

(No Model.)

J. A. ADAMSON.

SUSPENDERS.

No. 248,976.

Patented Nov. 1, 1881.

FIG. 1.

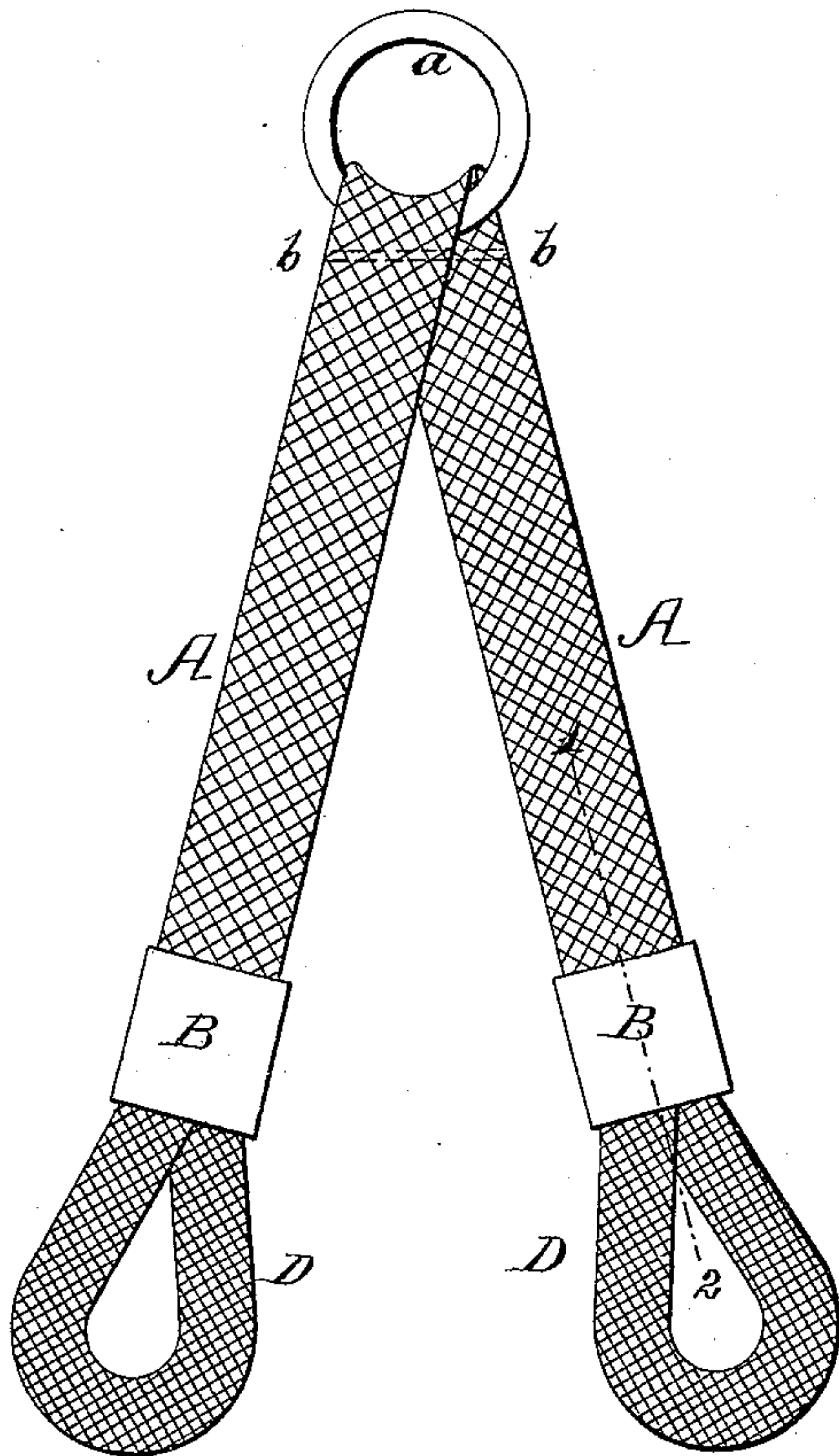


FIG. 2.

