

S. BATES.
Paper-Collar.

No. 200,685.

Patented Feb. 26, 1878.

Fig. 1.

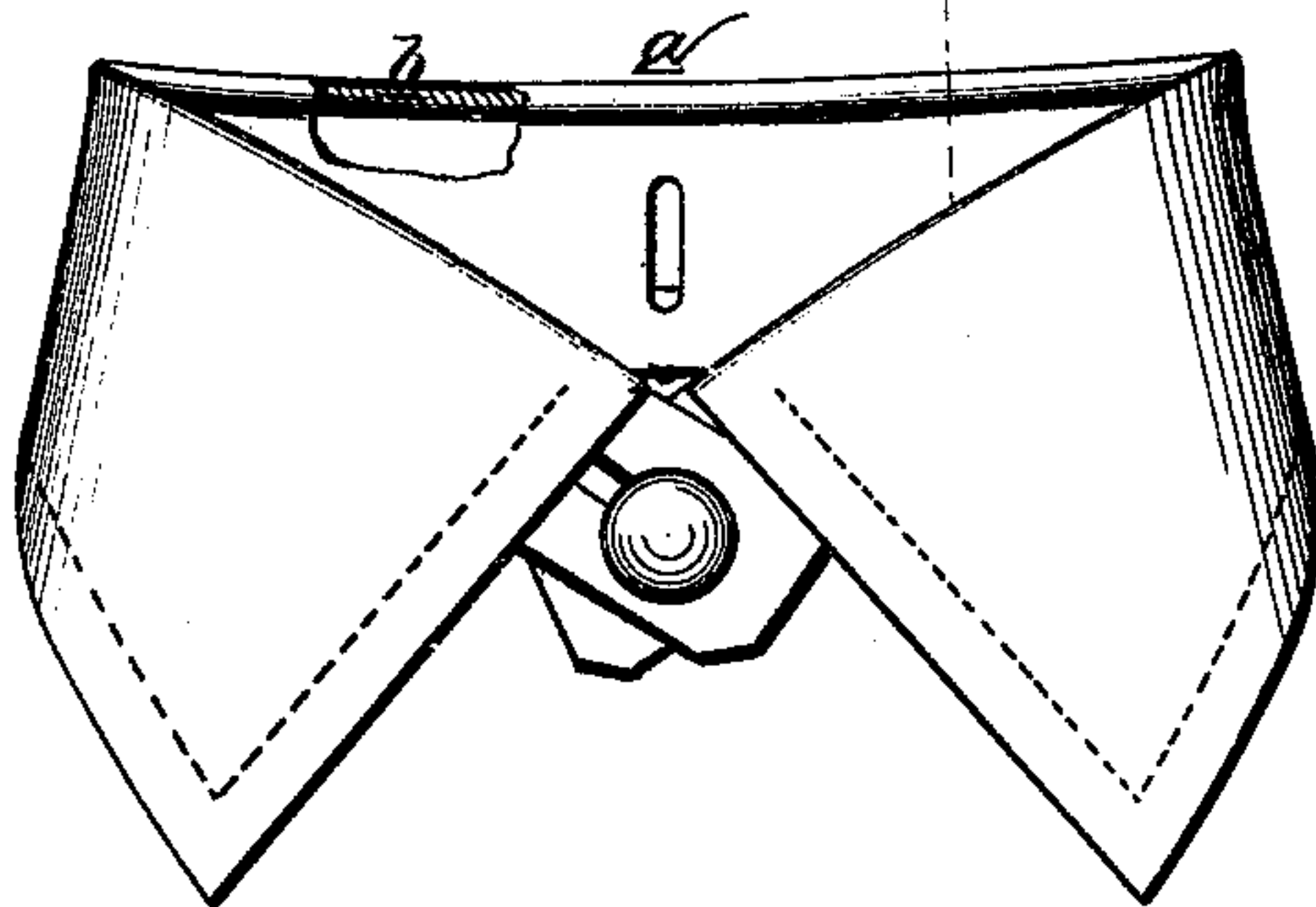
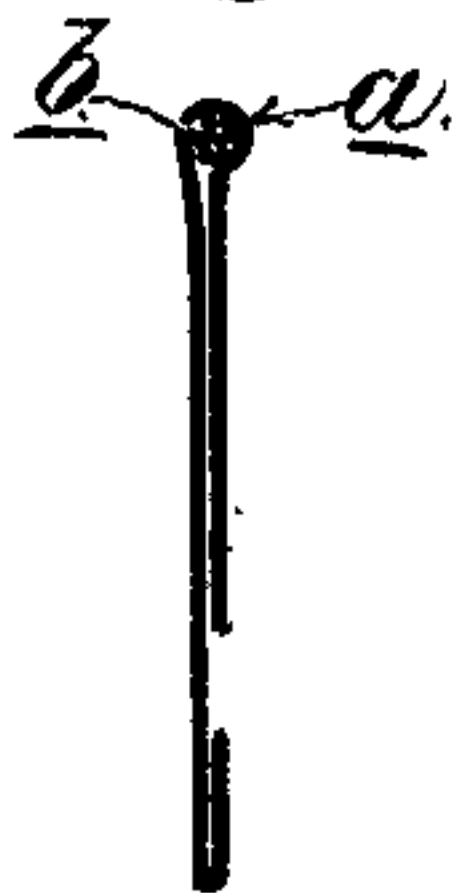


