



Smithsonian
National Museum of American History
Kenneth E. Behring Center

Guide to the Scientists and Inventors Portrait File: photoprints

NMAH.AC.0315

NMAH Staff

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Collection Overview

Repository:	Archives Center, National Museum of American History
Title:	Scientists and Inventors Portrait File: photoprints
Identifier:	NMAH.AC.0315
Date:	undated
Extent:	10 Cubic feet (10 boxes)
Source:	National Museum of American History (U.S.). Division of Physical Sciences
Language:	English .

Administrative Information

Provenance

Trasferred to the Archives Center by the Division of Physical Sciences, circa 1984. File apparently compiled by staff and volunteers in the Division of Physical Sciences.

Processing Information

Collection processed by NMAH Staff.

Preferred Citation

Scientists and Inventors Portrait File, Archives Center, National Museum of American History.

Restrictions

Collection is open for research but 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.

Conditions Governing Use

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Historical

This "collection" is essentially an alphabetical browsing file of copy prints created by the Smithsonian Office of Printing and Photographic Services. The original images are photographs, lithographs, etchings, and other forms of portraits located in Smithsonian collections, especially those of curatorial divisions

located in NATIONAL MUSEUM OF AMERICAN HISTORY, but there are also substantial numbers of images copies from illustrations in books and periodicals. The latter probably were created for use in Museum exhibits and publications over the years.

These prints apparently were gathered from various curatorial divisions and other sources by volunteers, probably under the direction of curator Deborah Warner, Division of Physical Sciences. The prints were dry mounted onto cardboard and identified with the subjects' names and the corresponding OPPS negative numbers in order to serve as a ready reference file.

This is entirely a file of second and third generation images, therefore, and differs in form from most Archives Center collections. The usual handling precautions for photographic imagery do not necessarily apply, and users are free to browse in the files without protective gloves.

Scope and Contents

Although the obvious intention of the organizers of this file was to produce a comprehensive, alphabetical file of images of important scientists, inventors, engineers, and other figures in the history of science and technology, the resulting representation of significant subjects is somewhat haphazard. Also, there are some portraits of subjects outside the intended fields, such as photographer Rudolf Eickemeyer, Jr., and figures from non technological business areas.

Several drawers of file cards accompany the photographs. Some duplicate the names and negative numbers of file images without providing additional information; some provide source data; and some represent images which are not in the file. Most of the National Portrait Gallery items are copied from a study collection of carte de visite and cabinet prints which is uncatalogued: special arrangements to view the originals must be made with that institution.

Arrangement

Collection arranged into one series and arranged alphabetically by subjects' names.

Names and Subject Terms

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

Subjects:

Inventors
Portraits -- Scientists
Scientists

Types of Materials:

Copy prints
Photographs -- Black-and-white photoprints -- Silver gelatin -- 19th-20th century

Names:

National Museum of American History (U.S.). Division of Physical Sciences

Container Listing

Abbe, Cleveland (1838-1916) (1873 photo, original in Division of Political History (now Division of Political and Military History), National Museum of American History, 661

Abbott, Charles Greeley (1872), Secretary, Smithsonian Institution, With unidentified equipment, 33,573 A; With others, at SI Astrophysical Observatory, 4694 C; Holding unidentified device (in SI Archives), 31,750

Portrait in Hammer Coll., NATIONAL MUSEUM OF AMERICAN HISTORY Archives Center, 55,940

Abel, Frederick A. (1827 -1902) Portrait in Division of Political History (now Division of Political and Military History), National Museum of American History, 57,495

Abel, Niels Henrik (1802 -1829) Lithograph, 60,277 D

Abney, Sir William de Wiveleslie (1843), Photo at Wellesley College Observatory, 60,935 A

Achard, Karl Franz (1753 -1821), Engraving (Division of Physical Sciences, NATIONAL MUSEUM OF AMERICAN HISTORY), 56,806

