

No. 795,738.

PATENTED JULY 25, 1905.

H. R. STEVENSON & W. THOMAS, JR.

SUSPENDERS.

APPLICATION FILED OCT. 29, 1904.

Fig. 1.

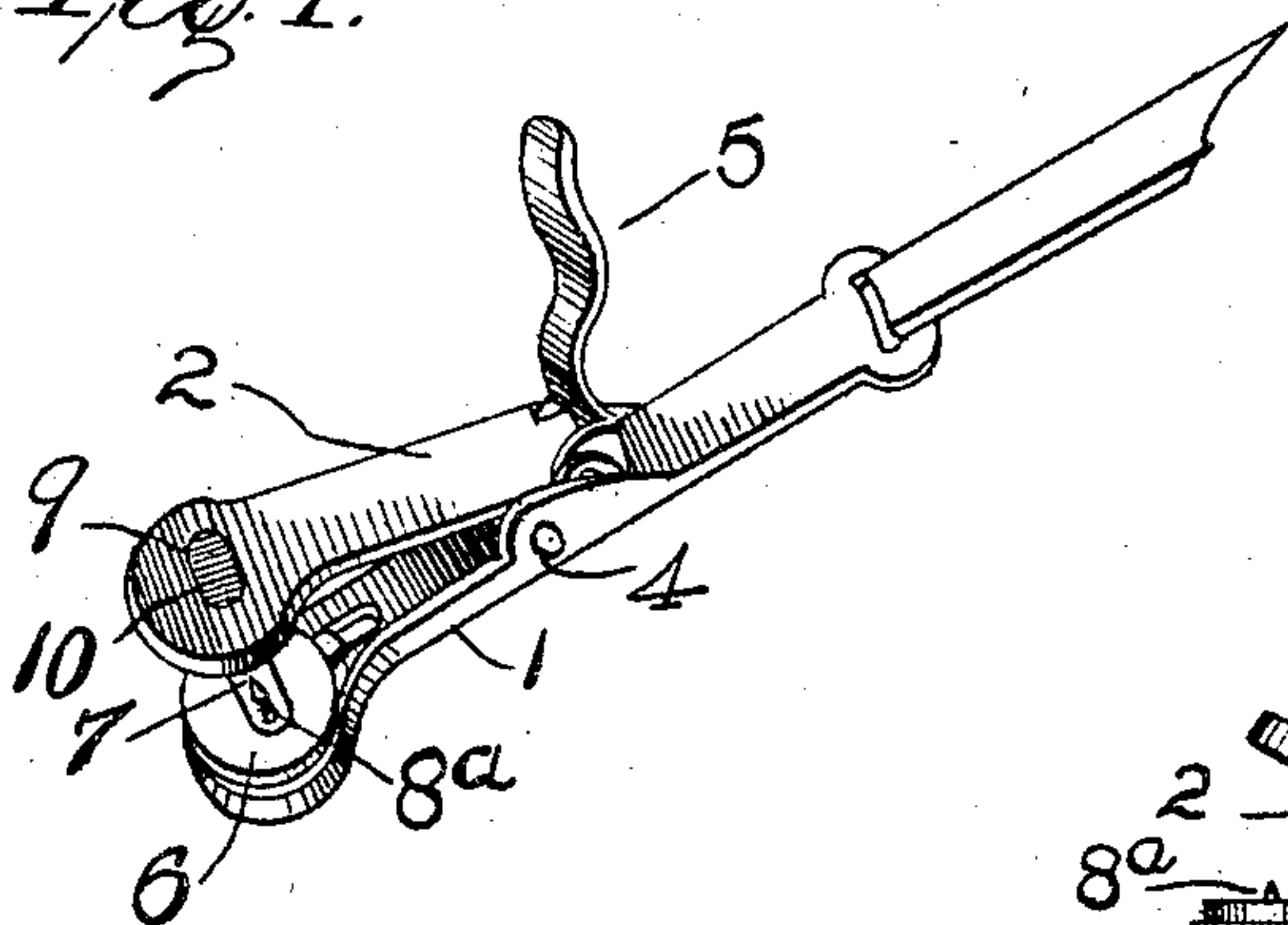


Fig. 5.