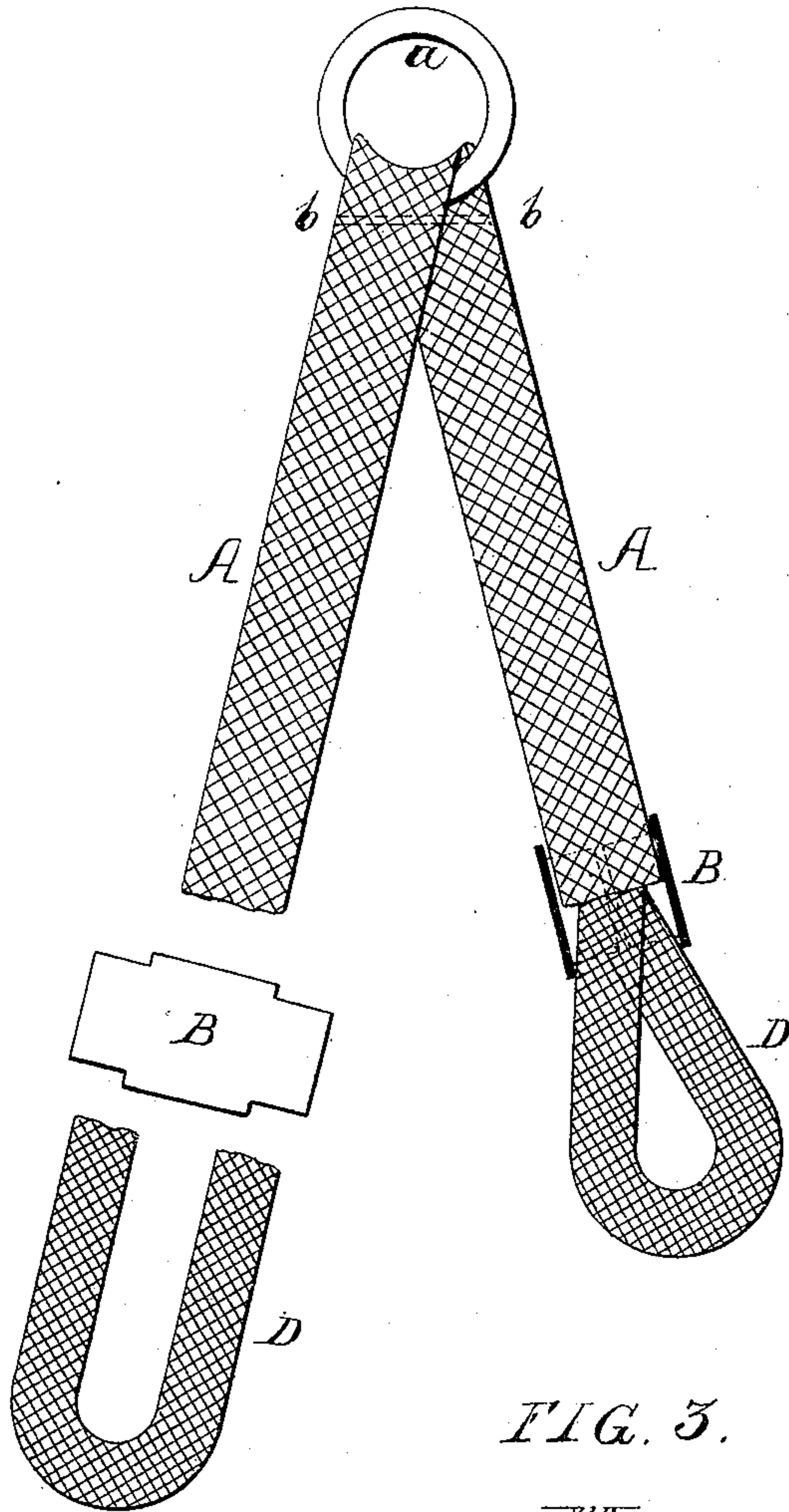


FIG. 4.

