

Collection: FESSENDEN, REGINALD A., PAPERS
Massachusetts
Bermuda

P.C. 1140.1 - 1140.103

[M.F.P. 131.12 .82]

1887-1935

1a

Physical Description: Letters, notebooks, blueprints, photographs, patents, legal briefs and decision files, newspaper and magazine clippings, maps, magazines, and pamphlets. 95 fibredex boxes and 8 map containers.

Acquisition: Given by Reginald K. Fessenden (son), Madison, Connecticut. Because of Reginald A. Fessenden's pioneer radio work on Roanoke Island in 1901-1902, the Department of Archives and History, at the suggestion of the Fessenden National Memorial Association, requested his son to deposit the inventor's papers in the Archives. This he agreed to do, and the papers were subsequently received in August, 1944.

For additional information relative to the acquisition of the Fessenden papers, see: Department of Archives and History, Director's Office, General Correspondence, 1901-1952, box 163, folder - Material Received.

Description: These are the papers of Reginald Aubrey Fessenden, American inventor and physicist.

Reginald Aubrey Fessenden (1866-1932)

1866, October 6	Born, Quebec, Canada
1884	Principal, Whitney Institute, Bermuda
1887-1889	Chief chemist, Edison Laboratory, Orange, New Jersey
1890, September	Married Helen May Trott of Bermuda
1890-1892	Chief electrician, Westinghouse Plant, Pittsfield, Massachusetts
1892-1893	Professor of electrical engineering, Purdue University
1893-1899	Professor of electrical engineering, Western University of Pennsylvania
1902-1911	National Electric Signaling Company formed to promote his inventions and enable him to do further research
1910-1932	Consulting engineer, Submarine Signaling Company

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Reginald Aubrey Fessenden (1866-1932)

1923

Published The Deluged Civilization of the Caucasus, the synopsis of a book he intended to write on mythological origins

1932, July 22

Died, Bermuda

Fessenden, Helen M. Fessenden, Builder of Tomorrows.
Starr, Harris E. Dictionary of American Biography, Vol. XXI, Supplement One, 296-297.

THE ARCHIVES OF REGINALD A. FESSENDEN

Biographical Sketch

Reginald Aubrey Fessenden (October 6, 1866-July 22, 1932) was an American inventor and physicist whose career was varied and colorful. Born in Quebec, Canada, he was educated in schools in Canada and the United States. After two years as principal of Whitney Institute in Bermuda, he went to New York to develop his scientific interest through practical experience. After a year's work as tester for Edison Machine Works, in 1887 he was made chief chemist of the Edison Laboratory at Orange, New Jersey. In 1890 he went to Pittsfield, Massachusetts, as chief electrician for the Westinghouse plant there. He was professor of electrical engineering at Purdue University, 1892, and at Western University of Pennsylvania, 1893-1899. Fessenden came to North Carolina in 1900 under the auspices of the United States Weather Bureau to conduct experiments in wireless telegraphy on Roanoke Island. His two years' work here attracted considerable publicity and corresponded in time with the experiments of the Wright Brothers in that locality.

In 1902 Fessenden formed the National Electric Signaling Company with Darwin S. Wolcott, patent attorney, and T. H. Given and Hay Walker, Jr., financial backers, the purpose of the company being to promote Fessenden's inventions. He left the company in 1911; and after years of litigation, lost his legal fight to gain the right to use his patents privately. It was reported that the company later sold these patents to Radio Corporation of America for three million dollars. Fessenden had many vigorous legal battles over his patent rights, the most outstanding case being that known as the "Combination Suit." In this dispute, Fessenden successfully brought a charge of illegal use of his patents against a combination of eight of the country's leading electrical companies.

Fessenden served as consulting engineer for the Submarine Signaling Company from 1910 until his death in 1932, and, also, for several prominent electrical companies at various times during that period. He was married to Helen May Trott in 1890, and they had one son, Reginald Kernally Fessenden. The inventor died in Bermuda. His biography, Fessenden, Builder of Tomorrows, written by his wife, was published in 1940.

Achievements of Reginald A. Fessenden:

Fessenden's patents number over five hundred, mostly in the field of radio. He is recognized as the originator of the continuous wave principle in wireless transmission, and, also, as the inventor of the heterodyne system of reception. From his Brant Rock experimental station, Fessenden made the first known radio broadcast of speech and music on Christmas Eve, 1906. The same year, he established what was said to be the first two-way trans-Atlantic wireless telegraphic contact, between Brant Rock, Massachusetts, and Machrihanish, Scotland. Among his better known inventions in fields other than radio are the fathometer (or sonic depth finder for ships), the smoke cloud for tanks, the turbo-electric drive for battleships, the wireless compass, and various submarine signaling devices.

The inventor was the author of many scientific papers and was in demand as a lecturer. Several installments of his autobiography were published in Radio News, but the work was never completed. Having been intensely interested in the classics since college days, Fessenden devoted much time in the last years of his life to research in the field of mythological origins, and in 1923 published The Deluged Civilization of the Caucasus, a resume of the book he planned to write. He later published several additional chapters, and also wrote a number of newspaper articles on the subject.