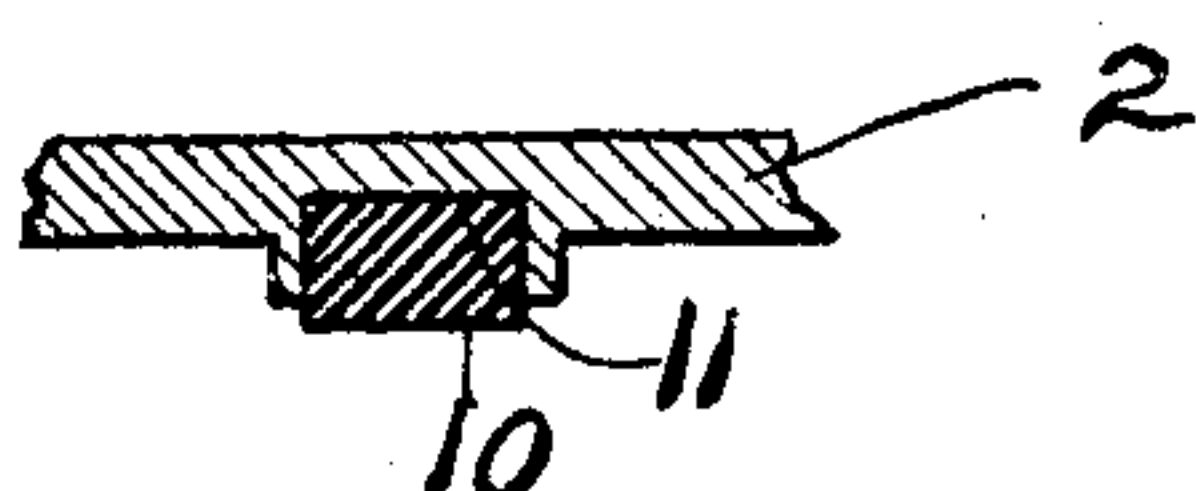


Fig. 2.

