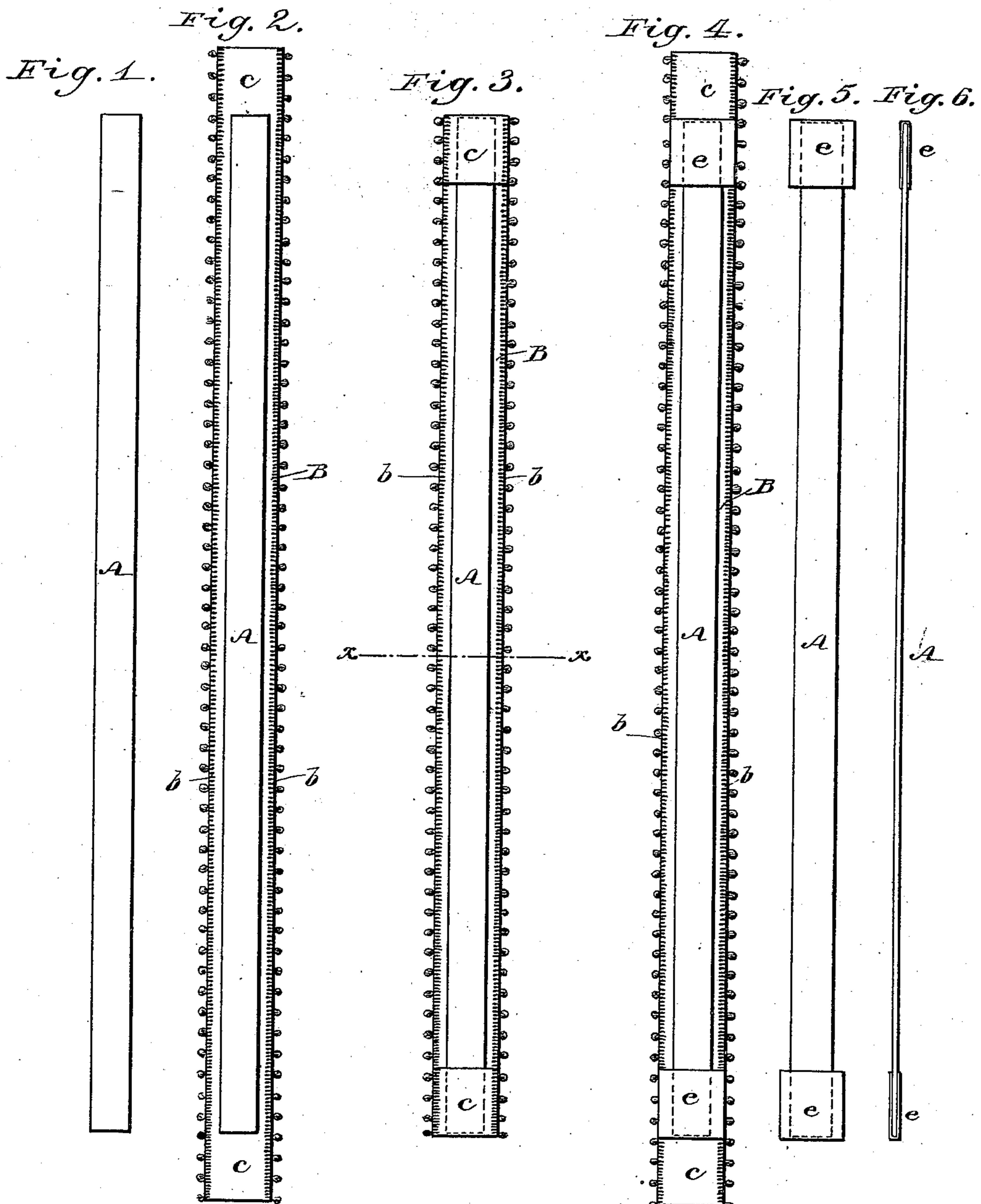


(No Model.)

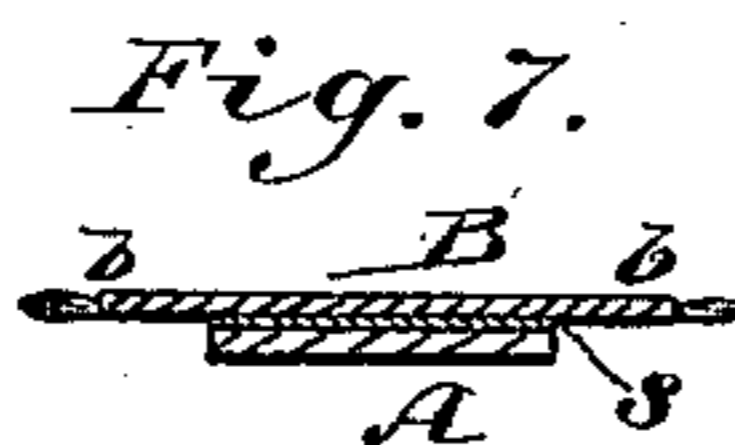
E. K. WARREN & J. H. AMES.
GARMENT STAY.

