Box 376, Folder 52	Columbia Phonographs, 1917
Box 376, Folder 53	Columbia Phonographs, 1918
Box 376, Folder 54	Columbia Phonographs, 1919
Box 376, Folder 55	Columbia Phonographs, 1920

Series 127: Piezo Electric Effect, 1914-1947

Scope and Series 127 contains articles; booklets; correspondence, 1914-1916, 1918, 1922, 1924, 1931, 1935; Contents:

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

Scope and Contents:

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

Scope and Contents:

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

Scope and Contents:

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

Scope and Contents:

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

Scope and Series 133 contains advertisements; articles; booklets; correspondence, 1923, 1924, 1926, 1929, Contents:

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

Scope and Contents:

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 1	[Applause Cards, postcard], 1923-1924 1 Item (Ink on paper.; 8.0" x 6.0".) Collector: Clark, George H. Language: English. Notes: AC0055-0000039.tif (AC Scan) Topic: Radio audiences Radio programs Rating
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

Scope and Contents:

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		
Box 385, Folder ?	[Transoceanic] Cable Communications of the World, [map.], 2 July 1909 1 Item (Ink on paper; 8.4" x 10.9") Collector: Clark, George H. Language: English. Notes: AC0055-0000061.tif (AC Scan) Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves. Printed in The Electrician Topic: Cable stations Genre/Form: Maps		

Series 136: History of Amateur Radio, 1906-1947

Scope and Series 136 contains booklets; bulletins; correspondence, 1932, 1933, 1934, 1938, 1941 & 1943;

Contents: memoranda; news clippings; news releases; notes; a photograph and reports.

Box 385, Folder 2 Amateur Radio, 1906-1947

Series 138: Tranoceanic Communication, 1915-1943

Scope and Series 138 contains booklets; correspondence, 1924, 1931 & 1935; maps; news clipping; notes;

Contents: periodical clippings; photographs and reports.

Box 385, Folder 3 Transoceanic Communication, 1915-1943

Series 139: Television Transmitting Stations, 1926-1944

Scope and This series contains booklets; a bulletin; correspondence, 1929-1931; "Applicants Description of

Contents: Apparatus"; news clippings; notes; periodical clippings; photographs; and reports.

Box 385, Folder 4 TV Stations, 1926-1944

Series 140: Radio Theory, 1902-1946

Scope and Contents:

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

Scope and Contents:

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

Scope and Series 143 consists of photographs of people seen and heard on Jenkins Television Station W2XCR Contents: 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

Scope and Contents:

Series 144 contains correspondence, 1914, 1923, 1930, 1932, & 1938; memoranda; news clippings, including a scrapbook on Orson Wells'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

Scope and Series 145 contains Minutes of Radio Societies and booklets; journals; a yearbook, and a trade

Contents: directory.

Box 391, Folder 3 Proceedings, 1910-1948

Series 146: Radio Museums, 1922-1947

Scope and Series 146 contains booklets; catalogues; correspondence, 1922, 1929-39, 1945 & 1946; Contents: 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

Scope and Contents:

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.

Chronolgically listed.

Box 394, Folder 1 Bibliographies, 1910-1946

Series 148: Aircraft Guidance Apparatus, 1919-1948

Scope and Contents:

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

Scope and Contents:

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

photographs and reports.

Box 395, Folder 1

Audio Frequency, 1906-1939

Series 151: History of Radio for Aircraft, 1907-1948

Scope and Contents:

This series contains booklets; charts; correspondence 1916, 1917, 1923, 1928, 1929, 1932, 1935, 1940 and 1945; diagrams; graphs; instructions; memoranda; news clipings; 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

Scope and This series contains articles; blueprints; booklets; extracts from briefs; correspondence 1906, Contents: 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

Scope and Contents:

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

Scope and Contents:

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

Scope and Contents:

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

Scope and Contents:

This series contains advertisements; articles; correspondence: 1929, 1931, 1935; illustrations; instructions; instruction books; memoranda; news clippings; news releases; pamphlets; periodicial

clippings; photographs; sales bulletins; sales releases and sales literature.

Box 399, Folder 1 Police Radio, 1922-1940

Series 169: Cartoons, 1916-1949

Scope and Contents:

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, 1923-1947 Box 400, Folder 2 Mr. Jones of NBC to see Mr. Wilmott, with 3,500,000 MORE radio families. [cartoon], August 1939 1 Item (Ink on paper.; 8.6" x 7.3".) Collector: Clark, George H. Language: English. Notes: AC0055-0000040.tif (AC Scan) Names: National Broadcasting Company Topic: Radio audiences Genre/Form: Cartoons (humorous images)

Series 173: Communications, Exclusive of Radio (after 1895), 1895-1949

Scope and This series contains an affadavit; articles; booklets; correspondence: 1899, 1901, 1922, 1941, 1942;

Contents: 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

Scope and This series concerning television methods and systems contains articles; booklets; news clippings;

Contents: notes; pamphlets; periodical clippings; and photographs.

Box 401, Folder 2 Television, 1928-1944

Series 182: Military Portable Sets, 1905-1939

Scope and Contents: 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

Scope and See also Series 169, Cartoons, 1916-1949. Contents:

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

Scope and This series contains booklets; correspondence 1920, 1924, 1926-1928, 1932, 1936, 1941; news Contents: 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

Scope and This series contains articles; booklets; correspondence, 1922; news clippings; and periodical

Contents: clippings.

Box 403, Folder 3 Radar, 1900-1949

Series 233: Television Transmitters, 1900-1932

Scope and This series contains blueprints; correspondence, 1930-1932; diagrams; and illustrations related to

Contents: television transmitters.

Box 404, Folder 1 Television Transmitters, 1900-1932

Series A: Thomas Coke KnightT RCA Photographs, circa 1902-1950

Scope and

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

Contents:

Subseries 1.1: Wireless

Cabociles 1.1. Wileie	55		
Box 405, Folder 1	Nathan Stubblefield Notes: Green numbers on photoprints: 1-14		
Box 405, Folder 2	Early Marconi apparatus, tests and stations Notes: Green numbers on photoprints: 15-85		
Box 405, Folder 2		estation, black-and-white photoprint.], 1905 gelatin on paper.; 6.0" x 9.7".) Clark, George H. English. AC0055-0000043.tif (AC Scan) Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves. Radio stations Photographs 1930-1940 Black-and-white photoprints Silver gelatin	
Box 405, Folder 2	white photoprin	rconi and six other men at Wellfleet radio station, black-and- nt.], undated gelatin on paper.; 5.7" x 7.0".) Clark, George H. English. AC0055-0000044.tif (AC Scan) Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves. Marconi, Guglielmo, Marchese, 1874-1937 Radio stations Photographs 1930-1940 Black-and-white photoprints Silver gelatin	
Box 405, Folder 3		een numbers on photoprints: 86-143	
Box 405, Folder 3	black & white p	ent drawing and object for Lee DeForest's wireless telegraphy, photoprint], undated gelatin on paper.; 9.5" x 7.6".) Clark, George H. English.	

Notes:

AC0055-0000020.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Patent application filed 27 August 1906.

Names: De Forest, Lee, 1873-1961 Topic: Telegraph, Wireless

Genre/Form: Patent applications

Box 405, Folder 4 Crystal sets

Notes: Green numbers on photoprints: 144-172

Box 405, Folder 5 Weagant apparatus

Notes: Green numbers on photoprints: 173-176

Box 405, Folder 6 Fessenden apparatus and stations

Notes: Green numbers on photoprints: 177-184

Box 405, Folder 7 Wavemeters

Notes: Green numbers on photoprints: 185-190

Box 405, Folder 8 Wireless aboard ship to 1910

Notes: Green numbers on photoprints: 191-201

Box 405, Folder 9 Radio aboard ship, 1910-1920

Notes: Green numbers on photoprints: 202-221

Box 406, Folder 1 Navy Apparatus

Notes: Green numbers on photoprints: 222-292

Box 406, Folder 2 Alternator

Notes: Green numbers on photoprints: 293-298

Box 406, Folder 2 [Siasconset, Massachusetts radio station, black-and-white photoprint.], undated

1 Item (Silver gelatin on paper.; 4.8" x 8.5".)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000045.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Topic: Radio stations

Genre/Form: Photographs -- 1930-1940 -- Black-and-white photoprints --

Silver gelatin

Box 406, Folder 2 [Siasconset, Massachusetts radio station, black-and-white photoprint.], undated

1 Item (Silver gelatin on paper.; 7.6" x 9.6".)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000046.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Topic: Radio stations

Genre/Form: Photographs -- 1930-1940 -- Black-and-white photoprints --

Silver gelatin

Box 406, Folder 3 **Motor Generator** Notes: Green numbers on photoprints: 299-302 Box 406, Folder 4 Marconi Co., plants and apparatus, 1915-1920 Notes: Green numbers on photoprints: 303-322 Box 406, Folder 5 negatives (1) Green numbers on photoprints: 236;238-241; 287; 292; 297 & 298 Notes: Box 406, Folder 6 negatives (2) Green numbers on photoprints: 303-315 Notes:

