

(No Model.)

J. W. SMITH.
SUSPENDER END.

No. 258,487.

Patented May 23, 1882.

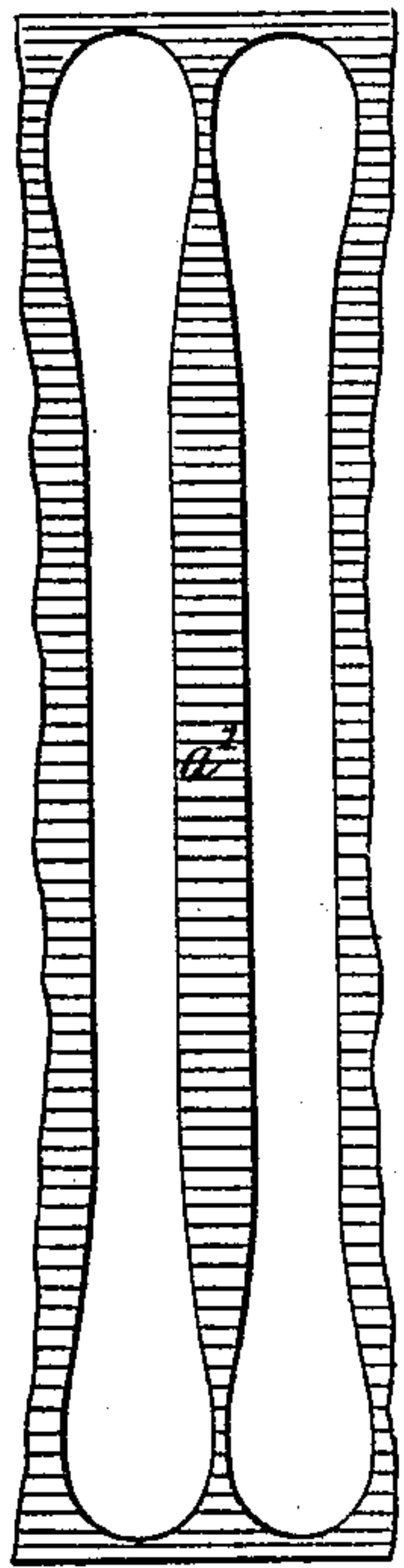


Fig. 3.