No. 418,597.

Patented Dec. 31, 1889.



WITNESSES:
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UNITED STATES PATENT OFFICE.

EDWARD K. WARREN AND JOSEPH H. AMES, OF THREE OAKS, MICHIGAN.

GARMENT-STAY.

SPECIFICATION forming part of Letters Patent No. 418,597, dated December 31, 1889.

Application filed January 9, 1889. Serial No. 295,870. (No model.)

To all whom it may concern:

Be it known that we, EDWARD K. WARREN and JOSEPH H. AMES, both of Three Oaks, in the county of Berrien and State of Michigan, have invented a new and useful Improvement in Dress or Garment Stays, of which the following is a full, clear, and exact description.

This invention relates to stays or stiffeners for corsets and other garments or articles of dress and wear in which an outer face-covering of suitable fabric is secured to the blade of the stay and selvages are formed beyond opposite side edges of the blade for securing the stay to the garment. A garment-stay of this character is shown and described in Letters Patent No. 389,993, granted to E. K. Warren September 25, 1888; but the invention which is the subject of the present specification essentially differs therefrom, not only in having the covering cemented to the blade instead of being stitched thereto, but in other important particulars; and it consists in a dress-stay formed of a thin resilient blade and an ornamental fabric strip of greater width than the blade, the adjacent faces of the blade and strip being glued or cemented together, and the margins or selvages of the strip being free from the glue or cement.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 represents a face view of the blade of the stay before the covering-strip is applied to it; Fig. 2, a rear longitudinal view of the same after said covering has been applied, but not showing the ends of the covering turned back over the ends of the blade. Fig. 3 is a similar view to Fig. 2, but showing the ends of the covering as turned back over the ends of the blade and secured thereto. Fig. 4 shows a back view of the covered stay with the ends of the covering projecting and with independent covering-pieces applied to the ends of the blade. Fig. 5 is a longitudinal face view of the blade having its ends protected, as in Fig. 4, but not showing the outer covering applied throughout

the length of and beyond the ends of the blade; and Fig. 6 is an edge view of the same. Fig. 7 represents a transverse section of the covered stay upon the line *xx* in Fig. 3.

A indicates the stiffening-blade of the stay, which may be made of feather-bone, whale-bone, horn, metal, or any other suitable material.

B is the outer face-covering strip, which may be made of ribbon or any other suitable fabric that when applied to the blade will embellish or give a finished appearance to the stay, and which is of greater width than the blade, so as to leave projecting longitudinal marginal portions or selvages *bb* throughout the length of the blade on both edges of it, and that provide for stitching the stay to the garment, said covering also being preferably made longer than the blade, so as to form projecting portions *c c* at both ends of the blade. This covering *B* is secured to the blade by paste, glue, or other suitable cement *s*, shellac being preferred, and which constitutes a cheap, simple, and secure means of uniting the blade and covering together. The projecting end portions *c c* of the finished exterior of the stay or covering-strip *B* may be turned over the back end portions of the blade and be cemented thereto to protect the blade from projecting, as shown in Fig. 3 of the drawings; but when it is desired to leave the ends of the covering *B* projecting beyond the ends of the stay or blade thereof, then the ends of the blade may be capped or protected by an independent covering *e*, doubled over the ends of the blade and cemented thereto, as shown in Figs. 4, 5, and 6 of the drawings. When the outer face covering or strip *B*, however, is extended beyond the ends of the blade and turned over and cemented to it, then the same piece of material which forms the covering *B* serves not only as a face-finished covering to the stay, but also to cap or protect the ends of the blade.

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

As an improved article of manufacture, a dress-stay formed in two parts—namely, a

thin resilient blade having a coating of glue
or cement on its inner face and a fabric strip
connected to the blade throughout its length
by said glue or cement and projecting at
5 its longitudinal edges beyond the blade and
the glue or cement, whereby the said project-
ing edges or selvages are free from stiffening

and adhesive material, substantially as set
forth.

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Witnesses:

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