

J. W. BLACKHAM.

Process for Ornamenting Felt-Shirts.

No. 154,782.

Patented Sept. 8, 1874.

Fig:1.



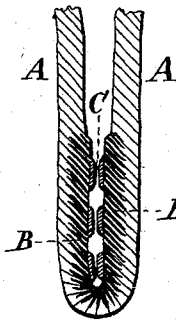
Fig:2,



Fig:3,



Fig:4,



Witnesses:

Arnold Hermann

Wm C. Dey

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UNITED STATES PATENT OFFICE.

JOB W. BLACKHAM, OF BROOKLYN, NEW YORK.

IMPROVEMENT IN PROCESSES OF ORNAMENTING FELT SKIRTS.

Specification forming part of Letters Patent No. **154,782**, dated September 8, 1874; application filed September 13, 1873.

To all whom it may concern:

Be it known that I, JOB W. BLACKHAM, of Brooklyn, Kings county, in the State of New York, have invented certain Improvements relating to Ornamented Felt Skirts, of which the following is a specification:

A patent already issued to me describes flocking held by size upon portions of a surface previously embossed and filled with coloring matter. The filling of the interstices gives a dense body to that portion of the felt, and prevents the size from being absorbed and diffused in the felt. It avoids giving a ragged and indistinct figure, and allows the figure to be definite and sharply defined.

I have discovered that without flocking, by the use of oil-colors having a sufficient body, I can produce brilliant effects on similarly-prepared surfaces; and also that by making such figures very small I can avoid cracking the paint, and thus marring it in the act of washing.

The following is a description of what I consider the best means of carrying out my invention.

The accompanying drawings form a part of this specification.

Figure 1 is a sectional view of the felt in its natural or original condition. Fig. 2 is a similar view of the same filled with coloring matter, and also raised by an embossing-die. Fig. 3 is a similar view, showing the skirt after it has been further printed with white lead or other permanent oil-paint applied in small dots upon the formerly-filled surface. Fig. 4 shows the skirt folded or crumpled, to exhibit the advantage of having the second impression in very small figures or dots.

Similar letters of reference indicate corresponding parts in all the figures.

A is the undisturbed or natural body of the

felt. B is a portion which is raised by suitable embossing-dies and filled with coloring matter, so as to give a dense body. C is a layer of white lead in oil, or other suitable oil color or colors. It is applied upon the surface B in any suitable manner, preferably by a method analogous to type-printing, or by types or engraved surfaces presenting small points. A very desirable style of decoration is to make the embossed and filled surface B in continuous lines, variously curved and scrolled, in imitation of vines or leaves, and to apply the oil-color C in a corresponding series of lines or independent dots. To produce a brilliant effect, the contrast in the color between the ground B and the dots or other figures C should be as great as possible—as white dots upon a black ground. Where colors are employed, taste may, of course, be used in harmonizing them.

In case the figures indicated by C are of any considerable size, they are liable to be broken by severe rumpling of the skirt, and especially by washing. I prefer, therefore, to make dots or other figures not much exceeding an eighth of an inch in diameter.

I claim—

The process herein described of ornamenting felt skirts and fabric by printing any desired figure or pattern in size, color, or other suitable filling upon the same, and then printing upon the pattern so printed and prepared, and within the limits of the same, similar or other patterns in oil-paint, substantially as and for the purpose described.

In testimony whereof I have hereunto set my hand.

JOB W. BLACKHAM.

Witnesses:

W. C. DEX,

ALF. C. WESTBROOK.