Recognition of Fessenden:

In 1921 the Institute of Radio Engineers awarded its medal of honor to Fessenden. In 1922 he was given the John Scott Medal by the Advisory Committee of the City of Philadelphia for his invention of continuous wave telegraphy and telephony; and in 1929 he was the recipient of the Scientific American Medal for his inventions promoting safety at sea. On April 1, 1952, the Radio Pioneers Club presented its Hall of Fame Award to Fessenden, Dr. Christopher Crittenden accepting the award on behalf of the Fessenden National Memorial Association. The Club inaugurated its Hall of Fame series in 1950. Awards previous to Fessenden's were made to Edison and Marconi.

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1140.3 Mf.P. 131.2-3	Observational record book of F. W. Very - U. S. Weather Bureau Station, Cobb Island, Rock Point, Charles County, Maryland - 3 notebooks, 1900-1902. Notes relating to wireless telegraphy - 2 notebooks, 1900-1902. Newspaper and magazine clippings, 1899-1903.
1140.4 Mf.P. 131.3	Miscellaneous correspondence after 1905. References and endorsements, 1908-1922. Information given, 1910-1922. Information requested by Fessenden, 1909-1930. Advertisements, 1911-1930. Social correspondence, 1906-1926. Papers of corporations with which Fessenden was associated. American Telephone and Telegraph Company. G. C. Campbell, 1910-1913. General, 1917-1927. Vail and Carty, 1907-1917. Atlantic and Pacific Radio Corporation. General, 1916-1924. Atlantic Communication Company. Knight Brothers, 1915-1920. Dr. K. G. Frank, 1915-1922. General Electric Company. General, 1915-1930. Patent Department, 1905-1910. Generation and storage of power from natural sources, 1909. Power storage and coal dust engine data and correspon- dence, 1911. Albert G. Davis, 1924-1928. Selected letters returned from office of H. J. and H., 1917-1925. Electric ship propulsion, 1909-1926.

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1140.6 M.F.P. 131.5-.6	Hay Walker, President, 1906-July, 1908. A. E. Braun, Secretary-Treasurer, 1905-July, 1906.
1140.7 M.F.P. 131.6-.7	A. E. Braun, Secretary-Treasurer, August, 1906-October, 1909.
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1140.9 M.F.P. 131.8-.9	Fessenden and Brant Rock staff, July-December, 1910. Selected letters, Given and Walker, 1903-1909. Data relative to files. Fessenden's dismissal, 1910-1911. Notebooks - sketches and drawings, 1904-1905.
1140.10 M.F.P. 131.9	Experiments - Notes and sketches, 1906-1909. Operating Department reports, 1910.
1140.11 M.F.P. 131.9-10	Operating Department, sending reports, 1907. Newspaper clippings, 1905-1908.
1140.12 M.F.P. 131.10	Newspaper clippings, 1908-1909. * Photographs.
1140.13 M.F.P. 131.10	* Photographs, 1905-1906.

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1140.20 M.F.P. 131.16-17	Submarine Board, Optical office, 1919. Internal Revenue, 1918-1920. Inter-Departmental Radio Board, 1920. Government Printing Office, 1919. Bureau of Ordnance, 1918-1920. Department of Justice, 1919. Government Departments - General National Research Council, 1918. Council of National Defense, 1917-1918. J. T. Tompkins, Naval Operations, 1918-1919. E. Stuart Tucker, Navy Yard, New York, 1920. Bureau of Construction and Repair, 1917-1919. Special Naval Board on submarine devices, 1917-1918. Report of anti-submarine work - Naval Experimental Station, 1918. Reports of Submarine Signaling Corporation, Volume I.
1140.21 M.F.P. 131.17-18	Reports of Submarine Signaling Corporation, Volume II. Takata Company. General, 1924. United Fruit Company. General, 1910-1922.

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1140.27 Mf. P. 131.23	Material relative to, 1920-1930. Wireless transmission and reception, 1926. Radio telephone and secrecy sending, clippings, 1902-1928. Photo album of wireless telegraphy apparatus and instruments. Scrapbook of clippings relative to wireless. Tea infusors. Marcus May: Wright, Brown, Quimby and May, 1925 General, 1923-1929. H. F. Sahlin, 1922-1925. John Koren, 1922. Peter Gray and Sons, 1922-1925. Atlas Machine Company, 1921-1922. Aluminum Company of America, 1921-1927.
1140.28 Mf. P. 131.23-24	Data Patent information, etc., 1925-1927. Television Clippings, 1924-1930. Turbo-electric drive, 1908-1928. Bendix Aviation Corporation, 1930. Electric ship propulsion - clippings, 1926.

