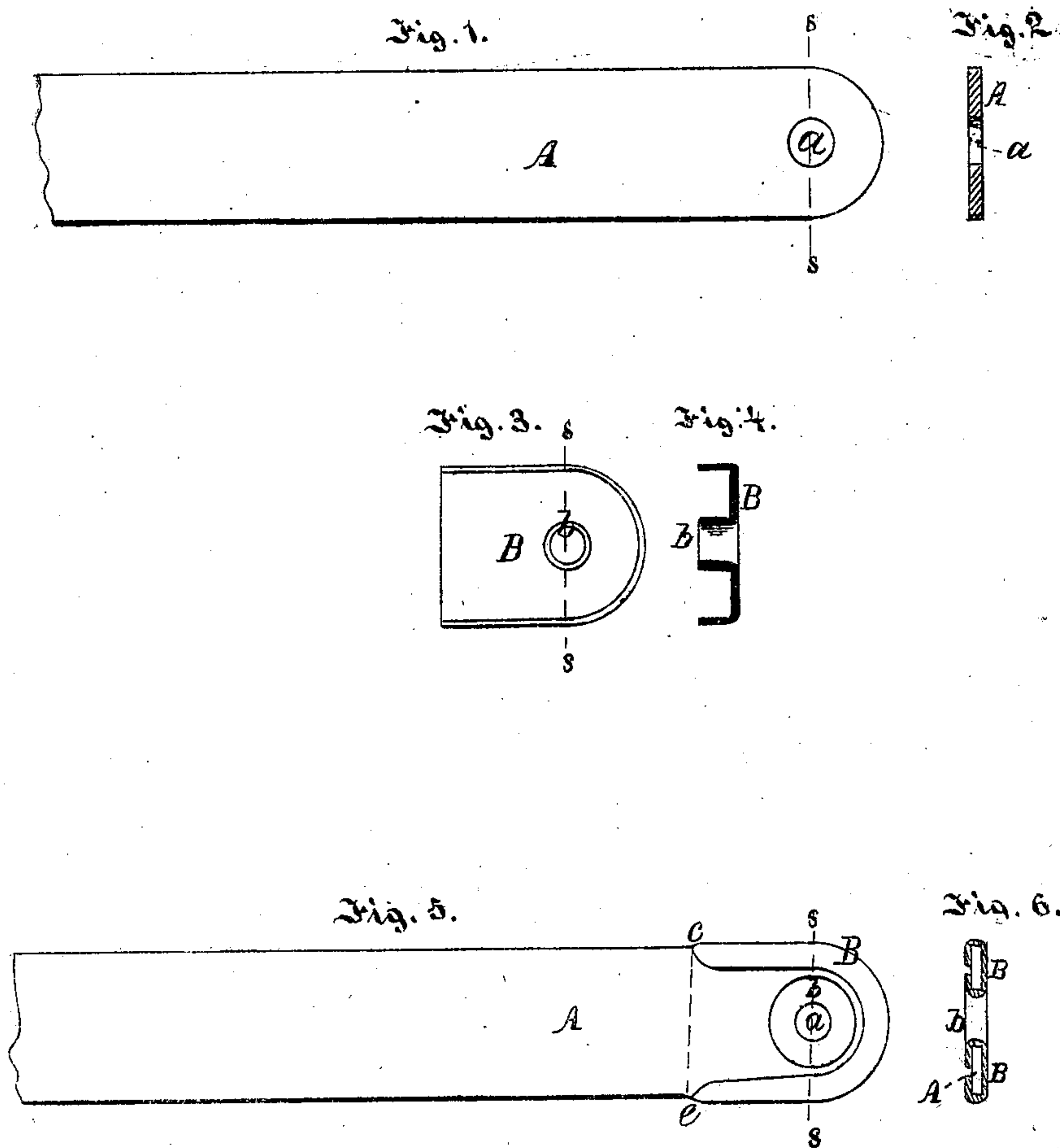


*S. J. Sherman,*  
*Corset.*

*No. 34531.*

*Patented Feb. 25. 1862.*



Witnesses:

*G. H. Barcock,*  
*D. W. Titton*

Inventor:

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# UNITED STATES PATENT OFFICE.

SYLVESTER J. SHERMAN, OF BROOKLYN, NEW YORK.

## IMPROVEMENT IN SPRINGS FOR LADIES' DRESSES.

Specification forming part of Letters Patent No. 34,531, dated February 25, 1862.

*To all whom it may concern:*

Be it known that I, SYLVESTER J. SHERMAN, of Brooklyn, in the county of Kings and State of New York, have invented a new and useful Improvement in the Ends of Steel Stiffening-Pieces in Dresses, Corsets, and other Articles of Clothing; and I do hereby declare that the following is a full and exact description of the same, reference being had to the accompanying drawings, forming a part of this specification, in which—

Figure 1 is a side view of the end of the steel A.

Fig. 2 is a cross-section thereof on line S S. The end of the steel is rounded and provided with a hole *a*, as represented.

Fig. 3 is a side view of a piece B *b* of softer metal as prepared for covering the edges of the steel A at and near the end and lining the interior of the hole *a*.

Fig. 4 is a cross-section thereof on the line S S. The part *b* is tubular, as represented, and the edges of B on three sides may be bent up or turned partly over, as represented. B and *b* are made in one piece, and may be produced by striking up in dies from suitable pieces of sheet metal. The material may be brass, bronze, white metal, or any metal sufficiently soft to produce the proper effect. The parts A *a* and B *b* are to be applied together in the manner which is obvious, so that the tubular part *b* shall enter the hole *a* and the edges of B shall project beyond or partially embrace A on three sides. The whole is then to be compressed between dies adapted to spread the end of *b* and to fold over and flatten down and smoothly finish the edge of B.

Fig. 5 is a side view of the job when finished, the corners of B at C C having by the form and operation of the compressing-dies been thinned and rounded, as represented, so as to present little or no sharp salient angle

at the junction of B with A. The construction of the dies to effect this will be obvious to every mechanic skilled in the striking up of metals and need not be specially delineated.

Fig. 6 is a cross-section of the finished end on the line S S in Fig. 5.

Similar letters of reference denote like parts in all the figures.

The advantage due to my invention is that the edge of the steel A and the hole *a* may be shaped sufficiently well by simply shearing and punching without previously destroying the temper, and the finished article will be safely and securely held by ordinary means. The importance of these results will be readily appreciated both by those who manufacture and by those who use these adjuncts of dress. As heretofore manufactured the steel has been very liable by its thinness and sharpness to cut the fibrous material by which it is confined, and to protrude through the cloth in a very annoying if not dangerous manner after a very little wear. By my invention the end is both thickened and smoothed, and the character of the soft-metal surface presented is adapted to allow its ready confinement by thread or other fastening inserted in the hole, or even by any suitable means tightly embracing the exterior alone of the end.

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

A spring or busk for clothing, having the ends covered by a soft metal applied and secured substantially in the manner specified, and for the purposes set forth.

S. J. SHERMAN.

Witnesses:

THOMAS D. STETSON,  
G. H. BABCOCK.