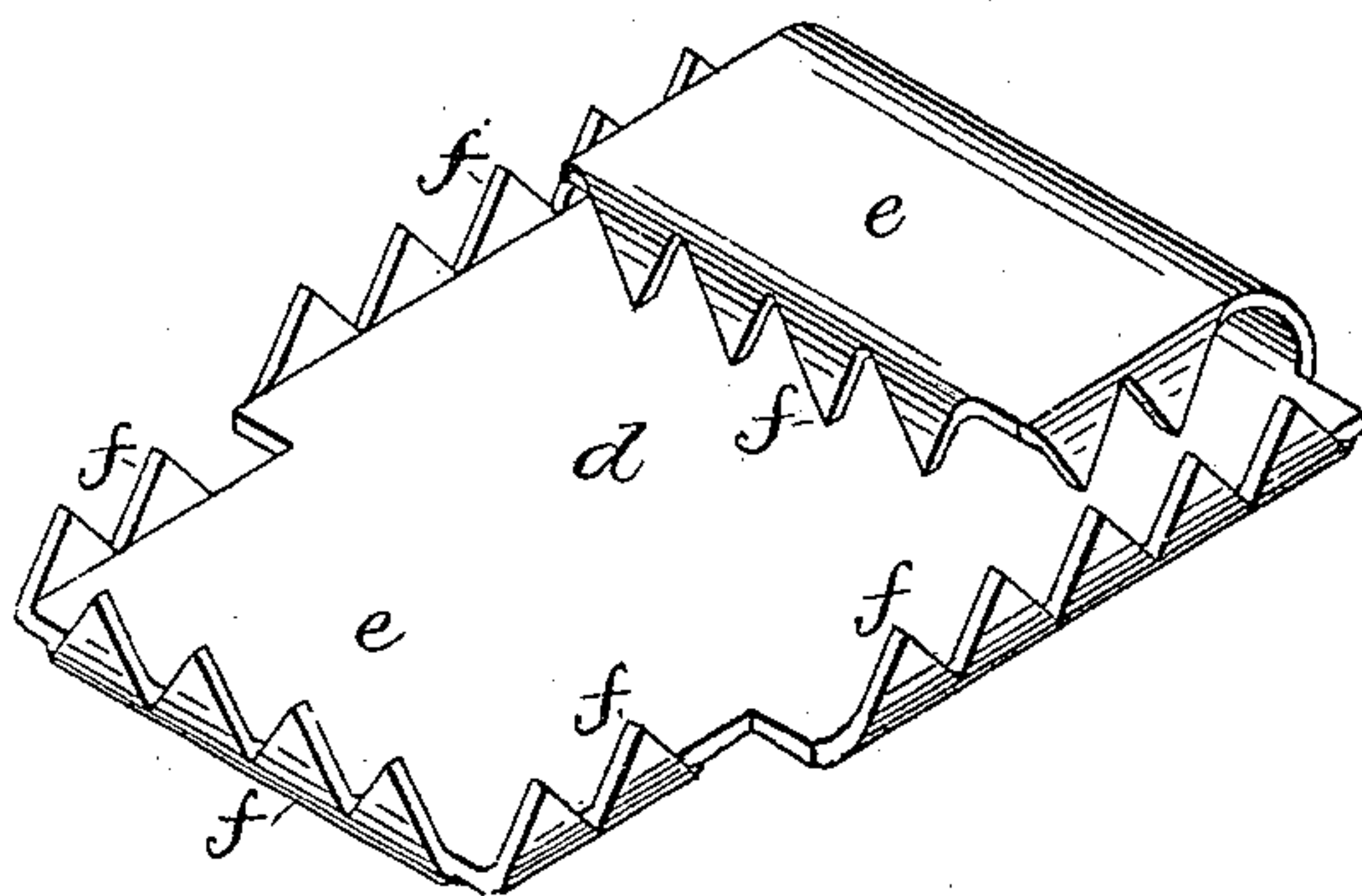
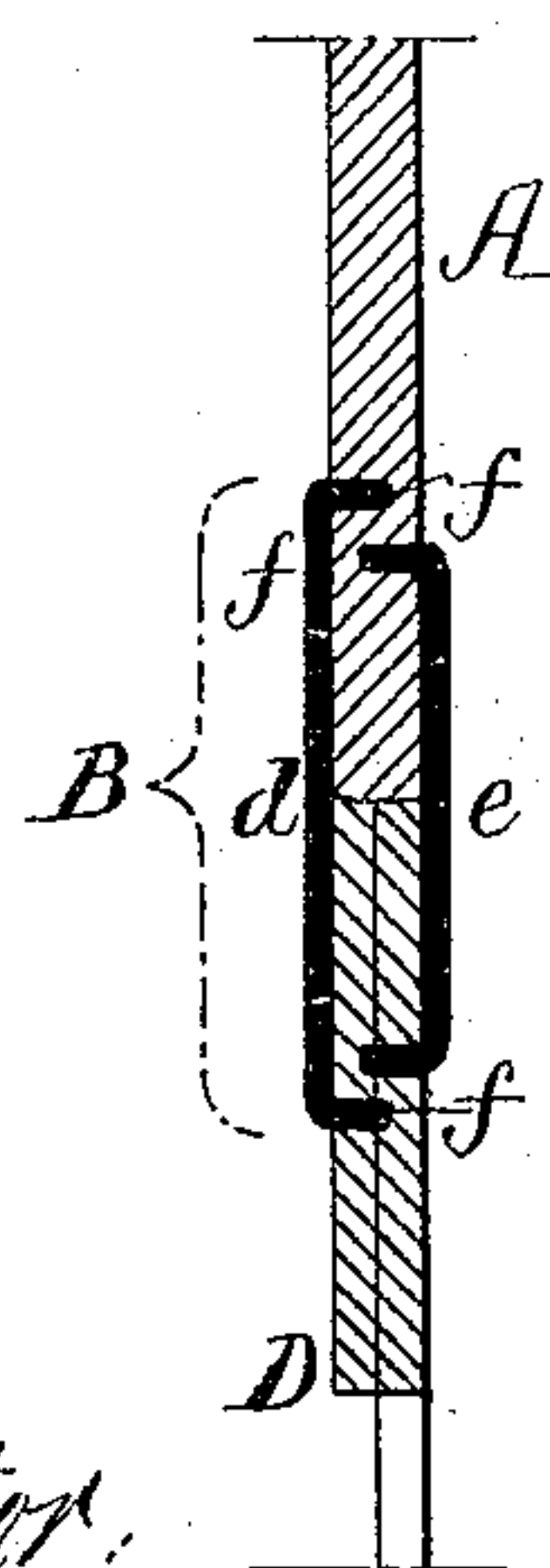