Acheson, Edward G. (1856 -1931), Photo in Division of Physical Sciences, NATIONAL MUSEUM OF AMERICAN HISTORY, 42,434; Lithograph? 76 13922; With Mr. Hagan in office, Monongahela, Pennsylvania, 76-13931

Adams, John Couch (1819- 1892). Photo in Division of Political History (now Division of Political and Military History), National Museum of American History portrait file, 56,809, Engraving? 56,855

Adler, Clement, Copy of halftone reproduction from photograph, 60,991 D

Agassiz, Alexander (1835 -1910), Photo (Division of Graphic Arts, NATIONAL MUSEUM OF AMERICAN HISTORY), 24,815

Agassiz, Louis (1807-1873), Photo, head & shoulders, 45,899; Engraving, standing figure, 49,784 H

Photo, seated figure (Division of Political History, NATIONAL MUSEUM OF AMERICAN HISTORY), 56,811; Photo, seated, reading at table, 56,814

Agricola, Georgius (1494 -1555), Engraving, 50,087

Airy, George Bidwell (1801- 1892), Engraving, 56,867, Engraving (Division of Political History, NATIONAL MUSEUM OF AMERICAN HISTORY), 56,829; Photograph, 56,823

Alexander, Stephen (1806 -1883), Photo in SI Archives, 46,639 E

Alexanderson, E. F. W., Ca. 1920 (From Geo. Clark Radioana Collection, Archives Center), 51,199

Allen, Horatio (1802 1889), Painting, 32,257 A

Allen, Harrison (1841 1897), Carte de visite photoprint? 49,784 J

Allen, John F. (1829 1900), Reproduction of photo from Porter, Engineering Reminiscences, 1908, 48,563

Ampere, Engraving, copy photo in Hammer Collection, NATIONAL MUSEUM OF AMERICAN HISTORY Archives Center, 76,524

Anders, Jonas Angstrom (1814 -1874), Photo in Division of Political History, NATIONAL MUSEUM OF AMERICAN HISTORY, 57,481

Andrews, William (1802 -1880), Photo in Division of Physical Sciences, NATIONAL MUSEUM OF AMERICAN HISTORY, 55,589

Angle, Dr. E. H. (1855- 1930), Painting, 49,896

Angstrom, Knut Johann (1857 -1910), Carte de visite photoprint (?), 1872, in Wellesley College collection, 60,944 G

Appleby, John Francis (1840 -1917), Halftone reproduction of photo from Farm Implement News, 42,788 A

Arago, Francois (French, 1786 -1853), Lithograph in Division of Physical Sciences, NATIONAL MUSEUM OF AMERICAN HISTORY, 55,941; Engraving by Sartain for Eclectic Magazine, 56,799

Archer, Frederick Scott (1813 -1897), photographic inventor, Reproduction, from glass positive photo by R. Cade, 1855, 29,010

Archimedes (287- 212 B.C.), Engraving, 56,119, Mosaic painting, 46,843 E

Argelander, Friedrich Wilhelm (1799 -1875), Photo in collection of Wellesley College Observatory, 60,936, Lithograph, 56,854

Aristotle (Greek philosopher, ca. 400 -330 B.C.), Halftone reproduction of photo of sculpture, from Van der Waerden, Science Awakening, 46,843

Aristippus, Engraving, 56,125

Arkwright, Richard (1732 -1792), Engraving by Jenkins (Division of Political History, NATIONAL MUSEUM OF AMERICAN HISTORY), 49,997

Armstrong, Edwin H. (1890 -1954, radio), Bachrach photo, 3,614; Halftone reproduction of photo: with wife, and portable radio at Palm Beach, 1923 (from Lessing, Men of High Fidelity, 1956), 52,492; With Marconi (halftone from book above), 52,446

Arrhenius, Svante (1859 -1927), Photo in Division of Physical Sciences, NATIONAL MUSEUM OF AMERICAN HISTORY, 56,566

Ashmole, Elias (1617 -1692), Engraving in Division of Political History, NATIONAL MUSEUM OF AMERICAN HISTORY, 57,463

Astor, John Jacob (1763 -1848), Engraving, 33,990?

