



Smithsonian

National Museum of American History Kenneth E. Behring Center

Guide to the Scientists and Inventors Portrait File: photoprints

NMAH.AC.0315

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Collection Overview

Repository:	Archives Center, National Museum of American History
Title:	Scientists and Inventors Portrait File: photoprints
Date:	undated
Identifier:	NMAH.AC.0315
Source:	National Museum of American History (U.S.). Division of Physical Sciences (Compiler)
Extent:	10 Cubic feet (10 boxes)
Language:	English .
Summary:	Copy prints created by the Smithsonian Office of Printing and Photography of portraits of important scientists and others in Smithsonian collections.

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

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

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 copied 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

Series 1: Photoprints

Box 1	Abbe, Cleveland (1838-1916) Notes: (1873 photo, original in Division of Political History (now Division of Political and Military History), National Museum of American History, 661
Box 1	Abbott, Charles Greeley (1872) Notes: Secretary, Smithsonian Institution, With unidentified equipment, 33,573 A. Portrait in Hammer Collection (NMAH.AC.0069), Archives Center, 55,940. With others, at SI Astrophysical Observatory, 4694 C; Holding unidentified device (in SI Archives), 31,750
Box 1	Abel, Frederick A. (1827 -1902) Notes: Portrait in Division of Political History (now Division of Political and Military History), National Museum of American History, 57,495
Box 1	Abel, Niels Henrik (1802 -1829) Lithograph, 60,277 D
Box 1	Abney, Sir William de Wiveleslie (1843) Notes: Photo at Wellesley College Observatory, 60,935 A.
Box 1	Achard, Karl Franz (1753 -1821) Notes: Engraving (Division of Physical Sciences, National Museum of American History), 56,806.
Box 1	Acheson, Edward G. (1856 -1931) Notes: 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
Box 1	Adams, John Couch (1819- 1892). Notes: 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.
Box 1	Adler, Clement Notes: Copy of halftone reproduction from photograph, 60,991 D.
Box 1	Agassiz, Alexander (1835 -1910) Notes: Photo (Division of Graphic Arts, National Museum of American History), 24,815
Box 1	Agassiz, Louis (1807-1873)

Notes: Photo, head & shoulders, 45,899; Engraving, standing figure, 49,784
H

Box 1	Photo, seated figure (Division of Political History, National Museum of American History), 56,811; Photo, seated, reading at table, 56,814
Box 1	Agricola, Georgius (1494 -1555), Engraving, 50,087
Box 1	Airy, George Bidwell (1801- 1892), Engraving, 56,867, Engraving (Division of Political History, National Museum of American History), 56,829; Photograph, 56,823
Box 1	Alexander, Stephen (1806 -1883), Photo in SI Archives, 46,639 E
Box 1	Alexanderson, E. F. W., Ca. 1920 (From Geo. Clark Radioana Collection, Archives Center), 51,199
Box 1	Allen, Horatio (1802 1889), Painting, 32,257 A
Box 1	Allen, Harrison (1841 1897), Carte de visite photoprint? 49,784 J
Box 1	Allen, John F. (1829 1900), Reproduction of photo from Porter, Engineering Reminiscences, 1908, 48,563
Box 1	Ampere, Engraving, copy photo in Hammer Collection, National Museum of American History Archives Center, 76,524
Box 1	Anders, Jonas Angstrom (1814 -1874), Photo in Division of Political History, National Museum of American History, 57,481
Box 1	Andrews, William (1802 -1880), Photo in Division of Physical Sciences, National Museum of American History, 55,589
Box 1	Angle, Dr. E. H. (1855- 1930), Painting, 49,896
Box 1	Angstrom, Knut Johann (1857 -1910), Carte de visite photoprint (?), 1872, in Wellesley College collection, 60,944 G
Box 1	Appleby, John Francis (1840 -1917), Halftone reproduction of photo from Farm Implement News, 42,788 A
Box 1	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
Box 1	Archer, Frederick Scott (1813 -1897), photographic inventor, Reproduction, from glass positive photo by R. Cade, 1855, 29,010

