

P A. DAILEY.  
Manufacture of Ornamental Fabrics.

No. 198.358.

Patented Dec. 18, 1877.

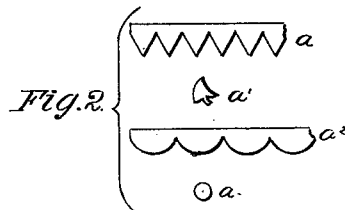
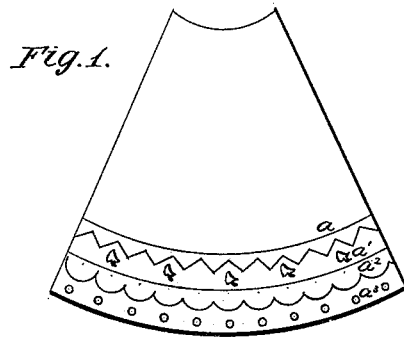


Fig. 3.

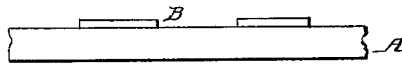
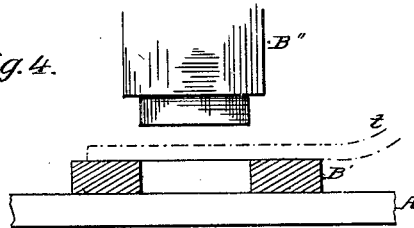


Fig. 4.



Attest:

*J. M. Green*  
*Fred Benjamin*

*Inventor*  
*P. A. Dailey*  
*By his attorney*  
*Charles Foster*

# UNITED STATES PATENT OFFICE.

PARLEY A. DAILEY, OF BROOKLYN, NEW YORK.

## IMPROVEMENT IN THE MANUFACTURE OF ORNAMENTAL FABRICS.

Specification forming part of Letters Patent No. **198,358**, dated December 18, 1877; application filed November 6, 1877.

### *To all whom it may concern:*

Be it known that I, PARLEY A. DAILEY, of Brooklyn, Kings county, New York, have invented Improvements in the Manufacture of Ornamental Fabrics, of which the following is a specification:

My invention relates to that class of fabrics in which the pattern consists of fibers applied separately to, but incorporated with, the body fabric; and my invention consists in a mode, fully described hereinafter, of manufacturing the fabric cheaply, expeditiously, and of any desired ornamental character.

In the drawing, Figure 1 is a view showing a fabric constructed in accordance with my invention; Fig. 2, views showing the pattern-pieces; Fig. 3, an enlarged sectional view of the body and pattern pieces arranged thereon; and Fig. 4, an illustrative view, showing the mode of forming and depositing the patterns.

The fabric is made by combining two different portions—to wit, a body and a pattern.

The body A consists of a strip of bat, cloth, or felt of any desired form; and the pattern of pieces or fibers B, applied to and incorporated with the body.

The pattern-pieces may be cut from loosely-felted or woven fabric, or may consist of divided fibers, rovings, flock, or cuttings, which are arranged in any required form and in proper position on the face of the foundation, and then incorporated therewith. Various modes of forming the pattern-figures may be employed, the methods adopted depending somewhat on the character of the material.

When the material is in the form of a fabric it may be cut into any desired ornamented forms, which are suitably disposed on the foundation, and incorporated therewith by felting, or by the use of barbed needles, in a manner well known.

Thus, in manufacture of a felt skirt, gore-pieces  $a^1 a^2$ , Fig. 2, are cut from the pattern fabric, and are then laid on the foundation A, Fig. 3, and incorporated therewith, as set forth, forming an ornamental gore in one homogeneous piece, as shown in Fig. 1.

When the pattern material is in the form of a flock, the flocky matter, in the form of a thin sheet, Fig. 4, is brought over a stencil or die plate, B', Fig. 4, and is cut into different patterns, and forced down into the foundation A by means of a die, B'', depositing thereon figures of any required shape and arrangement; or the material may be introduced loosely into the stencil as a loose flock, and there condensed and discharged into the foundation in a defined pattern by the descending die.

In other instances the material may be thus shaped in various dies, and the different portions transferred to and suitably arranged in a larger pattern-plate, from which they are discharged upon the foundation in proper relation to each other.

I have not shown the details of the mechanism, as they will constitute the subject-matter of other applications, and as the general features are sufficient for a perfect understanding of the mode of manufacture.

I do not claim making an ornamental felt by depositing by hand loose flock to form a pattern on a bat, and felting the two; and I am aware that an ornamented fabric has been felted to a bat.

I claim—

1. In the manufacture of fabrics by incorporating pieces or collections of fiber with a body, A, first cutting, molding, or otherwise forming the said pieces in different shapes, and then applying to and incorporating the same with the body, as and for the purpose set forth.

2. The mode of forming and applying the patterns by collecting the fiber in the openings of a stencil-plate, and then discharging the same upon the face of a bat in proper relative position, as set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

P. A. DAILEY.

Witnesses:

C. E. FOSTER,  
FREDK. BENJAMIN.