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1140.38 M.F.P. 131.26 + .28	Christy and Christy, Darwin S. Wolcott, 1904-1908.
1140.39 M.F.P. 131.28 - .29	F. W. H. Clay, 1907.
1140.40 M.F.P. 131.30 - .31	F. W. H. Clay, 1907-1908.
1140.41 M.F.P. 131.31 - .32 - .33	F. W. H. Clay, 1909-1913. Abel and Imray, 1910-1913. Lyman and Fish - Jones, 1926.
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1140.60 P.131.49	1,924,032 - height indicator. 1,991,892 - height indicator. Other materials. Skinner patent application for leather dressing (patent number - 1,847,629), 1929-1932. Original patents, 1893, 1899, 1927.
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1140.73 P.131.58-.59	Patent applications - supplementary file, interference records.
1140.74 P.131.60	Patent applications - supplementary file, interference records. National Electric Signaling Company, foreign Fessenden patents, 1906-1907.
1140.75 P.131.61-.62	National Electric Signaling Company, foreign Fessenden patents, 1907-1908.
1140.76 P.131.62-.63	National Electric Signaling Company, foreign Fessenden patents, 1908-1909.
1140.77 P.131.63-.64	National Electric Signaling Company, foreign Fessenden patents, 1909-1910. Foreign applications and patents - "Oscillator," 1913. "Long wave," 1914.
1140.78 P.131.74	"Vibratory motion," 1914. "Engine," 1914. "Iceberg," 1914. "Phonograph kinetoscopes," 1916.
1140.79 P.131.65-.66	"Exhaust gas storage." "Transmission and reception of sound waves through the ground." "Girder case." "Mine case." "Under-water apparatus."

1887-1935

<u>Box No.</u>	<u>Contents</u>
1140.79 (cont'd)	Patent materials. (continued) Other materials. (continued) "Attuned diaphragm." "Commutator." "Double oscillator." "Methods and apparatus for military and naval purposes."
1140.80 P.131.66-.67	Renewal of British heterodyne patent. Colladon and Strum on Lake Geneva experiments. Sound shadow. Devices for signaling and estimating distances. Methods and apparatus for use in locating submerged vessels. Improved methods and apparatus for use in submarine signaling. Detection and production of compressional waves. Infusors. Determining distance by echo.
1140.81 P.131.67-.68	Foreign applications and patents. Oscillator mountings. Production of sound or compressional waves. Eliminating disturbing energy. Submarine signaling (compensator). Directive signaling. Channel finding. Detecting gun positions. Locating submarines. Utilizing radiant impulses. Submarine signaling. Water line sound screen. Recognition signaling. Bubble screen (sound insulation). Destroying gun positions.
1140.82 P.131.68-.69	French patents, 1902-1910. German patents, 1902-1908. Patents, under International Convention, 1900-1926. Legal disputes. One copy, "Radio Retailer and Jobber," April, 1926. Data for suits, general. Correspondence, 1907-1911.
1140.83 P.131.69-.70	Correspondence, 1912-1920.

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<u>Box No.</u>	<u>Contents</u>
1140.84 P.131.70-.71	Legal disputes. (continued) Correspondence, 1921-1930.
1140.85 P.131.71-.72	Correspondence, 1924-1928. Chronological abstract of letters and events, 1902-1925. Legislation and laws pertaining to combinations and monopolies, 1924-1927. Patent laws, etc.
1140.86 P.131.72	Clippings. Magazines. Browne and Woodworth. National Electric Signaling Company suit - patent statement, 1911-1925. Cash account, etc., 1911-1915. George K. Woodworth - copies of letters furnished, 1917-1931. Hurlburt, Jones, and Hall, 1924-1927.
1140.87 P.131.73-.74	Hurlburt, Jones, and Hall, 1928-1932. Combination Suit. Radio Corporation of America option agreement and release, final form and drafts. Work papers leading up to final draft agreement. Work papers used in combination case. Fessenden statements re Radio Corporation of America suit - patent valuations. Frank J. Staub. Owen D. Young - General Electric Company. Boyd B. Jones file, 1926-1928. Fessenden file, 1927-1928.
1140.88 P.131.74-.75	Plaintiff's declaration. Commonwealth Country Club, 1922-1927. Coolidge Corner Electric Shop, 1925-1929. Fessenden vs. Gordon Dexter of Submarine Signaling Company - bills of complaint, 1920 - exhibits, 1912-1920. Fessenden claims against German Government, 1919-1925. Kintner, receiver, National Electric Signaling Company vs. United States Government, 1916-1925. National Electric Signaling Company receivers vs. United States Government, 1920-1929.

1887-1935

<u>Box No.</u>	<u>Contents</u>
1140.88 (cont'd) P.131.75	Legal disputes. (continued) Printed briefs, etc. National Electric Signaling Company vs. United States Government, 1917-1927. Final documents in National Electric Signaling Company suit. National Electric Signaling Company, Historical, 1896-1926.
1140.89 P.131.75-.76	Fessenden vs. National Electric Signaling Company. Memo "A" - assignment of patents. Summary of 1911-1912 pleadings. 1916 settlement. George K. Woodworth - memo for use in suit, 1915-1925. Memo for use in suits, 1914-1927. Firth testimony, 1908-1929. Failure of Fessenden to assign patents, 1903-1911. Letters re business done or turned down, 1905-1909. Letters in praise of Fessenden's wireless system, 1903-1908. Letters re Fessenden and Walker (#6), 1908-1909. Protesting against Company turning down business (#7). Memoranda (#8). Leading to formation of National Electric Signaling Company, (#9), 1901-1902. Material, 1892-1902. Printed court materials.
1140.90 P.131.76-.77	Copies of letters in files of Browne and Woodworth, 1915-1923. Radio Telephone Company vs. Collins Wireless Telephone Company, 1909-1910. Russell Print vs. Fessenden, 1926. United States Government and Great Britain - Fessenden reimbursement claims, 1907-1917. Suits re breakage of furniture. Mr. Cross, Attorney, 1930-1931. Pittsburg Plate Glass, 1929. Bermuda Line, 1929. Stewart's Colonial Furniture, 1929-1930. Hayward Furniture Company, 1929-1931. Interest in invention and science in general. Medals of award.