Fig. 2.



WITNESSES.

George F. L. L.
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STEPHEN BATES, OF PROVIDENCE, RHODE ISLAND.

IMPROVEMENT IN PAPER COLLARS.

Specification forming part of Letters Patent No. **200,685**, dated February 26, 1878; application filed December 10, 1877.

To all whom it may concern:

Be it known that I, STEPHEN BATES, of the city and county of Providence, State of Rhode Island, have invented a new and useful Improvement in Collars; and I do hereby declare that the following specification, taken in connection with the drawings and forming a part of the same, is a true, clear, and exact description thereof.

My invention relates to that general class of collars which are composed of paper, or of paper and cloth combined, and to that particular class thereof known as "turn-down" collars; and my invention consists of a turn-down collar composed of paper, or paper and cloth, provided at the folded edge with a bead, which projects inward for contact with the neck of the wearer.

The advantage of this construction is, that the band of the collar is kept away from the neck of the person wearing it, and also the collar more closely resembles a linen collar.

In the drawings, Figure 1 represents in perspective my improved collar, and Fig. 2 represents a sectional view of the same.

The collar is formed out of paper-stock by any of the modes known to the art. It is also, as preliminary to being folded, creased at the place where the fold is to be, by suitable machinery for the purpose, in the ordinary way. After the collar-blank has been creased, I then subject it to the action of any suitable machinery, the character of which forms no part of this invention, whereby a bead, *a*, is made

at the fold, substantially as shown at *a*, Figs. 1 and 2. I also prefer to insert in the concavity formed by the bead, and on the inside of the fold, a cord, *b*, which is attached to the collar-fabric by glue or suitable adhesive material. The object of the cord is to make the bead solid on the inside and prevent it from flattening.

Where paper stock composed of part paper and part cambric of the best quality is employed, it will not be necessary to stiffen the bead by means of the cord or other suitable material for filling it.

When the collar is completed it presents the appearance shown at Fig. 1. The inward projection of the bead causes all the rest of the band to stand off from the neck of the wearer, and thus the irritating effect of the whole or a considerable portion of the paper-collar band coming next the skin is prevented. Beside this, the thickened edge, where the fold comes, gives to the paper collar the same effect which belongs to a collar of linen.

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

A turn-down collar composed of paper, or paper and cloth combined, and provided at the folded edge with a bead, which projects inward for contact with the neck of the wearer, substantially as described.

STEPHEN BATES.

Witnesses:

GEORGE FULLER,
W. H. THURSTON.