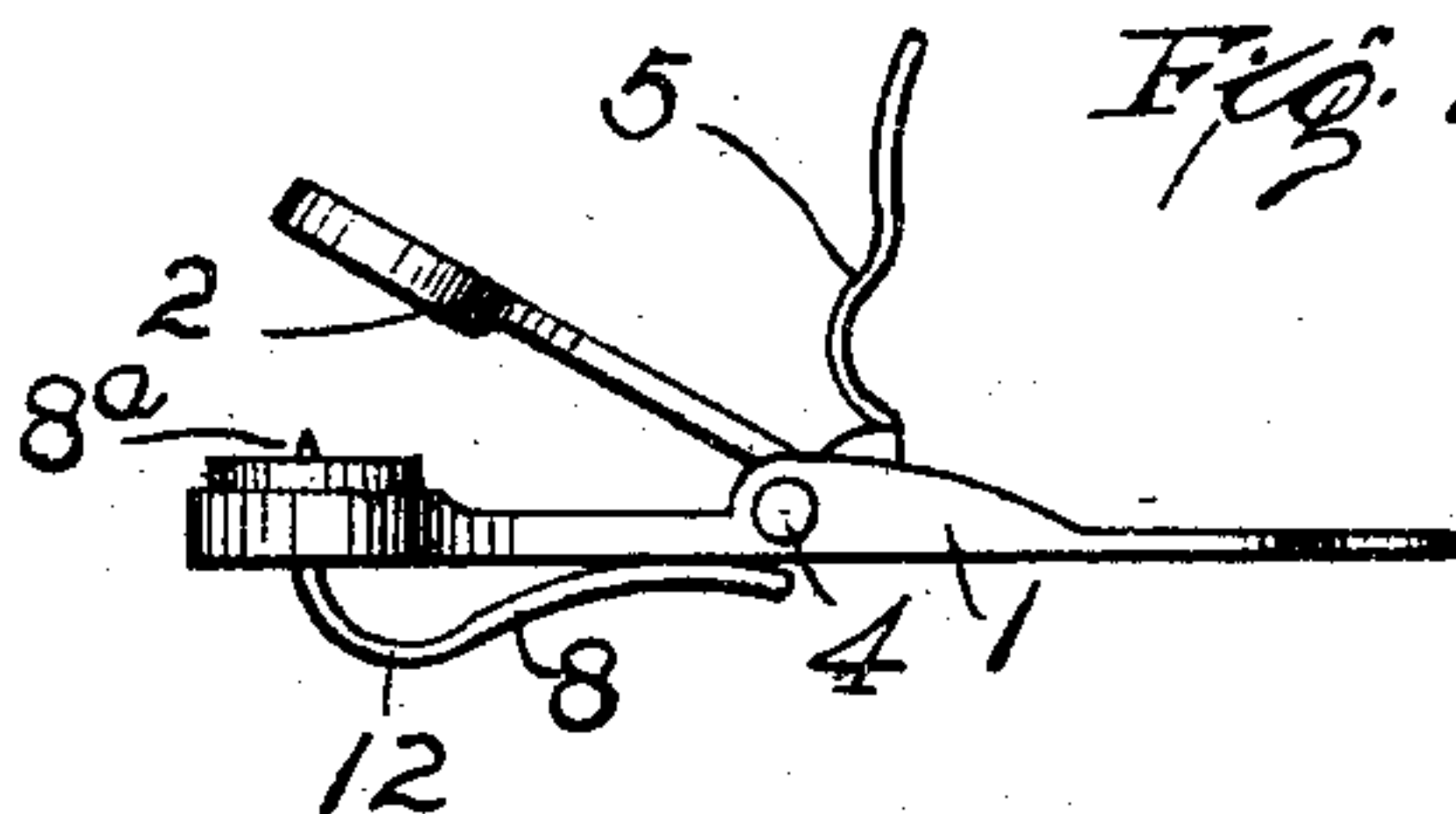


Fig. 3.