Atwater, Wilbur Olin (1844 -1907), Photo in Division of Political History, NATIONAL MUSEUM OF AMERICAN HISTORY, 57,483

Aubert, Alexander (1730 -1805), Engraving by Chapman from painting by Drummond, European Magazine (in Division of Physical Sciences, NATIONAL MUSEUM OF AMERICAN HISTORY), 56,807

Audubon, John James (naturalist, artist, 1780 -1851), 1850 lithograph in Division of Political History, NATIONAL MUSEUM OF AMERICAN HISTORY, 57,462

Auwers, Georg Friedrich Julius Arthur (1838- 1915), Carte de visite photoprint by Th. Prümm, Berlin (in collection of Wellesley College Observatory, 60,944

Babcock, George H. (1832 -1893, mech. eng., inventor of boilers, 32,553

Bacon, Roger (1214-1292), 31,721 F

Baekeland, Leo Hendrik (1863), chemist, inventor of bakelite, See Baekeland Collection, Archives Center, for many family photographs.

Baird, Spencer F. (1823 -1887), naturalist, Secretary of Smithsonian Institution, 10,737

Baker, Sir Benjamin (1840 -1907), bridges, dams

Baldwin, Loammi (1780 -1838), civil engineer, 32,825 E

Beach, Alfred Ely (1826- 1896), inventor, civil engineer, 45,544

Bell, Alexander Graham, inventor of the telephone, 842 and 9,823 C

Berliner, E., 8676

Black, Joseph (1728-1799), chemistry, 10,045 G

Boyle, Robert (1627 -1691), 46,834 A, Engraving from Allgemeine Weltgeschichte

Blake, Francis, 9823

Brander, G. F., mechanical engineer, 44,766

Burden, Henry, 47,762

Burt, Wm. A. (1792 -1858), inventor, civil engineer, 15,262 B

Carnegie, Andrew, industrialist, 42,469 A

Cheetham, Harry R., 4240 F

Chesbrough, Ellis S. (1813 -1886), civil engineer, 32,825 F

Church, D. H., inventor, mechanical engineer (power), 17,969 A

Ciamician, Giacomo (1857 -1922) , 47,967 I

Clancy, Major, industrialist, 37,667

Cooper, Peter, industrialist, inventor, 42,776

Corliss, Geo. H., M.E., Inventor (steam engines), 45,973 A

Curtiss, Glenn H., Ind., Inventor (aircraft), 42,731 B

Dalton, John, sci. (chem., 1766 -1844), 9585 B

Edelstein Coll. #46, also engraving in Division of Political History.

Da Vinci, Leonardo, 9585 C

Davy, Sir Humphrey, sci. (chem.) , Postcard copy of Sci. Mus. Mezzotint by C. Turner., 3,585

De Forest, Dr. Lee, sci. (radio), 42,489

De Prony, Gaspard, C.F.M.R., C.E. (1755 -1839), 32, 825 G, 32,831 A

De Ville, Henri S.C. (1818 -1881), 47967 K

Dickinson, Dr. H.W., 42,922, 42,922 A

Edison, Thomas, Inventor, 33,553, also Wood engr., AE 32

Eiffel, Alexandre Gustave, C.E. (1832 -1923), 46,666 K

Einstein, Albert (1879-1955), theoretical physicist

[Image\(s\)](#)

Box 2, Item Negative
Number 37,117

[Albert Einstein] [Portrait], Circa 1900-1955
1 Item (Silver gelatin on paper.; 10.7 x 8.1 in.)

Einstein, Albert, 1879-1955

English.