Box 1	Archimedes (287- 212 B.C.), Engraving, 56,119, Mosaic painting, 46,843 E
Box 1	Argelander, Friedrich Wilhelm (1799 -1875), Photo in collection of Wellesley College Observatory, 60,936, Lithograph, 56,854
Box 1	Aristotle (Greek philosopher, ca. 400 -330 B.C.), Halftone reproduction of photo of sculpture, from Van der Waerden, Science Awakening, 46,843
Box 1	Aristippus, Engraving, 56,125
Box 1	Arkwright, Richard (1732 1792), Engraving by Jenkins (Division of Political History, National Museum of American History), 49,997
Box 1	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
Box 1	Arrhenius, Svante (1859 -1927), Photo in Division of Physical Sciences, National Museum of American History, 56,566
Box 1	Ashmole, Elias (1617 -1692), Engraving in Division of Political History, National Museum of American History, 57,463
Box 1	Astor, John Jacob (1763 -1848), Engraving, 33,990?
Box 1	Atwater, Wilbur Olin (1844 -1907), Photo in Division of Political History, National Museum of American History, 57,483
Box 1	Aubert, Alexander (1730 -1805) Notes: Engraving by Chapman from painting by Drummond, European Magazine (in Division of Physical Sciences, National Museum of American History), 56,807.
Box 1	Audubon, John James (naturalist, artist, 1780 -1851) Notes: 1850 lithograph in Division of Political History, National Museum of American History, 57,462.
Box 1	Auwers, Georg Friedrich Julius Arthur (1838- 1915) Notes: Carte de visite photoprint by Th. Prümm, Berlin (in collection of Wellesley College Observatory, 60,944
Box 1	Babcock, George H. (1832 -1893, mech. eng., inventor of boilers, 32,553
Box 1	Bacon, Roger (1214-1292), 31,721 F
Box 1	Baekeland, Leo Hendrik (1863), chemist, inventor of bakelite.

Notes: See Baekeland Collection, Archives Center, for many family photographs.

Box 1	Baird, Spencer F. (1823 -1887), naturalist, Secretary of Smithsonian Institution, 10,737
Box 1	Baker, Sir Benjamin (1840 -1907), bridges, dams
Box 1	Baldwin, Loammi (1780 -1838), civil engineer, 32,825 E
Box 1	Beach, Alfred Ely (1826- 1896), inventor, civil engineer, 45,544
Box 1	Bell, Alexander Graham, inventor of the telephone, 842 and 9,823 C
Box 1	Berliner, E., 8676
Box 1	Black, Joseph (1728-1799), chemistry, 10,045 G
Box 1	Boyle, Robert (1627 -1691), 46,834 A, Engraving from Allgemeine Weltgeschichte
Box 1	Blake, Francis, 9823
Box 1	Brander, G. F., mechanical engineer, 44,766
Box 1	Burden, Henry, 47,762
Box 1	Burt, Wm. A. (1792 -1858), inventor, civil engineer, 15,262 B
Box 1	Carnegie, Andrew, industrialist, 42,469 A
Box 1	Cheetham, Harry R., 4240 F
Box 1	Chesbrough, Ellis S. (1813 -1886), civil engineer, 32,825 F
Box 1	Church, D. H., inventor, mechanical engineer (power), 17,969 A
Box 1	Ciamician, Giacomo (1857 -1922) , 47,967 I
Box 1	Clancy, Major, industrialist, 37,667
Box 1	Cooper, Peter, industrialist, inventor, 42,776
Box 1	Corliss, Geo. H., M.E., Inventor (steam engines), 45,973 A
Box 2	Curtiss, Glenn H., Ind., Inventor (aircraft), 42,731 B
Box 2	Dalton, John, sci. (chem., 1766 -1844), 9585 B

Box 2	Edelstein Coll. #46, also engraving in Division of Political History.
Box 2	Da Vinci, Leonardo, 9585 C
Box 2	Davy, Sir Humphrey, sci. (chemistry) Notes: Postcard copy of Sci. Mus. Mezzotint by C. Turner., 3,585
Box 2	De Forest, Dr. Lee, sci. (radio), 42,489
Box 2	De Prony, Gaspard, C.F.M.R., C.E. (1755 -1839), 32, 825 G, 32,831 A
Box 2	De Ville, Henri S.C. (1818 -1881), 47967 K
Box 2	Dickinson, Dr. H.W., 42,922, 42,922 A
Box 2	Edison, Thomas, Inventor, 33,553, also Wood engr., AE 32
Box 2	Eiffel, Alexandre Gustave, C.E. (1832 -1923), 46,666 K
Box 2	Einstein, Albert (1879-1955), theoretical physicist
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.) Creator: Einstein, Albert, 1879-1955 Language: English. Notes: AC0315-0000001.tif (AC Scan) 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. Names: Einstein, Albert, 1879-1955 Topic: Portrait Scientists Inventors Physics Genre/Form: Portrait prints Copy prints Photographs
Box 2	Ellet, Charles, Jr., C.E., P'copy engraving, 32,825 S
Box 2	Ellicott, Andrew, C.E., 11,353
Box 2	Ericsson, John (1803 -1889), M.E., C.E., Inventor, 33,982,37,274
Box 2	Espy, James Pollard (1785 -1860), 57,052
Box 2	Evans, Oliver, M.E. (steam), 5,065

