

SYNTAX AND PICTORIAL SYNTAX



Albrecht Dürer, c 1500's



Andrea Mantegna



Albrecht Dürer, c 1500's



Andrea Mantegna



Albrecht Dürer, c 1500's



Andrea Mantegna



Albrecht Dürer, *Mother*, 1514







Daguerreotype

versus

Ambrotype







Daguerreotype Camera



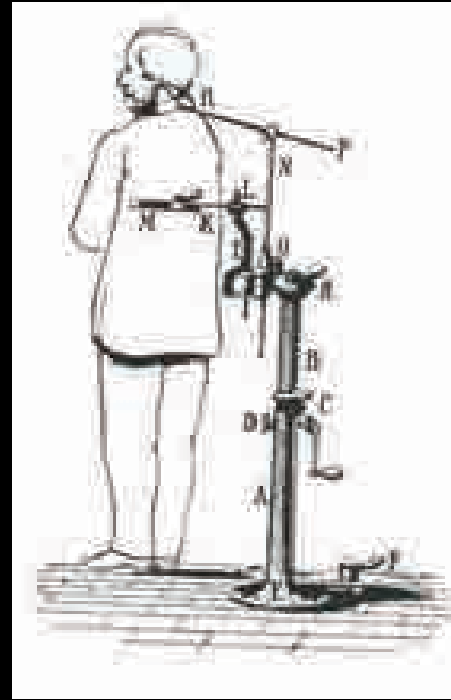
William Henry Jackson in the field



Photographic Syntax



Daguerreotype Camera



photographic syntax



Photographic Syntax, equipment, limitations.



The photographic syntax



The photographic syntax









Film, video, and television: descendants of photography.