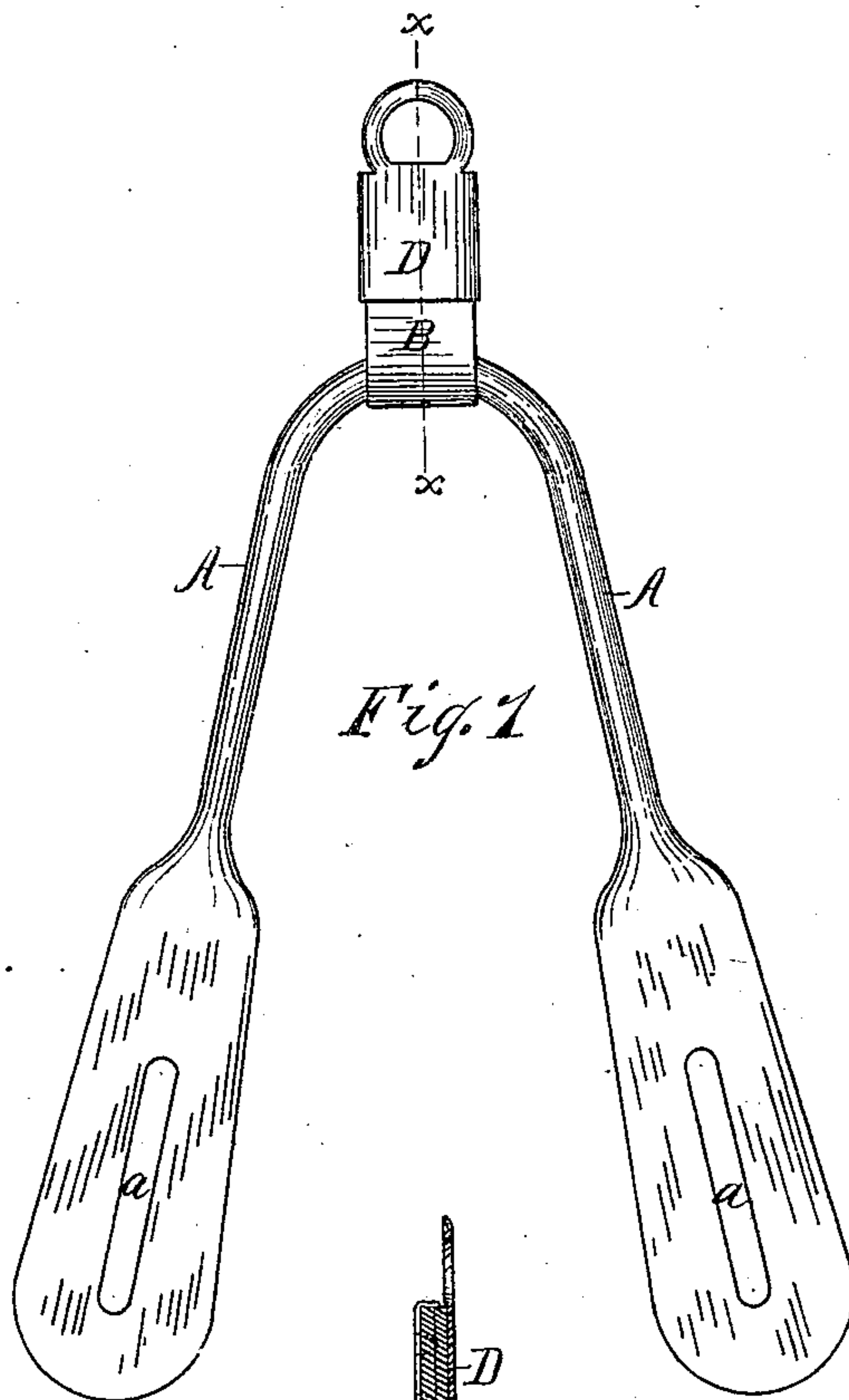


Fig. 1



Fig. 2.

Witnesses:

Wm. Pittel

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Atty

UNITED STATES PATENT OFFICE.

JOSEPH WILLIAM SMITH, OF BOSTON, MASSACHUSETTS.

SUSPENDER-END.

SPECIFICATION forming part of Letters Patent No. 258,487, dated May 23, 1882.

Application filed November 21, 1881. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH WILLIAM SMITH, of Boston, in the county of Suffolk and State of Massachusetts, have invented a new and
5 useful Improvement in Suspender-Ends, of which the following is a specification.

My invention consists in a button-strap circular in cross-section, except where the button-holes are made, with a short strip of leather
10 or other flexible material of proper strength passed around it and secured in loop shape by a metallic clasp, which is provided with an eye or the like, for attachment to the suspenders.

In the accompanying drawings, which illustrate a suspender-end embodying my invention, Figure 1 is a front view, and Fig. 2 is a
15 section through the clasp, loop, and button-strap, of my improved suspender-end on line *x*. Fig. 3 is a diagram, half-size, showing the
20 manner of cutting the button-straps from leather.

The button-strap A is made circular at and near its middle, so that it may render freely through the loop B, which is made by bending
25 a strip of leather or other suitable flexible material around the strap A, then bringing the ends together and securing them by a metallic clasp, D. The button-strap A has at each end button-holes *a a*. The metallic clasp D, which
30 secures and holds together the ends of the strip B after it is bent around the circular part of the button-strap A, is provided with an eye or the like, as shown in the drawings, or it may be part of or attached to a buckle or link, or
35 adapted in other ways to be attached to the suspenders.

In practice the button-straps A are cut from leather, as shown in Fig. 3, and the strip *a'*,
40 is used to make two of the loops B. This strip

a' has heretofore been thrown away as useless. By now utilizing it I obtain my strips for the loops practically without cost.

Suspender-ends have been heretofore constructed by looping a flexible strip over a round
45 strap, one end of the loop being made long enough to pass through a buckle or the like and fold back over the other end, thus making three thicknesses of material, which were
50 sewed together by one or more rows of stitches. Rigid longitudinally-curved passages have also been used for the circular strap of the suspender-ends to slide in, as shown in Patent No. 161,111 of March 25, 1875, to S. W. Fisk, re-
55 issued September 30, 1879, No. 8,912, and in Patent No. 227,183, May 4, 1880, to A. Shenfield.

In my improved suspender-ends a flexible strip, which can be made from the waste material left after cutting out the button-straps,
60 is bent around the circular part of the button-strap, its ends laid together and secured by the metal clasp, thus saving material and also time and labor, since bending the flexible strip around the button-strap and attaching the
65 clamp to secure the ends are quickly and easily accomplished. My device is also much lighter, and more sightly, and less expensive than the stitched flexible loop heretofore used.

I claim as my invention—

The improved suspender-end above described, consisting of the button-strap A, circular in cross-section at and near its middle, the flexible strip B, looped around it, as shown,
70 and with its ends laid together and secured by the metal clasp D, all as set forth. 75

JOS. WM. SMITH.

Witnesses:

G. B. MAYNADIER,
J. R. SNOW.