Don. Cont'd? - 3

1887-1935

<u>Box No.</u>	<u>Contents</u>
1140.90 (cont'd) P.131.76-.77	Interest in invention and science in general. (continued) Medals of award. (continued) Franklin Institute, John Scott Medal, 1926-1931. Institute of Radio Engineers, 1913-1926. Medals of award, 1912.
1140.91 P.131.77	Clippings and other data re scientific developments. Article file, 1918-1920. Scrapbooks, 1906, 1911-1912. Photos. Clippings, Whitney article on invention, 1925. Scientific clippings, 1926-1930. Aeronautics, 1930. Report on gyroscopic theory, 1914. Pholog or photographic book clippings. Power data clippings, 1922-1928.
1140.92 P.131.77-.78	Radio clippings. "Trusts" - radio and other clippings. Federal Trade Commission, Government Radio action. Submarine S-4 disaster, 1927-1928. American Telephone Company Journal, 1925. Wireless telegraphy and telephony, 1908-1909. Committee on Postal Affairs, Censorship. Other inventors. C. J. Thatcher, 1931. W. E. D. Stokes, 1911-1914. E. Kilburn Scott, 1911-1913. Lambert Schmidt, 1911-1913. Rothamsted Experimental Station, 1921-1926. Charles W. Ridinger, Elihu Root, 1923.
1140.93 P.131.78	Professor George D. Birkhoff, 1918-1933. F. L. O. Wadsworth, 1911. Dr. Birkhoff, reports, 1918-1920. Dr. Lee De Forest, 1915-1929. Thomas A. Edison, 1915-1927. J. Marvin Roberts.
1140.94 P.131.78-.79	Wright Brothers, 1911-1912. Offers of collaboration and/or demonstration from other inventors, 1912-1930.

FESSENDEN, REGINALD A., PAPERS
Massachusetts
Bermuda

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<u>Box No.</u>	<u>Contents</u>
1140.94 (cont'd)	Interest in invention and science in general. (cont'd) Other inventors. (cont'd) Oscar C. Roos, 1928-1929. Personal, 1926-1928. Fessenden writings. <u>Scientific American</u> , 1916-1928. <u>The Encyclopaedia Britannica</u> , 1910-1928. Miscellaneous re scientific writings, 1916-1930. <u>Science</u> , 1900-1928. Cohesion, electricity, magnetism and gravitation. Articles, 1906-1911. One set Fessenden autobiography in <u>Radio News</u> , Jan.-Nov., 1925. Autobiography in <u>Radio News</u> , proof sheets. Autobiography in <u>Radio News</u> , manuscript. Fessenden biographical material.
1140.95 - 1140.99 [MF.P.131.79-.81]	<u>Deluged Civilization</u> See pp. 23-29 of this description. *
1140.100 MF.P.131.81	Miscellaneous personal materials. 1929 Federal and State income taxes. Miscellaneous, 1907-1931. Naval Reserve papers, 1917-1930. Bermuda investments, 1930-1931. Appointment books, 1890-1909. Photographs.
1140.101 MF.P.131.81-.82	Cockburn estate, 1931-1934. Court proceedings. More material on the estate. Charlotte Stockbridge, Housekeeper to Mrs. Cockburn, letters to Mrs. Fessenden, 1931-1933. (Note: Mr. and Mrs. Fessenden were administrators of the estate of Mr. Cockburn, uncle of Mrs. Fessenden.)

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Massachusetts
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<u>Box No.</u>	<u>Contents</u>
1140.102 MF.P.131.82	J. A. Dickson to Mrs. Fessenden, 1931-1933. Mrs. Clare Degen to Mrs. Fessenden, 1931-1934. Mrs. Victoria Cockburn to Mrs. Fessenden, 1933-1935.
1140.103 MF.P.131.82	Miscellaneous personal materials. (cont'd) Miscellaneous clippings and photographs - apparatus data book, 1905-1906. Canadian Company - clipping book. Miscellaneous clippings. Golf and sports clippings. Business methods - clippings. Medical and health clippings. Special clippings.

Note: . MF.P. 88.1 - Copies on fine-grain film of miscellaneous
photographs in Fessenden Papers in Archives, n.d.

Collection: FESSENDEN, REGINALD A., PAPERS

P.C. 1140.95 - 1140.9

[M.F.P. 131.77 -

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Chestnut Hill [Near Boston], Massachusetts
Wistowe, The Flatts, Bermuda

1923-1934, n.d.

