

(No Model.)

T. B. MOSES, Jr.

ATTACHING DEVICE FOR SUSPENDERS.

No. 366,787.

Patented July 19, 1887.

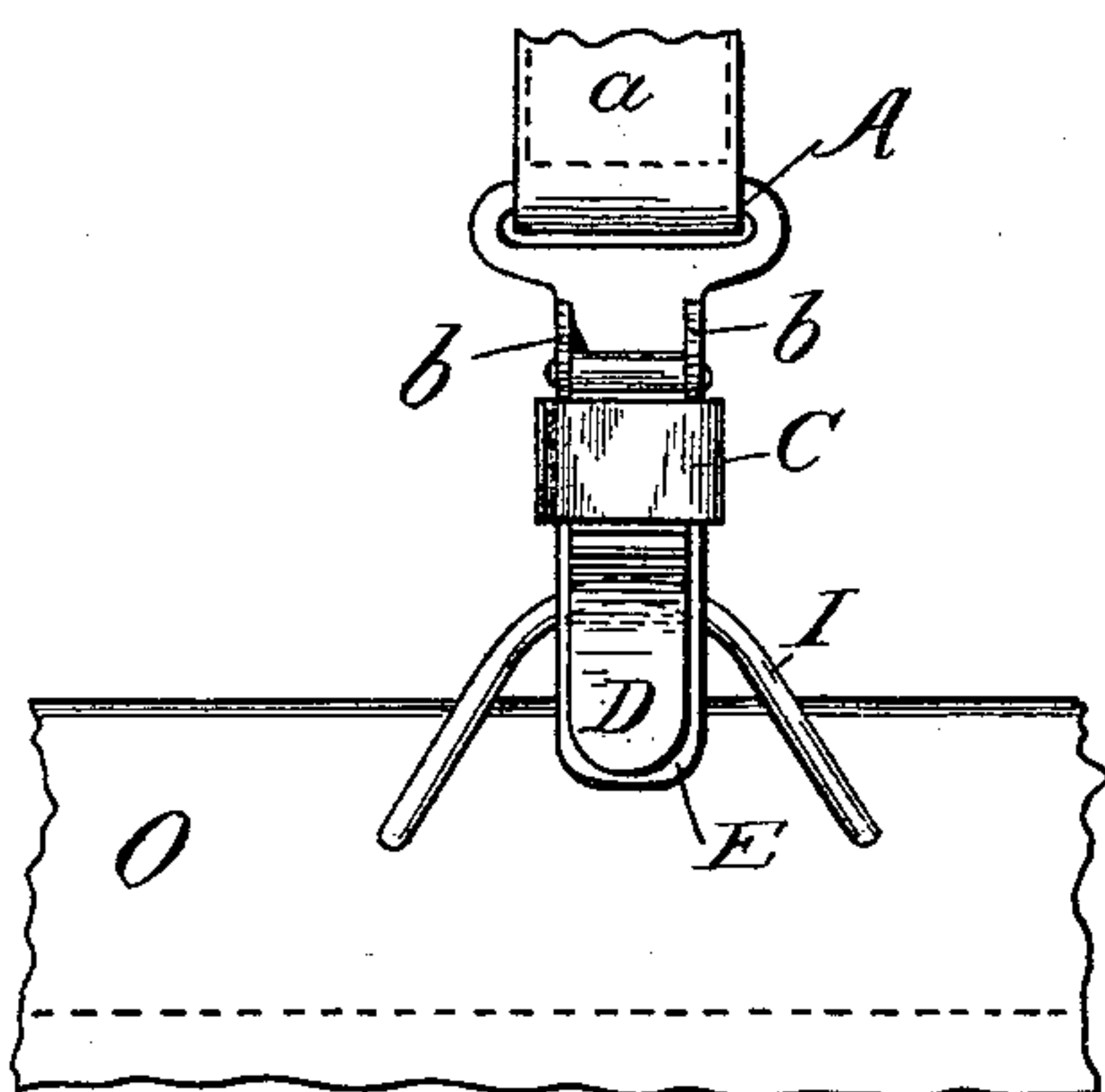


Fig. 1.