Subseries 1.2: Early Radio

Box 406, Folder 7	Radiotelephone Tests Notes: Green numbers on photoprints: 323-326A
Box 406, Folder 8	Early radio, miscellaneous Notes: Green numbers on photoprints: 327-351
Box 407, Folder 1	Amateur radio operators Notes: Green numbers on photoprints: 352-379 neg #s: 355, 360, 364, 366, 367, 368
Box 407, Folder 2	Radio compass Notes: Green numbers on photoprints: 380-401A
Box 407, Folder 3	Radio aboard ship, shipboard wireless operating rooms, 1920 and later Notes: Green numbers on photoprints: 402-473
Box 407, Folder 4	Radio schools Notes: Green numbers on photoprints: 474-504
Box 407, Folder 5	Early broadcasts Notes: Green numbers on photoprints: 505-514
Box 407, Folder 6	Short wave beam system (Marconi) Notes: Green numbers on photoprints: 515-519
Box 407, Folder 7	Short wave apparatus Notes: Green numbers on photoprints: 520-540
Box 408, Folder 1	Phonographs Notes: Green numbers on photoprints: 541-605

Box 408, Folder 2 Marine Transmitters

Notes: Green numbers on photoprints: 606-612 Neg #s: 613 & 614

Subseries 1.3: Broadcasting

Box 408, Folder 3 RCA Messengers

Notes: Green numbers on photoprints: 615-626

Box 408, Folder 3 [Large group of messengers, black & white photoprint], [circa 1920-1930]

1 Item (Silver gelatin on paper.; 7.2" x 9.3.)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000014.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves. Posed in front of Radio Corporation of America (RCA) World

Wide Wireless entrance.

Names: Radio Corporation of America.

Topic: Messengers

Box 408, Folder 3 [Messenger boy receiving an RCA radiogram from clerk for delivery, black &

white photoprint], [circa 1920-1930]

1 Item (Silver gelatin on paper.; 9.7" x 7.6.)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000015.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

At Broad Street, New York City.

Names: Radio Corporation of America.

Topic: Messengers

Box 408, Folder 4 KDKA

Notes: Green numbers on photoprints: 627-641

Box 408, Folder 4 [Radio Statio KDKA, black & white photoprint], November 1920

1 Item (Silver gelatin on paper.; 8.5" x 10.9")

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000006.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Wireless room on roof of "K" building East Pittsburg.

Topic: Radio stations

Box 408, Folder 4 [Wireless room on roof of KDKA building, East Pittsburgh, Pennsylvania, black

& white photoprint], November 1920

1 Item (Silver gelatin on paper.; 8.4" x 10.9".)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000016.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Topic: Radio broadcasting

Box 408, Folder 5 Broadcasting studios

Notes: Green numbers on photoprints: 642-692

Box 408, Folder 5 [Man speaking or singing to microphone in radio studio while another man

watches, black-and-white photoprint.], undated 1 Item (Silver gelatin on paper.; 7.5" x 9.2".)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000062.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Topic: Radio broadcasting

Genre/Form: Photographs -- 1920-1930 -- Black-and-white photoprints --

Silver gelatin

Box 408, Folder 5 [Music director Rosario Bourdon conducting Victor Symphony Orchestra, black-

and-white photoprint.], undated

1 Item (Silver gelatin on paper.; 7.3" x 9.3".)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000108.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Stroh violin in right foreground

Topic: Radio broadcasting

Orchestra

Genre/Form: Photographs -- 1920-1930 -- Black-and-white photoprints --

Silver gelatin

Box 408, Folder 6 WJZ Control Room, New York

Notes: Green numbers on photoprints: 693-696

Box 408, Folder 7 Aeolian Building

Notes: Green numbers on photoprints: 697-728

Box 409, Folder 1 Bound Brook, New Jersey

Notes: Green numbers on photoprints: 729-794

Box 409, Folder 2 66 Broad St., New York

Notes: Green numbers on photoprints: 795-828

Box 409, Folder 3	WGY, Schenectady, New York Notes: Green numbers on photoprints: 830-848
Box 409, Folder 4	Miscellaneous broadcasting stations Notes: Green numbers on photoprints: 849-858
Box 409, Folder 5	Control rooms Notes: Green numbers on photoprints: 859-879
Box 409, Folder 6	Sound effects Notes: Green numbers on photoprints: 880-884
Box 409, Folder 7	Microphones Notes: Green numbers on photoprints: 885-899
Box 410, Folder 1	Transmitting apparatus Notes: Green numbers on photoprints: 900-946
Box 410, Folder 2	Panels Notes: Green numbers on photoprints: 947-958
Box 410, Folder 3	Performators Notes: Green numbers on photoprints: 959-961
Box 410, Folder 4	Line amplifiers Notes: Green numbers on photoprints: 962-968
Box 410, Folder 5	Line repeaters Notes: Green numbers on photoprints: 970-978
Box 410, Folder 6	Magnetic modulators Notes: Green numbers on photoprints: 979-981
Box 410, Folder 7	Super Notes: Green numbers on photoprints: 982-990

Subseries 1.4: Radiolas

Box 410, Folder 9

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

Superheterodynes

Green numbers on photoprints: 1032-1066; missing 1040, contains Notes:

1 negative

Box 411, Folder 1 Radiolas, Models II - IX

Notes: Green numbers on photoprints: 1067-1104

Box 411, Folder 2	Radiolas, Models X - 20B Notes: Green numbers on photoprints: 1105-1144
Box 411, Folder 3	Radiolas, Models 21-25 Notes: Green numbers on photoprints: 1145-1172
Box 411, Folder 4	Radiolas, Model 26 Notes: Green numbers on photoprints: 1173-1200; contains 1 negative
Box 411, Folder 5	Radiolas, Model 28 Notes: Green numbers on photoprints: 1201-1238
Box 412, Folder 1	Radiolas, Models 30-67 Notes: Green numbers on photoprints: 1239-1279
Box 412, Folder 2	RCA Victor Models Notes: Green numbers on photoprints: 1280-1299
Box 412, Folder 3	Miscellaneous Radiolas Notes: Green numbers on photoprints: 1300-1372
Box 412, Folder 3	[Radiola, black-and-white photoprint.], undated 1 Item (Silver gelatin on paper.; 10.9" x 7.5".) Photographer: Knight, Thomas Coke Language: English. Notes: AC0055-0000035.tif (AC Scan) Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves. Topic: Radio Receivers and reception Genre/Form: Photographs 1930-1940 Black-and-white photoprints Silver gelatin
Box 413, Folder 1	Brunswick Radiolas Notes: Green numbers on photoprints: 1373-1428
Box 413, Folder 1	[Cabinet with Hyperion phonograph, black & white photoprint], undated 1 Item (Silver gelatin on paper.; 9.5" x 7.5".) Photographer: Knight, Thomas Coke Language: English. Notes: AC0055-0000022.tif (AC Scan) Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves. Topic: Phonograph
Box 413, Folder 2	Unidentified Radiolas Notes: Green numbers on photoprints: 1429-1477; first two images are unnumbered

Box 413, Folder 2 [Cabinet with phonograph and AR-813 radio, black & white photoprint], undated

1 Item (Silver gelatin on paper.; 10.9" x 8.4".)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000021.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Topic: Radio -- Receivers and reception

Box 413, Folder 2 [ER-1620 Radio Set, exterior and interior views, black & white photoprint],

undated

2 Items (Silver gelatin on paper.; 8.0" x 10.1".)

Image(s)
Image(s)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000023.tif (AC Scan)

AC0055-0000024.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Topic: Radio -- Receivers and reception

Subseries 1.5: Loudspeakers

Box 414, Folder 1	UZ-1320 Loudspeaker Notes: Green numbers on photoprints: 1478-1493
Box 414, Folder 2	100 Loudspeaker Notes: Green numbers on photoprints: 1494-1510
Box 414, Folder 3	100A Loudspeaker & others Notes: Green numbers on photoprints: 1511-1541
Box 414, Folder 4	104 Loudspeaker Notes: Green numbers on photoprints: 1542-1560
Box 414, Folder 5	Loudspeaker in home setting Notes: Green numbers on photoprints: 1561-1582
Box 414, Folder 6	Miscellaneous loudspeakers Notes: Green numbers on photoprints: 1583-1629
Box 415, Folder 1	Speaker cabinets Notes: Green numbers on photoprints: 1630-1644

Subseries 1.6: Radio Components (alphabetical)

Box 415, Folder 2	A.C. Package Notes:	Green numbers on photoprints: 1645-1648
Box 415, Folder 3	Amplifiers Notes:	Green numbers on photoprints: 1649-1667
Box 415, Folder 4	Antennas Notes:	Green numbers on photoprints: 1668-1674
Box 415, Folder 5	Battery compa Notes:	artments Green numbers on photoprints: 1675-1683
Box 415, Folder 6	Battery elimina Notes:	ator Green numbers on photoprints: 1684-1686
Box 415, Folder 7	Chokes Notes:	Green numbers on photoprints: 1687-1690
Box 415, Folder 8	Coils Notes:	Green numbers on photoprints: 1691-1705
Box 415, Folder 9	Condensers Notes:	Green numbers on photoprints: 1706-1733
Box 415, Folder 10	Duo-rectron Notes:	Green numbers on photoprints: 1734-1741
Box 416, Folder 1	Elimination B Notes:	Green numbers on photoprints: 1742
Box 416, Folder 2	Grid Leaks Notes:	Green numbers on photoprints: 1743-1744
Box 416, Folder 3	Headphones Notes:	Green numbers on photoprints: 1745-1747
Box 416, Folder 4	Inductances Notes:	Green numbers on photoprints: 1748-1752
Box 416, Folder 5	Meters Notes:	Green numbers on photoprints: 1753-1755
Box 416, Folder 6	Outlet transfor Notes:	rmers Green numbers on photoprints: 1756-1757
Box 416, Folder 7	Oscillators Notes:	Green numbers on photoprints: 1758-1764