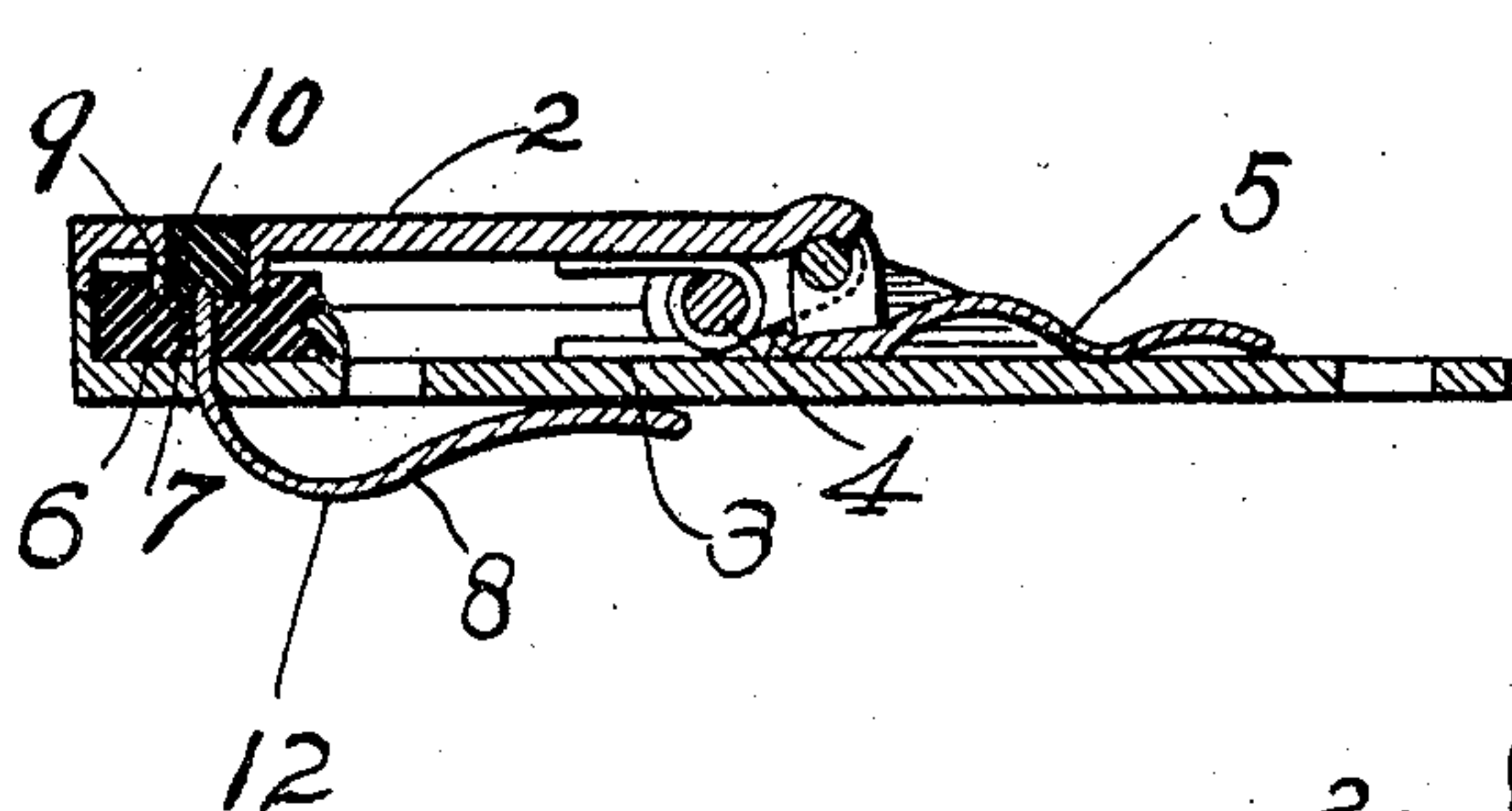
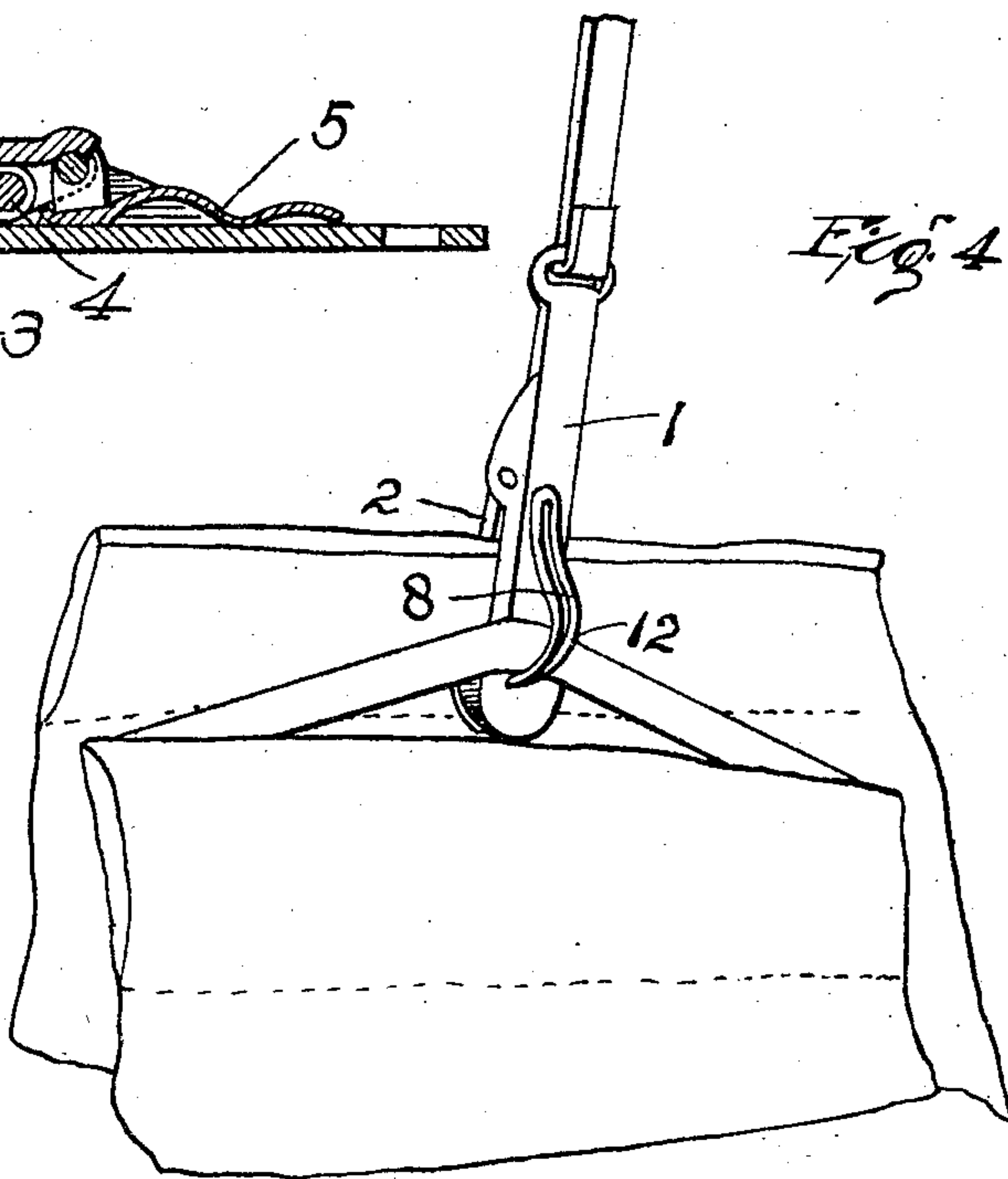


Fig. 4.