Physical Description: 5 fibredex boxes; correspondence, manuscripts, page proof, notes, maps, pamphlets, bulletins, quarterlies, magazine articles, newspaper clippings.

Acquisition: Given by Reginald K. Fessenden, Madison, Connecticut, August, 1944.

Description: After World War I until his death in 1932, Reginald A. Fessenden concentrated on a geographical problem inherent in the classical myths which he called "mytharcheology." Assuming a reasonableness in the myths, he found data consistently confusing for one geographical area and concluded there was a misreading of the geographical descriptions. He determined that the "Atlantic Ocean" of the myths was really a reference to the Ocean of Atlantis (today's remnant is the Caspian Sea) and that this ocean and surrounding territory had been profoundly altered by a deluge, probably a tidal wave.

Fessenden also believed that on the western shore of the Ocean of Atlantis had probably existed a race of men living in an advanced state of civilization, in a veritable Garden of Eden, isolated and protected by natural barriers of water and mountains and that the deluge had dispersed these people, fanning them out in migrations for eventual nations of Greeks, Phoenicians, Egyptians, Sumerians, Finns, and Semites.

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1923-1934, n.d.

PUBLICATION, Deluged Civilization

1923

In 1923, worried that the new colonizations in the area of the Caucasus Isthmus by the Russians would obscure archeological data necessary to support his thesis, he hurried into print with a four-chapter explication of a portion of this theory of the lost civilization as well as two extraneous chapters. In this collection are two copies of page proof and a typescript of The Deluged Civilization of the Caucasus Isthmus (Boston: T. J. Russell Print Co., 1923), Pp. 139, 500 copies. The titles of the chapters are an adequate revelation of the contents:

- I. The Geography of Greek and Semitic Mythology.
- II. Sequences (Traditions of the Deluge, Birthplace of Mankind, etc.)
- III. The Physical Characteristics of the Caucasus Isthmus and Their Influence on Primitive Theology and Science (The Garden of Eden, Description of Atlantis, etc.)
- IV. By-Products of Civilizations (Labor and Capital, Sales Tax, How Edward VII Gave Instructions which Resulted in the Invention of a Device for Advanced Warning of Zeppelin Raids; Langley and the Wright Brothers, etc.).
- V. Solution of Problems (Crop Stabilization, Effects of Over-Organization, Power Storage, etc.).
- VI. The Records of the Ur-Al and of the Cabeiri.

In addition to the above publication, Fessenden was billed \$100 by a linotype company in March, 1923, for printing a 28-page manuscript called, "A Possible Glacial Age Factor, and a Possible Definite Location and Date of the Deluge, and Its Possible Bearing on Race Migration." Only the typescript copy is in this collection.

[Note: There is also a printed flyer dated November 20, 1923, with the heading ADDENDA - "National Council of Jewish Women Opposes Use of Bible in Public Schools," with Fessenden's name printed after the text. A typescript copy and a newspaper clipping from the Boston Transcript which is quoted in the flyer are preserved.]

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[M.F.P. 131.79 - .81]

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CORRESPONDENCE, Deluged Civilization

Correspondence includes ca. 400 letters to Fessenden as well as copies of his own letters to correspondents. Letters are to and from writers and scholars--professional and amateur Egyptologists, Assyriologists, anthropologists, as well as amateur scholars--often members of the St. Botolph Club of Boston. Extended correspondence was exchanged with Edward Chiera, Institute of Oriental Studies, University of Chicago (28 letters); Robert E. Briggs of Boston (32 letters); Edward Gilchrist of the St. Botolph Club (24 letters); and Poet Robert Hillyer (9 letters). Other scholars who shared ideas with Fessenden were W. E. D. Allen of London, author of A History of the Georgian People, 1932; James H. Breasted of the Oriental Institute, Chicago, author of The Conquest of Civilization, 1926; Assyriologist Albert F. Clay, W. J. Holland of the Carnegie Museum in Pittsburg, Geologist George McCready Price, Archeologist Arles Hrdlicka of the Smithsonian Institute and Sir Flinders Petrie of The British School of Archeology in Egypt.

Those with expertise agreed with Fessenden that his hypothesis could only be supported by archeological exploration of the Caucasus Isthmus, possibly in conjunction with Russian scientists. Numbers of letters reveal Fessenden's hopes for an expedition, with Assyriologist Clay, Egyptologist Breasted, Anthropologist Hrdlicka, and Fessenden himself as engineer or "general handy man . . . I can also cook." Letters indicate that in 1925 an endowment was sought from Mrs. Mary B. Longyear, member of the board of the American School of Oriental Research, and a few years later, after successful litigation over patents, Fessenden offered \$10,000 of his own to support an expedition.