Box 416, Folder 8	Plugs Notes:	Green numbers on photoprints: 1765-1766
Box 416, Folder 9	Rheostats Notes:	Green numbers on photoprints: 1767-1770
Box 416, Folder 10	Socket adapte Notes:	Green numbers on photoprints: 1771-1774
Box 416, Folder 11	Switches Notes:	Green numbers on photoprints: 1775-1784
Box 416, Folder 12	Transformers Notes:	Green numbers on photoprints: 1785-1800
Box 416, Folder 13	Tubes: WD11- Notes:	UX874 [organized by Raditron numbers] Green numbers on photoprints: 1801-1904
Box 417, Folder 1	Tubes - misce Notes:	llaneous Green numbers on photoprints: 1905-1922
Box 417, Folder 2	Tubes - unider Notes:	ntified; missing 1941, one image numbered between 1942 & 1943 Green numbers on photoprints: 1923-1949
Box 417, Folder 3	Uni-rectron Notes:	Green numbers on photoprints: 1950-1957
Box 417, Folder 4	Uni & Duo rec Notes:	tron, unidentified Green numbers on photoprints: 1958-1965
Box 417, Folder 5	Vacuum arrest Notes:	ter Green numbers on photoprints: 1966

Subseries 1.7: Marketing Radio

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

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

Box 417, Folder 6? [Two women and a man seated around a tabletop radio, black-and-white

photoprint.], undated

1 Item (Silver gelatin on paper; 8.0" x 10.2")

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000059.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

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Topic: Radio -- Receivers and reception

Genre/Form: Photographs -- 1930-1940 -- Black-and-white photoprints --

Silver gelatin

Box 417, Folder? [Two men playing dominoes and woman adjusting a radio dial on a porch,

black-and-white photoprint.], undated

1 Item (Silver gelatin on paper; 7.9" x 10.2")

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000060.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Topic: dominoes

Radio -- Receivers and reception

Genre/Form: Photographs -- 1920-1930 -- Black-and-white photoprints --

Silver gelatin

Box 417, Folder 6 [Man showing a radio to another man from the back of a truck, black-and-white

photoprint.], undated

1 Item (Silver gelatin on paper.; 9.4" x 7.4".)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000063.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Topic: Radio -- Receivers and reception

Genre/Form: Photographs -- 1920-1930 -- Black-and-white photoprints --

Silver gelatin

Box 417, Folder 6 [Woman in kitchen; canning and listening to the radio, black-and-white

photoprint.], undated

1 Item (Silver gelatin on paper.; 7.3" x 9.3".)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000064.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs

must be handled with cotton gloves unless protected by sleeves.

Topic: Radio -- Receivers and reception

Radio audiences

Canning and preserving

Genre/Form: Photographs -- 1920-1930 -- Black-and-white photoprints --

Silver gelatin

Box 417, Folder 6 [Man adjusting a radio knob while two women watch, black-and-white

photoprint.], undated

1 Item (Silver gelatin on paper.; 7.4" x 9.3".)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000107.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Topic: Radio audiences

Radio -- Receivers and reception

Genre/Form: Photographs -- 1920-1930 -- Black-and-white photoprints --

Silver gelatin

Box 417, Folder 7 Radiolas in the home [organized by model number]

Notes: Green numbers on photoprints: 1988-2077

Box 417, Folder 7 [Two men and two women listening to Radiola models 28 and 104, black &

white photoprint], [circa 1920-1930]

1 Item (Silver gelatin on paper.; 8.0" x 10.1.)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000013.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Topic: Radio -- Receivers and reception

Box 417, Folder 6 or

7?

[Young man demonstrating a radio to a woman, two girls and a boy on the front

porch of a house, black-and-white photoprint.], undated

1 Item (Silver gelatin on paper; 10.1" x 8.1")

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000054.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Topic: Radio -- Receivers and reception

Genre/Form: Photographs -- 1930-1940 -- Black-and-white photoprints --

Silver gelatin

Box 417, Folder 7

[Man looking at pocket watch and listening to radio with headphones, black-

and-white photoprint.], undated

1 Item (Silver gelatin on paper.; 8.9" x 6.6".)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000065.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Topic: Radio -- Receivers and reception

Radio audiences Clocks and watches

Genre/Form: Photographs -- 1920-1930 -- Black-and-white photoprints --

Silver gelatin

Box 417, Folder 7

[Three women, two men and a boy in room with piano listening to the radio,

black-and-white photoprint.], undated

1 Item (Silver gelatin on paper.; 7.2" x 9.2".)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000066.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Topic: Radio -- Receivers and reception

Radio audiences

Piano

Genre/Form: Photographs -- 1920-1930 -- Black-and-white photoprints --

Silver gelatin

Box 417, Folder 7

[Young man and woman listening to the radio, black-and-white photoprints.], undated

2 Items (Silver gelatin on paper.; 7.1" x 9.3".)

Image(s)
Image(s)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000067.tif (AC Scan)

AC0055-0000068.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Two separate views, in same interior.

Topic: Radio -- Receivers and reception

Radio audiences

Genre/Form: Photographs -- 1920-1930 -- Black-and-white photoprints --

Silver gelatin

Box 417, Folder 7

[Woman adjusting radio dial, black-and-white photoprint.], undated

1 Item (Silver gelatin on paper.; 9.3" x 7.2".)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000069.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Topic: Radio -- Receivers and reception

Radio audiences

Genre/Form: Photographs -- 1920-1930 -- Black-and-white photoprints --

Silver gelatin

Box 417, Folder 7

[Man adjusting radio dial while woman watches, black-and-white photoprint.], undated

1 Item (Silver gelatin on paper.; 9.3" x 7.2".)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000070.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Topic: Radio -- Receivers and reception

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Radio audiences

Genre/Form: Photographs -- 1920-1930 -- Black-and-white photoprints --

Silver gelatin

Box 417, Folder 7 [Man wearing headphones to listen to the radio while looking at a book, black-

and-white photoprint.], undated

1 Item (Silver gelatin on paper.; 7.4" x 9.5".)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000071.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Topic: Radio -- Receivers and reception

Radio audiences

Genre/Form: Photographs -- 1920-1930 -- Black-and-white photoprints --

Silver gelatin

Box 417, Folder 7 [Two women listening to the radio, black-and-white photoprint.], undated

1 Item (Silver gelatin on paper.; 7.3" x 9.6".)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000072.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Topic: Radio -- Receivers and reception

Radio audiences

Genre/Form: Photographs -- 1920-1930 -- Black-and-white photoprints --

Silver gelatin

Box 417, Folder 7 [Two women adjusting a radio dial with a man and woman seated at a table in

the background, black-and-white photoprint.], undated

1 Item (Silver gelatin on paper.; 7.3" x 9.5".)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000073.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Topic: Radio -- Receivers and reception

Radio audiences

Genre/Form: Photographs -- 1920-1930 -- Black-and-white photoprints --

Silver gelatin

Box 417, Folder 7 [Two women and two men playing cards while one man adjusts a radio dial, black-and-white photoprint.], undated

1 Item (Silver gelatin on paper.; 7.3" x 9.6".)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000074.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Topic: Radio -- Receivers and reception

Radio audiences

Genre/Form: Photographs -- 1920-1930 -- Black-and-white photoprints --

Silver gelatin

Box 417, Folder 7 [Two couples dancing while another woman adjusts a radio, black-and-white

photoprint.], undated

1 Item (Silver gelatin on paper.; 7.3" x 9.5".)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000075.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Topic: Radio -- Receivers and reception

Radio audiences

Dance

Genre/Form: Photographs -- 1920-1930 -- Black-and-white photoprints --

Silver gelatin

Box 417, Folder 7 [Two couples listening to a radio, black-and-white photoprint.], undated

1 Item (Silver gelatin on paper.; 9.4" x 7.3".)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000076.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Topic: Radio -- Receivers and reception

Radio audiences

Genre/Form: Photographs -- 1920-1930 -- Black-and-white photoprints --

Silver gelatin

Box 417, Folder 7 [A woman adjusting a radio while a man looks on; a second woman writing at a

desk, black-and-white photoprint.], undated 1 Item (Silver gelatin on paper.; 7.4" x 9.2".)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000077.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Topic: Radio -- Receivers and reception

Radio audiences

Genre/Form: Photographs -- 1920-1930 -- Black-and-white photoprints --

Silver gelatin

Box 417, Folder 7 [A man adjusts a radio while a man and two women watch and listen, black-and-white photoprint.], undated

