

**F. HULL'S IMPROVEMENT IN HOOF SKIRTS**

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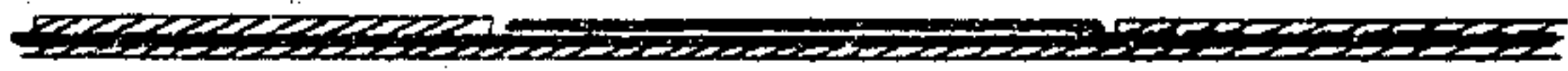
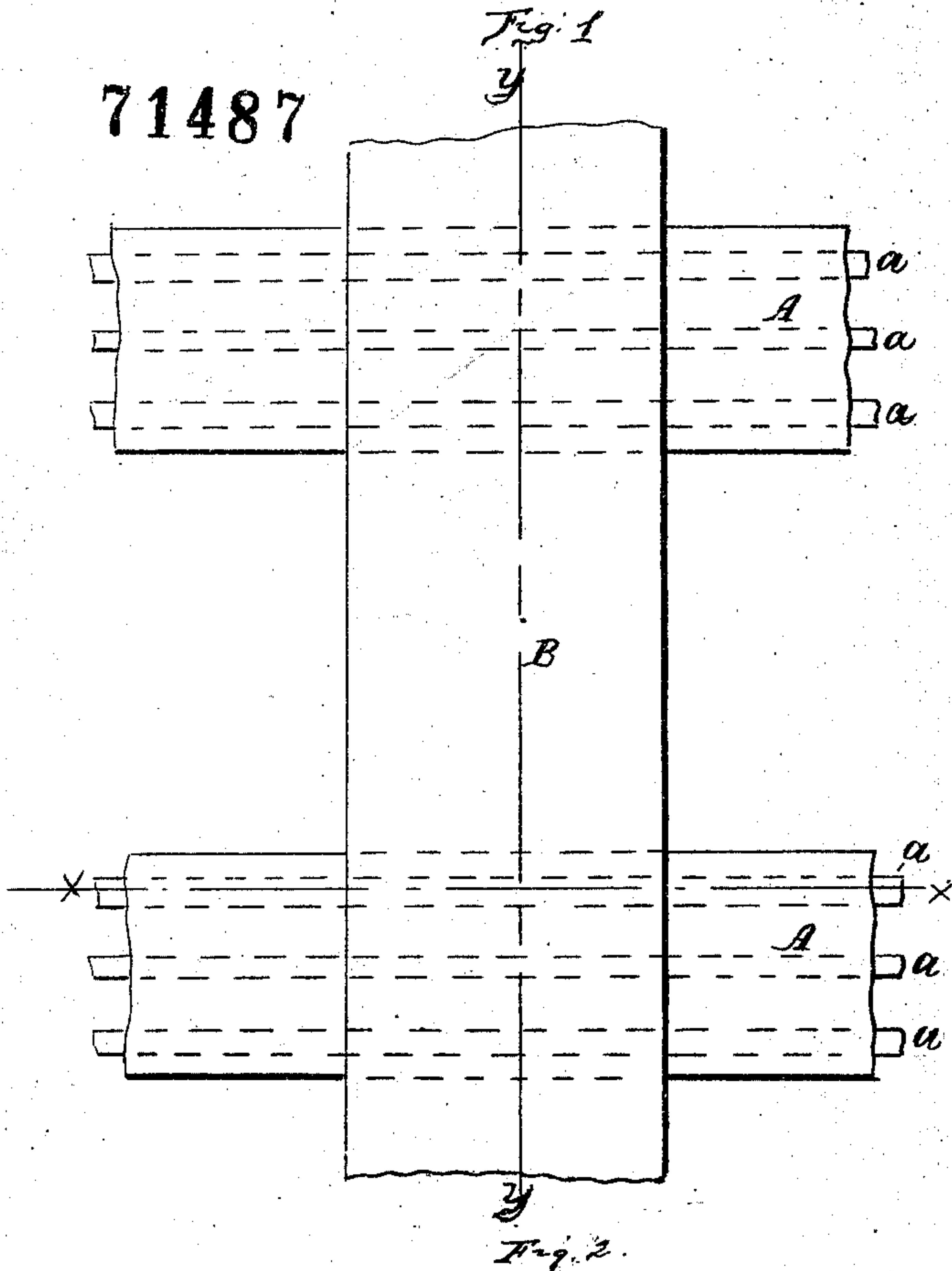


Fig. 3



Witnesses.

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By his Attorney

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# United States Patent Office.

F. HULL, OF BIRMINGHAM, CONNECTICUT.

*Letters Patent No. 71,487, dated November 26, 1867.*

## IMPROVEMENT IN 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, F. HULL, of Birmingham, in the county of New Haven, and State of Connecticut, have invented a new Improvement in Hoop-Skirts; and I do hereby declare the following, when taken in connection with the accompanying drawings, and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawings constitute part of this specification, and represent, in—

Figure 1, a front view of a portion of the tape with two hoops attached.

Figure 2, a longitudinal section on the line *xx*; and in

Figure 3, a vertical section on line *yy*.

This invention relates to an improvement in the manner of securing the springs to the vertical tapes; and to enable others to construct my improvement, I will proceed to describe the same as illustrated in the accompanying drawings.

The several hoops are formed by passing one or more springs through a tape, which is formed with a longitudinal pocket to receive the spring or springs, represented in the drawings as three springs, *aaa*, through a tape, A. In figs. 2 and 3 the springs are represented in black, the longitudinal tape in red, and the vertical tape B in yellow. The several springs may first be braided in the usual manner or not. The springs are inserted into their respective pockets in the tape A at the edge of the tape, one or more are passed out from the pocket in the tape A, and run through the pocket in the vertical B, then again into the pocket in the tape A at the opposite edge of the tape B, as seen in figs. 2 and 3, and so around at each vertical tape. If a single spring be used, the spring is passed out from the pocket in the tape A, in the same manner as described for the three or more springs.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The attachment of hoops to vertical tapes by means of the spring inserted so as to pass through the pocket in the vertical tape while the covering of the wire is upon the outside of the pocket in the vertical tape, substantially as herein set forth.

F. HULL.

Witnesses:

F. HALLOCK,  
EDWIN HALLOCK.