Photographer unknown. Copy print. Albert Einstein sitting in a chair
presumably discussing a topic with someone. He holds a paper with print on
it in his right hand.

Local Numbers

AC0315-0000001.tif (AC Scan)

Names: Einstein, Albert, 1879-1955

Topic: Inventors
Physics
Portrait
Scientists

Genre/
Form: Copy prints
Photographs
Portrait prints

Ellet, Charles, Jr., C.E., P'copy engraving, 32,825 S

Ellicott, Andrew, C.E., 11,353

Ericsson, John (1803 -1889), M.E., C.E., Inventor, 33,982,37,274

Espy, James Pollard (1785 -1860), 57,052

Evans, Oliver, M.E. (steam), 5,065

Faraday, Michael, Inventor, 3,585 B

Farmer, Moses, Inventor, 20,005

Field, Cyrus W., Ind., 1,231

Fink, Albert (1827 -1897), C.E. (bridges), 45,354

Fourneyron, Benoit, C.E. (hydraulics), 32,825 C

Francis, James B. (1815-1892), C.E., Inventor, 32,825 X

Franklin, Benjamin, Inventor, 11,710 F

Gauss, Carl F., physicist, 9585 E

Giffard, Henri (1825 -1882), M.E. (steam), 19,942 B

Gorrie, John, inventor (refrigeration), 42,741

Gray, Elisha, inventor (telephone), 42,469

Guericke, Otto von, physicist, 46,838

Guye, Phillippe A. (1862- 1922), 47967 H

Hassler, Ferdinand, science, 45,810

Helmholtz, H.L.F., physicist, 9560 B

Henry, Prof. Joseph (1797 -1878), physicist Secretary of Smithsonian Institution, 42,836

Hoe, 32,375

Hornblower, Josiah, M.E. (steam), 766

Hyatt, John Wesley, inventor, 42,731 E

Huygens, Christian (1724), 10,907 E

Jervis, John B., C.E. (RR's, canals), 32,831

Jones, John (1852), 30,996

Jones, Joseph W., inventor, 42,732 B

Leibnitz, Gottfried Wilhelm (1646 -1716), 13,189 B, Engraving by Hall, Division of Political History

Lippencott, Jesse, 37,667 A

Lombard, Thomas R., 37,667 A

Lomonosov, Michail V. (1711-1765), 47,967 D

Manly, Charles Matthews, Inventor, 42,731 F

Marsh, E. A., M.E., inventor, 17,969

Maxwell, James Clark, C.E., inventor, 9585 0

Mayer, Francis B., 34,406

Mergenthaler, Ottmar, Inventor (linotype), 18,501 C

Meyer, Victor (1848 -1897), 47,967 F

Monge, Gaspard (1746 -1818), C.E., 32,825 R, 32,825 V

Moissen, Ferdinard F.H. (1852 1907), 47,967

Morse, Samuel F. B. Inventor (telegraph), painter, daguerreotypist, 1,125, 29,651 A, 21,376 B, 36,382

Moureau, Charles (1863 1929), 47,967 B

Napier, John (1550 1617), Math., 38,169 A

Newton, Sir Isaac (1642 1727), 9585 M, from engraving by E. Scriven, Division of Physical Sciences

Nernst, Walther (1864), 47,967

Otis, Elisha Graves (1811 1861), M.E., Ind. (elevators), 42,732 F

Otto, Nicholas August, Inventor (internal combustion), 8,189, [AE I 507] and [AE I 30] photo from K H D Ag