1 Item (Silver gelatin on paper.; 7.4" x 9.2".)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000078.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Topic: Radio -- Receivers and reception

Radio audiences

Genre/Form: Photographs -- 1920-1930 -- Black-and-white photoprints --

Silver gelatin

Box 417, Folder 7 [Four men in tuxedos standing or sitting around a radio, black-and-white

photoprint.], undated

1 Item (Silver gelatin on paper.; 7.3" x 9.2".)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000079.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Topic: Radio -- Receivers and reception

Radio audiences

Genre/Form: Photographs -- 1920-1930 -- Black-and-white photoprints --

Silver gelatin

Box 417, Folder 7 [A woman leaning toward a radio with a dreamy expression, black-and-white

photoprint.], undated

1 Item (Silver gelatin on paper.; 9.4" x 7.3".)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000080.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Topic: Radio -- Receivers and reception

Radio audiences

Genre/Form: Photographs -- 1920-1930 -- Black-and-white photoprints --

Silver gelatin

Box 417, Folder 7 [A man adjusting a radio with a woman standing to the side, black-and-white

photoprint.], undated

1 Item (Silver gelatin on paper.; 7.2" x 9.3".)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000081.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Topic: Radio -- Receivers and reception

Radio audiences

Genre/Form: Photographs -- 1920-1930 -- Black-and-white photoprints --

Silver gelatin

[Three couples dancing to a radio, black-and-white photoprint.], undated

1 Item (3.4" x 4.5".)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000090.tif (AC Scan)

83-16782 (SI neg number)
Silver gelatin on paper.
In black copy print notebook 1

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Topic: Radio -- Receivers and reception

Radio audiences

Dance

Genre/Form: Photographs -- 1920-1930 -- Black-and-white photoprints --

Silver gelatin

[Two men adjusting a radio knob, black-and-white photoprint.], undated

1 Item (7.1" x 9.3".)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000091.tif (AC Scan)

90-10151 (SI neg number) Silver gelatin on paper. In black copy print notebook 3

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Topic: Radio -- Receivers and reception

Radio audiences

Genre/Form: Photographs -- 1920-1930 -- Black-and-white photoprints --

Silver gelatin

Box 417, Folder 7 [Man and woman seated at a table and listening to radio on headsets, black-

and-white photoprint.], undated

1 Item (Silver gelatin on cellulose acetate film sheet.; 7.2" x 9.0".)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000092.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Topic: Radio -- Receivers and reception

Radio audiences

Genre/Form: Photographs -- Black-and-white photoprints -- Silver gelatin --

1920-1930

Box 418, Folder 1 Radiolas in the home - unidentified

Notes: Green numbers on photoprints: 2078-2110

Box 418. Folder 1

[A man reading a newspaper and listening to a radio with a dog at his feet, black-and-white photoprint.], undated

1 Item (Silver gelatin on paper.; 7.4" x 9.3".)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000082.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Topic: Radio -- Receivers and reception

Radio audiences

Genre/Form: Photographs -- 1920-1930 -- Black-and-white photoprints --

Silver gelatin

Box 418, Folder 1

[A woman seated next to and adjusting a radio, black-and-white photoprint.],

undated

1 Item (Silver gelatin on paper.; 9.3" x 7.3".)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000083.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Topic: Radio -- Receivers and reception

Radio audiences

Genre/Form: Photographs -- 1920-1930 -- Black-and-white photoprints --

Silver gelatin

Box 418, Folder 1

[A man and woman listening to a radio using headsets, black-and-white photoprint.], undated

1 Item (Silver gelatin on paper.; 6.8" x 9.1".)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000084.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Topic: Radio -- Receivers and reception

Radio audiences

Genre/Form: Photographs -- 1920-1930 -- Black-and-white photoprints --

Silver gelatin

Box 418, Folder 1

[Four men and three women listening to a radio, black-and-white photoprint.],

undated

1 Item (Silver gelatin on paper.; 7.3" x 9.2".)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000085.tif (AC Scan)

79-10650 (SI neg number)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Topic: Radio -- Receivers and reception

Radio audiences

Genre/Form: Photographs -- 1920-1930 -- Black-and-white photoprints --

Silver gelatin

Box 418, Folder 1 [Elderly African American man sitting in front of a radio, black-and-white

photoprint.], undated

1 Item (Silver gelatin on paper.; 7.7" x 9.9".)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000109.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Topic: Radio -- Receivers and reception

Radio audiences African Americans

Genre/Form: Photographs -- 1920-1930 -- Black-and-white photoprints --

Silver gelatin

Box 418, Folder 2 Advertising copy

Notes: Green numbers on photoprints: 2111-2134

Box 418, Folder 3 Aircraft radio

Notes: Green numbers on photoprints: 2135-2144

Box 418, Folder 4 Car radio

Notes: Green numbers on photoprints: 2145-2177

Box 419, Folder 1 Radio aboard ship [listening to radio on ship N operating rooms]

Notes: Green numbers on photoprints: 2178-2204

Box 419, Folder 1 [A man and two women listening to a radio using headphones while sitting at

the stern of boat, black-and-white photoprint.], undated

1 Item (Silver gelatin on paper.; 7.5" x 9.4".)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000086.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Topic: Radio -- Receivers and reception

Boats and boating Radio audiences

Genre/Form: Photographs -- 1920-1930 -- Black-and-white photoprints --

Silver gelatin

Box 419, Folder 2 Radio in the hospital

Notes: Green numbers on photoprints: 2205-2210

Box 419, Folder 2 [Hospital staff around a young patient listening to radio using headphones,

black-and-white photoprint.], undated

1 Item (Silver gelatin on paper.; 7.3" x 9.2".)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000087.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Topic: Radio -- Receivers and reception

Radio audiences Hospital beds Nurses Physicians

Medical personnel

Genre/Form: Photographs -- 1920-1930 -- Black-and-white photoprints --

Silver gelatin

Box 419, Folder 2 [Two nurses listening to radio, black-and-white photoprint.], undated

1 Item (Silver gelatin on paper.; 7.3" x 9.2".)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000088.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Topic: Radio -- Receivers and reception

Radio audiences

Nurses

Medical personnel

Genre/Form: Photographs -- 1920-1930 -- Black-and-white photoprints --

Silver gelatin

Box 419, Folder 3 The Radiola House

Notes: Green numbers on photoprints: 2211-2226

Box 419, Folder 4 Radio on trains

Notes: Green numbers on photoprints: 2227-2276

Box 419, Folder 5 Radio stores

Notes: Green numbers on photoprints: 2277-2283

Box 419, Folder 6 Uses of radios

Notes: Green numbers on photoprints: 2284-2287

Box 419, Folder 6 [Three women listening to a radio while laying on a cot in a tent, black-and-

white photoprint.], undated

1 Item (Silver gelatin on paper.; 7.7" x 9.5".)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000089.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Topic: Radio -- Receivers and reception

Radio audiences

Camping

Genre/Form: Photographs -- 1920-1930 -- Black-and-white photoprints --

Silver gelatin

[Radiola advertisements: photoprint,], 1920-1930

1 Item (8" x 10".)

Photographer: Knight, Thomas Coke

Advertiser: Radio Corporation of America.

Language: English.

Notes: 99-381 (OPPS Neg. No.)

Silver gelatin on paper.

From Series A, subseries 7, box 14, "advertisements" folder.

Rubber stamp imprint on verso: "Credit line 'Radio Corporation of America' / Photo supplied by Information Bureau / Radio Corporation of America / 233 Broadway, New York/ Thos. Coke

Knight, Photographer, N.Y."

Rubber stamp on verso of print: CREDIT LINE "RADIO CORPORATION OF AMERICA" / PHOTO SUPPLIED BY / INFORMATION BUREAU / RADIO CORPORATION OF AMERICA / 233 BROADWAY, NEW YORK / THOS. COKE KNIGHT,

Photographer, N.Y.

Some yellowing and staining of unmounted print.

Unrestricted research use on site by appointment. Unprotected

photographs must be handled with cotton gloves.

Photograph of 3 framed RCA advertisements: RCA Radiola 28, "Theatre of the Air, and RCA Loud Speaker Model 100 ("A Triumph!").

No. 2113 in file.

Copy prints available. Reproduction restrictions due to copyright.

Order from neg. no. 99-381.