Box 2	Faraday, Michael, Inventor, 3,585 B
Box 2	Farmer, Moses, Inventor, 20,005
Box 2	Field, Cyrus W., Ind., 1,231
Box 2	Fink, Albert (1827 -1897), C.E. (bridges), 45,354
Box 2	Fourneyron, Benoit, C.E. (hydraulics), 32,825 C
Box 2	Francis, James B. (1815-1892), C.E., Inventor, 32,825 X
Box 2	Franklin, Benjamin, Inventor, 11,710 F
Box 2	Gauss, Carl F., physicist, 9585 E
Box 2	Giffard, Henri (1825 -1882), M.E. (steam), 19,942 B
Box 3	Gorrie, John, inventor (refrigeration), 42,741
Box 3	Gray, Elisha, inventor (telephone), 42,469
Box 3	Guericke, Otto von, physicist, 46,838
Box 3	Guye, Phillippe A. (1862- 1922), 47967 H
Box 3	Hassler, Ferdinand, science, 45,810
Box 3	Helmholtz, H.L.F., physicist, 9560 B
Box 3	Henry, Prof. Joseph (1797 -1878), physicist Secretary of Smithsonian Institution, 42,836
Box 3	Hoe, 32,375
Box 3	Hornblower, Josiah, M.E. (steam), 766
Box 3	Hyatt, John Wesley, inventor, 42,731 E
Box 3	Huygens, Christian (1724), 10.907 E
Box 3	Jervis, John B., C.E. (RR's, canals), 32,831
Box 3	Jones, John (1852), 30,996
Box 3	Jones, Joseph W., inventor, 42,732 B

Box 3	Leibnitz, Gottfried Wilhelm (1646 -1716), 13,189 B, Engraving by Hall, Division of Political History
Box 4	Lippencott, Jesse, 37,667 A
Box 4	Lombard, Thomas R., 37,667 A
Box 4	Lomonosov, Michail V. (1711-1765), 47,967 D
Box 4	Manly, Charles Matthews, Inventor, 42,731 F
Box 4	Marsh, E. A., M.E., inventor, 17,969
Box 4	Maxwell, James Clark, C.E., inventor, 9585 0
Box 4	Mayer, Francis B., 34,406
Box 4	Mergenthaler, Ottmar, Inventor (linotype), 18,501 C
Box 4	Meyer, Victor (1848 -1897), 47,967 F
Box 4	Monge, Gaspard (1746 -1818), C.E., 32,825 R, 32,825 V
Box 4	Moissen, Ferdinand F.H. (1852 1907), 47,967
Box 4	Morse, Samuel F. B. Inventor (telegraph), painter, daguerreotypist, 1,125, 29,651 A, 21,376 B, 36,382
Box 4	Moureau, Charles (1863 1929), 47,967 B
Box 4	Napier, John (1550 1617), Math., 38,169 A
Box 4	Newton, Sir Isaac (1642 1727), 9585 M, from engraving by E. Scriven, Division of Physical Sciences
Box 4	Nernst, Walther (1864), 47,967
Box 4	Otis, Elisha Graves (1811 1861), M.E., Ind. (elevators), 42,732 F
Box 4	Otto, Nicholas August, Inventor (internal combustion), 8,189, [AE I 507] and [AE I 30] photo from K H D Ag
Box 4	Papin, Denys (1647 1714), M.E. (steam), 10,888 B
Box 4	Paracelsus, 45,357
Box 4	della Porta, Johann Baptista (1543 1615), M.E. , 19 248 B