Pioneers and first attempts



William Henry Fox Talbot



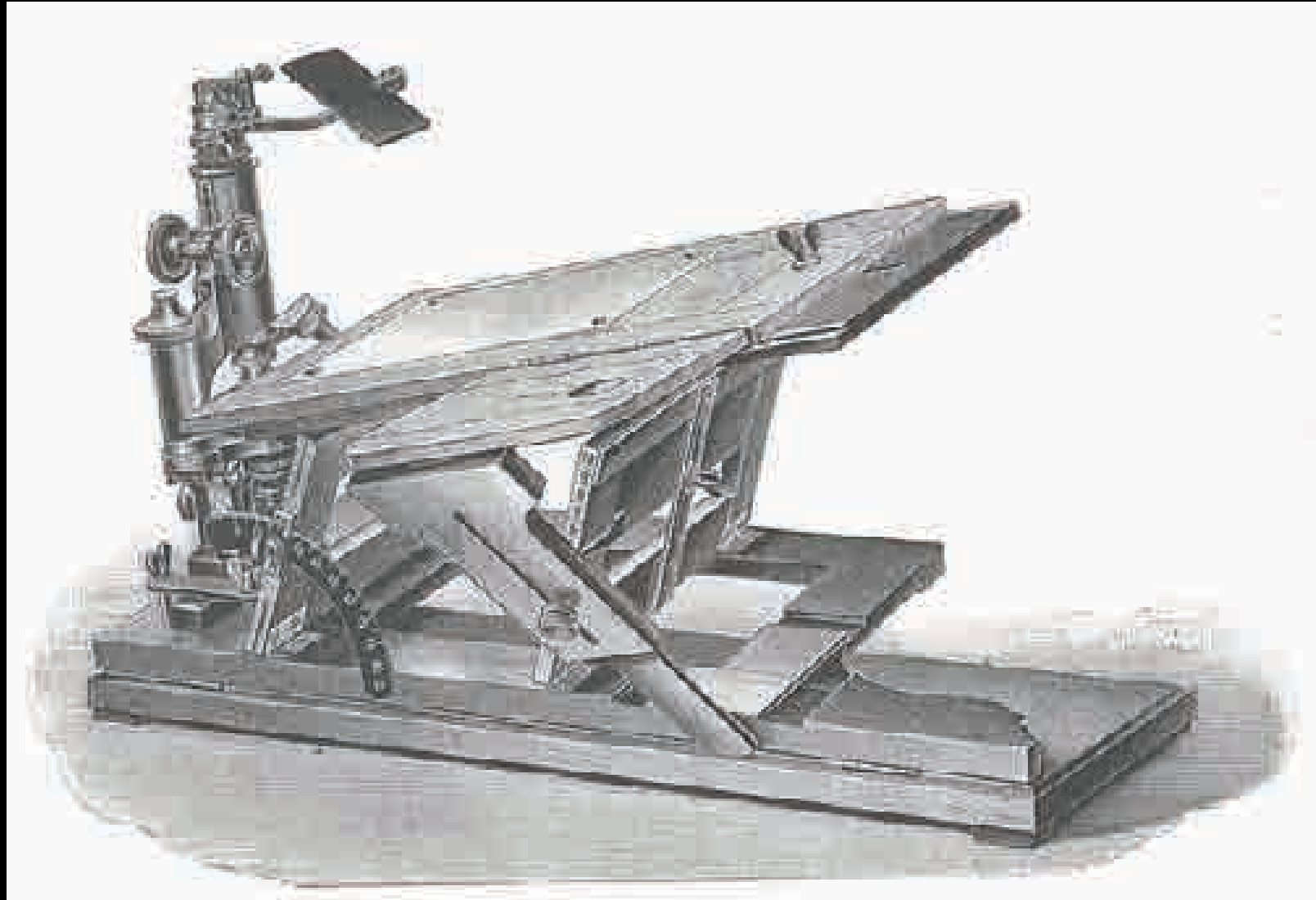
Camera Lucida



William Hyde Wollaston, Inventor of Camera Lucida



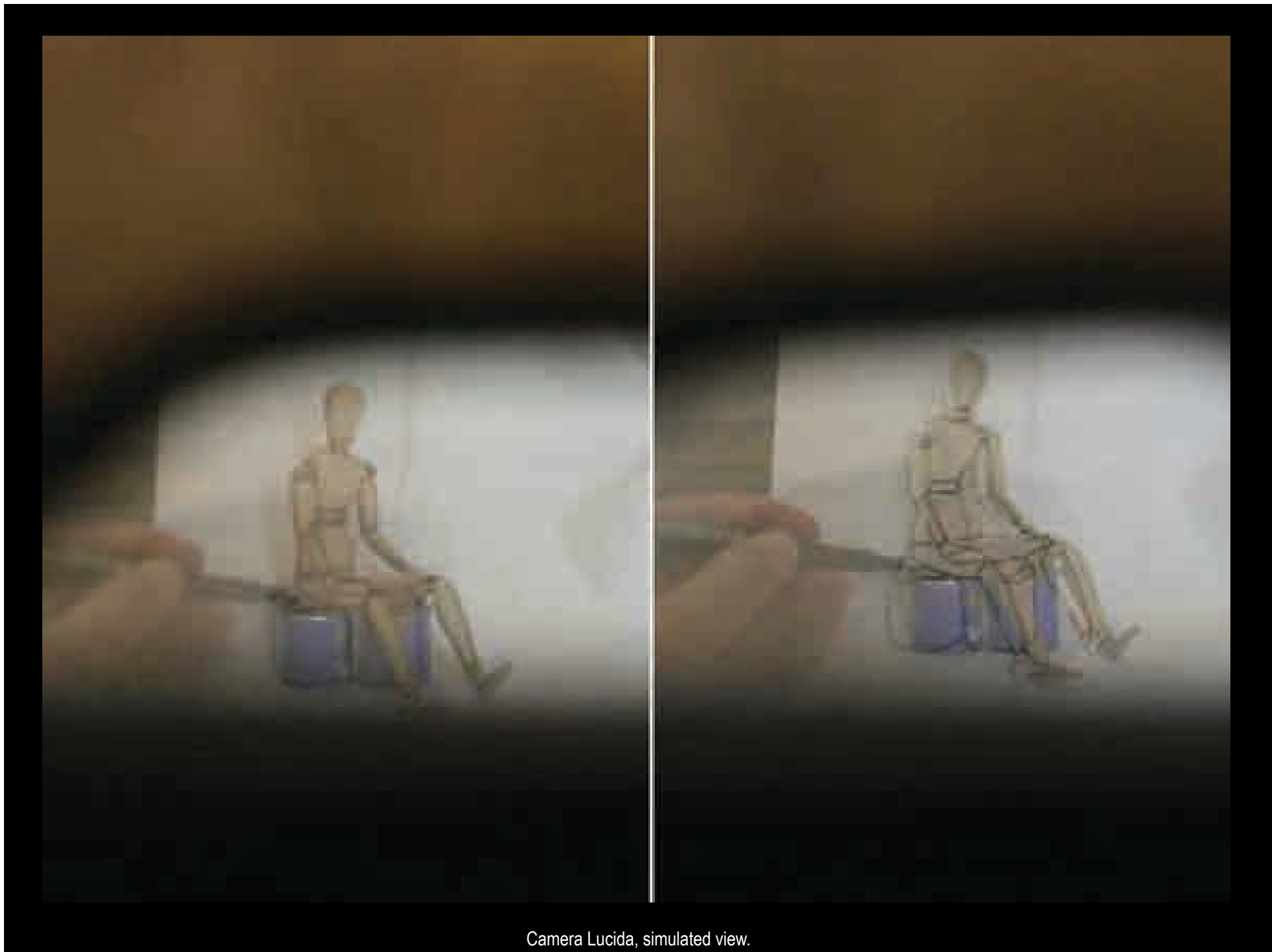
Camera Lucida



Camera Lucida



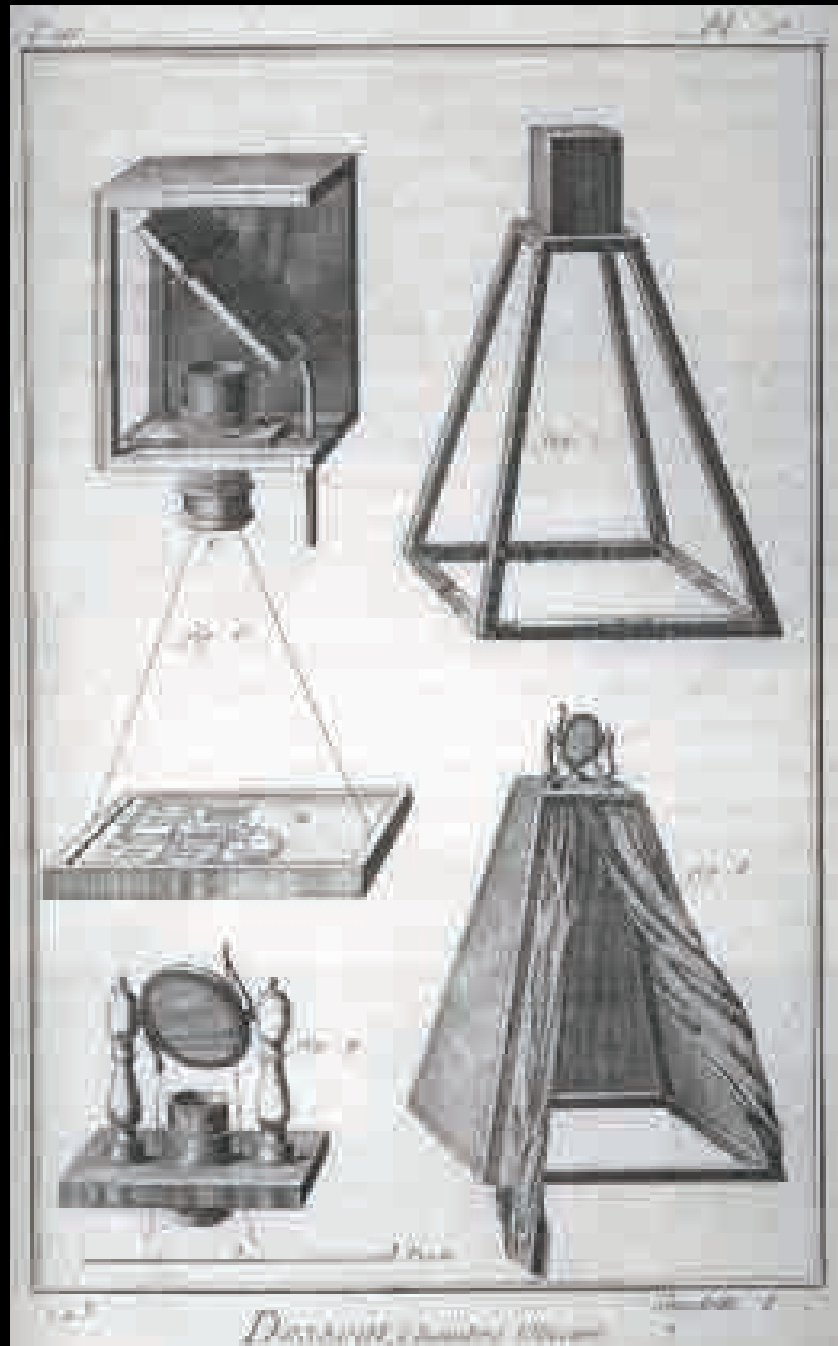
Camera Lucida eyepiece



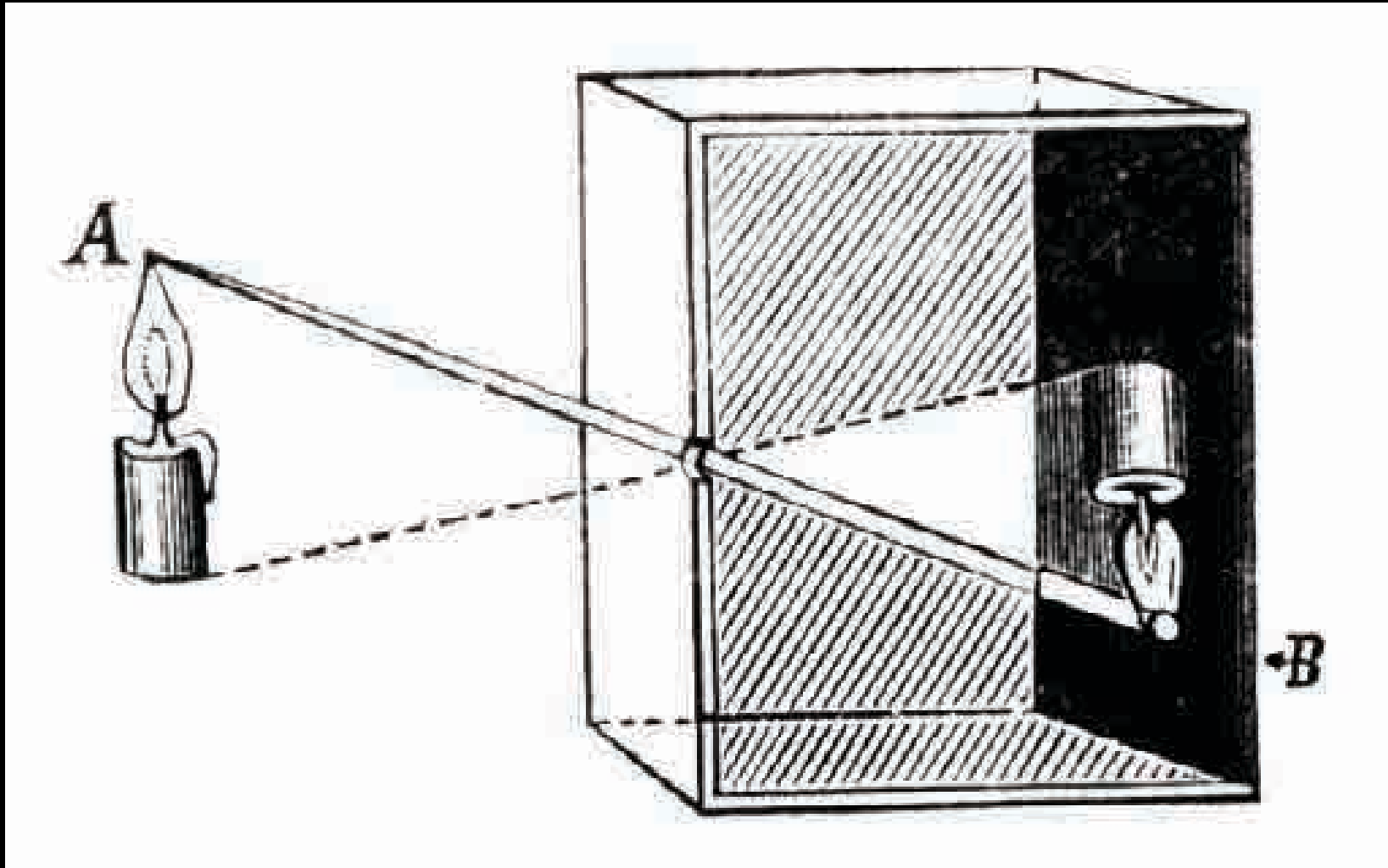
Camera Lucida, simulated view.