Many letters are basically acknowledgments for complimentary copies of The Deluged Civilization of the Caucasus Isthmus such as those from Thomas Edison; Poet John Macy; Senator Henry Cabot Lodge, whose copy is now in the Duke University Library; Lord Balfour; Herbert Weir Smith of Harvard, Scientist Frank W. Very; Hilaire Belloc; C. B. Gulick, a classical scholar; V. S. Illiaschenko, student of philology; Edgar J. Banks, Babylonian scholar; Novelist James Branch Cabell; W. J. H. Strong, research engineer and amateur archeologist; Author Chard Powers Smith; Robert Fulton Blake of the Submarine Signaling Corporation; M. Rostovtzeff, Yale Department of the Classics, etc.

Fessenden sought information on problems in the myths such as flying lizards and exotic citrus fruit, place names, and old maps from the U. S. Department of Agriculture, U. S. Department of War, and Royal Geographical Society of London. His theories of taxation were discussed in some detail by correspondent Charles J. Bullock, the Harvard economist; philology and the tracing of place names were frequent topics with Gilchrist and Briggs. Occasionally letters provide a point of view on the unbecoming reclusiveness of the Lowell Institute in Boston, post-war attitude towards Germany,

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CORRESPONDENCE, Deluged Civilization (Cont'd)

disapproval of Joseph Stalin and the new Russian regime, the Teapot Dome Scandal, architectural credit for the Library of Congress being given to the wrong man, controversy over the Wright Brothers' vs. Langley's contribution to aviation, feasibility of power storage plant on the Alps [to Mussolini], similarities of the secret society of the Cabairi and Freemasonry, etc.

Through the 1920's there are intermittent exchanges with Wilson Follett, editor of the Yale University Press and later an editor at Knopf Publishers concerning publication. While at Yale, Follett rejected Deluged Civilization because advisory scholars took exception to the detail of Fessenden's treatment of ancient Oriental geography, history, folklore, and philology as often inaccurate and believed that his interpretations were more likely to be fanciful than scholarly [June 22, 1923].

Of special interest are two letters to Fessenden's son from W.E.D. Allen from London and Salzburg (February 28 and April 14, 1933) in which he discusses other scholars and scholarship relative to Fessenden's interest in a lost civilization, as well as Fessenden's own scholarship--likening him to Schliemann, the amateur archeologist who uncovered the site of many-layered Troy. Allen advised that two copies of the notes left by Fessenden be placed in two separate banks. [See MISCELLANEOUS, Deluged Civilization below for extent of notes preserved in this collection.]

ADDITIONAL PUBLICATIONS, Deluged Civilization

1924

On March 18, 1924, Chapter 10 of Deluged Civilizations was published in the Christian Science Monitor with the headline, "Finding a Key to the Route Described in the Sacred Writings of the Egyptians." In the collection is a copy of the Monitor "chapter" and the typescript with the title "The Key to the Book of the Dead."

1926

March 8, 1926, Chapter 9 was published in the Christian Science Monitor with the headline "How it was Discovered that All So-Called Myth Lands were the Caucasus." A copy of the newspaper "chapter" is in the collection as well as the typescript copy with the title "The Mother-land of Mankind: the Caucasus."

1927

Chapter 11, "The Egyptian and Aryan Home-Lands," Deluged Civilization of the Caucasus Isthmus, was published by the Massachusetts Bible Society, Boston, 1927, 250 copies. Page proof in the collection indicates that there were ca. 22 pages; the typescript copy is also preserved.

FESSENDEN, REGINALD A., PAPERS

P.C. 1140.95 - 1140.99

[Mf.P. 131.79-.81]

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ADDITIONAL PUBLICATIONS, Deluged Civilization (cont'd)

1933

A hundred copies of a posthumous edition consisting of published and unpublished papers relative to the Deluged Civilization were published by Reginald K. Fessenden, the son. Two of the chapters are those cited above for 1924 and 1926. Preserved are the printer's copy and much of the typescript copy prepared by Fessenden, senior. The tables of contents contains an introduction by the son and the following chapter headings: "The Records of the Pre-Deluge Civilization of the Caucasus Isthmus," Chapter 7, Pp. 4-14; "The Home of Abraham," Chapter 8, Pp. 15-19; "How it was Discovered that the So-Called Myth Lands were the Caucasus Isthmus," Chapter 9, Pp. 20-22 [See also Christian Science Monitor, March 8, 1926]; "Finding a Key to the Sacred Writings of the Egyptians," Chapter 10, Pp. 23-25 [See also Christian Science Monitor, March 18, 1924]; "Cacasia, Mother of the Great Civilizations," Pp. 26-28; "The Morning Land of the Caucasus," Pp. 29-31; "The Zenith of the Babylonian Astronomers," Pp. 32-34; "Plato's Atlantis Word Puzzle," 35-37; "The Egyptian Ten Pre-Deluge Kings of Solon and Plato," Pp. 38-40; "An Apparently Definite Identification on Masons with the Egyptian M-S-N," Pp. 41-44 [Reprint of six-page pamphlet by Bro. Professor Reginald A. Fessenden, P.M., Euclid Lodge, Boston, "An Apparently Definite Identification of Masons with the Egyptian M.S.N." (Liverpool: Merseyside Association of Masonic Research, 1932)]; "Synopsis of Some Unpublished Chapters of The Deluged Civilization," Pp. 47; 2 maps.