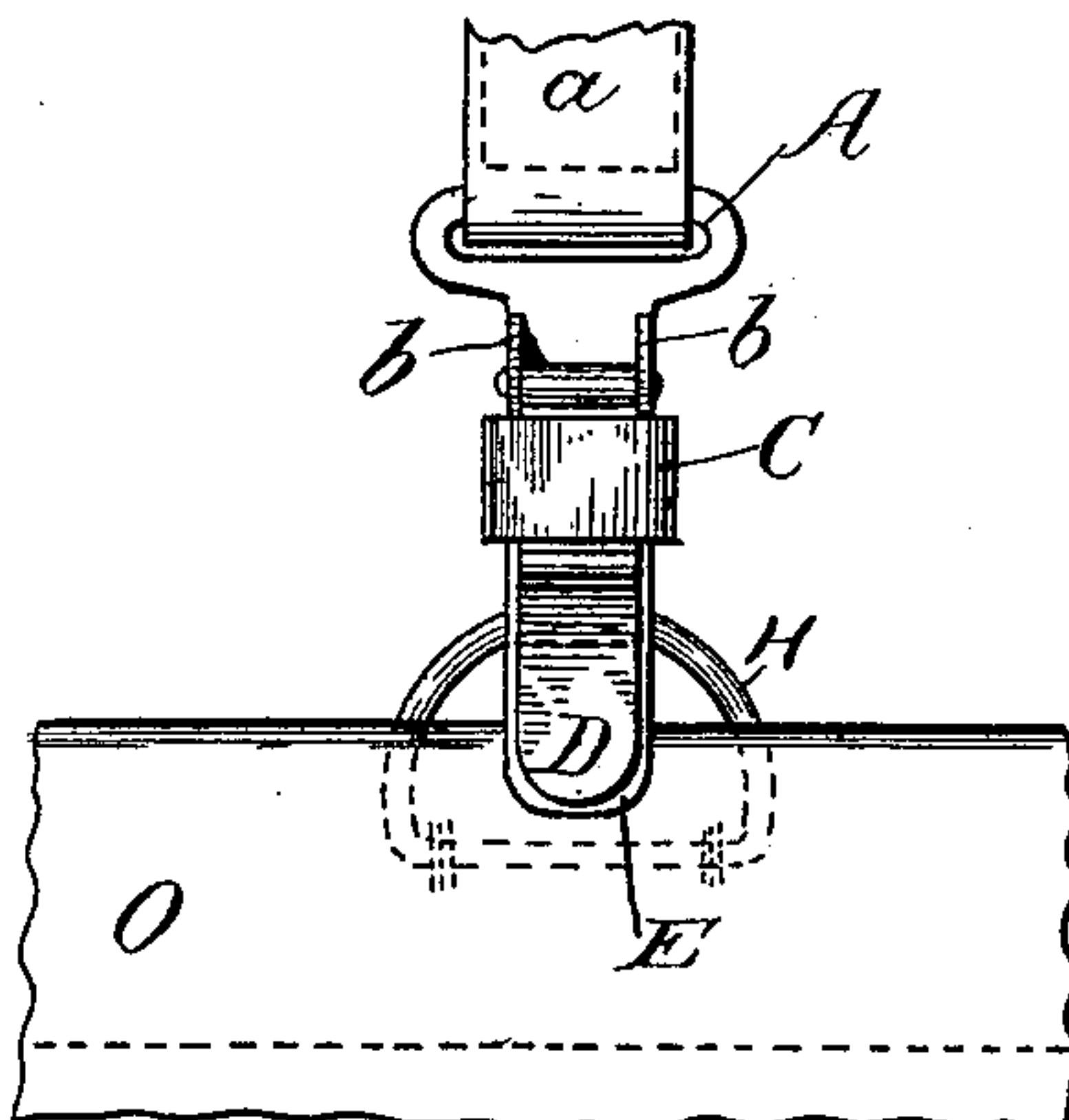


Fig. 2.