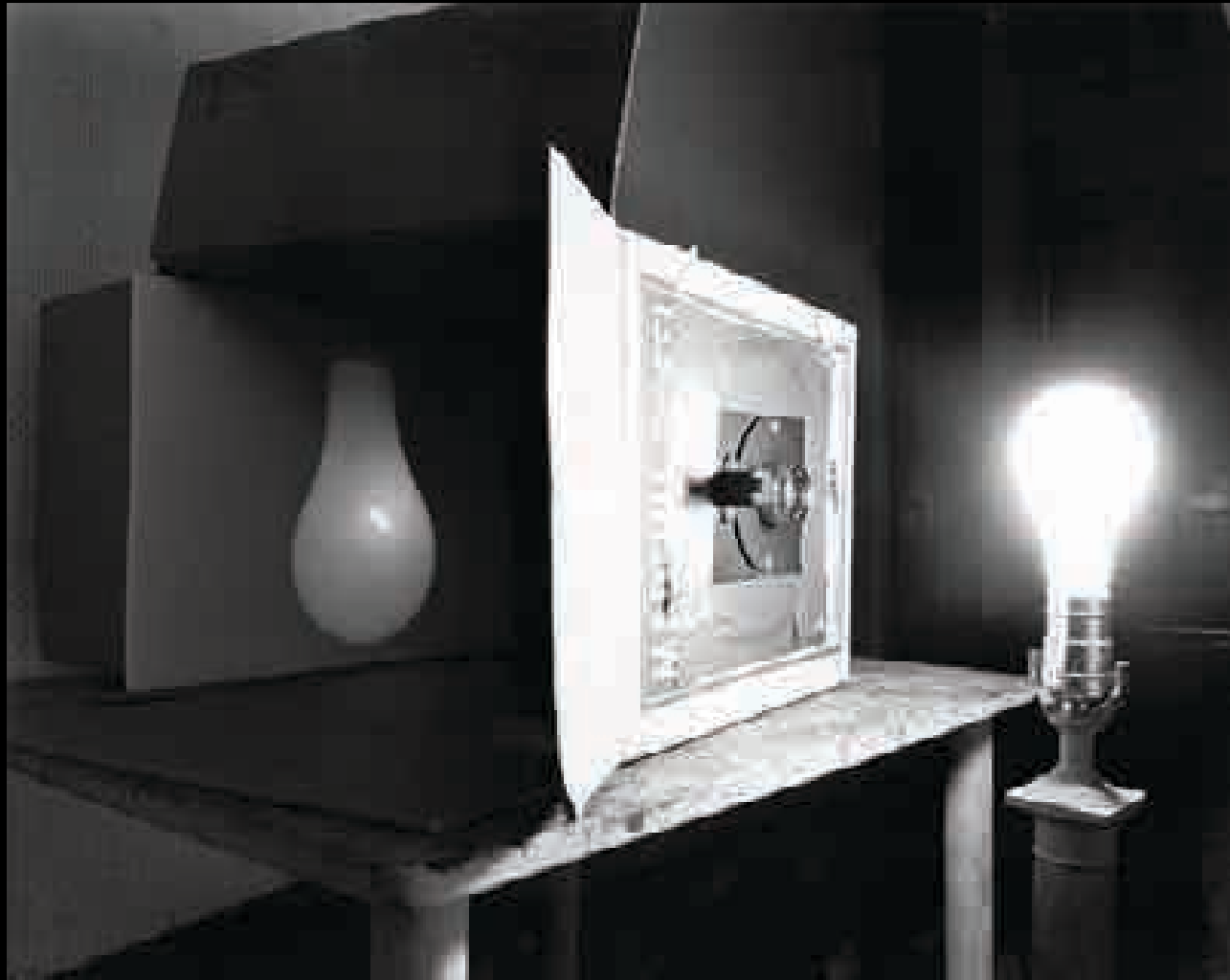
Camera lucida in use



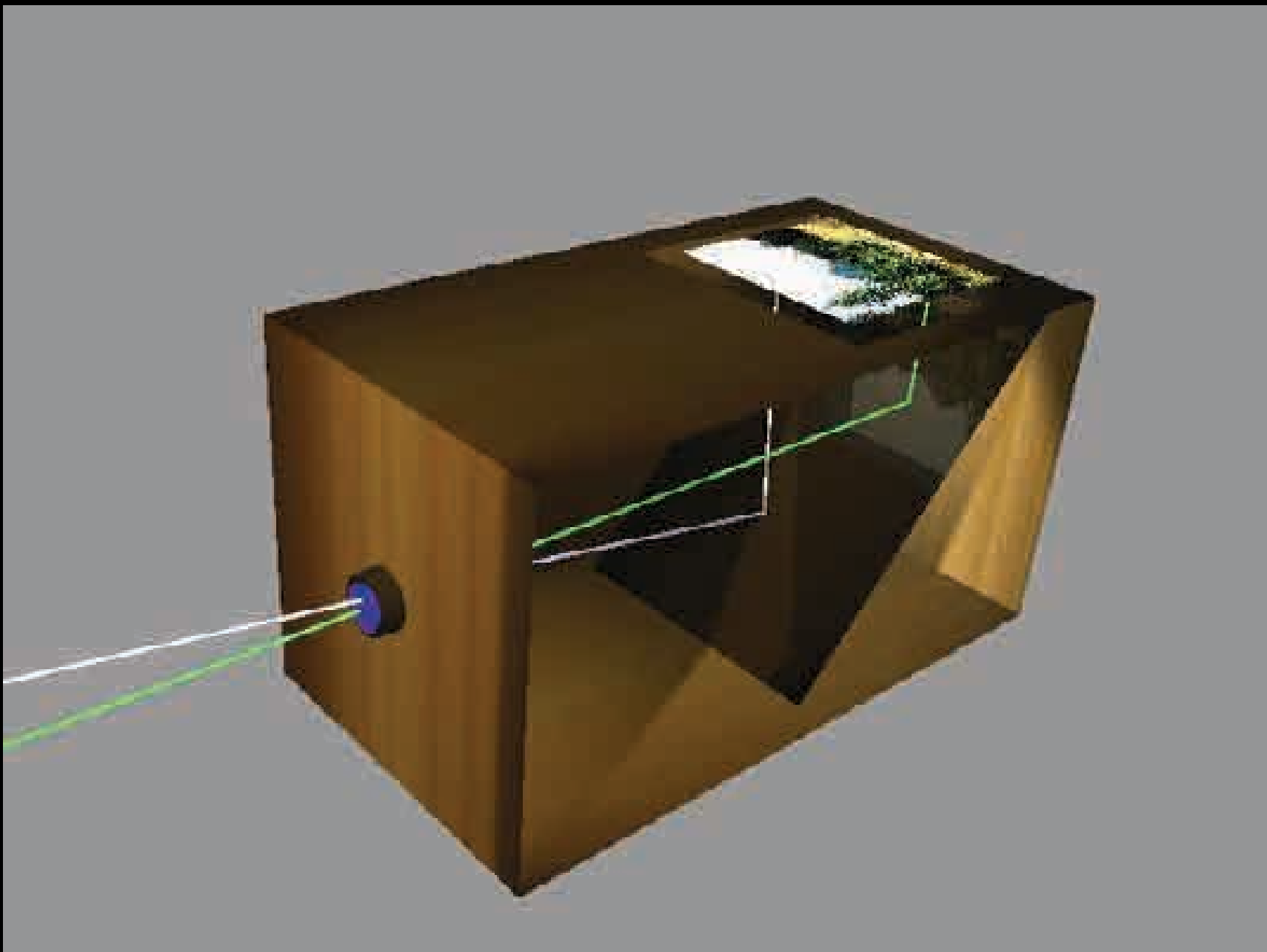
Camera Obscura



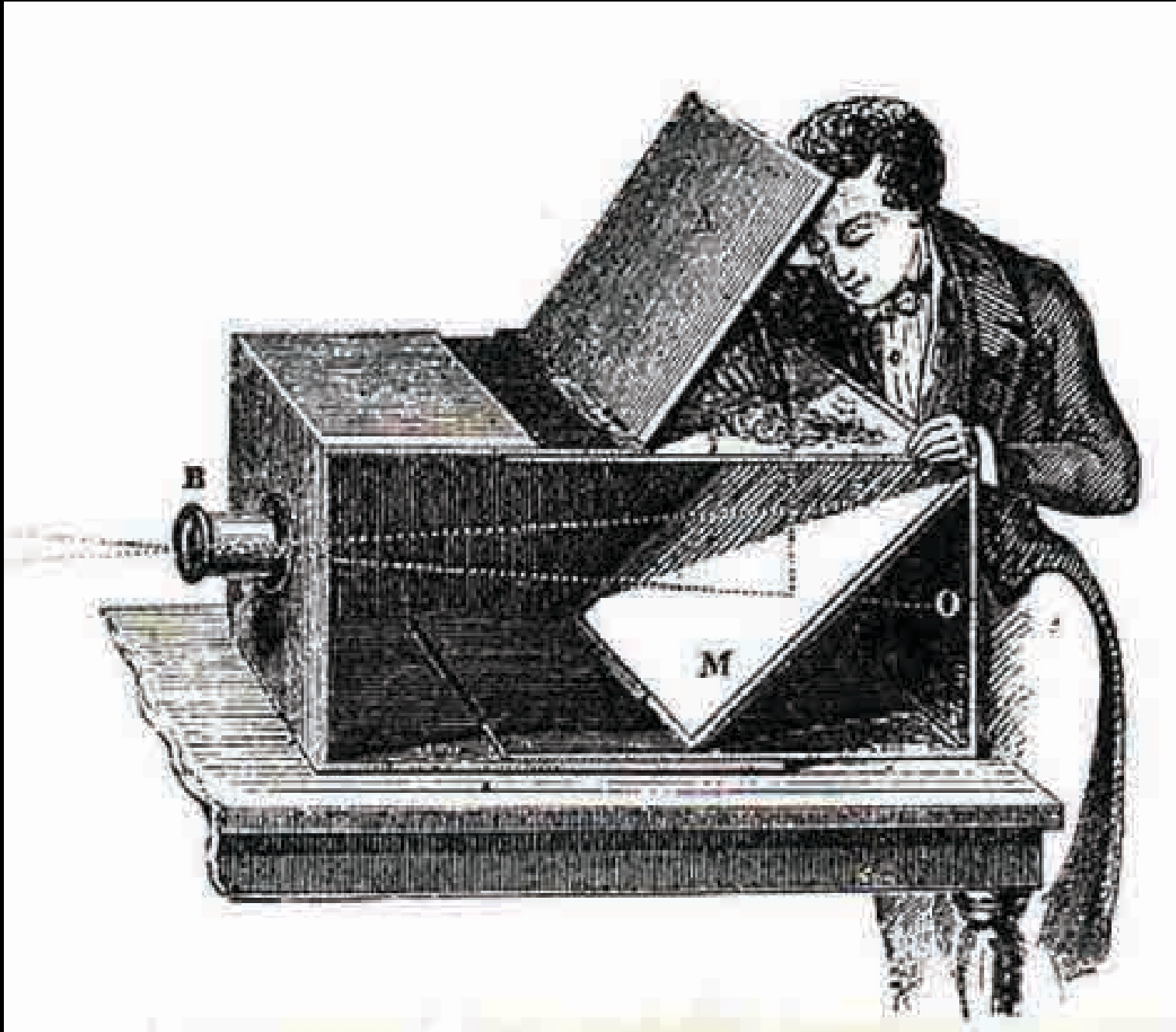
How light works in a camera



How light works



Camera Obscura





Camera Obscura



Joseph Nicéphore Niépce



Niepces process: Bitumen of Judea



Niepce's camera



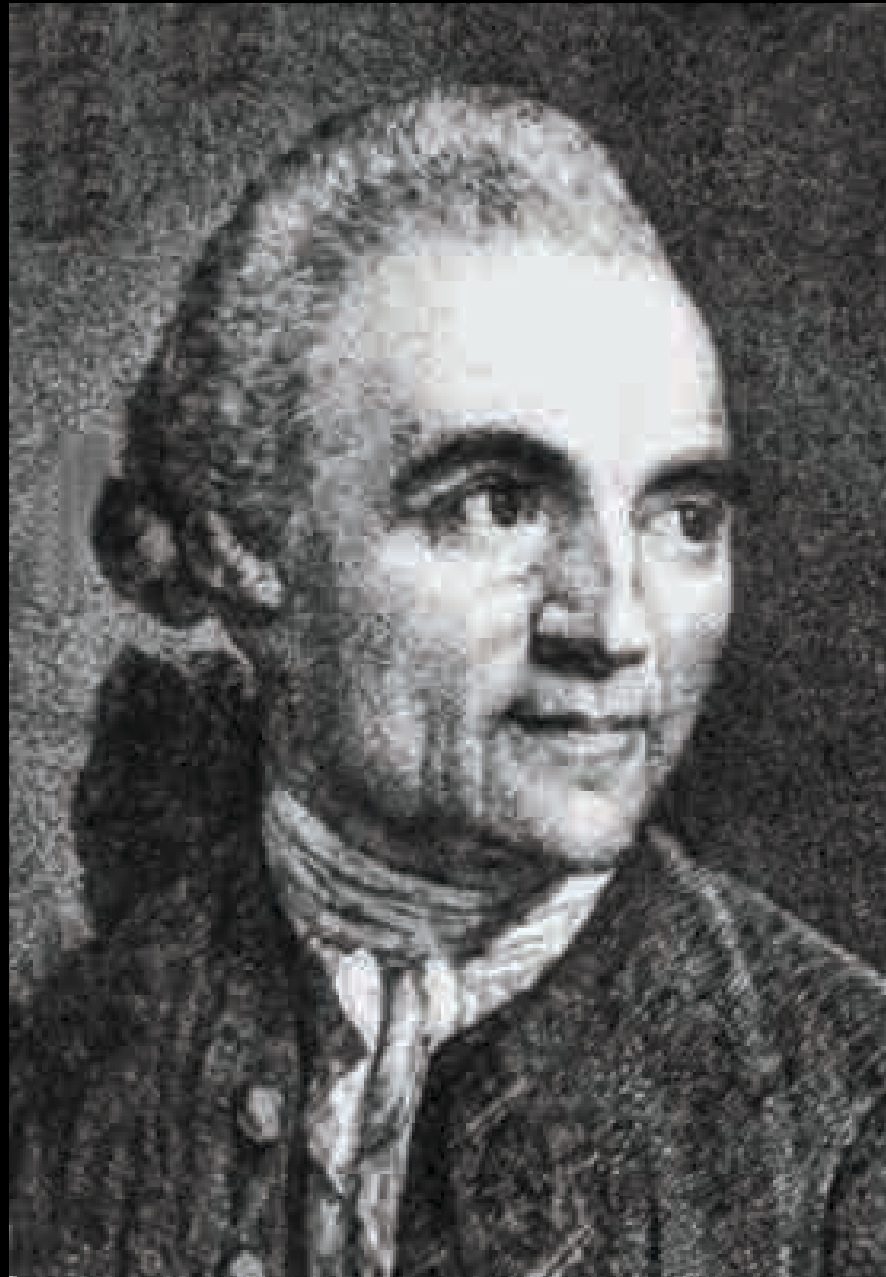
Joseph Nicéphore Niépce, *View from the Window at Le Gras*, 1826, Heliograph



Digital simulation of Niepce's view from Le Gras, France.