MISCELLANEOUS, Deluged Civilization:

Notes: Two folders have miscellaneous notes on place names, primitive word roots, a few handwritten notes; a 12-page typescript called "Eusebius, Preparatio." The balance of the notes are taken from Breasted's Conquest of Civilization, Pliny's Natural History, Rostovtzeff's Irans and Greeks in South Russia, and other secondary sources.

Several folders of newspaper and magazine clippings deal with archeology and contemporary topics discussed by Fessenden in Chapters 4 and 5 in Deluged Civilization. One folder contains pasteups of printer-ready maps and lists of maps.

Pamphlets and Periodicals include Charles J. Bullock's "The American Money Market," 1930; "Bank Advertisements: Ancient and Modern," 1928; "Dionysius of Syracuse--Financier," 1930; The American Schools of Oriental Research--Brochure, 1923-1924 and Bulletin, October, December, 1923; October 1924. Also Josephus Daniels, "Wilson, Master Strategist," The American Legic Monthly, December, 1926; Victor K. Eustafieff, "Cossack Youth," Asia,

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MISCELLANEOUS, Deluged Civilization (cont'd)

January, 1930; "Second General List of Asiatic Names," Royal Geographical Society, 1923, W. E. D. Allen, "The Ancient Caucasus and the Origin of the Georgians," The Asiatic Review, October, 1928; Edward Gilchrist, "The Double Deacon," The Master Mason, April, 1927 [et al].

Re-Arrangement of Papers [Deluged Civilization of the Caucasus Isthmus]

- P.C. 1140.95 Correspondence, Incoming, 1923-1934, n.d.
1140.96 Correspondence, Outgoing, 1923-1933
1140.97 Deluged Civilization, Chapters 1-6, 1923
1140.98 Deluged Civilization, Chapter 10, 1924
Deluged Civilization, Chapter 9, 1926
Deluged Civilization, Chapter 11, 1927
Deluged Civilization, reprinted and unpublished papers,
100 copies printed posthumously,
Chapters 7-10, etc., 1933
1140.99 Newspaper Clippings and Periodical Articles
Miscellaneous Maps and Notes

Autograph Cards:

- | | |
|--|------------------------------------|
| Allen, W. E. D., 1933 | Hinks, Arthur R., 1928 |
| Balfour, Lord, 1924 | Hogan, John V. L., 1924 |
| Bacon, Janet R., 1927 | Holland, W. J., 1926-1927 |
| Banks, Edgar J., 1925 | Hrdlicka, Ales, 1924 |
| Belloc, Hilaire, 1924, 1926 | Illiaschenko, V. S., 1925 |
| Blake, Robert Fulton, 1930 | Kennelly, Arthur, 1926 |
| Briggs, Robert E., 1924-1929 | Lodge, Henry Cabot, 1923 |
| Breasted, James Henry, 1928, 1933 | Longyear, Mary B., 1925 |
| Budge, E. A. Wallis, 1924 | Macy, John, 1923 |
| Bullock, Charles J., 1923, 1926, 1928 | Mundy, Talbot, 1925 |
| Cabell, James Branch, 1930 | Noble, C. Kinsley, 1923 |
| Cary, Earnest, 1929 | Perthes, Justus, 1926 |
| Chiera, Edward, 1924-1927, 1930-1932 | Petrie, Flinders, 1926, 1933 |
| Clay, Albert A., 1923-1924 | Pickard, Greenleaf Whittier, 1924 |
| Cornford, J. M., 1926 | Price, George McCready, 1924, 1930 |
| Edison, Thomas A., 1923 | Rostovtzeff, M., 1933 |
| Evans, Ernestine, 1926 | Serera, C. S., 1925 |
| Erickson, C. Telford, 1924 | Smith, Chard Powers, 1925 |
| Fessenden, Reginald A., 1924-1931 | Smythe, Herbert Weir, 1923 |
| Fessenden, Helen T., 1932 | Strong, William J. H., 1929 |
| Fessenden, Reginald K., 1932 | Tismer [?] S., n.d. |
| Gilchrist, Edward, 1923-1932 | Trott, Howard, 1924 |
| Greenland, George, 1925 | Troubetsky, Princess, 1927 |
| Gulick, C. B., 1925 | Very, Frank W., 1924 |
| Hillyer, Robert, 1924-1926, 1930, n.d. | Wells, Aethetrine (?), n.d. |
| | Woodworth, George K., 1927 |

FESSENDEN, REGINALD A., PAPERS

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Subject Cards:

ARCHEOLOGY

GERMANY

JEWS

LIBRARY OF CONGRESS

LOWELL INSTITUTE, BOSTON

MUSSOLINI

PRAYER IN SCHOOLS

RUSSIA

ST. BOTOLPH CLUB

TEAPOT DOME SCANDAL

WRIGHT BROTHERS

See Also: Helen M. Fessenden, "Looking Far Backwards--The Deluged
Civilization," Fessenden, Builder of Tomorrow's, (New York:
Coward-McCann, Inc., 1940). Copies in Search Room and State
Library.