FIG. 3.



Witnesses:
Harry Smith
James F. Tobin.

Inventor:
J. Arthur Adamson
by his Attorneys,
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UNITED STATES PATENT OFFICE.

J. ARTHUR ADAMSON, OF PHILADELPHIA, PENNSYLVANIA.

SUSPENDERS.

SPECIFICATION forming part of Letters Patent No. 248,976, dated November 1, 1881.

Application filed March 7, 1881. (No model.)

To all whom it may concern:

Be it known that I, J. ARTHUR ADAMSON, a citizen of the United States, residing in Philadelphia, Pennsylvania, have invented an Improvement in Suspenders, of which the following is a specification.

My invention relates to that class of suspenders in which a waist-strap composed of a flat web of braid is combined with button-loops of flat braid, the object of my invention being to insure a firm connection between the webs of the waist-strap and button-loops. This object I attain in the manner which I will now proceed to describe, reference being had to the accompanying drawings, in which—

Figure 1 is a front view of a waist-strap and button-loops made according to my invention; Fig. 2, a view of the same character, but showing some of the parts in section and some detached; Fig. 3, an enlarged section on the line 1 2, Fig. 1, and Fig. 4 a perspective view, also enlarged, of the clasp, whereby the waist-strap and button-loops are connected.

A is the waist-strap which is made of flat braid, folded midway of its length, and passed through a ring, *a*, which is held in place in the fold of the strap by lines of stitching *b*. This, however, forms no part of my invention, as many of the devices now in use for connecting the waist-straps to the main webs of the suspenders may be used in place of the ring.

To each end of the strap A is secured by means of a clasp, B, a button-loop, D, consisting of flat braid somewhat narrower and less in thickness than the braid forming the strap A. The ends of each braid-loop D overlap each other, and the end of the strap A and the overlapping ends of the loop D are embraced by the clasp B, which, as shown in Fig. 4, consists of a central plate, *d*, with wings *e* less

in width than the central plate, both the latter and the wings having on their edges upturned teeth *f*, so that when the clasp is bent in order to embrace the ends of the strap A and loop D, the teeth on the central plate, *d*, of the clasp will enter one side of said strap and loop, while the teeth on the wings *e* will enter the opposite side of the same, as shown in Fig. 3, and will occupy a position inside the teeth of the central plate, *d*, so that each set of teeth may be made long enough to almost penetrate the braid, a secure hold of the clasp upon the latter being thus insured.

The braid forming the strap A may, if desired, be made slightly elastic throughout, or may have an elastic section or sections combined therewith.

I do not desire to claim a suspender-end having flat waist-strap and flat button-loops united by a flat clasp; but

I claim as my invention—

1. The within-described clasp for suspenders, said clasp consisting of a central plate, *d*, having toothed edges *f*, and bent wings *e* less in width than the plate, and also provided with toothed edges, as set forth.

2. The combination of the strap A and button-loops D, made of flat braid, with the clasps B, adapted to the ends of the strap A, and the overlapping ends of the loops D, each of said clasps comprising the toothed plate *d* and toothed and bent wings *e* less in width than the plate, as set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

J. ARTHUR ADAMSON.

Witnesses:

JAMES F. TOBIN,
HARRY SMITH.