Photograph of a 1650 Portrait of Georges d'Amboise by Niepce, 1826



Johan Heinrich Schulze, experiments with the effects of light on silver nitrate, 1725



Silver nitrate



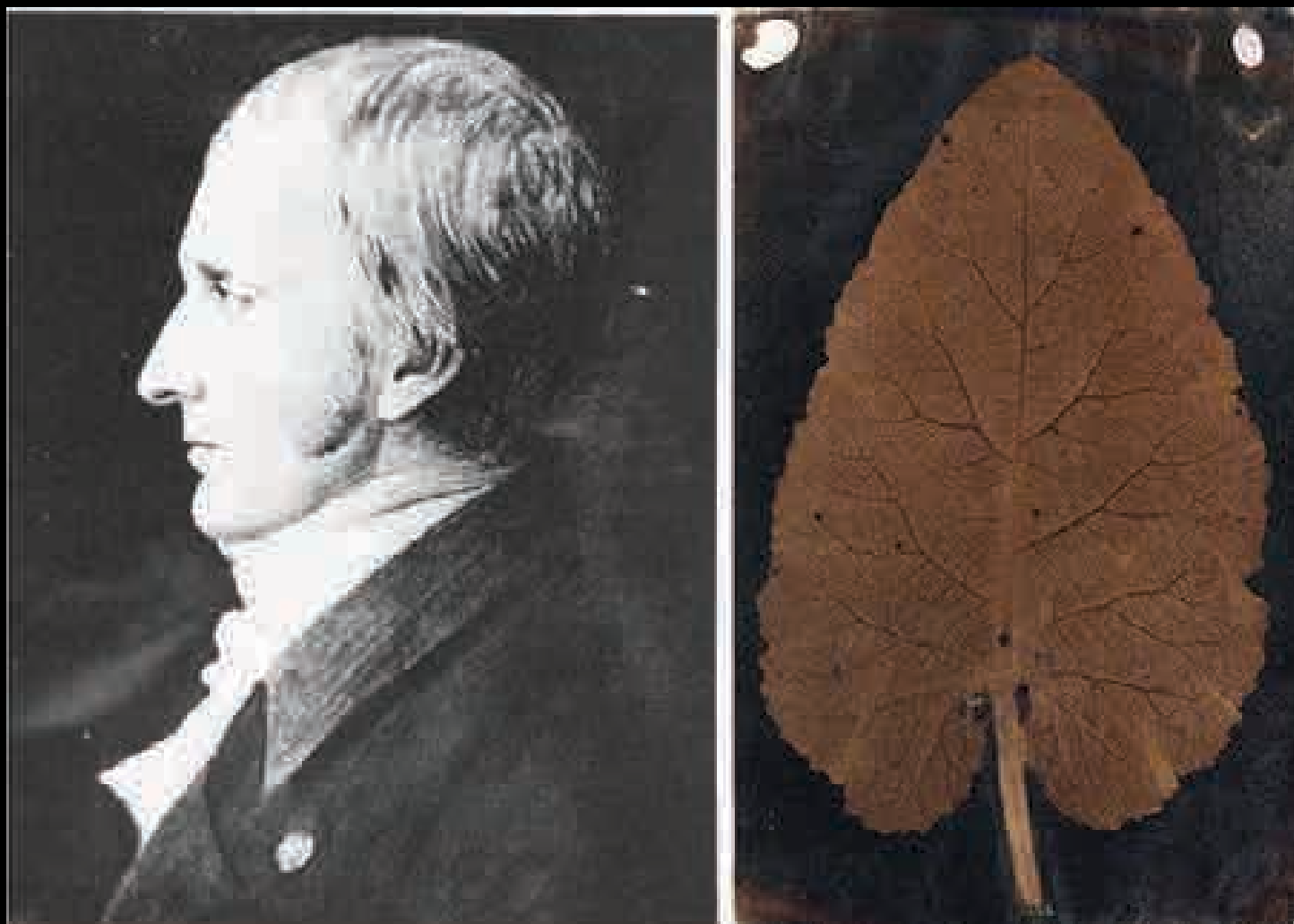
Carl Wilhelm Scheele, Swedish chemist, researching silver chloride, 1777



Silver chloride



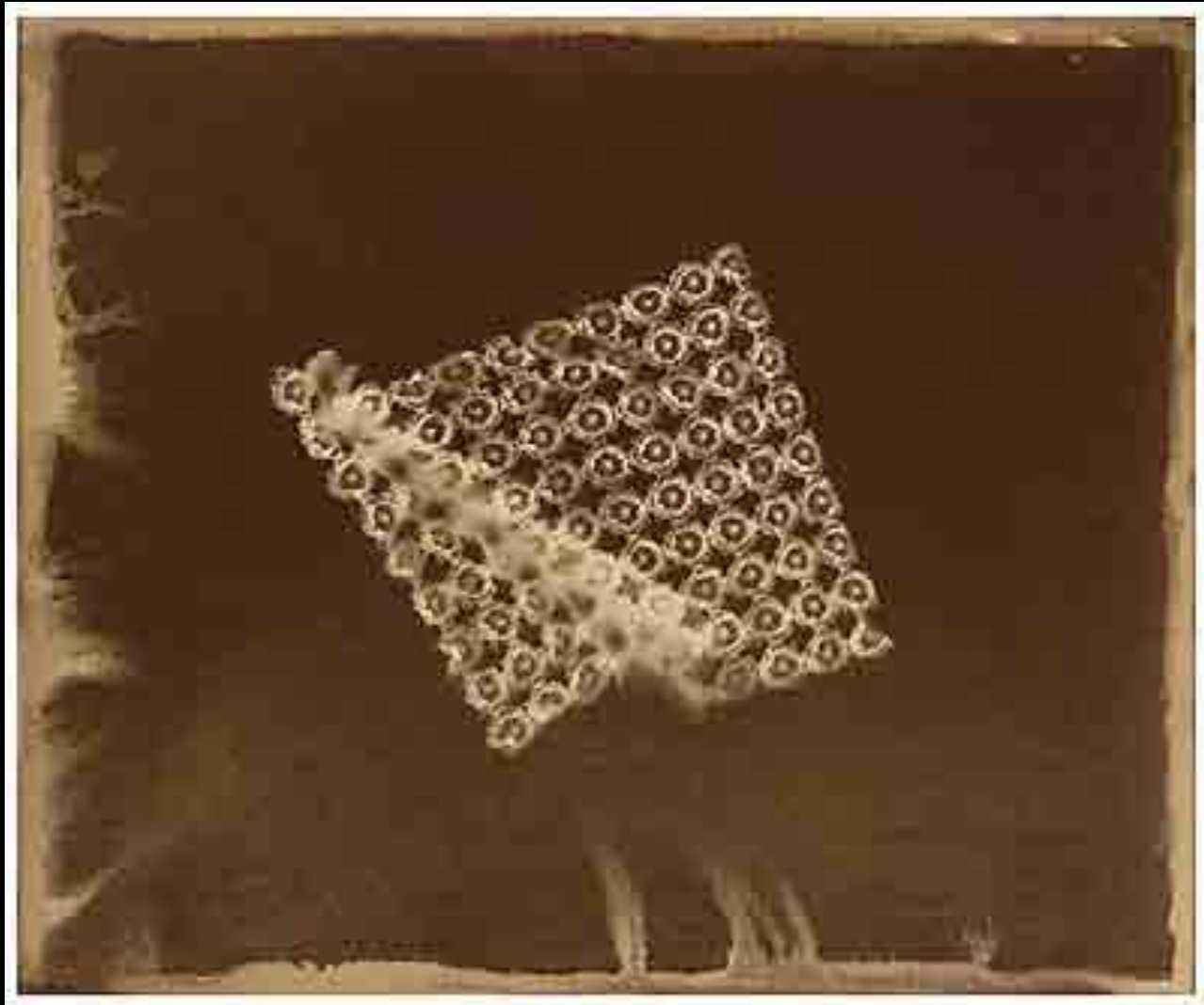
Mined silver chloride



Thomas Wedgwood, experiments with silver nitrate, early 19th century



Talbot



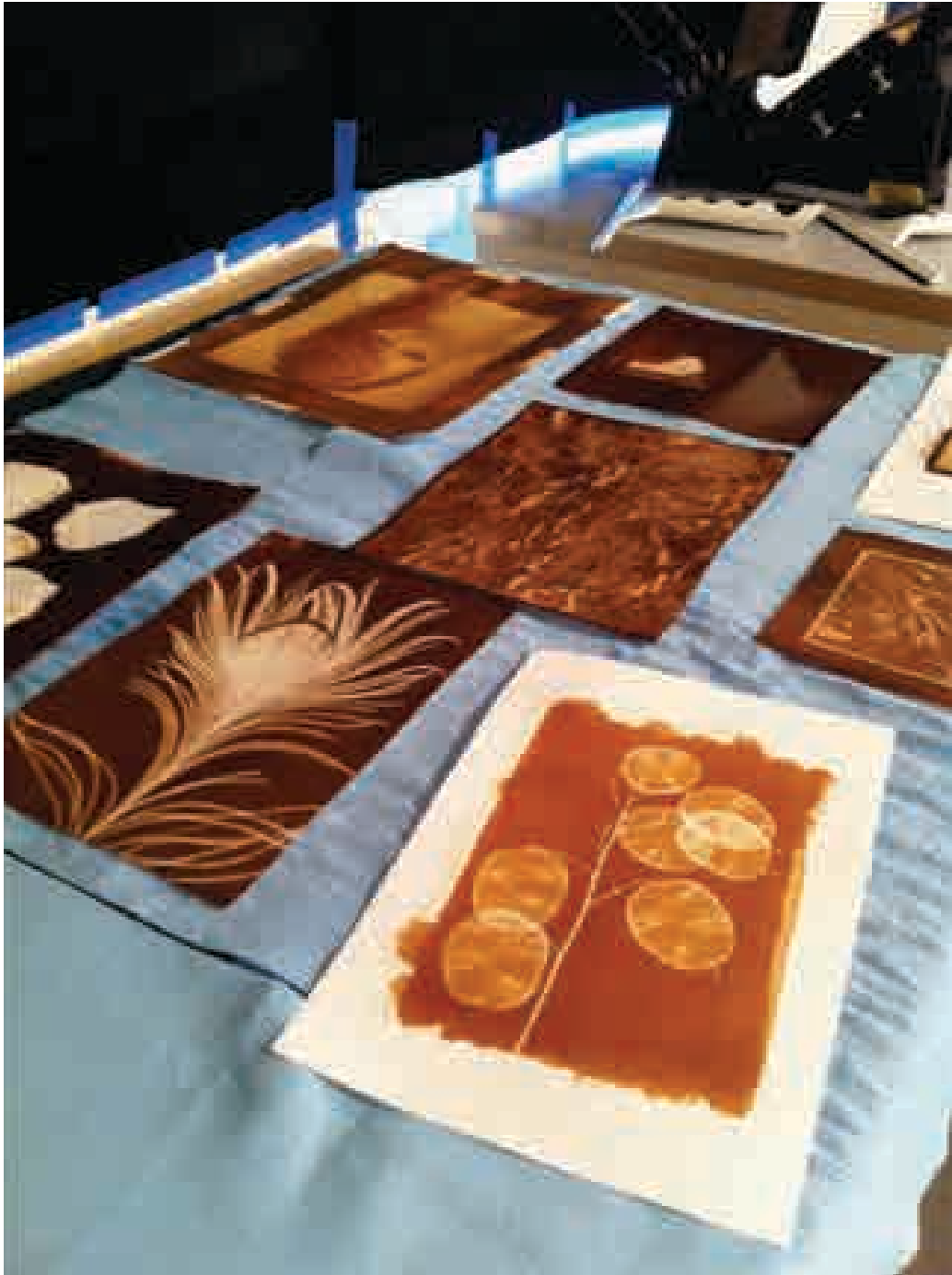
William Henry Fox Talbot, Photogenic Drawing, 1830's