[Completed 30 August 1975 by Ellen Z. McGrew]

P.C. 1140. 103
(Addition)

WORK SHEET

-32

NUMBER: P.C. 1140 (ADDITION)

NAME OF COLLECTION: FESSENDEN, REGINALD A. PAPERS

DATES: _____

ACQUISITION INFORMATION: Purchased from Douglas Library, Queen's University, Kingston, Canada in August 1977; accessioned August 17, 1977.

PHYSICAL DESCRIPTION: ca. 25 items, xeroopies

HISTORY AND DESCRIPTION: Copies of holdings in the Douglas Library relating to Reginald A. Fessenden.

Work SheetNUMBER: P.C.1140 (Addition)NAME OF COLLECTION: Reginald Fessenden Papers

DATES: _____

ACQUISITION INFORMATION: Gift by G. R. Fitterer, _____, Oakmount, PA
15139, 11 Sept. 1987. Accessioned 26 January 1988 (88.1.50).PHYSICAL DESCRIPTION: 43 pages, electrostatic copiesHISTORY AND DESCRIPTION:

- 1896, December 19 Letter, Fessenden, Western University of Pennsylvania, to Dear Dr. Holland, encl. short biography. 3 pages.
- 1955, April 19 Letter, Dean Fitterer, University of Pittsburgh, to Mr. Francis C. Pray, re visit to NC State Archives and documentation of Fessenden's 1906 Christmas Broadcast. Includes copy of Fessenden's 1906 program, and communication in "Forum" page of IEEE Spectrum (Aug. 1987). 4 pages.
- 1941, Spring "Fessenden" by H. E. Dyche, in Pitt (Magazine), pp.41-43. 3 pages.
- "Modern Radio Was Born in Pitt Laboratory" incomplete typescript. 6 pages.
- 1971, January 24 Newspaper article "64 Years of Radio" by George Sustnam, 2 pages.
- 1978, December 14 "Why Isn't Fessenden a Household Word?" 2 pages.
- "The Western University of Pennsylvania" (see 1856-1908 for Langley and Fessenden). 21 pages.

WORK SHEETNUMBER: P.C. 1140, 104NAME OF COLLECTION: FESSENDEN, REGINALD A., PAPERS (ADDITION)DATES: 1972, 1980

ACQUISITION INFORMATION: Transferred from Archaeology and Historic Preservation Section, Division of Archives and History 1 November 1982; accessioned September 28, 1983.

PHYSICAL DESCRIPTION: 2 volumes, xerocopies and typescripts

HISTORY AND DESCRIPTION: ^① M.A. Thesis (NCSU), 1972 by Michael L. Everette;
② Feasibility study on Fessenden Park, 1980.

Also biography Fessenden: Builder of Tomorrow,
by Helen Fessenden, 1940.

PRIVATE COLLECTIONS WORK SHEET

NUMBER: P.C. 1140 (ADDITION)NAME OF COLLECTION: Fessenden, Reginald A. Papers.

DATES: _____

ACQUISITION INFORMATION: Gift of the Smithsonian Institution, Archives Center,
National Museum of American History, Washington; accessioned December 12, 1985.

PHYSICAL DESCRIPTION: 1 volume, printed

HISTORY AND DESCRIPTION: Register of the George H. Clark Radioana Collection,
c. 1880-1950, by Robt. S. Harding, pub. of Archives Center, Smithsonian
Institution.

PC.1140.1

PRIVATE COLLECTIONS WORK SHEET

NUMBER: PC.1140 (ADDITION)

NAME OF COLLECTION: FESSENDEN, REGINALD A. PAPERS

DATES: _____

ACQUISITION INFORMATION: Gift of William Squire, Dept. of Mechanical and Aerospace Engineering, West Virginia University, Morgantown, WV 26506-6101, May 30, 1989.

PHYSICAL DESCRIPTION: 2 issues of a publication (ARFS BULLETIN)

HISTORY AND DESCRIPTION: Two articles by the donor on Fessenden's work on a television system, published in the ARFS (Amateur Radio Fessenden Society) BULLETIN #24 (Nov 1988) and #30 (May 1989).

WORK SHEETNUMBER: PC.1140.105NAME OF COLLECTION: FESSENDEN, Reginald A., Papers — ADDITIONDATES: 1896-1899

ACQUISITION INFORMATION: Gift of Reginald K. Fessenden, August 1944, but apparently not previously accessioned. Accessioned for record in 2006.

PHYSICAL DESCRIPTION: 1 photograph album (a post binder with metal spine half-bound in maroon crushed levant and green morocco)

HISTORY AND DESCRIPTION: Unlike other photograph albums in the Reginald A. Fessenden Papers, this one is primarily a family album dating from 1896 to 1899 while Fessenden was on the faculty of Western University of Pennsylvania at Pittsburgh (now University of Pittsburgh). The album contains 39 photographs mounted on 19 pages. The majority of the photographs are of Fessenden and his wife Helen Trott Fessenden and their son Reginald K. Fessenden (1893-1945), though some of them appear to be images of some of the faculty at Pittsburgh at the close of the century and a single photograph of the university observatory there.