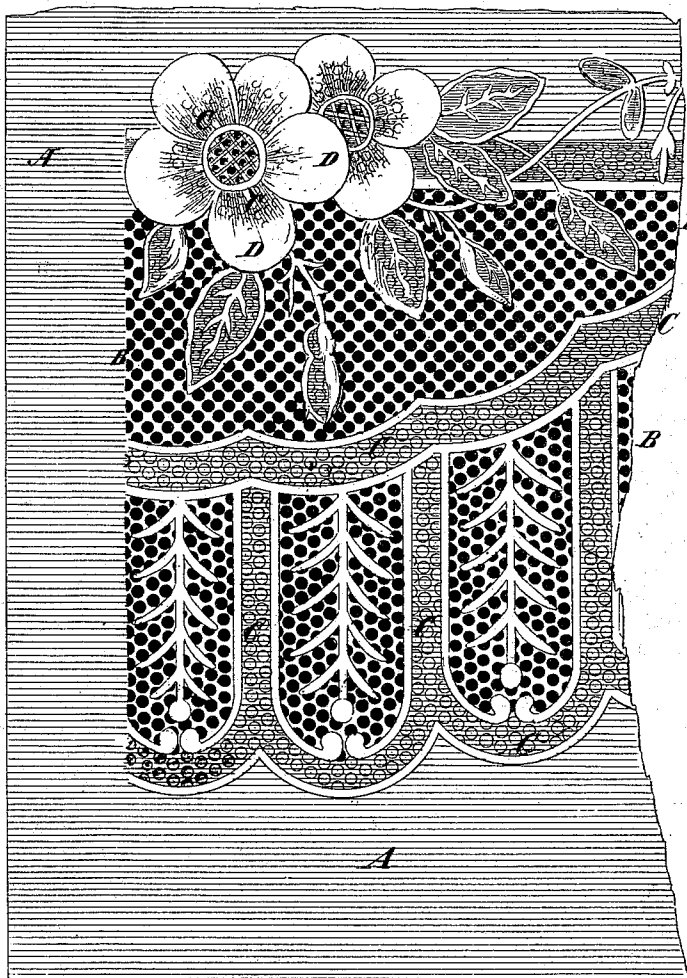


B. BIRNBAUM.

Imitation Swiss-Shades.

No. 155,698.

Patented Oct. 6, 1874.



WITNESSES:
Sustace Rietrich
Hedgwick

INVENTOR:
B. Birnbaum
BY *Munn*
ATTORNEYS.

UNITED STATES PATENT OFFICE.

BONHEIM BIRNBAUM, OF NEW YORK, N. Y.

IMPROVEMENT IN IMITATION SWISS SHADES.

Specification forming part of Letters Patent No. **155,698**, dated October 6, 1874; application filed July 11, 1874.

To all whom it may concern:

Be it known that I, BONHEIM BIRNBAUM, of the city, county, and State of New York, have invented a new and Improved Imitation Swiss Shade, of which the following is a specification:

My invention consists of a shade produced by colors on cloth, in imitation of the "applique" goods known as Swiss shades, which consist of light thin mull placed on a ground of lace as a base, on which embroidered figures are worked, the figures covering only portions of the mull, but hiding the lace entirely wherever they are, while the mull not covered by the figures only partly obscures the lace, so that it may be indistinctly seen through the mull.

My imitation Swiss shade is produced by first stenciling imitation lace on the cloth, then stenciling on the imitation lace figures representing the mull in oil only lightly mixed with pigments, and then producing the imitation embroidery figures by printing in oil on the mull, and powdering dry colors on such portions of the mull figures as are to receive the embroidery figures before the oil printed on becomes dry.

The colors thus put on make solid figures, which are also raised like embroidery, and the colors are brighter than if mixed with the oil and stenciled on, as the oil deadens them to some extent.

By this plan I am enabled to produce cheap curtains having a very fine and rich appearance, and very closely resembling the expensive applique or Swiss shades, which are comparatively new goods, having only been known about two or three years.

The accompanying drawing is a plan view of a small section of an imitation shade such as I propose to make.

A represents the cloth, which may be fine muslin, or any similar goods. B represents the imitation lace figures, which I apply with a stencil. C represents the figures in imitation of mull attached to woven lace; and D represents the imitation embroidery figures, which I produce by means of dry colors powdered on a ground first printed in oil to hold the powder.

These solid dry powder figures may be separated from the mull figures by conspicuous lines; or they may blend, as seen in different parts of the drawing.

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

1. The process of producing imitation Swiss shades for windows herein described, consisting essentially in first stenciling in color on a foundation of textile fabric an imitation lace design or ground, then stenciling upon such ground figures in oil-color representing mull, then printing on the mull figures in oil representing embroidery, and finally dusting dry powder colors upon said embroidery figures before the oil becomes dry, all substantially as specified, for the purpose set forth.

2. As a new article of manufacture, an imitation Swiss shade, when produced by the process hereinbefore described and claimed.

B. BIRNBAUM.

Witnesses:

T. B. MOSHER,

ALEX. F. ROBERTS.