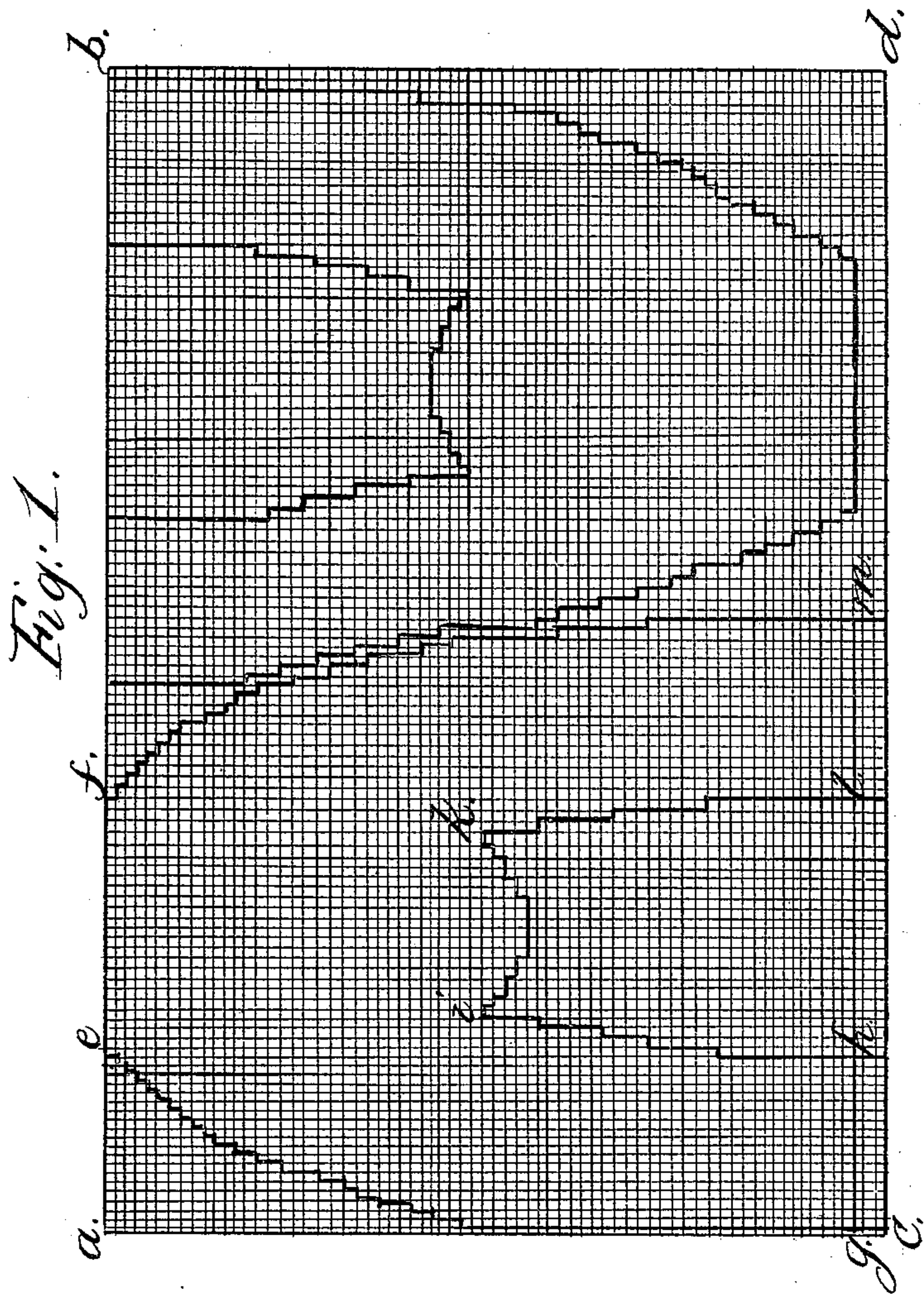


B. Muller
Woven Fabric

N^o 51,668.

Patented Dec. 19, 1865.



Witnesses.

August Heppner
Alfred S. Burgh

Inventor.

Barkard Muller

UNITED STATES PATENT OFFICE.

BURKHARD MÜLLER, OF FULDA, GERMANY, ASSIGNOR TO SCHACK & HOTOP, OF NEW YORK, N. Y.

IMITATION OF EMBROIDERY.

Specification forming part of Letters Patent No. 51,668, dated December 19, 1865.

To all whom it may concern:

Be it known that I, BURKHARD MÜLLER, of the city of Fulda, in the Electorate of Hesse-Cassel, in Germany, have invented a new and useful article of manufacture; and I do hereby declare that the following is a full and exact description thereof, reference being had to the annexed drawings, making part of this specification, in which—

Figure 1 represents a horizontal view of my said new article; Fig. 2, a cross-section thereof on an enlarged scale.

The same letters of reference mark the same figures.

The nature of my invention consists in weaving, stamping, or pressing cloth formed of linen, cotton, or wool in such a manner as to present on its surface small square elevations, on which any suitable design is to be drawn, stained, painted, or printed, so that the fabric will then present a bas-relief aspect similar to that of hand-embroidery done upon canvas, in which the regularity of the stitches is governed and determined by the square spaces intervening between the crossing threads of the warp and filling.

To enable others skilled in the art to make and use my invention, I will proceed to describe the same.

The cloth required for my imitation-embroidery is made by being pressed or woven in the shape represented by the drawings, so as to represent a surface with square elevations thereon. If the cloth is pressed into that shape, it is done by being brought between two metallic plates, one of which contains the proper elevations and depressions. If woven, it is done in any well-known manner which

will leave a portion of the surface elevated above the remainder in the form of squares. The design which I wish to imitate is then produced either by painting the same on the prepared surface by hand, or by printing the same thereon in the usual manner in which color-printing is performed.

I use for my new article of manufacture any kind of cloth suitable to receive the required coloring, painting, or printing.

Fig. 1 of the drawings represents the imitation of an embroidered-slipper pattern, *a b c d* indicating a piece of cloth cut or woven to the required size and shape for one pair of slippers, and *e f g h i k l m* representing the outline of one of the slippers, within which any suitable design may be colored or printed.

Fig. 2 represents a cross-section, either in the direction of the line *a c* or in the direction of the line *a b*.

Real embroidery upon open-meshed canvas being produced by raised colors in the form of small squares, it is evident that the impression of colors on similarly-raised squares will produce to the eye the same appearance.

I do not claim the formation of the cloth with square elevations; but

What I claim as new, and desire to secure by Letters Patent of the United States, is—

The new article of manufacture consisting of cloth with small square elevations, on which a design is painted or printed, substantially as described, for the purpose of thereby obtaining an imitation of embroidery on canvas.

BURKHARD MÜLLER.

Witnesses:

AUGUST GLAYES,
A. C. VOSBURGH.