

J. MARK.  
SKIRT.

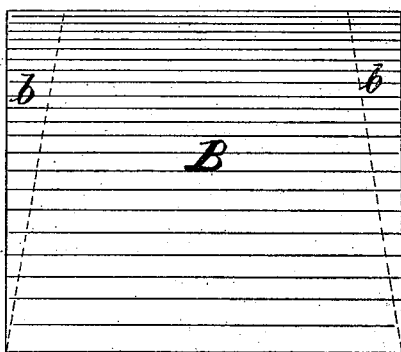
No. 189,119.

Patented April 3, 1877.

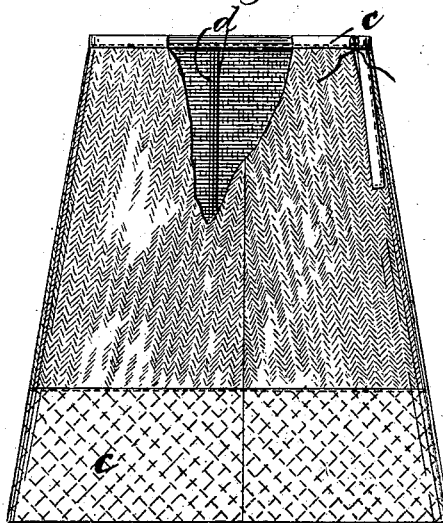
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



*Attest:*  
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*his Attys.*

# UNITED STATES PATENT OFFICE.

JULIUS MARK, OF HERKIMER, NEW YORK.

## IMPROVEMENT IN SKIRTS.

Specification forming part of Letters Patent No. **189,119**, dated April 3, 1877; application filed February 17, 1877.

*To all whom it may concern:*

Be it known that I, JULIUS MARK, of Herkimer, in the county of Herkimer and State of New York, have invented certain new and useful Improvements in the Method of Making Ladies' Knit Skirts; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a sectional view of a piece of the material employed by me. Fig. 2 is a plan view of the same cut open; and Fig. 3 a perspective view, partly in section, of my improved knit skirt finished.

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

The object of my invention is to produce, with the least possible waste of time, labor, &c., as an article of manufacture, an under-skirt for ladies and children, which, while equaling in cheapness, durability, warmth, and general usefulness, the felt skirt now in common use, or the more expensive flannel skirt, shall admit of being washed without shrinking, it being manufactured of knit material, substantially in the manner hereinafter more fully described.

The material of which I propose to manufacture my improved under-skirts is the same which is now commonly employed in the manufacture of under-shirts for gentlemen or ladies—viz., knit cloth of cotton or other material. These goods are now manufactured in tubes of about forty inches in circumference. A section of one of these tubes is shown at A, Figure 1; and in manufacturing my improved

ladies' skirts I first cut these tubes into pieces of suitable length, the length of each piece being about equal to the length that the skirts are intended to be; next, these pieces are cut open lengthwise, thus producing square pieces of knit cloth B, each of about forty inches wide, and of a length corresponding to the length of the skirts. These pieces are then sewed together, as shown in Fig. 3, triangular pieces *b b* having been previously cut off the sides of each piece, so as to give the proper shape to the skirt. Suitable trimmings *c c* are then sewed on, as shown in Fig. 3. Pieces or strips of muslin, tape, or other material are sewed over the hems, as shown at *d*, Fig. 3, and the skirt is then ready for use or for the market.

I am aware that knit skirts have been made before, hence I do not claim such, broadly; but

Having thus described my invention, I claim and desire to secure by Letters Patent of the United States—

The method herein described of manufacturing knit skirts for ladies and children, consisting in, first, cutting a tubular piece of knitted goods into lengths corresponding to the lengths which the skirts are to have; second, cutting these sections open; and, third, finishing the skirt by uniting a suitable number of these sections, goring, and trimming, substantially as and for the purpose hereinbefore set forth.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

JULIUS MARK.

Witnesses:

S. W. LINTS,  
F. POPPLE.