

T. B. DeForest.

Hoop Skirt.

N<sup>o</sup> 59895

Patented Nov. 20, 1866.

Fig. 1.

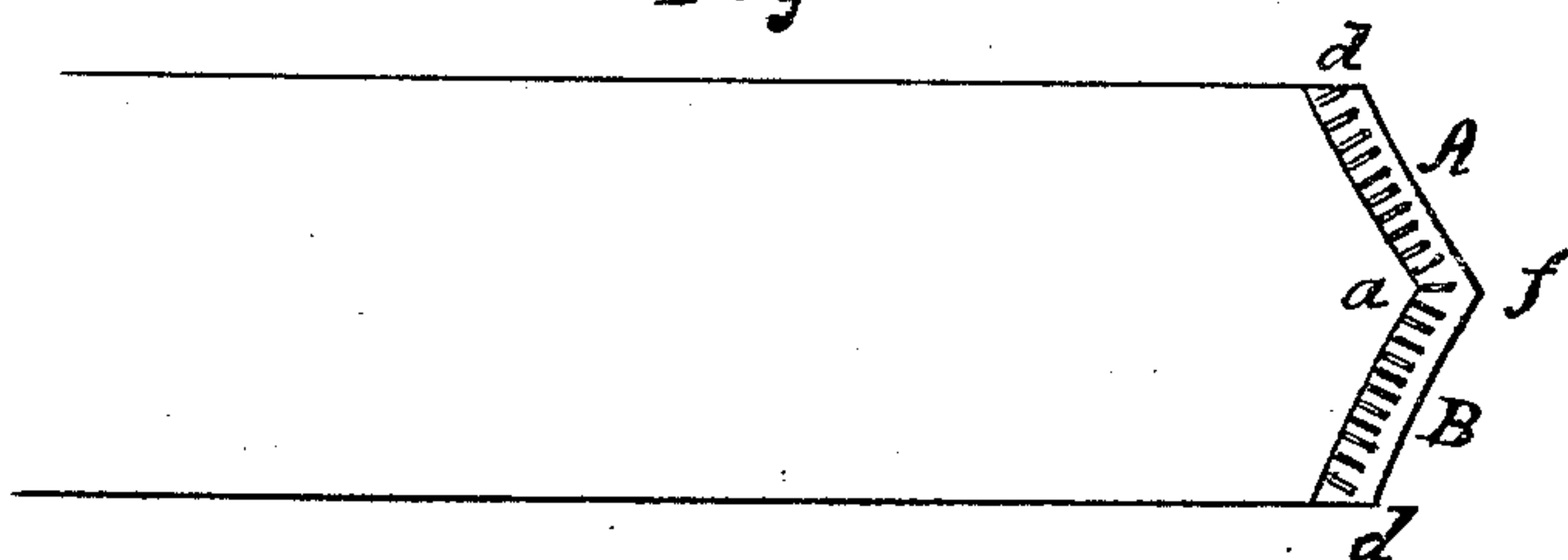


Fig. 2.

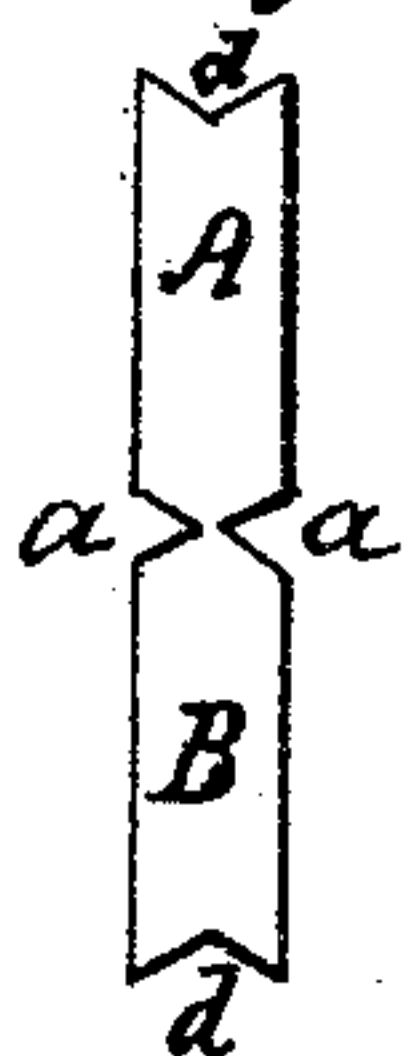


Fig. 3.



Inventor.

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Witnesses.

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# United States Patent Office.

## IMPROVEMENT IN METALLIC BINDINGS.

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*Letters Patent No. 59,895, dated November 20, 1866.*

### SPECIFICATION.

#### TO ALL WHOM IT MAY CONCERN:

Be it known that I, THOMAS B. DE FOREST, of Birmingham, in the county of New Haven, and State of Connecticut, have invented a new improvement in Metal Tips for Skirt Bands; 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, the end of a skirt band tipped with my improved tip.

Figure 2, the tip as formed in blank—and in

Figure 3, as folded preparatory to application to the band.

Heretofore, the end of the band has been bound with tape or other ribbon, which soon wears away, and permits the end of the band to fray out, and unless great pains is taken in binding the band, it has a rough and unfinished appearance. To bind or tip the band in a neat and durable manner, is the object of my invention, which consists in covering the end with metal, so as to form a point or angle near the centre, and secured to the band by indenting the metal.

To enable others skilled in the art to construct and use my improvement, I will proceed to describe the same as illustrated in the accompanying drawings.

From thin sheet metal, I punch the blanks of nearly the form as seen in fig. 2, the notches *a*, being cut in the centre, so as to permit the tip to bend to form the angle or point at the centre of the band, and notch *d*, in the ends, is formed so that when the tip is closed upon the end of the band, the two ends of the tip will be parallel with the edges of the band. Having thus formed the blank, I next double the blank as seen in fig. 3, then insert the band (which is previously cut to the proper angle) between the doubled sides of the tip, and turn the two ends, A and B, so as to form the angle as at *f*, fig. 1, and close the tip firmly upon the band by a press or dies or other device, to indent the metal into the fabric as shown, so as to prevent the removal from the band. Said indentation being oblique to the fibre of the fabric. The notches, *a a*, closing at the angle, as seen in fig. 1, and the ends *d*, when so turned, correspond to the line of the edges of the band, and thus an extremely neat and durable finish is formed upon the end of the band. The point or angle *f*, is necessary to the convenience of inserting the band through the buckle or clasp. I have represented the tip as formed in one piece, yet if preferred, a separate clasp may be used for each side of the angle otherwise the same as I have described. It is cheaper and better to form it in a single piece as described. I am aware that the raw or cut end of fabrics have been covered with metal to prevent "fraying" out, I therefore, do not wish to be understood as broadly claiming such covering as my invention.

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

Tipping or binding the end of skirt bands with metal when the said tip is secured to the strap by indentations oblique to the fibre, in the manner substantially as described.

THOS. B. DE FOREST

Witnesses:

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