

## Outline of Photography January 2, 2012

### ARTS>Photography

#### calotype

Colored photographs can use light-sensitive paper {calotype} {talbotype} to make negative print and then positive print.

#### daguerreotype

Black-and-white photography improved {daguerreotype}.

#### dry collodion process

Collodion plates can have gelatin coatings {dry collodion process}.

#### kinemacolor

color-film type {kinemacolor}.

#### microfilm

Film {microfilm} can have high-resolution and record pages.

#### stereoscope

Photographers can make two pictures, one for each eye. Instruments {stereoscope} can have two separate eyepieces through which to view the pictures, to give three-dimensional views.

#### tintype

Photographs can be tin etchings {tintype}.

#### wet collodion process

Photographs in wet colloids used bulky plates and big cameras {wet collodion process}.

### ARTS>Photography>History

#### Jacob Christof Le Blon [Le Blon, Jacob Christof]

inventor

Germany

1725

He lived 1667 to 1741 and introduced color plates.

#### Joseph Niepce [Niepce, Joseph]

inventor/photographer

USA

1822

photography [1822]

He lived 1765 to 1833 and invented photography. Light darkens silver chloride or silver bromide, and then sodium hypochlorite fixes it.

#### Louis J. M. Daguerre [Daguerre, Louis J. M.]

inventor/photographer

France

1837

He lived 1787 to 1851 and invented daguerreotype.

#### John Benjamin Dancer [Dancer, John Benjamin]

inventor

England

1839  
microfilm [1839]  
He lived 1812 to 1889 and invented microfilm.

**William Henry Fox Talbot [Talbot, William Henry Fox]**

inventor/photographer  
USA  
1839  
He lived 1800 to 1877 and invented calotype.

**Robert Bingham [Bingham, Robert]**

inventor  
England  
1850  
He lived 1824 to 1870 and invented dry collodion process. Process became efficient later [1871].

**Frederick Scott Archer [Archer, Frederick Scott]**

photographer  
USA  
1851  
He lived 1813 to 1857 and used wet collodion process.

**Hamilton Smith [Smith, Hamilton]**

inventor  
USA  
1856  
tintype or ferrotype  
He invented tintype.

**Matthew B. Brady [Brady, Matthew B.]**

photographer  
USA  
1860 to 1865  
He lived 1823 to 1896. His Civil War photographs used dry collodion process.

**Eadweard Muybridge [Muybridge, Eadweard]**

photographer  
England  
1870 to 1880  
He lived 1830 to 1904. His action photographs used dry collodion process.

**George Eastman [Eastman, George]**

inventor  
USA  
1884 to 1888  
roll film [1884]; Kodak camera [1888]  
He lived 1854 to 1932 and invented roll film and cameras.

**Jacob Riis [Riis, Jacob]**

photographer  
USA  
1890  
Studies of the Tenements of New York [1890]; How the Other Half Lives [1890]  
He lived 1849 to 1914 and photographed slums.

**Alfred Stieglitz [Stieglitz, Alfred]**

photographer  
USA  
1897 to 1907  
Hand Camera: its present importance [1897]  
He lived 1864 to 1946.

**Edward Curtis [Curtis, Edward]**

photographer  
USA  
1900 to 1930  
He lived 1868 to 1952 and took still and moving American-Indian pictures.

**George Albert Smith [Smith, George Albert]**

inventor  
England  
1906  
He invented kinemacolor.

**Leon Douglass [Douglass, Leon]**

inventor  
USA  
1918 to 1935  
Cupid Angling [1918: with Ruth Roland]  
He invented color travelogues. Technicolor came from it [1935], requiring only one exposure.

**Edward Steichen [Steichen, Edward]**

photographer/director  
USA  
1923 to 1947  
Family of Man [1923 and 1947]; Fighting Lady [1944: documentary]  
He lived 1879 to 1973.

**Margaret Bourke-White [Bourke-White, Margaret]**

photographer  
England  
1927 to 1936  
She lived 1904 to 1971 and took farm-worker photographs.

**Alfred Eisenstadt [Eisenstadt, Alfred]**

photographer  
USA  
1932 to 1954  
He lived 1898 to 1995.

**Ansel Adams [Adams, Ansel]**

photographer  
USA  
1933 to 1942  
He lived 1902 to 1984 and took nature photographs.

**Dorothea Lange [Lange, Dorothea]**

photographer  
USA  
1933 to 1942  
She lived 1895 to 1965 and took farm-worker photographs.

**Berenice Abbott [Abbott, Berenice]**

photographer

USA

1935 to 1938

She lived 1898 to 1991, took portraits, and photographed New York City scenes.