Photogram in the making



Photogram in the making



Photogram in the making



William Henry Fox Talbot, Photogenic Drawing, 1836



William Henry Fox Talbot, Photogenic Drawing, 1830's



William Henry Fox Talbot, Photogenic Drawing, 1830's



William Henry Fox Talbot, Photogenic Drawing, 1830's



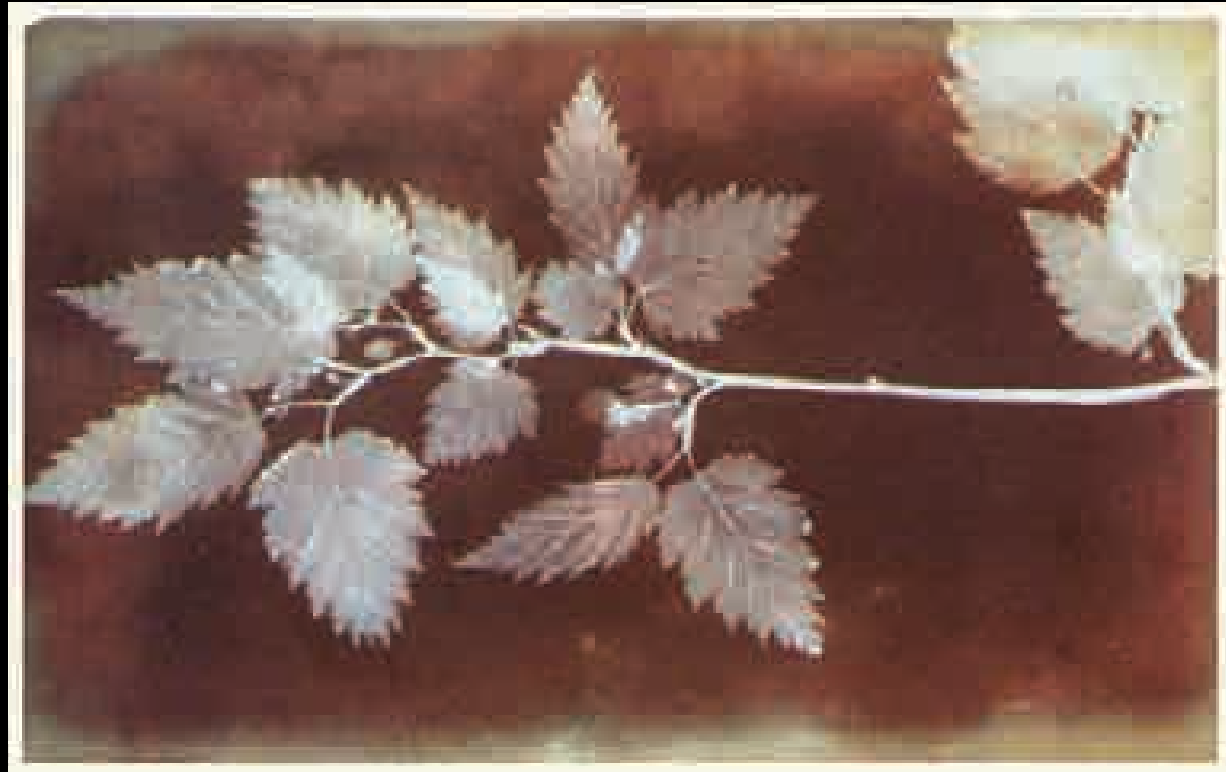
William Henry Fox Talbot, Photogenic Drawing, 1830's



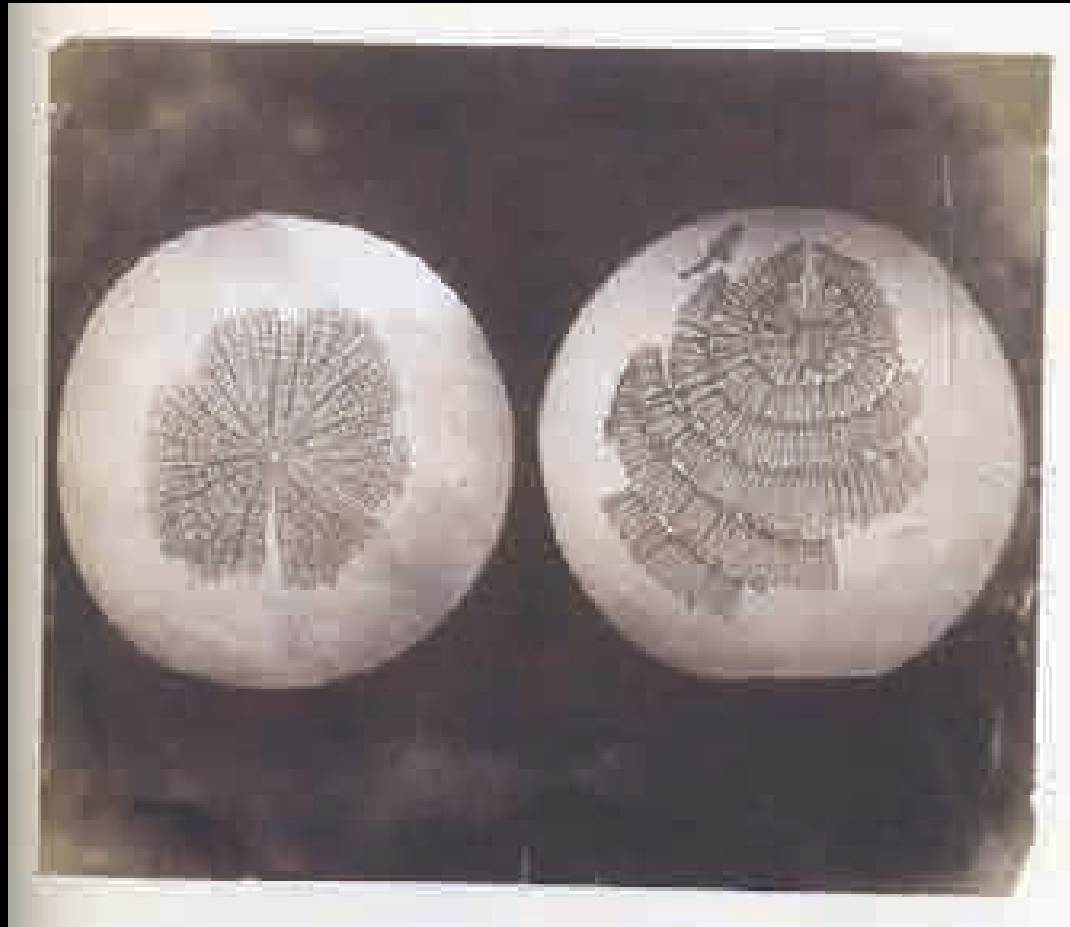
William Henry Fox Talbot, Photogenic Drawing, 1830's