Topic: Radiola (brand name)

Radio -- advertising -- 1920-1930

Radio -- Apparatus and supplies -- advertising -- 1920-1930

Genre/Form: Photographs -- 1900-1950

Subseries 1.8: Shore Stations

Box 420, Folder 1 Arlington

Notes: Green numbers on photoprints: 2288-2297

Box 420, Folder 2 Bush Terminal, Brooklyn, New York

Notes: Green numbers on photoprints: 2298-2303

Box 420, Folder 3 Belfast, Maine

Notes: Green numbers on photoprints: 2304-2307

Box 420, Folder Belfast, Maine [Two men using receiving apparatus for reception of English broadcasting, black-and-white photoprint.], undated

1 Item (Silver gelatin on paper.; 4.7" x 6.2".)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000110.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Topic: Radio -- Receivers and reception

Genre/Form: Photographs -- 1920-1930 -- Black-and-white photoprints --

Silver gelatin

Box 420, Folder Belfast, Maine

[Exterior view of Belfast, Maine radio station, black-and-white photoprint.],

undated

1 Item (Silver gelatin on paper.; 4.3" x 5.9".)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000111.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Topic: Radio stations

Genre/Form: Photographs -- 1920-1930 -- Black-and-white photoprints --

Silver gelatin

Box 420, Folder Belfast, Maine [Rear view of vacuum tube radio transmitting equipment, black-and-white

photoprint.], undated

1 Item (Silver gelatin on paper.; 4.4" x 5.9".)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000112.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Topic: Radio stations

Radio -- Transmitters and transmission

Genre/Form: Photographs -- 1920-1930 -- Black-and-white photoprints --

Silver gelatin

Box 420, Folder Belfast, Maine [Three men holding various sized vacuum tubes, black-and-white photoprint.], undated

1 Item (Silver gelatin on paper.; 4.4" x 5.9".)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000113.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Topic: Radio stations

Radio -- Transmitters and transmission

Genre/Form: Photographs -- 1920-1930 -- Black-and-white photoprints --

Silver gelatin

Box 420, Folder 4 Chatham, Massachusetts

Notes: Green numbers on photoprints: 2308-2314

Box 420, Folder 4 [RCA Marine Station in Chatham, Massachusetts, black-and-white photoprint.],

circa 1928

1 Item (Silver gelatin on paper.; 7.4" x 9.3".)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000047.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves. Radio operators receiving transmissions from SS Leviathan and

SS Mauretania on 2100 m. band.

Topic: Radio stations

Radio -- Receivers and reception
Radio -- Transmitters and transmission

Genre/Form: Photographs -- 1930-1940 -- Black-and-white photoprints --

Silver gelatin

Box 420, Folder 5 Marion, Massachusetts

Notes: Green numbers on photoprints: 2315-2341

Box 420, Folder 4 [Hotel Custer & Cothazer in Marion, Massachusetts, black-and-white

photoprint.], undated

1 Item (Silver gelatin on paper.; 7.6" x 9.8".)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000048.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Topic: Hotels

Genre/Form: Photographs -- 1930-1940 -- Black-and-white photoprints --

Silver gelatin

Box 420, Folder 5 [Main antenna mast line for the RCA Station in Marion, Massachusetts, black-

and-white photoprint.], 1928

1 Item (Silver gelatin on paper.; 7.6" x 9.8".)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000049.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs

must be handled with cotton gloves unless protected by sleeves.

Names: Radio Corporation of America.

Topic: Radio -- Antennas

Genre/Form: Photographs -- 1930-1940 -- Black-and-white photoprints --

Silver gelatin

Box 420, Folder 5 [Chief Engineer's residence for the RCA Station in Marion, Massachusetts,

black-and-white photoprint.], undated

1 Item (Silver gelatin on paper.; 7.7" x 9.7".)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000050.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

A man and boy are on the lawn in front of the house.

Names: Radio Corporation of America.

Topic: Radio engineers

Genre/Form: Photographs -- 1930-1940 -- Black-and-white photoprints --

Silver gelatin

Box 420, Folder 5 [Radio towers and lines for the RCA Station in Marion, Massachusetts, black-

and-white photoprint.], undated

1 Item (Silver gelatin on paper.; 7.2" x 9.4".)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000051.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Names: Radio Corporation of America.

Topic: Radio -- Antennas

Genre/Form: Photographs -- 1930-1940 -- Black-and-white photoprints --

Silver gelatin

Box 420, Folder 5 Power House front showing antenna lead in and number 1 tuning coil, Marion,

Massachusetts, [black-and-white photoprint.], undated

1 Item (Silver gelatin on paper.; 7.7" x 9.7".)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000052.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Names: Radio Corporation of America.

Topic: Radio -- Antennas

Genre/Form: Photographs -- 1930-1940 -- Black-and-white photoprints --

Silver gelatin

Box 420, Folder 6 New Brunswick, New Jersey

Notes: Green numbers on photoprints: 2342-2354

Box 420, Folder 7 Riverhead, Long Island

Notes: Green numbers on photoprints: 2355-2394

Box 421, Folder 1 Rocky Point, Long Island

Notes: Green numbers on photoprints: 2397-2442

Box 421, Folder 1 Antenna Combination for Radio Central Station diagram, [black & white

photoprint], undated

1 Item (Silver gelatin on paper.; 7.6" x 9.6".)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000017.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Topic: Radio -- Antennas

Box 421, Folder 1 [Concept of future RCA radio central system off of Long Island Sound, [black &

white photoprint], undated

1 Item (Silver gelatin on paper.; 7.6" x 9.5".)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000018.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Topic: Radio

Box 421, Folder 2 Stavanger

Notes: Green numbers on photoprints: 2443-2447

Box 421, Folder 3 Tuckerton

Notes: Green numbers on photoprints: 2448-2465

Box 421, Folder 3 [850 foot tower and general view of radio station at Tuckerton, New Jersey,

black & white photoprint], undated

1 Item (Silver gelatin on paper.; 9.5" x 7.6".) Photographer: Knight, Thomas Coke

Language: English.

Notes: AC0055-0000019.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Topic: Radio broadcasting

Box 421, Folder 4 United Fruit Company, Santa Marta

Notes: Green numbers on photoprints: 2466-2470

Box 421, Folder 5 Miscellaneous stations

Notes: Green numbers on photoprints: 2471-2547

Box 422, Folder 1 Miscellaneous shore stations

Notes: Green numbers on photoprints: 2548-2567

Subseries 1.9: Research and Manufacturing

Box 422, Folder 2	Manufacturing Notes: Green numbers on photoprints: 2568-2611
Box 422, Folder 2	[Men assembling RCA radio sets in a Westinghouse factory, black-and-white photoprint.], 1922 1 Item (Silver gelatin on paper.; 7.9" x 9.9".) Collector: Clark, George H. Language: English. Notes: AC0055-0000106.tif (AC Scan) Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves. Names: Radio Corporation of America. Topic: Radio Receivers and reception Manufacturing Genre/Form: Photographs 1920-1930 Black-and-white photoprints Silver gelatin
Box 422, Folder 3	Manufacturing Notes: Green numbers on photoprints: 2612-2668
Box 423, Folder 1	RCA Research Department, apparatus Notes: Green numbers on photoprints: 2669-2689
Box 423, Folder 2	Research Notes: Green numbers on photoprints: 2690-2752
Box 423, Folder 3	Tube testing Notes: Green numbers on photoprints: 2753-2803
Box 424, Folder 1	Tube testing Notes: Green numbers on photoprints: 2804-2842
Box 424, Folder 1	[Machine to test the radiation in tubes, black-and-white photoprint.], undated 1 Item (Silver gelatin on paper.; 8.0" x 9.8".) Collector: Clark, George H. Language: English. Notes: AC0055-0000041.tif (AC Scan) Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves. Topic: Radiation Radio Production and direction Genre/Form: Photographs 1930-1940 Black-and-white photoprints Silver gelatin
Box 424, Folder 2	Van Cortland Park, RCA Notes: Green numbers on photoprints: 2843-2846

Box 424, Folder 3 Van Cortland Park, RCA

Notes: Green numbers on photoprints: 2847-2869

Subseries 1.10: Innovations after 1920

Box 424, Folder 4 Electric Organ

Notes: Green numbers on photoprints: 2870-2874

Box 424, Folder 5 Hewlett loudspeaker

Notes: Green numbers on photoprints: 2875-2886

Box 424, Folder 6 Pallophtophone

Notes: Green numbers on photoprints: 2887-2894

Box 425, Folder 1 Photo Radio

Notes: Green numbers on photoprints: 2895-2942

Box 425, Folder 2 Photo Radio

Notes: Green numbers on photoprints: 2943-2964

Box 425, Folder 3 Television [includes Cathode Ray Oscilliograph]

Notes: Green numbers on photoprints: 2966-3030

Box 426, Folder 1 Projectors

Notes: Green numbers on photoprints: 3031-3090

Box 426, Folder 2 Theremin

Notes: Green numbers on photoprints: 3091-3094

Box 426, Folder 2 [Alexandra Stepanoff playing RCA theremin, black & white photoprint], 1930

1 Item (Silver gelatin on paper.; 10.0" x 8.0")

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000002.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Names: Stepanoff, Alexandra

Topic: Theremin

Subseries 1.11: Exhibitions/Radio Shows

Box 426, Folder 3 Grand Central Palace, New York September, 1925

Notes: Green numbers on photoprints: 3095-3104

Box 426, Folder 4 New York City 1926 & 1927

Notes: Green numbers on photoprints: 3105-3122

Box 426, Folder 5	Boston, Philadelphia, Syracuse, 1927 Notes: Green numbers on photoprints: 3123-3131
Box 427, Folder 1	Chicago, 1927 & 1929 Notes: Green numbers on photoprints: 3132-3148
Box 427, Folder 2	New York, 1929 & 1930 Notes: Green numbers on photoprints: 3149-3162
Box 427, Folder 3	Jersey City, 1930 Notes: Green numbers on photoprints: 3163-3180
Box 427, Folder 4	326 Broadway, New York; Atlantic City, NJ; Hartford, CT Notes: Green numbers on photoprints: 3181-3197
Box 427, Folder 5	Radio Compass Notes: Green numbers on photoprints: 3198-3205
Box 427, Folder 6	Photophone, Photoradio Notes: Green numbers on photoprints: 3206-3213
Box 427, Folder 7	Centralized Radio, ca. 1930 Notes: Green numbers on photoprints: 3214-3218
Box 427, Folder 8	Individual Components Notes: Green numbers on photoprints: 3219-3223
Box 427, Folder 9	Tubes Notes: Green numbers on photoprints: 3224-3232
Box 428, Folder 1	Posters Notes: Green numbers on photoprints: 3233-3243
Box 428, Folder 2	Oversized display models Notes: Green numbers on photoprints: 3244-3254
Box 428, Folder 3	Miscellaneous Notes: Green numbers on photoprints: 3255-3329
Box 428, Folder 3	[RCA exhibit at Grand Central Palace, black & white photoprint], 1922 1 Item (Silver gelatin on paper.; 8.0" x 10.0") Photographer: Knight, Thomas Coke Language: English. Notes: AC0055-0000007.tif (AC Scan) Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves. Topic: Radio

Box 428, Folder 3 [RCA receiver exhibit with price cards, black & white photoprint], 1922

1 Item (Silver gelatin on paper.; 8.0" x 9.9")

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000008.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves. Second district convention at Hotel Pennsylvania in New York

City.