Witnesses
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SUSPENDERS.

No. 795,738.

Specification of Letters Patent.

Patented July 25, 1905.

Application filed October 29, 1904. Serial No. 230,535.

To all whom it may concern:

Be it known that we, HARLOW R. STEVENSON and WILLIAM THOMAS, Jr., citizens of the United States, residing at St. Regis Falls, in the county of Franklin and State of New York, have invented certain new and useful Improvements in Suspenders; and we do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

Our invention relates to improvements in suspenders.

It has for its object to provide a buttonless combination trousers and drawers supporter.

The invention consists in the details of construction and combination of parts hereinafter described, and more particularly pointed out in the claims concluding this specification.

In the accompanying drawings, illustrating the preferred embodiment of our invention, Figure 1 is a perspective view of the device open. Fig. 2 is an edge view thereof open. Fig. 3 is a longitudinal sectional view of the device closed. Fig. 4 is a broken perspective view showing the device attached to the two garments, and Fig. 5 is a sectional view of a slightly-modified form of construction of the projecting portion of the movable jaw.

While the preferred embodiment of our invention is fully illustrated in the accompanying drawings and its construction and operation are clearly described in this specification, the right is reserved to make such changes from the construction shown and described herein as the scope of the claims hereto appended will permit.

Referring more particularly to the drawings, we provide a clasp of the general shape of that shown in United States Patent No. 685,983. Said clasp is provided with a fixed jaw 1 and a pivoted jaw 2, the latter having a coiled spring 3 around its pivotal shaft 4, whereby it is automatically opened when the operating-lever 5 is raised. The fixed jaw 1 is provided with a socket-piece 6, of yielding material, having a socket 7, through which project the pointed ends 8^a of a bent-wire piece 8, arranged at the back of the clasp. Opposite said socket and the pointed extremities of the piece 8 the movable jaw is provided with a perforated projection 9, adapted to fit said socket in the fixed jaw. The perforation in the projection 9 is filled in with yielding ma-

terial 10, into which the pointed extremities of the piece 8 seat themselves when the clasp is closed. If desired, the opening in the projection 9 may not extend all the way through the movable or pivoted jaw; but a socket 11, with its bottom closed by the metal forming the outer surface of said jaw, as shown in Fig. 5, may be used. In this construction there is no chance of the yielding filling material being forced out of place by the ends of the piece 8, as might occur when the opening extends all the way through.

The piece 8 is formed, preferably, of bent wire extending along the back of the clasp, as shown, and curves slightly outward, as at 12, to provide a ready entrance for the tape usually secured at the upper edge of drawers, so that this garment and the trousers may be both supported by our single device without the use of any buttons or buttonholes.

We do not claim, broadly, the form of clasp shown in the patent hereinbefore mentioned, but the same with our improved attachment.

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

1. A clasp comprising a fixed, and a pivoted jaw, said fixed jaw having a bent piece extending upward along its rear surface said bent piece having its lower extremity passing through the fixed jaw and adapted to engage the article to which the clasp is attached.

2. A clasp comprising a fixed, and a pivoted, jaw, said fixed jaw having a bent piece extending upward along its rear surface, said bent piece having its lower extremity pointed and passing through the fixed jaw and adapted to engage the article to which the clasp is attached.

3. A clasp comprising a fixed, and a pivoted, jaw, said fixed jaw having a bent piece extending upward along its rear surface, said bent piece having its lower extremity pointed and passing through the fixed jaw, said pivoted jaw having a socket-piece of yielding material forming a seat for said pointed extremity.

4. A clasp comprising a fixed, and a pivoted, jaw, said fixed jaw having a bent piece extending upward along its rear surface for the purpose specified, said bent piece having a plurality of pointed ends passing through the fixed jaw, said pivoted jaw having a socket-piece of yielding material forming a seat for said points.

5. A clasp comprising a fixed, and a pivoted, jaw, said fixed jaw having a bent piece extending upward along its rear surface for the purpose specified, a socket-piece of yielding material secured to said fixed jaw, said bent piece having a pointed extremity passing through said fixed jaw and its socket-piece, the pivoted jaw having a projection adapted to fit the socket in said socket-piece, said projection itself having a socket-piece of yield-

ing material to seat said pointed extremity of said bent piece.

In testimony whereof we affix our signatures in presence of two witnesses.

HARLOW R. STEVENSON.
WILLIAM THOMAS, JR.

Witnesses:

JOHN H. DULLEA,
WM. THOMAS, Sr.