

Breaking Barriers (Ode to Mary Jackson) - Framed

Chloe McCarrick

£675



REF: 4085

Height: 29 cm (11.4")

Width: 23 cm (9.1")

Depth: 4 cm (1.6")

Description

Cyanotype, handmade paper, 24-carat gold leaf

Inspiration

This artwork was inspired by American mathematician Mary Winston Jackson. Excelling academically in a time of racial segregation, her math and science skills earned her a position as a "Human Computer" for NACA, later promoted to aeronautical engineer, making her NASA's first black female engineer, developing expertise working with wind tunnels and analyzing data on aircraft flight experiments.

For Mary Winston Jackson, a love of science and a commitment to improving the lives of the people around her were one and the same, science and service went hand in hand. Alongside serving a vital role in the development of the space program, she helped other women and minorities advance their careers. She managed the federal women's program, in the nasa office of equal opportunity programs. In this role, she worked to influence the hiring and promotion of women in NASA's science, engineering, and mathematics careers.

Series-

Women Who Changed The World

This series is a story of NASA's African-American female mathematicians who played a crucial role in America's space program-and whose contributions have been unheralded, until now.

A powerful, revelatory history essential to our understanding of race, discrimination, and achievement in modern America. Interweaving the rich history of scientific achievement and technological innovation with the intimate stories of these courageous, intelligent and determined women whose work forever changed the world-and whose lives show how out of one of America's most painful histories came one of its proudest moments.

Technique

Breaking Barriers (Ode to Mary Jackson) was created by constructing a hand-cut collage using female photographic portraiture, an illustration of stellar constellations and a halo.

After coating the handmade paper with light-sensitive chemistry, it is left to dry in a dark room. The large-scale negative is contact printed onto the paper by exposure to daylight (UV rays). The print is then processed by thoroughly washing in water to remove any unexposed solution. It can then be hung to dry, developing to full density Prussian blue after 24 hours. Once the image is fixed it is hand finished with 24-carat gold leaf.

Signed by the Artist.

'Own Art' Option Available - Contact the gallery for further information.