Topic: Radio

Subseries 1.12: Portraits

Box 428, Folder 4 Alexanderson

Notes: 17 images

Box 428, Folder 5 Armstrong

Notes: 3 images

Box 428, Folder 5 [Captain Edwin H. Armstrong, black-and-white photoprint.], 1919

1 Item (Silver gelatin on paper.; 9.7" x 6.9".)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000036.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Dressed in World War I uniform.

Names: Armstrong, Edwin H. (Edwin Howard), 1890-1954

Topic: World War, 1914-1918

Genre/Form: Photographs -- 1910-1920 -- Black-and-white photoprints --

Silver gelatin

Box 429, Folder 1 DeForest

Notes: 20 images

[Lee De Forest broadcasting over station W2XCD, Passaic, New Jersey:

photoprint.]
1 Item

Publisher: Underwood & Underwood

Language: English.

Notes: 88-624 (OIPP Neg. No.)

Silver gelatin on paper.

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves. Published in Amy Henderson, On the Air: Pioneers of American Broadcasting. Washington: published by the Smithsonian

Institution Press for the National Portrait Gallery and The Museum of Broadcasting, 1988 (catalog of an exhibition), p. 29.

Names: De Forest, Lee, 1873-1961

Topic: Radio broadcasts

Genre/Form: Black-and-white photographs -- 1900-1950

Box 429, Folder 1 Lee De Forest portrait, [black-and-white photoprint.], undated

1 Item (Silver gelatin on paper.; 8.9" x 7.1".)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000102.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Names: De Forest, Lee, 1873-1961

Genre/Form: Photographs -- 1920-1930 -- Black-and-white photoprints --

Silver gelatin

Box 429, Folder 2 Fessenden

Notes: 5 images, 1 negative

Box 429, Folder 2 [Reginald Fessenden and asistants at Brant Rock, Massachusetts, black-and-

white photoprint.], undated

1 Item (Silver gelatin on paper.; 7.1" x 9.0".)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000104.tif (AC Scan)

89-3804 (SI neg number)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Names: Fessenden, R.A.

Genre/Form: Photographs -- 1920-1930 -- Black-and-white photoprints --

Silver gelatin

Box 429, Folder 2 [Fessenden's engineers, black-and-white photoprint.], 1914

1 Item (Silver gelatin on paper.; 7.9" x 9.9".)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000105.tif (AC Scan)

86-10566 (SI neg number)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Names: Fessenden, R.A.

Topic: Engineers

Genre/Form: Photographs -- 1920-1930 -- Black-and-white photoprints --

Silver gelatin

Box 429, Folder 3 Hertz

Notes: 1 image

Box 429, Folder 4 Marconi

Notes: 49 images, 8 negatives

[Guglielmo Marconi wearing headphones : photograph]

1 Item

Language: English.

Notes: 88-627 (OIPP Neg. No.)

Silver gelatin on paper.

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Photographer unidentified.

Published in Amy Henderson, On the Air: Pioneers of American Broadcasting. Washington: published by the Smithsonian Institution Press for the National Portrait Gallery and The Museum of Broadcasting, 1988 (catalog of an exhibition), p. 27.

Names: Marconi, Guglielmo, Marchese, 1874-1937

Topic: Radio -- History

Genre/Form: Black-and-white photographs -- 1900-1950

Box 429, Folder 4 [Guglielmo Marconi broadcasting from his yacht 'Electra,' black & white

photoprint], [circa 1920-1930]

1 Item (Silver gelatin on paper.; 8.0" x 10.0)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000012.tif (AC Scan)

88-16395 (SI negative number)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Names: Marconi, Guglielmo, Marchese, 1874-1937

Topic: Radio broadcasting

Box 429, Folder 5 RCA executives, miscellaneous

Notes: 20 images

Box 429, Folder 6 Sarnoff

Notes: 29 images

Box 429, Folder 7 Steinmetz

Notes: 1 image

Box 429, Folder 8 Technicians & inventors, miscellaneous

Notes: 13 images, 1 negative

Box 430, Folder 1 #392-1495

Notes: 98 images

Box 430, Folder 2 #1643-2749

Notes: 98 images

Box 431, Folder 1 #2751-3237

Notes: 80 images

Box 431, Folder 2 Unidentified photographs with no #s

Notes: 47 images

Box 431, Folder 3 Unidentified photographs with no #s

Notes: 27 images

Box 431, Folder 4 Negatives with numbers

Notes: 26 images

Box 432, Folder 1 Un-numbered folder

Notes: 32 images

Subseries 1.13: Miscellaneous and Unidentified

Box 432, Folder 2 Camden Victrola Works, New Jersey

Notes: 7 images

Box 432, Folder 3 Offices - miscellaneous

Notes: 10 images, 15 negatives

Box 432, Folder 4 Buildings - miscellaneous

Notes: 24 images, 5 negatives

Box 432, Folder 5 Medals, awards

Notes: 10 images, 4 negatives

Box 433, Folder 1 Unidentified apparatus

Notes: 10 images, 1 negative

Box 433, Folder 2 Miscellaneous

Notes: 9 images, 27 negatives

Box 433, Folder 3 Not relevant to radio

Notes: 13 images

Subseries 1.14: Diagrams

Box 433, Folder 4 Maps, charts, and diagrams

Notes: 38 images

Box 433, Folder 5 Diagrams, RCA 184 - RCA 257

Notes: 19 negatives

Box 434, Folder 1	Diagrams, RCA Notes:	A 258 - RCA 569 18 negatives
Box 434, Folder 2	Diagrams, RCA Notes:	A 576A - RCA 717 18 negatives
Box 434, Folder 3	Diagrams, RCA Notes:	A 722 - RCA 940 16 negatives
Box 434, Folder 4	Diagrams, RCA Notes:	A 980 - RCA 2088 15 negatives
Box 434, Folder 5	No numbers Notes:	21 negatives

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Series B: George H. Clark Radioana Collection of Photographs By Class or Series

Scope and Contents:

This series consists of photgraphs 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.

namber on	them. Not all selles are represented.	
Box 435	Class or Series 4, 5	
Box 436	Class or Series 6	
Box 437	Class or Series 7, 8, 9, 10, 14, 18, 19, 20, 21	
Box 438	Class or Series 23, 24, 25, 26	
Box 439	Class or Series 21, 32, 33, 34	
Box 440	Class or Series 37, 38, 39	
Box 441	Class or Series 41, 43, 45, 46	
Box 442	Class or Series 48, 49, 50, 51	
Box 441, Folder 2	[Diversity receivers at Riverhead, black & white photoprint], [Circa 1936] 1 Item (Silver gelatin on paper.; 8.0" x 10.1".) Collector: Clark, George H. Language: English. Notes: AC0055-0000026.tif (AC Scan) Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves. Photograph by Radio Corporation of America (RCA). Topic: Radio Receivers and reception	
Box 441, Folder 3	[Model AR 1300 radio receiver and model AA 1400 amplifier detector, black & white photoprint], undated 1 Item (Silver gelatin on paper.; 8.1" x 10.8".) Collector: Clark, George H. Language: English. Notes: AC0055-0000027.tif (AC Scan) Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves. Photograph by Radio Corporation of America (RCA). Topic: Radio Receivers and reception	
Box 441, Folder Refile	[Model of radio receiver for duplex operation, exterior and interior views, black & white photoprint], undated	

2 Items (Silver gelatin on paper.; 8.1" x 10.5".)

Image(s)
Image(s)

Collector: Clark, George H.

Creator: General Electric Company

Language: English.

Notes: AC0055-0000028.tif (AC Scan)

AC0055-0000029.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Photograph by General Electric Company.

Topic: Radio -- Receivers and reception

Box 441, Folder 4 [Radiola Radio Concert Amplifier Model AA 1376 made for RCA, black-and-

white photoprint.], undated

1 Item (Silver gelatin on paper.; 7.9" x 9.8".)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000037.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Names: Radio Corporation of America.