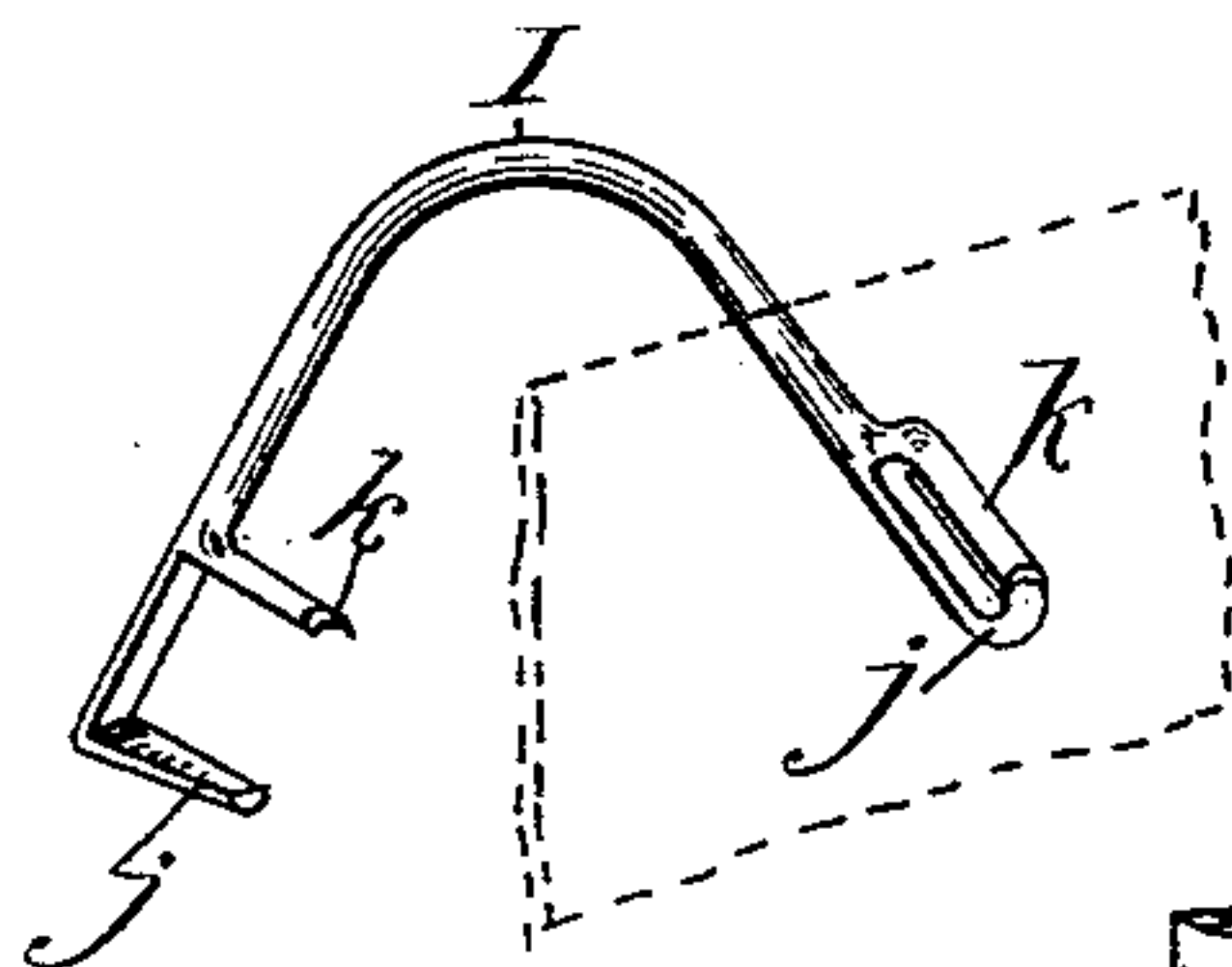


Fig. 3.

