L. Fellheimer.

Hoop Skirt Machine.

No. 80343. Patented July 28. 1868.

Fig: 1.



Fig: 2.

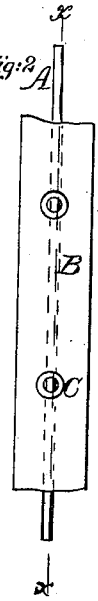


Fig: 3.

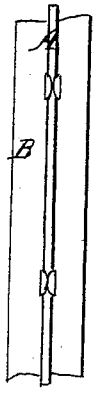
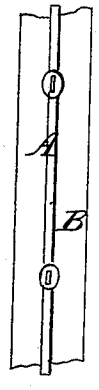


Fig: 4.



Witnesses
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United States Patent Office.

LOUIS FELLHEIMER, OF NEW YORK, N. Y.

Letters Patent No. 80,343, *dated July* 28, 1868.

IMPROVEMENT IN CLASPS FOR HOOP-SKIRTS.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, LOUIS FELLHEIMER, of New York, in the county and State of New York, have invented a new and useful Improvement in Hoop-Skirts; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

This invention relates to the manufacture of hoop-skirts, and particularly to the method of fastening the tape to the steel spring; and it consists in passing the steel spring transversely through one eyelet, and then pressing down the inner end of the eyelet on the steel, as will be hereinafter described.

Figure 1 represents a longitudinal section of the tape and steel, with the eyelet passed through the tape, and with the steel passed transversely through the eyelet in contact with the tape, but without being fastened by clenching or otherwise, the section being through the line *x x*, fig. 2.

Figure 2 shows an outside view of the tape as it appears when fastened to the steel spring in the skirt.

Figures 3 and 4 represent two methods of pressing down the inner end of the eyelet upon the steel.

Similar letters of reference indicate corresponding parts.

A is the steel spring.

B is the tape.

C is the eyelet.

Various methods have been devised for fastening the tape and the steel together, so as to prevent slipping and render the fastening durable, some of which methods are complicated and expensive, requiring metallic plates and hooks in addition to eyelets.

Being a manufacturer of hoop-skirts, I have experimented largely, with a view of finding some cheap and durable fastening, and have discovered that the simple eyelet is all that is required for the purpose.

By boring or slotting the tube of the eyelet, and passing the steel through the hole or slot thus made transversely with the tube, so that the steel will be parallel with the tape, and in contact, or nearly in contact, therewith when it is passed through the eyelet, and then crushing the eyelet down on the steel, as seen in figs. 3 and 4, the object is accomplished, and the fastening is made in the most permanent and durable manner.

The tube of the eyelet may be either slotted or a hole bored or made transversely through the tube of the eyelet, and the steel passed through the hole or slot thus formed, and the parts crushed down upon the steel, as seen in figs. 3 and 4.

The head of the eyelet will show upon the outside of the tape and skirt. The steel will be in contact with the tape inside, and the two will be secured together by crushing, as before described.

I am aware that eyelets have been used for fastening hoop-skirts, having their barrels cut longitudinally from the outer edge to the flange, leaving two or more leaves or parts detached from each other, to be folded over the steel and tape; but as this construction forms no part of my improvement, I do not therefore claim it; but having described my invention,

What I claim as new, and desire to secure by Letters Patent, is—

1. Fastening the steel, A, to the eyelet C, bearing the tape B, by passing the same through holes bored transversely through each side of the eyelet, and then crushing down the inner ends of said eyelet upon the steel, as herein shown and described.

2. Boring holes transversely through the sides of the eyelet C for the passage of the steel, A, whereby said steel is secured to the eyelet inside the tape B, as and for the purpose specified.

The above specification of my invention signed by me, this 23d day of January, 1868.

LOUIS FELLHEIMER.

Witnesses:

WM. F. MCNAMARA,

ALEX. F. ROBERTS.