Topic: Radio

Genre/Form: Photographs -- 1930-1940 -- Black-and-white photoprints --

Silver gelatin

Box 443 Class or Series 52, 53, 59, 60, 61, 62, 63, 64

Box 443, Folder 5 [Bunsen burner detector, black-and-white photoprint.], 1936

1 Item (Silver gelatin on paper.; 11.0" x 8.5".)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000034.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves. Alledgedly used by Lee DeForest in his "salt detector" tests.

Names: De Forest, Lee, 1873-1961

Topic: Scientific apparatus and instruments

Genre/Form: Photographs -- 1930-1940 -- Black-and-white photoprints --

Silver gelatin

Box 443, Folder 5 [Crystal detector on display with plaque, black-and-white photoprint.], undated

1 Item (Silver gelatin on paper.; 7.4" x 9.5".)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000042.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

	Topic: Radio Production and direction Genre/Form: Photographs 1930-1940 Black-and-white photoprints Silver gelatin
Box 444	Class or Series 66, 67, 69, 71, 72
Box 445	Class or Series 73, 74, 75, 76, 77
Box 446	Class or Series 78, 79
Box 447	Class or Series 85, 87, 92, 93, 98, 100, 101, 102, 114, 116, 126, 134, 135, 136, 139, 142, 143
Box 448	Class or Series 146, 149, 151, 152, 169, 173, 174, 188, 223, 226

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Series C: Clark Unorganized and/or Duplicate Photographs

Box 449, Folder 1	Palla Photophone	
Box 449, Folder 2	Photo negatives	
Box 449, Folder 3	Photos	
Box 449, Folder 4	Navy equipment	
Box 449, Folder 5	Equipment	
Box 449, Folder 6	"Wooden Box" Equipment	
Box 449, Folder 7	Marconi - images regarding World's Fair, New York, 1939-1940	
Box 449, Folder 41860	Thomas Coke Knight photos	
Box 450, Folder 1	from Box 1	
Box 450, Folder 2	from Box 17	
Box 450, Folder 2	[Radio Central, Rocky Point, Long Island multiple tuned antenna system, black & white photoprint.], undated 2 Items (Silver gelatin on paper.; 10.0" x 8.0".) Collector: Clark, George H. Language: English. Notes: AC0055-0000025.tif (AC Scan) Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves. Twelve 400 feet (122 meters) towers support two independent antenna. The towers are spaced 1250 feet (380 meters) apart. Each tower has a cross-arm 150 feet (46 meters) in length. Topic: Towers New York Radio Antennas Place: Rocky Point (Long Island, N.Y.) Long Island (N.Y.) Genre/Form: Black-and-white photographs 1900-1950	
Box 450, Folder 3	from Box 17; young ladies dancing with radio	
Box 450, Folder 4	from Box IV; Radio consoles	
Box 450, Folder 41765	unidentified	

Box 451, Folder 1	G.H. Clark photos RCA # 785-826
Box 451, Folder 2	G.H. Clark photos RCA # 1989-1991
Box 451, Folder 3	G.H. Clark photos RCA # 2001-2083
Box 451, Folder 4	G.H. Clark photos RCA # 2112-2178
Box 451, Folder 5	G.H. Clark photos RCA # 2203-2279
Box 451, Folder 6	G.H. Clark photos RCA # 2335-2452
Box 451, Folder 7	G.H. Clark photos RCA # 9851-9872
Box 451, Folder 8	G.H. Clark photos RCA # 24033-24536
Box 451, Folder 9	G.H. Clark photos RCA # 90055-92025
Box 451, Folder 10	Unidentified photos by Thomas Coke Knight
Box 452, Folder 1	Amateur Radio
Box 452, Folder 41675	Broadcasting
Box 452, Folder 2	[Four men in station KDKA's radio room, black & white photoprint], Circa 1920 1 Item (Silver gelatin on paper.; 8.0" x 9.9") Collector: Clark, George H. Language: English. Notes: AC0055-0000009.tif (AC Scan) Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves. Topic: Radio broadcasting
Box 452, Folder 2	Air Concert "Picked Up" by Radio Here, [black & white photoprint], 29 September 1920 1 Item (Silver gelatin on paper.; 9.9" x 8.2") Collector: Clark, George H. Language: English. Notes: AC0055-0000010.tif (AC Scan) Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves. Article appearing in The Horne Daily, printed by the Pittsburgh Sun Topic: Radio broadcasting
Box 452, Folder 2	[Frank Conrad's garage, black & white photoprint.], [Undated.] 1 Item (Silver gelatin on paper.; 10.0" x 8.1".)

Collector: Clark, George H.

Language: English.

Notes: AC0055-0000030.tif (AC Scan)

Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves.

Topic: Garages

Genre/Form: Black-and-white photographic prints -- Silver gelatin --

1900-1950

Box 452, Folder 6	Radio in classroom and hospital
Box 452, Folder 7	Laboratories and Factories
Box 452, Folder 7	[Factory floor showing workers assembling radios, black-&-white photoprint], Circa 1920 1 Item (Silver gelatin on paper.; 8.0" x 10.4".) Collector: Clark, George H. Language: English. Notes: AC0055-0000011.tif (AC Scan) Unrestricted research use on site by appointment. Photographs must be handled with cotton gloves unless protected by sleeves. Topic: Radio Production and direction 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 41734	Photograph negatives: Dining car, 1932
Box 461, Folder 6	Photograph negatives: Laurel Station Radio, 1932
Box 461, Folder 7	Photograph negatives: Beltsville, MD station, 1932
Box 461, Folder 8	Photograph negatives: Dining car interior, 1932
Box 461, Folder 9	Photograph negatives: photo of electric spark, 1933

Box 461, Folder 10	Photograph negatives: Bailey Electric spark, 1933
Box 461, Folder 11	Photograph negatives: New teletype machine, 1945
Box 461, Folder 12	Photograph negatives: Old Radio, 1945
Box 461, Folder 13	Photograph negatives: Radio & Telephone equipment, 1946
Box 461, Folder 14	Photograph negatives: First Telephone on Royal Blue, 1947
Box 461, Folder 15	Photograph negatives: Telegraph Office, 1950
Box 461, Folder 16	Photograph negatives: Teletype Machine, 1950
Box 461, Folder 17	Photograph negatives: Train Radio install, 1951
Box 461, Folder 18	Photograph negatives: Multiple transmitter, 1951
Box 461, Folder 19	Photograph negatives: Telephone on Capitol Ltd., 1952
Box 462, Folder 41649	Photographic negatives, undated
Box 463, Folder 41643	Photographs, undated
Box 464, Folder 41642	Photographs, undated
Box 465	miscellaneous photographs & negatives, undated
Box 466, Folder 41641	Photograph Album, undated
Box 467, Folder 41641	Clark apparatus, photographs and negatives, undated
Box 467, Folder 41705	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
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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
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Box 469, Folder 11	Photograph negatives: Radiotron UX-201 tubes, undated
Box 469, Folder 12	Photograph negatives: Aerials, undated

Box 470, Folder 41642	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

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Box 472, Folder 4	Radio Set specifications (Radio Retailing), 1935-1936
Box 472, Folder 5	Miscellaneous, undated
Box 473, Folder 41641	U.S. Army Signal Corps Diagrams, 1917-1931
Box 473, Folder 3	Marconi Wireless Telegraph Company Blueprints, 1912
Box 473, Folder 41746	Blueprints of radio equipment, 1906-1920
Box 473, Folder 18	Miscellaneous notes, 1920-1921
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Box 476, Folder 1	U.S. Army Signal Corps Correspondence, 1924-1925
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Box 476, Folder 3	Radio Apparatus Instructions: Westinghouse - U.S. Navy, 1928-1929

Box 476, Folder 4	Transmitting Equipment for Rigid Airships, 1929-1930
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Box 477, Folder 3	Unidentified files, undated
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Box 477, Folder 6	Unknown diagrams, undated
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Box 479, Folder 2	RCA Economic Analysis of Radio Industry, 1920-1934
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Box 479, Folder 4	"Measurement of Coupling Factor" Notes, 1922
Box 479, Folder 5	Transcript of RCA vs. Dublier, 1930
Box 480, Folder 1	Series 208, Servicing, 1922-1941
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Box 480, Folder 3	Standard Radio Symbols, 1910-1926
Box 480, Folder 4	International List of Radio Telegraph Stations, 1922
Box 480, Folder 5	NESCO vs. U.S.: George H. Clark Testimony, 1934
Box 480, Folder 6	RCA vs. Globe Wireless Ltd., 1935-1937
Box 481, Folder 1	RCA Publications, undated

Box 481, Folder 2	Miscellaneous company publications, undated
Box 481, Folder 3	Miscellaneous court documents, undated
Box 481, Folder 4	Trade, Industry and other publications, undated
Map-folder 2	Crystal Receivers and Spark GapTransmitters Project Blueprints, 1907-1911

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Box 483	Newspaper clippings, 1912-1914
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Box 493, Folder 3	Foreign Language, 1909-1931
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Series G: Darby & Darby, Attorneys Patent Files, circa 1914-1935