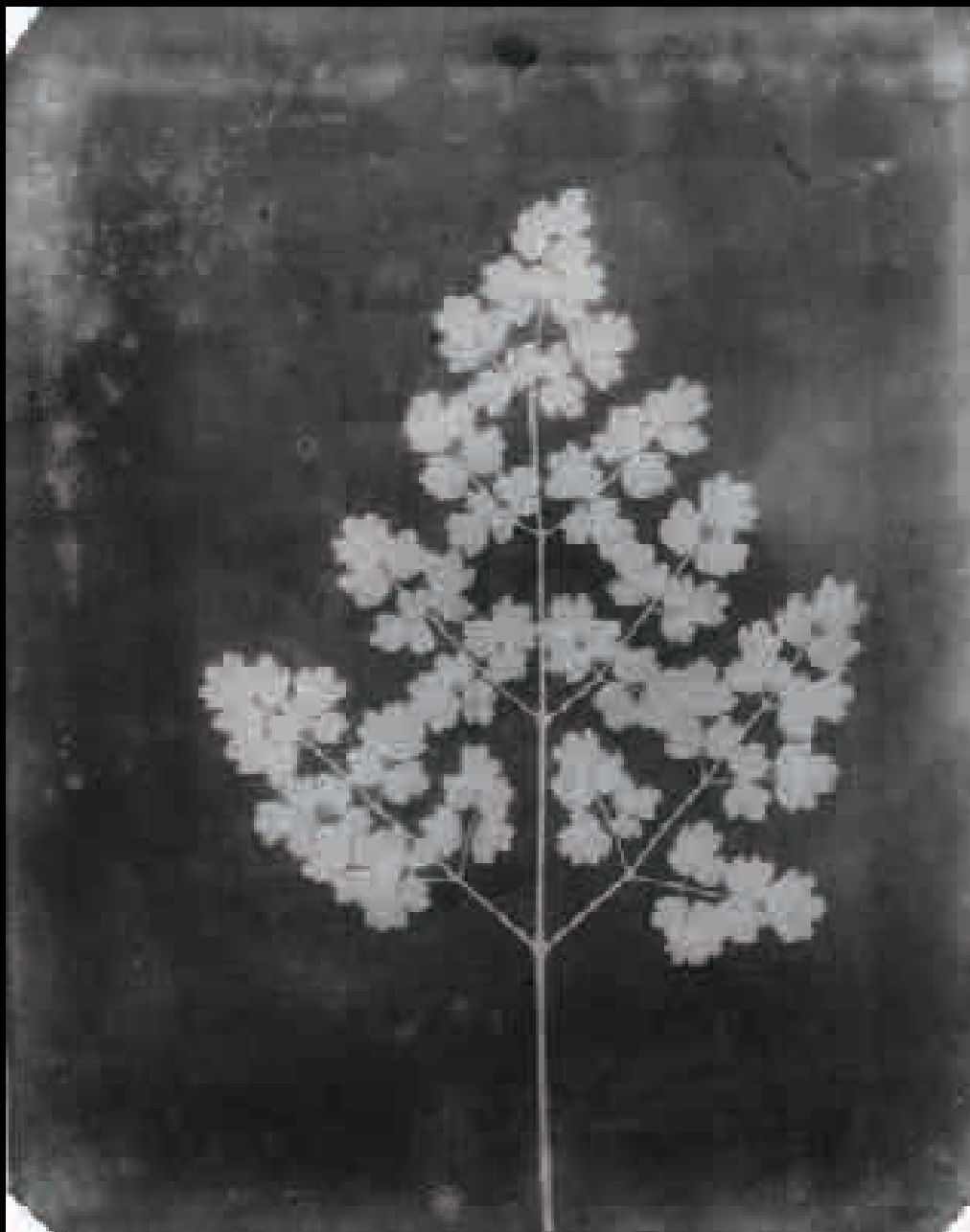
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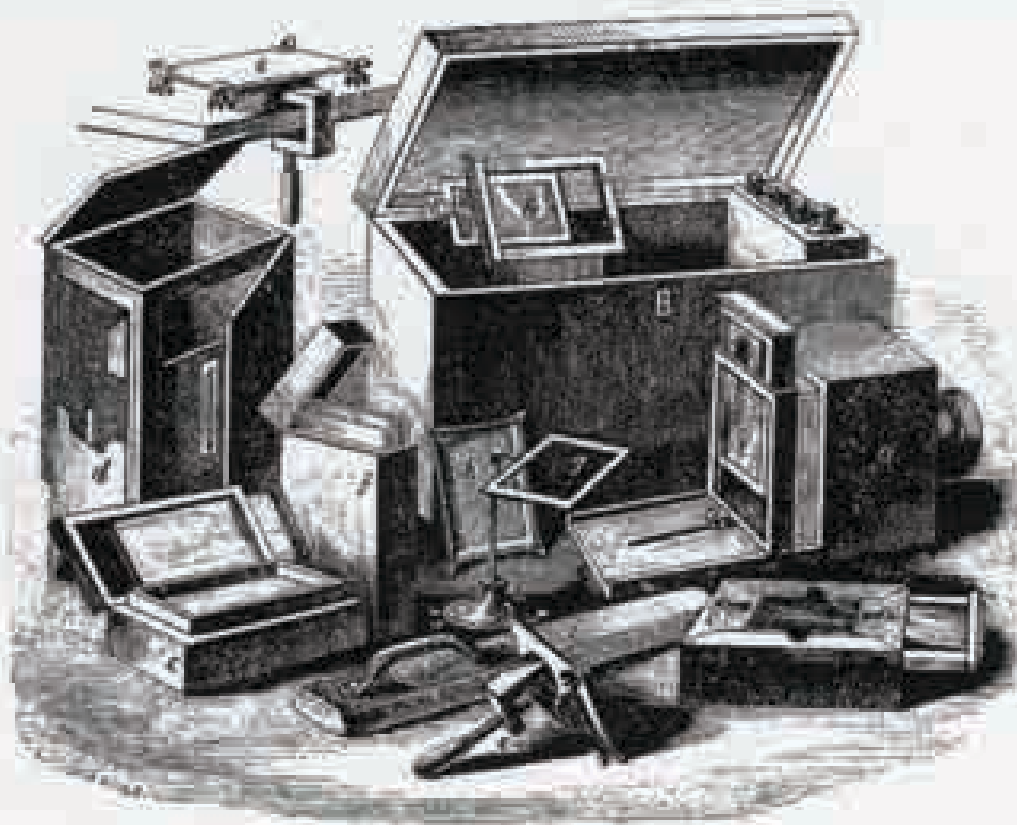


William Henry Fox Talbot, Photogenic Drawing, 1830's



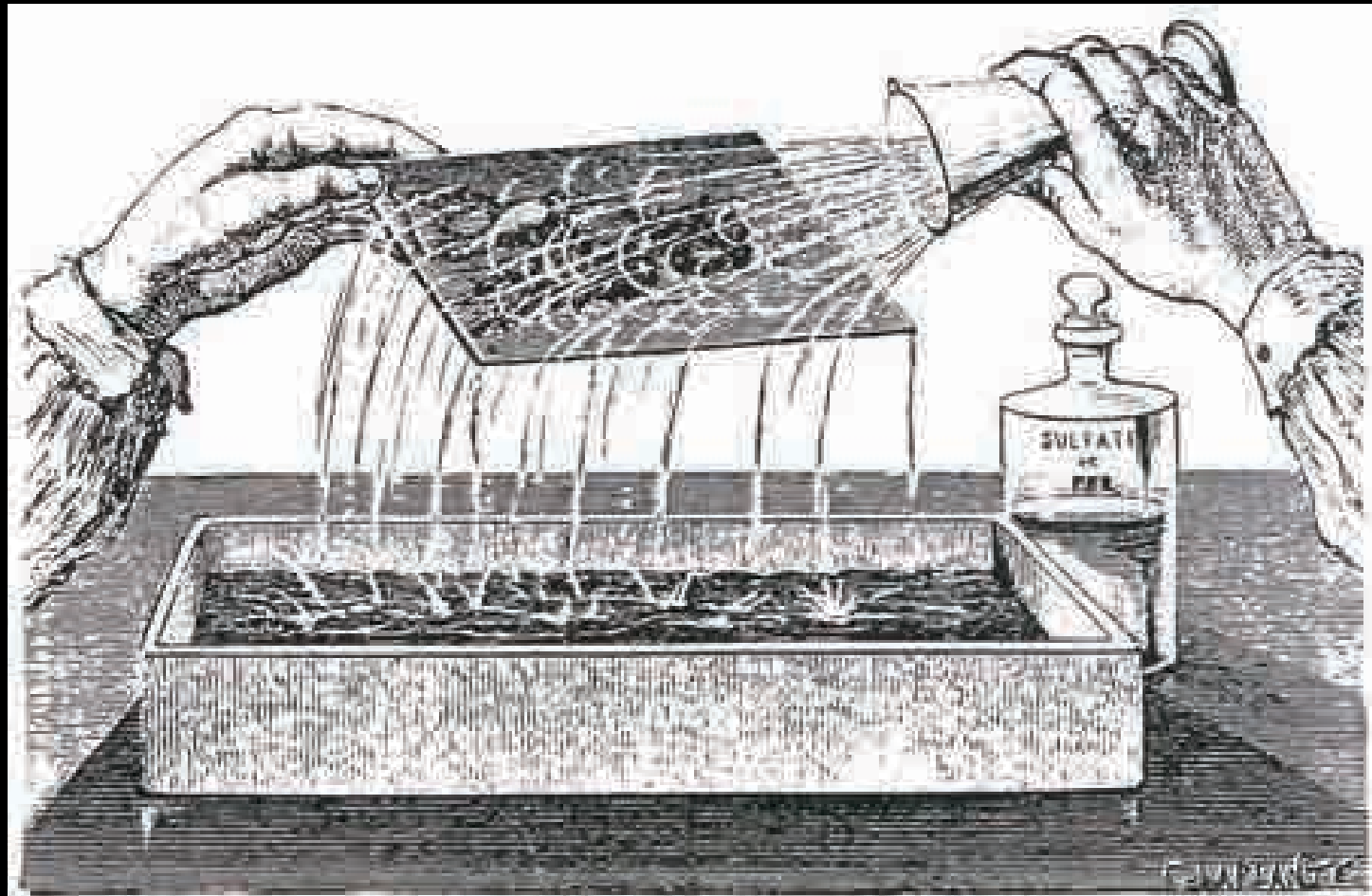
William Henry Fox Talbot, Photogenic Drawing, 1830's

- a. Camera obscura
- b. Silver plate
- cc. Iodine and Bromide Boxes
- d. Improved Mercury Cabinet with sliding legs



- cc. Plate holders with clamps
- f. Box for Plates
- g. Levelling stand
- h. Flat peculiar dish for washing
- i. Hand-buff

