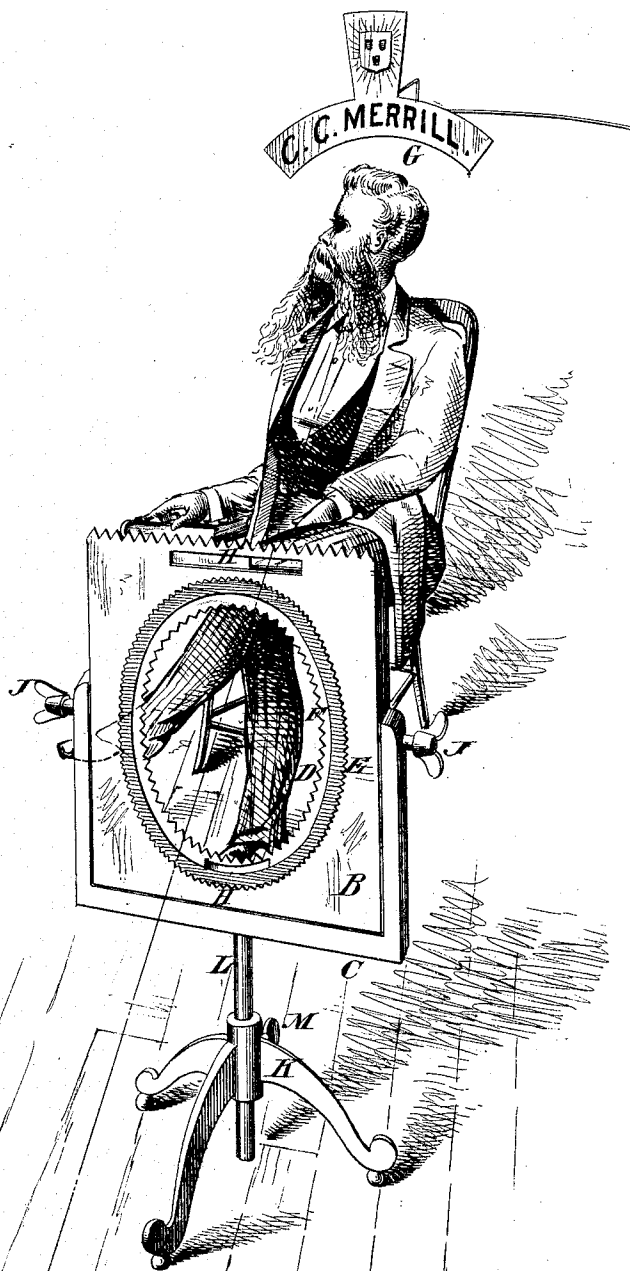


C. C. MERRILL.

Photographic Vignetting-Machine.

No. 165,017.

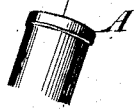
Patented June 29, 1875.



WITNESSES:

Gustave Dietrich

A. F. Terry



INVENTOR:

C. C. Merrill

BY

Mumford
ATTORNEYS.

UNITED STATES PATENT OFFICE.

CHESTER C. MERRILL, OF PORT JERVIS, NEW YORK.

IMPROVEMENT IN PHOTOGRAPHIC VIGNETTING-MACHINES.

Specification forming part of Letters Patent No. **165,017**, dated June 23, 1875; application filed February 20, 1875.

To all whom it may concern :

Be it known that I, CHESTER C. MERRILL, of Port Jervis, in the county of Orange and State of New York, have invented a new and useful Improvement in Photographic Prints, of which the following is a specification :

This invention relates to a new and useful improvement in photography ; and consists in the interposition of a serrated vignette between the sitter and the camera or instrument, and, by means of a frame or other support, suspending the name of the sitter or other written or printed name or words either above or below the impression or print at the same, or about the same, distance from the camera as that occupied by the sitter.

The invention is illustrated by the accompanying drawing, which is given in perspective.

Similar letters of reference indicate corresponding parts.

A represents the instrument or camera. B is the vignette, mounted on a frame, C, on which it is made adjustable. This vignette is placed about four feet, more or less, from the instrument, and the sitter is seen through the serrated opening D. E is a colored band, the effect of which, with the serrated edge F, is to blend the colors, and show the picture surrounded by a misty or shadowy appearance.

The name G, or words, or characters of any

kind, either printed or written, is placed above or below the picture, and is seen through one of the apertures H H in the vignette. Such name, letters, or words are impressed upon the picture, and made plainly visible by the action of light when the picture is taken, the impression of the name and of the sitter being simultaneous.

The vignette is adjusted in the frame C by means of the screws J J, and raised or lowered in the tripod K by means of the staff L and screw m.

Many attempts have heretofore been made to print the name of the sitter or other words on the picture, but such attempts have not succeeded. By the use of the vignette as described the object is accomplished in the most perfect manner.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

The vignette B, having apertures H, serrated opening D and colored border E, combined with suspended name-plate G, as and for the purpose specified.

CHESTER C. MERRILL.

Witnesses:

JOHN L. BACKOOR,
IRA B. MILLS.