

UNITED STATES PATENT OFFICE.

LYMAN G. BIGELOW, OF GRAND RAPIDS, MICHIGAN.

IMPROVEMENT IN PHOTOGRAPHERS' CURTAINS.

Specification forming part of Letters Patent No. 119,111, dated September 19, 1871.

To all whom it may concern:

Be it known that I, LYMAN G. BIGELOW, of Grand Rapids, in the county of Kent and State of Michigan, have invented certain improvements in the manufacture of curtains used as accessories in photographic portraits, of which the following is a specification:

My invention relates to the curtains used in photographic studios, which are commonly made of silk or woolen fabric. My object is to manufacture from cheap cloth curtains which will in the photograph appear to be made of rich materials, thus affording at a small expense a substitute for the more costly ones now in use.

My curtains are prepared by first sizing the cloth to give the proper stiffness, so that the folds shall fall in the manner of silk or other fabrics as is desired to imitate. Then the color is added; or the coloring matter may be added to the size.

The present mode of preparing the size is thus: water, one gallon; glue, eight ounces; Colgate's soap, four ounces. Dissolve and spread evenly with a calcimining brush. After this the color is put on with brushes, mixed about one-half oil one-half turpentine, quite thin.

The soap prevents the glue from being liable to crack or flake off when the cloth is folded.

I claim as my invention—

The preparation of cheap cloth in such manner that it may, both as to its luster and folds, resemble silk or other rich fabrics, to be used in place of them, and answer all the purposes for which curtains are required in photography, substantially as described in the foregoing specification.

LYMAN G. BIGELOW.

Witnesses:

BENJAMIN A. HARLAN,
WM. H. VAN LEEUWEN, Jr.