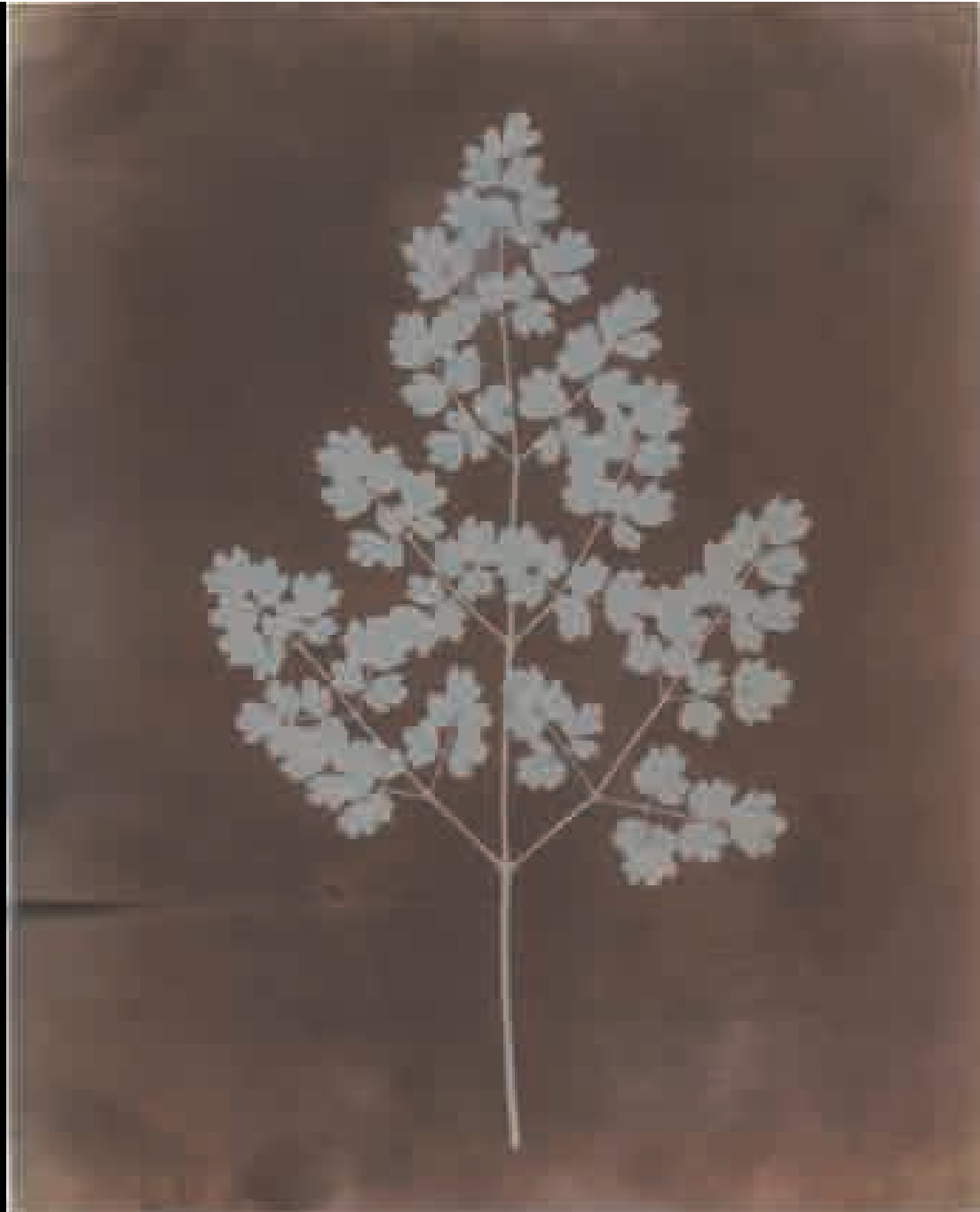
Daguerre's process



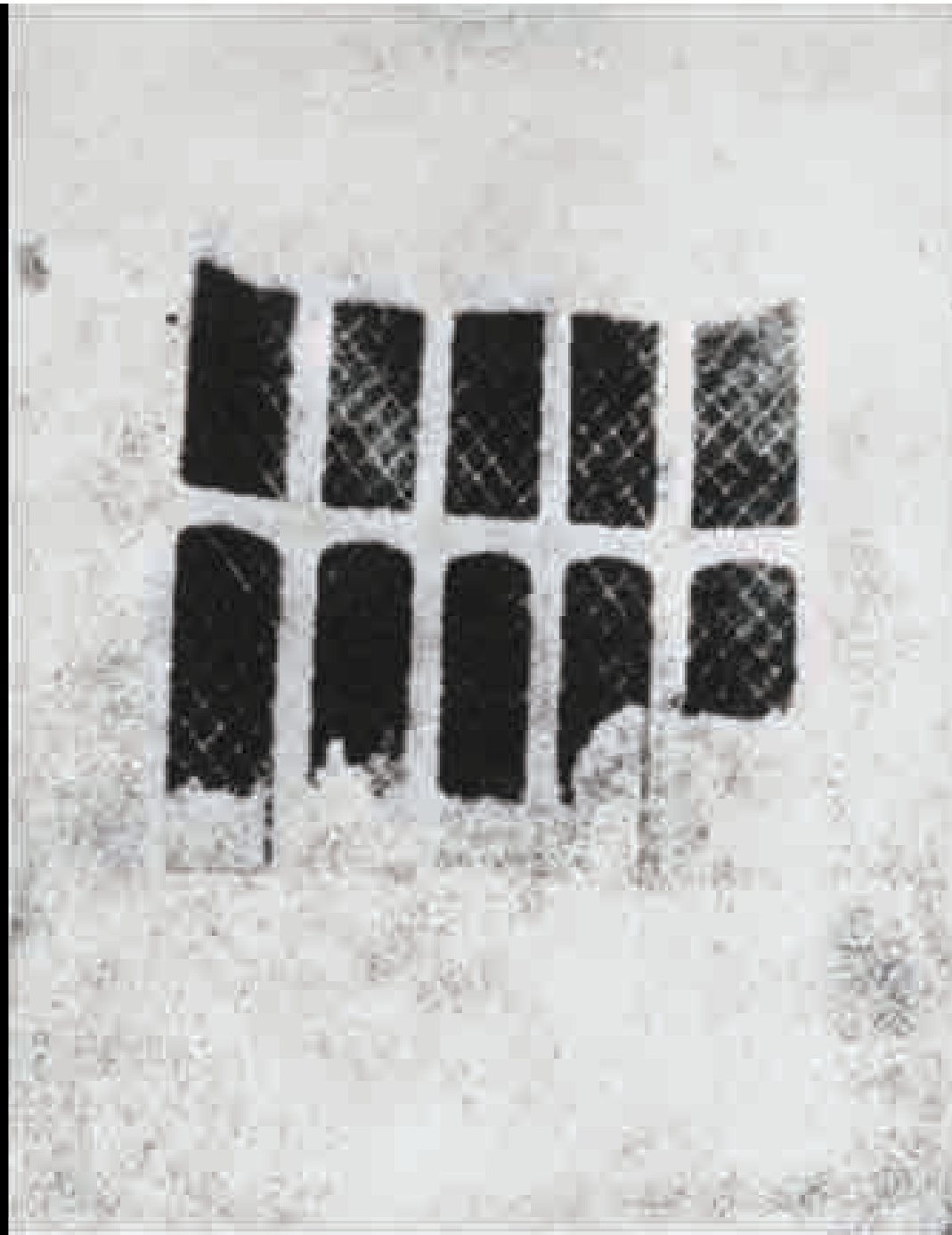
Daguerre's process



Daguerre's process



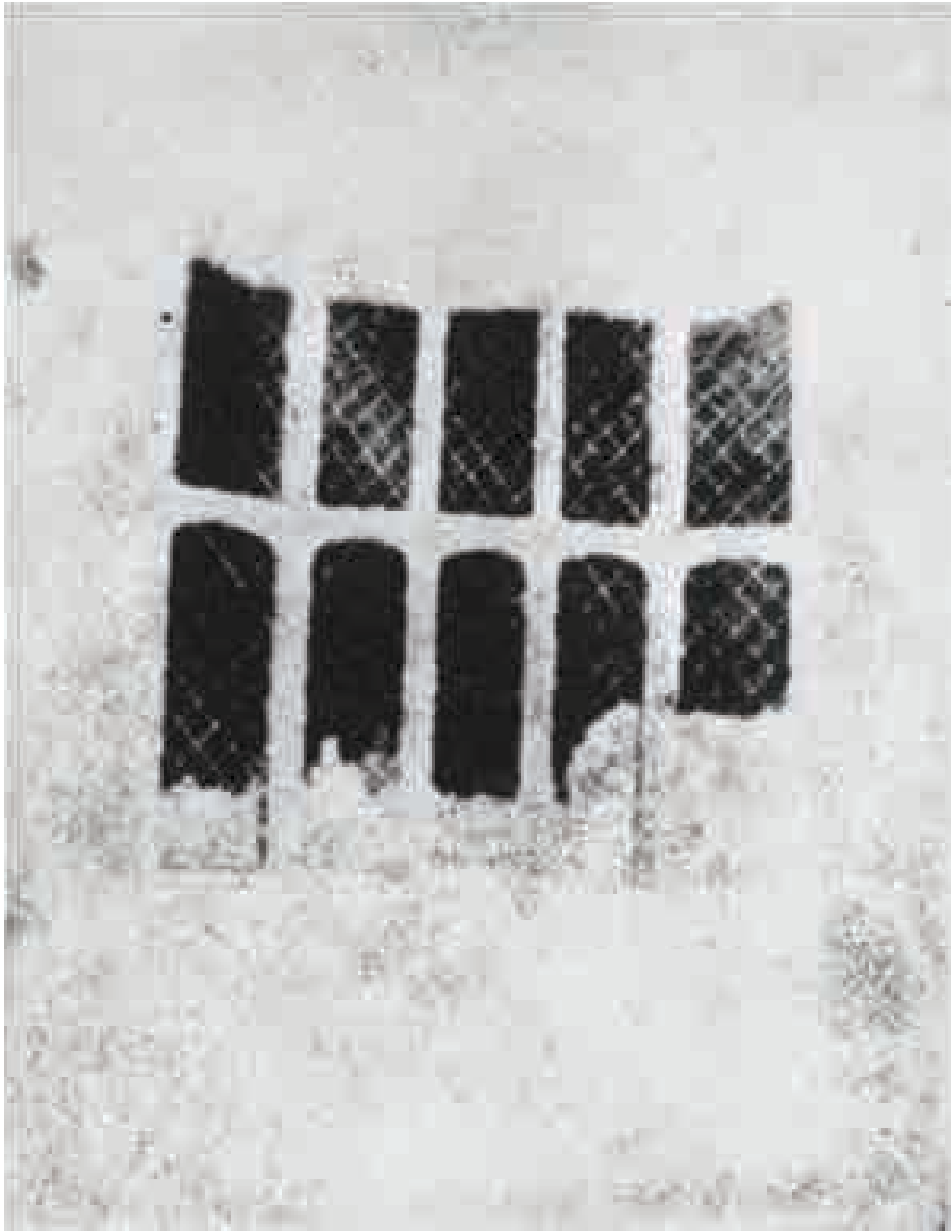
Talbot's process



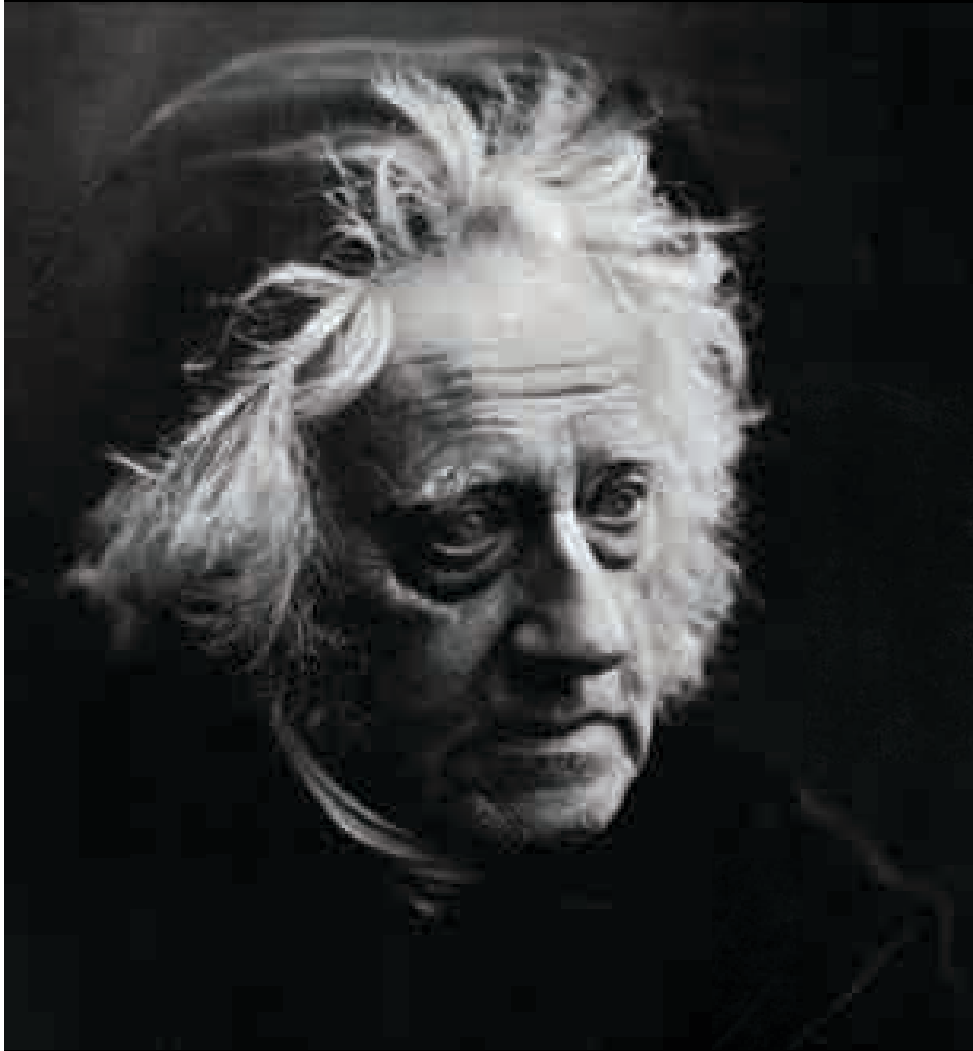
William Henry Fox Talbot, *Latticed Window at Lacock Abbey*, 1835