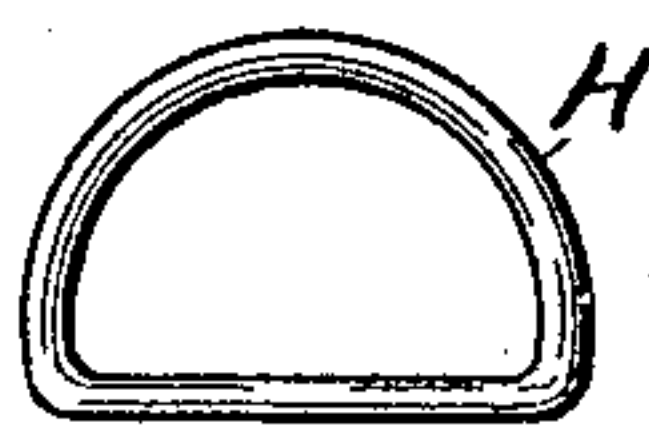


Fig. 4.

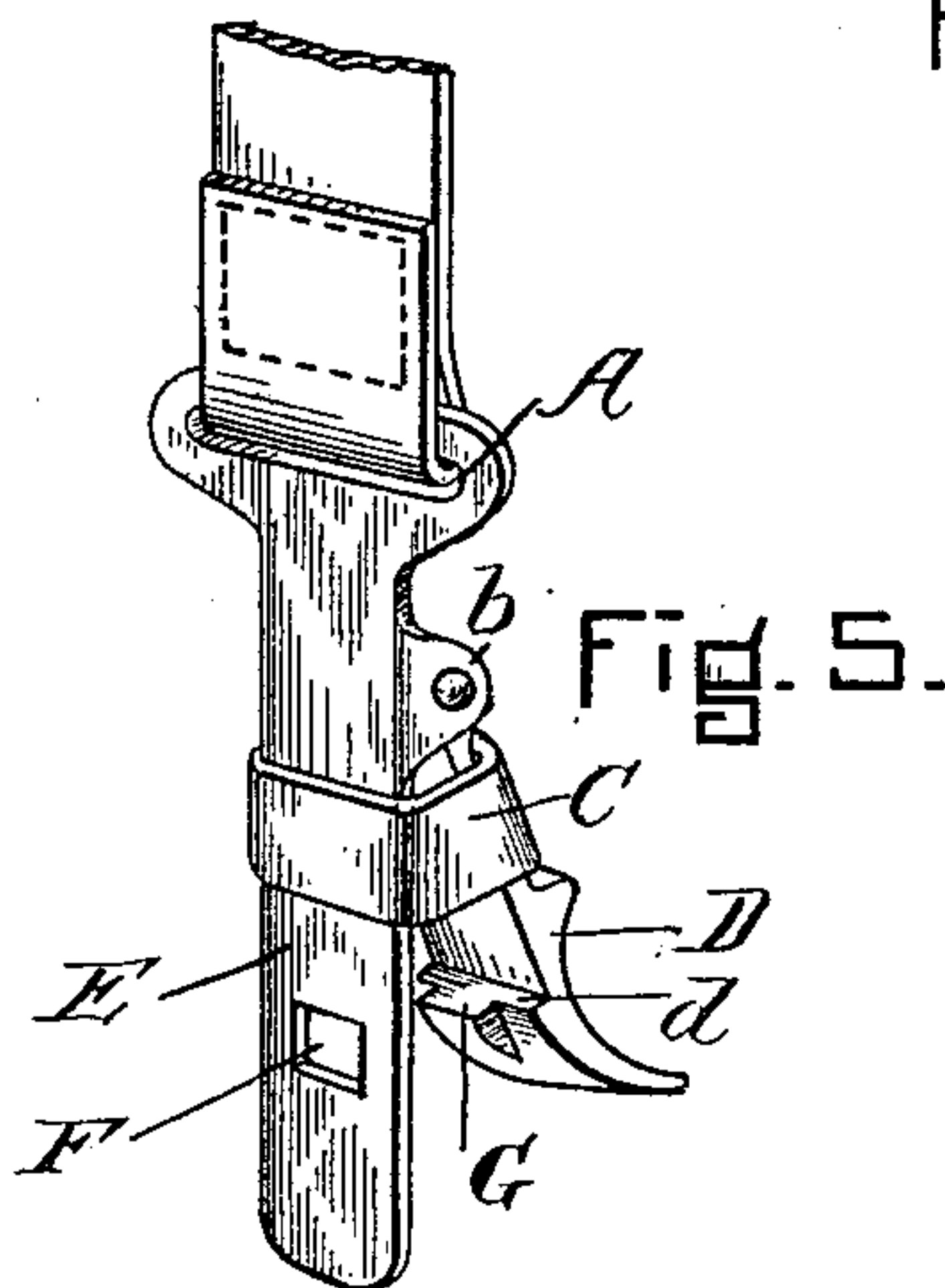


Fig. 5.

WITNESSES

Chas. Spaulding.
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ATTACHING DEVICE FOR SUSPENDERS.

SPECIFICATION forming part of Letters Patent No. 366,787, dated July 19, 1887.

Application filed April 15, 1887. Serial No. 234,968. (No model.)

To all whom it may concern:

Be it known that I, THEODORE B. MOSES, JR., a citizen of the United States, residing at Boston, in the county of Suffolk and State of Massachusetts, have invented new and useful Improvements in an Attaching Device for Suspenders, of which the following is a specification.

My invention relates to improvements in suspenders in which a lock-grip is used in connection with a loop in place of the ordinary method, where a loop on the end of the suspenders passes over a button on the waistband; and the object of my improvement is to provide a simple, easy, and quick method of engaging and disengaging the suspenders from its connection with the waistband. I attain this object by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a front view of my invention fastened to the end of suspender-strap and locked over a grip-loop. Fig. 2 is the same as Fig. 1, in connection with a plain loop sewed onto the waistband. Fig. 3 is a perspective view of grip-loop alone. Fig. 4 is a front view of plain loop alone. Fig. 5 is a perspective view of my invention, looking toward the back.

Similar letters refer to similar parts in the different views.

A, Figs. 1, 2, and 5, is the slot through which passes the suspender-straps *a*. *b*, same figures, are ears, which are fastened to or made with the back E, for the purpose of supporting the pivot on which the swinging arm D hinges. Passing around the back E and swinging arm D is the rubber band C, which is for the purpose of keeping the swinging arm in position against the back E, and forming a spring, against the tension of which the swinging arm is pulled out to disengage it from loop I, fastened to waistband O.