Box 4	Pullman, Geo. M., Ind., Inventor, 42,731 C
Box 4	Pupin, Michael I., Inventor, 42,788
Box 4	Ramelli, Augustino (1531 1590), M.E, 34,755
Box 4	Ramsden, Jesse, M.E., Sci., 45,203
Box 4	Read, Nathan, Inventor, M.E., 1,231 A
Box 4	Redfield, William C. (1789 1857), 57,053
Box 4	Rennie, John (1761 1821), C.E., M.E., 32,825 Y
Box 4	Richards, Charles Brinkerhoff, M.E. (steam) (1833 1919), 45,477
Box 4	Rittenhouse, David, Sci., Inventor, Instrument Maker, 38,291
Box 4	Roebing, John August (1806 1869), C.E. (bridges, wire rope), 32,825 Z, copy engraving
Box 5	Ernst Rutherford (1871-1937)
Box 5	<p>Ernst Rutherford, portrait : photoprint 1 Item Language: Undetermined. Notes: 55,386 (OPPS Neg.) Original photograph in Division of Physical Sciences? OPPS copy print filed alphabetically. 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.</p> <p>Names: Rutherford, Ernst, 1871-1937 Topic: Scientists</p>
Box 4	Savery, Thomas (1650 1715), M.E. (steam), 10,888 C
Box 4	Schick, Col. Jacob, Inventor, 43,079
Box 4	Sellers, Wm., M.E., Inventor, 19,942 C
Box 4	Sholes, Christopher L., Inventor (typewriter), 15,262 A
Box 4	Smithson, James, Sci., founder of Smithsonian Institution, 42,232
Box 4	Spencer, Chas. A., Inventor, 42,732 C

Box 4	Sperry, Elmer A., Inventor, 42,732
Box 4	Sprague, Frank J., Inventor, E.E., 42,731 G
Box 4	Stanley, William, Inventor, 42,732 E
Box 4	Steinmetz, Dr. Charles Proteus, Inventor, E.E., 42,732 D
Box 4	Sturtevant, B.F., inventor, 42,732 A
Box 4	Swasey, Ambrose, inventor, 42,731 D
Box 4	Tainter, Charles Sumner, inventor (telephone, phonograph), 42,729 A
Box 4	Tate, Alfred O. (1893), 37,667
Box 4	Terry, Eli, inventor, ind. (clocks), 11,017 A-18,091
Box 4	Thomas, Seth, ind., inventor (clocks), 18,091 A
Box 4	Thomson, Elihu, E.E., inventor, 42,309
Box 4	Tycho Brahe, astronomer, 9,252
Box 4	Vail, Alfred, Ind. (RR's), 34,651
Box 5, Item Negative Number 34,651	<p>[Alfred Vail] [Portrait], Circa 1820-1860 1 Item (Silver gelatin on paper.; 6.0 x 4.2 in.) Inventor: Vail, Alfred, 1807-1859 Language: English. Notes: AC0315-0000002.tif (AC Scan) Photographer unknown. Copy print. Alfred Vail sitting on a chair with his right and on a table and his left holding an umbrella.</p> <p>Names: Vail, Alfred, 1807-1859 Topic: Portrait Scientists Inventors Engineering Telegraph</p> <p>Genre/Form: Portrait prints Copy prints Photographs</p>
Box 4	Vail, Theodore N., inventor, ind. (telephone & telegraph), *9,823 A
Box 4	Volta, Alessandro, inventor, 18,529 A

Box 4	Waddell, J.A.L., chemical engineer, 45,719
Box 4	Wallachi, Otto, 47,967
Box 4	Watson, Thomas A., inventor (telephone), 9,823 B
Box 4	Watt, James, mechanical engineer, chemical engineer, inventor, 9,584 K
Box 4	Westinghouse, George inventor, ind., 2867-2867 A
Box 4	Wheatstone, Sir Charles, physicist, inventor of stereoscope, kaleidoscope, and concertina, 38,377
Box 4	Wilcox, Stephen (1830-1893), mechanical engineer, inventor (boilers), 32,553 A
Box 4	Willard, Simon, ind., clockmaker, 18,091 B
Box 4	Witt, Otto N. (1853 1915), 47,967 C
Box 4	Wright, Orville, inventor, 42,731
Box 4	Wright, Wilbur, inventor, 42,731 A
Box 4	Yale, Linus, inventor, 42,820
Box 6	Duplicates by Negative: #7838-#45424
Box 7	Duplicates by Negative: #45,477-\$56,807
Box 8	Duplicates by Negative: #58,856-60,963
Box 9	Duplicates by Negative: #60091 and card file A-Hume
Box 10	Card File Notes: Box contains four small shoe boxes of card files (index cards) in alphabetical order.

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