Box 498, Folder 1	Case no. 252: Victor O. Allen, including apparent foreign ÊPrior 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 4&5	Case no. 108 Cooley, Working Papers: Routine Patent Materials; Primary File: agreements, correspondence, drawings, photographs, 1924-1935
Box 498, Folder 6	Case no. 108: Cooley, Patent Application papers [Canadian Patent], 1926-1935
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 DeForestÿs 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 ÊArmstong Interference action in P.O.Patent no. #1170881 ÊWireless 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) ÊPrior 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) ÊPrior 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 Êbasic 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 ÉJenkins 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, ÊLight 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

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Box 503, Folder 4	Series 81, VACUUM TUBE TRANSMITTER ASSEMBLY, 1926
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Box 503, Folder 10	Series 137, HISTORY OF MARINE RADIO OPERATION, 1909-1938
Box 503, Folder 11	Series 141: MATHEMATICAL TREATMENT OF RADIO PROBLEMS, 1932
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Box 503, Folder 13	Series 153, FILTERS FOR USE WITH RADIO CIRCUITS AND APPARATUS, 1924-1939
Box 504, Folder 1	Series 156, RADIO RELAY (Interconnection of radio and wire systems, and of one radio system to another), 1945
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Box 504, Folder 10	Series 193, ACCIDENTS OR DEATH CAUSED BY RADIO APPARATUS, LIGHTNING, OR X-RAY, 1924-1946
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 Notes: Also includes radio broadcasting to ships of stock prices.
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
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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
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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
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Box 507, Folder 3	Laboratory Notebooks, Roy A. Weagant, 1919-1922
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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
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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

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Box 519	K-Z

Series L: Index to Bound Volumes of Photos in Various Series

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Box 522	Index to Bound Volumes of Photos in Various Series

Series M: Index to Photographs of David Sarnoff

Box 523

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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
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Box 525, Folder 5	Harry J. Lang, 1916-1921
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[Allen B. DuMont holding a cathode-ray tube : black-and-white photoprint]

1 Item

Collector: Clark, George Howard, 1881-1956

Language: English.

Notes: 88-628 (OIPP Neg. No.)

Silver gelatin on paper.

Unrestricted research use on site by appointment. Photographs must

be handled with cotton gloves unless protected by sleeves.

Photographer unidentified.

Names: Du Mont, Allen B. (Allen Balcom), 1901-1965

Topic: Cathode ray tubes

Inventors Television

Genre/Form: Photographs -- Black-and-white photoprints -- Silver gelatin

Series O: Addenda Materials

Box 526	A Tribute to George H. Clark, Tube Collectors Association, Special Publication No. 4, 2002 1 Electronic discs (CD) Notes: Interview conducted by Geraldine Tyne Kemp.
Box 527	Radio towers, electric lighting towers, electronic appratus, and [Hammer family members?], undated
Box 528	Radio equipment, undated
Box 529	Radio equipment, couplers, condensers, coils, short wave recivers, amplifiers, and circuit drivers, Portraits, electronic equipment, cartoons referring to electricity and oil indiustries, radiograms, advertisements for lamps and electric pianso, newspaper articles about radio shows, undated
Box 530	Negatives of unidentified equipment and people
Box 531	George Clark Collection microfilm project test reel 1 Microfilm reel
Box 531	Index cards for the George Clark Collection microfilm project, 1966-1970
Box 531	Interview with George Clark in Flanders, New Jersey, undated 1 Sound tape (1 7/8 IPS) Notes: Interview conducted by Gerald F.J. Tyne.
Box 532, Folder 1-2	Clark Radioana filing system (second revision), 1949
Box 532, Folder 4	Photo negatives, condensers, undated
Box 532, Folder 5	Photo negatives, undated Notes: Includes: rectron, batteries, switches, loudspeakers, oscillators, transformers, telephone plugs, G.E. tubes, and aerotron detectors.
Box 532, Folder 6	Photo negatives, undated Notes: Includes: pliotrons, transmitters, vacuum tubes, rectrons, the Arlington Radio Station, and the Bush Terminal Station, Brooklyn.
Box 532, Folder 7	Correspondence, advertisements, clippings and notes, 1906-1947 Notes: Includes photographs.
Box 532, Folder 8-10	Blueprints, schematics, and specifications, [1904-1921?] Notes: Includes: photoradio machine, thermionic brake, scanner carrier frequency unit, radio telegraph at U.S. Navy Yard, notes of Julius

	Martin (electrical engineer), air condensers, wiring diagrams, U.S. Army Signal Corps, and Marconi Wireless Telegraph Co.
Box 532, Folder 11	Frank Raymond Long correspondence, 1949 Notes: Relates to the transfer of the Clark Collection to the MIT Museum. Long curated the collection while it was at RCA from 1948-1949.
Box 532, Folder 12	U.S. Navy Yard and Depart of Commerce blank forms, undated
Box 533, Folder 1	Lee DeForest oscillation generators patent file, 1915-1917
Box 533, Folder 2	Lee DeForest, space telephony patent file, 1907-1911
Box 533, Folder 3	Lee DeForest, radio signalling systems patent file, 1915-1924
Box 533, Folder 4	Lee DeForest, oscillatory current generator patent file, 1914-1916
Box 533, Folder 5	Model Letters and Type Numbers Assignment to Naval Radio and Sound Equipment, 1930
Box 533, Folder 6	Proposed Radio Museum documentation, 1929, 1945
Box 533, Folder 7-10	Julius Martin correspondence, 1905-1916
Box 533, Folder 11	Lee DeForest papers from file of Gerald J. Tyne (photocopies), 1904-1907
Box 533, Folder 12	Short wave international radio communication, undated
Box 533, Folder 13	Broadcasting, 1919-1950
Box 533, Folder 14	Photographs, 1913 Notes: Includes: equipment, portraits, tube transmitters, U.S. Naval Radio Station, Arlington, Virginia, condensers, and Institute of Radio Engineers dinner.
Box 533, Folder 15	Photographs, undated Notes: Inlcudes: radio operators, equipment, short wave in England, receivers, and transmitting pliotrons.
Box 533, Folder 16	Photographs, undated Notes: Includes: radio operators, 100 kw transmitting tubes, and radiotrons.
Box 533, Folder 17	Photographs, 1905, 1939 Notes: Includes: Veterans Wireless Pperators Association (1939), antennas, receivers, wavemeter, and wireless presentation to the Chinsese (1905).
Box 533, Folder 18	Photographs, undated

Includes; jenkins Radiomovie Broadcasting Station W3XK, Betty Notes:

Godwin of NBC, George Clark, people sitting around a radio, Bell Telephone Laboratories, and equipment.

Box 534, Folder 1	RCA Broadcasting Station, WRC opening, 1923
Box 534, Folder 2	Novachord, 1953
Box 534, Folder 3	Proposed radio museum, 1929-1971
Box 534, Folder 4	U.S. Coast Guard radio equipment, 1930
Box 534, Folder 5	Allen-Moore Electrolytic cells, 1916
Box 534, Folder 6	DeForest, Lee. The Audion It's Action and Some Recent Applications, 1920
Box 534, Folder 7	Benjamin franklin and His Circle, 1936
Box 534, Folder 8	Telephone Haut Parler et des Tableaux Combinateurs, 1901
Box 534, Folder 9	Sturgeon magnet, 1892
Box 534, Folder 10	International Telegraph Construction Company, proposal for wireless telegraph outfits for the U.S. Navy, 1905
Box 534, Folder 11	Early radio-telegraph requirements bound by George Clark, 1908-1913
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Box 534, Folder 13	General Electric Company, Schnectady, New York, miscellanous drawings, 1905-1907, 1929
Box 534, Folder 14	VK3ME Melbourne program, 1937
Box 534, Folder 15	Various publications and articles, 1901-1936
Box 534, Folder 16	Facsimile text sheets, 1939
Box 534, Folder 17	Radio Engineetring Laboratories, 1940s
Box 534, Folder 18	Television developments of RCA group, 1932
Box 534, Folder 19	International Telegraph Construction Company, New york, Malay kite drawing, undated
Box 534, Folder 20	George H. Clark inventories for [photographs?], undated

Box 534, Folder 21	Thomas Coke Knight RCS photograph inventories for finding aid, undated
Box 534, Folder 22	George H. Clark Collection inventories for finding aid, undated
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Map-folder 4	Radio drawings, undated
Map-folder 5	Radio drawings, undated
Map-folder 6	Radio drawings, undated
Map-folder 7	Radio drawings, undated
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Map-folder 22	Electrtrose Manufacturing Company, 1913-1917
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Map-folder 24	Radio drawings from the Barcelona Show, undated
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Box 2 (Addenda)	Unprocessed material, undated
Box 3 (Addenda)	Unprocessed material, undated
Box 4 (Addenda)	Unprocessed material, undated
Box 5 (Addenda)	Unprocessed material, undated
Box 6 (Addenda)	Unprocessed material, undated
Box 7 (Addenda)	Unprocessed material, undated
Box 8 (Addenda)	Unprocessed material, undated
Box 9 (Addenda)	Unprocessed material, undated
Box 10 (Addenda)	Unprocessed material, undated
Box 11 (Addenda)	Unprocessed material, undated