On the inside of swinging arm D is the projection G, which, when the arm D is in its natural position, fits and passes through the opening F in back E. The shoulder *d*, also on the inside of arm D, is for the seat upon

which rests the loop I or H when holding up the garment.

Various styles of springs could be used in place of the rubber band to keep arm D up against the back E, so that I do not limit myself to the particular device shown.

The manner of using this invention is as follows: When desiring to connect the suspender and waistband, the loop I or H is passed in between the back E and swinging arm D, forcing out arm D until the loop has passed up and over the shoulder *d*, when, by the tension of spring C, the arm D snaps back into position, thereby holding said loop securely between the back E and arm *d*. The projection G, passing through the hole in back, prevents any tendency which the loop might have of slipping out. The stiffer the spring used the tighter and firmer will the arm D be held against back E.

In disengaging suspenders from waistband, the arm D is swung out against the tension of the spring by using the fingers or thumb, thereby allowing the loop to pass out from between back E and arm D.

I claim as my invention—

1. In an attaching device for suspenders, a lock-grip having, in combination, the back E, provided with a slot, A, ears *b b*, and opening F, the swinging arm D, suspended from said ears *b b*, and provided on its inner face with a shoulder or seat, *d*, and a projection, G, and the spring C, for holding swinging arm D in position against the back E, all substantially as described, and for the purpose set forth.

2. In an attaching device for suspenders, a lock-grip having, in combination, a back, E, for attaching to suspender-straps and supporting a swinging arm, D, which is provided on its inner face with a seat, *d*, and a spring, C, for keeping arm D in contact with back E, substantially as set forth.

THEODORE B. MOSES, JR.

Witnesses:

GEO. MULLANE,
EDWARD HATCH.