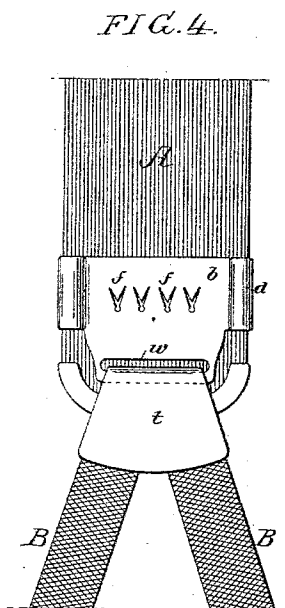
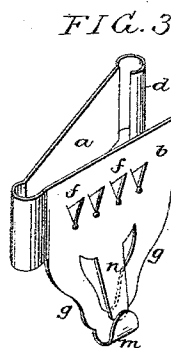
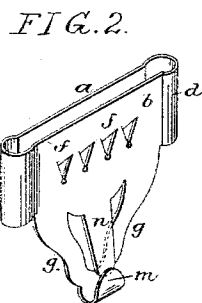
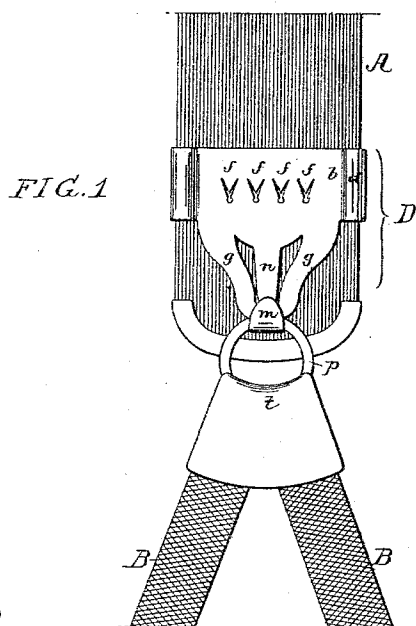


(No Model.)

J. ELSON.
SUSPENDER CLASP.

No. 319,212.

Patented June 2, 1885.



Witnesses
Henry Bossert
Harry Smith

Inventor
Jacob Elson
by his Attorneys
Howson & Sons

UNITED STATES PATENT OFFICE.

JACOB ELSON, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR OF ONE-HALF
TO HENRY BERNHARDT GROSS, OF SAME PLACE.

SUSPENDER-CLASP.

SPECIFICATION forming part of Letters Patent No. 319,212, dated June 2, 1885.

Application filed January 12, 1885. (No model.)

To all whom it may concern:

Be it known that I, JACOB ELSON, a citizen of the United States, and a resident of Philadelphia, Pennsylvania, have invented certain
5 Improvements in Suspender-Clasps, of which the following is a specification.

My invention is based upon that for which I obtained Letters Patent No. 307,382, October 29, 1884, the object of my present improve-
10 ment being to adapt the clasp shown and claimed in said patent for use in connection with the shoulder-straps and waist-straps of suspenders.

In the accompanying drawings, Figure 1 is
15 a front view of my improved clasp, sufficient of the shoulder-strap and waist-straps being shown to illustrate the way of applying the clasp; Fig. 2, a perspective view of the clasp closed; Fig. 3, a similar view of the clasp open,
20 and Fig. 4 a view showing a modified construction of the clasp.

The clasp shown in my above-mentioned patent was adapted for a suspender-clasp by using the same in a position the reverse of that
25 shown in the patent, the projection on the edge of the body-plate of the clasp being attached to the waist-straps; but when the clasp is intended for use with suspenders I prefer to modify the construction of the same in the
30 manner shown in the drawings.

A represents part of the shoulder-strap of one of a pair of suspenders; B B, part of the two waist-straps to be connected thereto, and D the clasp whereby this connection is ef-
35 fected. The main portion of this clasp is similar to that described in my former patent, and comprises a plate, *a*, one end of which is bent over, so as to form an elastic tongue, *b*, the opposite end of the plate being bent over to
40 form a hook, *d*, overlapping the end of the tongue and serving as a retainer therefor, as shown in Fig. 2, the back plate or the hook, or both, possessing such elasticity that said hook can be readily sprung back away from
45 the end of the tongue *b* when it is desired to release the same. (See Fig. 3.)

When the strap A is inserted between the plate *a* and tongue *b* of the clasp, and said tongue *b* is retained by the hook *d*, the strap
50 will be held so firmly that it cannot move longitudinally, the hold upon the strap being increased by providing the tongue *b* with in-

wardly-projecting barbs or spurs *f*, as shown; or these spurs may, if desired, be formed upon the back plate, or both the latter and the
55 tongue may be provided with spurs.

On the lower edge of the tongue *b* is a projection, *g*, which is constructed for the reception and retention of the attachment at the upper ends of the waist-straps B. The construction of the projection will therefore vary to suit the character of this attachment; but in general the projection will either be made in the form of a hook to receive a ring or eye, or it will be in the form of an eye or loop to receive a folded strip, loop, or hook at the up-
65 per end of the waist-straps.

As shown in Figs. 1, 2, and 3 of the drawings, the projection *g* is bent at the lower end to form a hook, *m*, and a tongue, *n*, is struck up from the body of the projection, so that its free end bears upon the inside of the hook *m*, a snap-hook being thus formed for the reception of a ring, *p*, which is connected by a folded strip, *t*, of leather or other suitable material, to the upper ends of the waist-
75 straps B.

In Fig. 4 I have shown a simpler form of the device, in which the projection *g* has a slot, *w*, so as to form a loop adapted directly to the
80 folded strip *t* of the waist-straps.

The clasp, being made of one piece of metal, is simpler and cheaper than the usual clasps, which consist of several pieces.

The elastic tongue *b* may be at the back of the clasp instead of in front, and the projection *g* may be on the plate *a* instead of on the tongue *b*, this being a matter of choice.

I claim as my invention—

The within-described clasp, consisting of the plate *a*, the elastic tongue *b*, the retainer *d*, and the projection *g*, the latter having a hook or loop, and the plate or tongue having an inwardly-projecting portion or portions, *f*, whereby the slipping of the clasp is prevented, as
9 set forth.

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

JACOB ELSON.

Witnesses:

HENRY BOSSERT,
HARRY SMITH.