Talbot's process



William Henry Fox Talbot, *Latted Window at Lacock Abbey*, negative and positive print, 1835



Sir John Herschel, astronomer. Suggested the varnishing the paper to improve its translucency. Also discovers how to best 'fix' the prints.



Example of Hypo



Talbot's Calotype



Louis-Jacques-Mandé Daguerre (18 November 1787 – 10 July 1851)



Diorama



The broken thermometer story



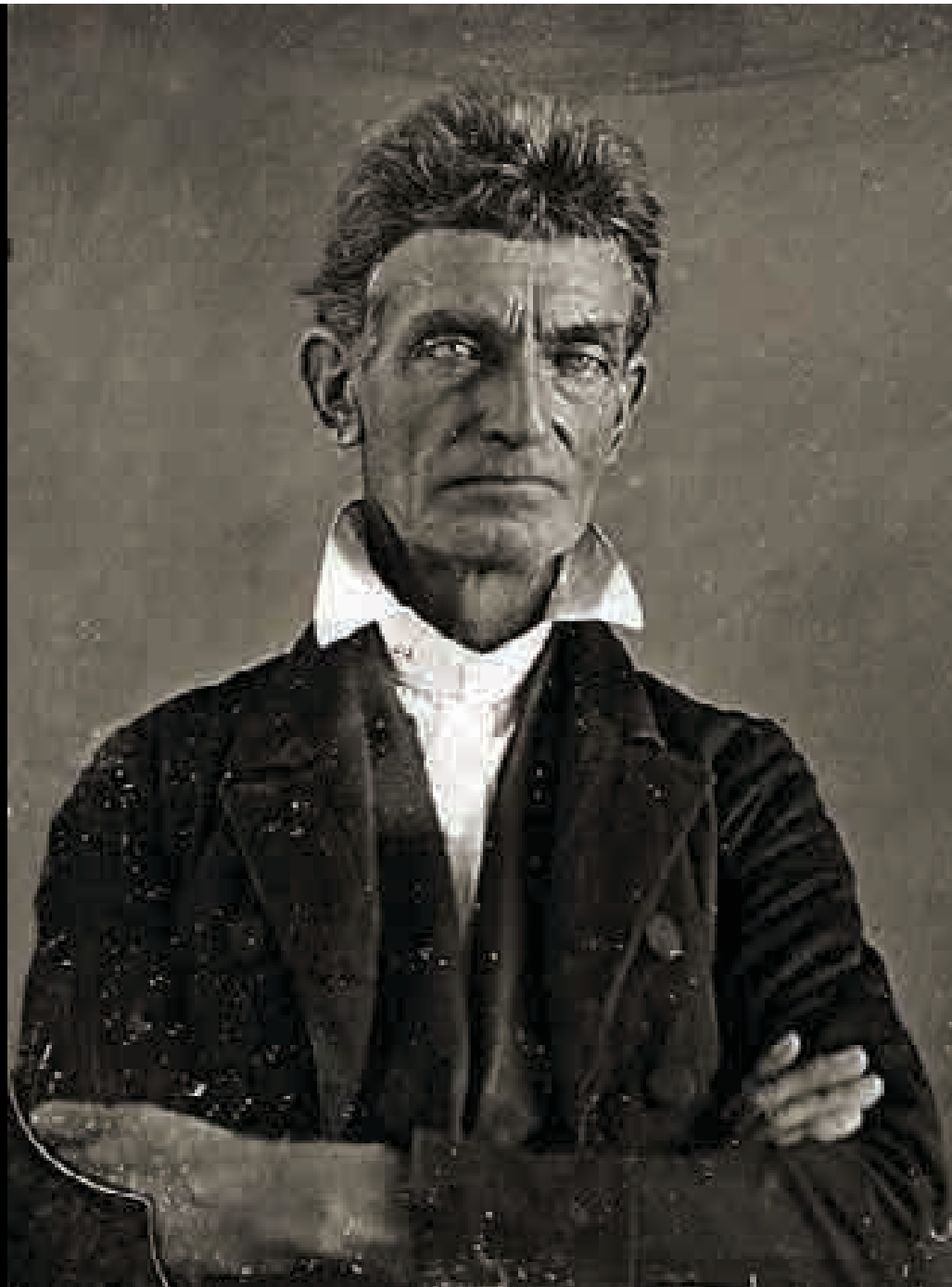
First successful Daguerreotype, 1837



Louis-Jacques-Mandé Daguerre, early daguerreotype, *Boulevard du Temple, Paris*, 1839



Daguerreotype



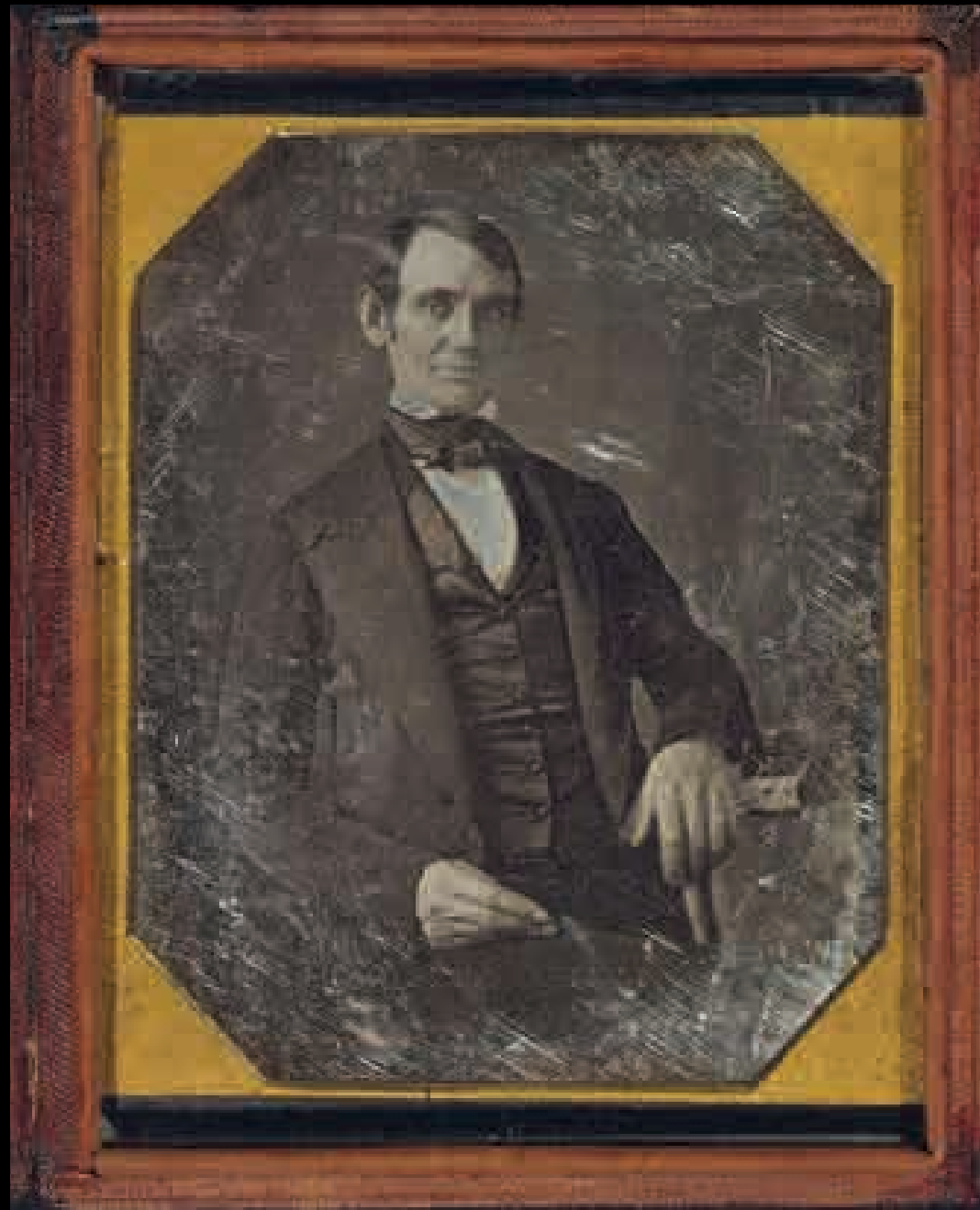
John Brown, Abolitionist, Daguerreotype, 1856



Daguerreotype



Daguerreotype



Abraham Lincoln, Daguerreotype, 1846



Daguerreotype



Daguerreotype



Daguerreotype



Samual Morse, Daguerreotype



San Francisco, Daguerreotype



The Mad Hatter, madness ensued by mercury vapors.



Daguerreotype



William Henry Fox Talbot



Hippolyte Bayard, direct positive print



Hippolyte Bayard, Plaster Casts, direct positive print, 1839



Hippolyte Bayard, *Portrait of a Drowned Man*, direct positive print, 1840



“The body you see is that of Monsieur Bayard...The Academy, the King, and all who have seen his pictures admired them, just as you do. Admiration brought him prestige, but not a sou. The Government, which gave M. Daguerre so much, said it could do nothing for M. Bayard at all, and the wretch drowned himself.”



Hippolyte Bayard, *Paris, Montmartre*, direct positive print



Hippolyte Bayard, direct positive print



Paul DeLarouche, Romantic painter, "From today, painting is dead!" 1839, (following the public release of the Daguerreotype).