Papin, Denys (1647 1714), M.E. (steam), 10,888 B

Paracelsus, 45,357

della Porta, Johann Baptista (1543 1615), M.E. , 19 248 B

Pullman, Geo. M., Ind., Inventor, 42,731 C

Pupin, Michael I., Inventor, 42,788

Ramelli, Augustino (1531 1590), M.E, 34,755

Ramsden, Jesse, M.E., Sci., 45,203

Read, Nathan, Inventor, M.E., 1,231 A

Redfield, William C. (1789 1857), 57,053

Rennie, John (1761 1821), C.E., M.E., 32,825 Y

Richards, Charles Brinkerhoff, M.E. (steam) (1833 1919), 45,477

Rittenhouse, David, Sci., Inventor, Instrument Maker, 38,291

Roebing, John August (1806 1869), C.E. (bridges, wire rope), 32,825 Z, copy engraving

Ernst Rutherford (1871-1937)

Ernst Rutherford, portrait : photoprint

1 Item

Undetermined.

OPPS copy print filed alphabetically.

Original photograph in Division of Physical Sciences?

Local Numbers

55,386 (OPPS Neg.)

Bibliography

Reproduced in computer-manipulated version by Sergey Ivanov in
Pamela Thorne, "Rutherford's Reenactment," SCIENCE SCOPE
(National Science Teachers Assn.), vol. 17, no. 2 (Oct. 1993), p. 44.

Names: Rutherford, Ernst, 1871-1937

Topic: Scientists

Savery, Thomas (1650 1715), M.E. (steam), 10,888 C

Schick, Col. Jacob, Inventor, 43,079

Sellers, Wm., M.E., Inventor, 19,942 C

Sholes, Christopher L., Inventor (typewriter), 15,262 A

Smithson, James, Sci., founder of Smithsonian Institution, 42,232

Spencer, Chas. A., Inventor, 42,732 C

Sperry, Elmer A., Inventor, 42,732

Sprague, Frank J., Inventor, E.E., 42,731 G

Stanley, William, Inventor, 42,732 E

Steinmetz, Dr. Charles Proteus, Inventor, E.E., 42,732 D

Sturtevant, B.F., inventor, 42,732 A

Swasey, Ambrose, inventor, 42,731 D

Tainter, Charles Sumner, inventor (telephone, phonograph), 42,729 A

Tate, Alfred O. (1893), 37,667

Terry, Eli, inventor, ind. (clocks), 11,017 A-18,091

Thomas, Seth, ind., inventor (clocks), 18,091 A

Thomson, Elihu, E.E., inventor, 42,309

Tycho Brahe, astronomer, 9,252

Vail, Alfred, Ind. (RR's), 34,651

[Image\(s\)](#)

Box 5, Item Negative
Number 34,651

[Alfred Vail] [Portrait], Circa 1820-1860
1 Item (Silver gelatin on paper.; 6.0 x 4.2 in.)

[Image\(s\)](#)

Vail, Alfred, 1807-1859, Inventor

English.

Photographer unknown. Copy print. Alfred Vail sitting on a chair with his right
and on a table and his left holding an umbrella.

Local Numbers

AC0315-0000002.tif (AC Scan)

Names: Vail, Alfred, 1807-1859

Topic: Engineering
Inventors
Portrait
Scientists
Telegraph

Genre/
Form: Copy prints
Photographs
Portrait prints

Vail, Theodore N., inventor, ind. (telephone & telegraph), *9,823 A

Volta, Alessandro, inventor, 18,529 A

Waddell, J.A.L., chemical engineer, 45,719

Wallachi, Otto, 47,967

Watson, Thomas A., inventor (telephone), 9,823 B

Watt, James, mechanical engineer, chemical engineer, inventor, 9,584 K

Westinghouse, George inventor, ind., 2867-2867 A

Wheatstone, Sir Charles, physicist, inventor of stereoscope, kaleidoscope, and
concertina, 38,377

Wilcox, Stephen (1830-1893), mechanical engineer, inventor (boilers), 32,553 A

Willard, Simon, ind., clockmaker, 18,091 B

Witt, Otto N. (1853 1915), 47,967 C

Wright, Orville, inventor, 42,731

Wright, Wilbur, inventor, 42,731 A

Yale, Linus, inventor, 42,820