

No. 609,329.

Patented Aug. 16, 1898.

J. B. BOOS.  
SUSPENDERS.

(Application filed Nov. 10, 1897.)

(No Model.)

Fig. 1.

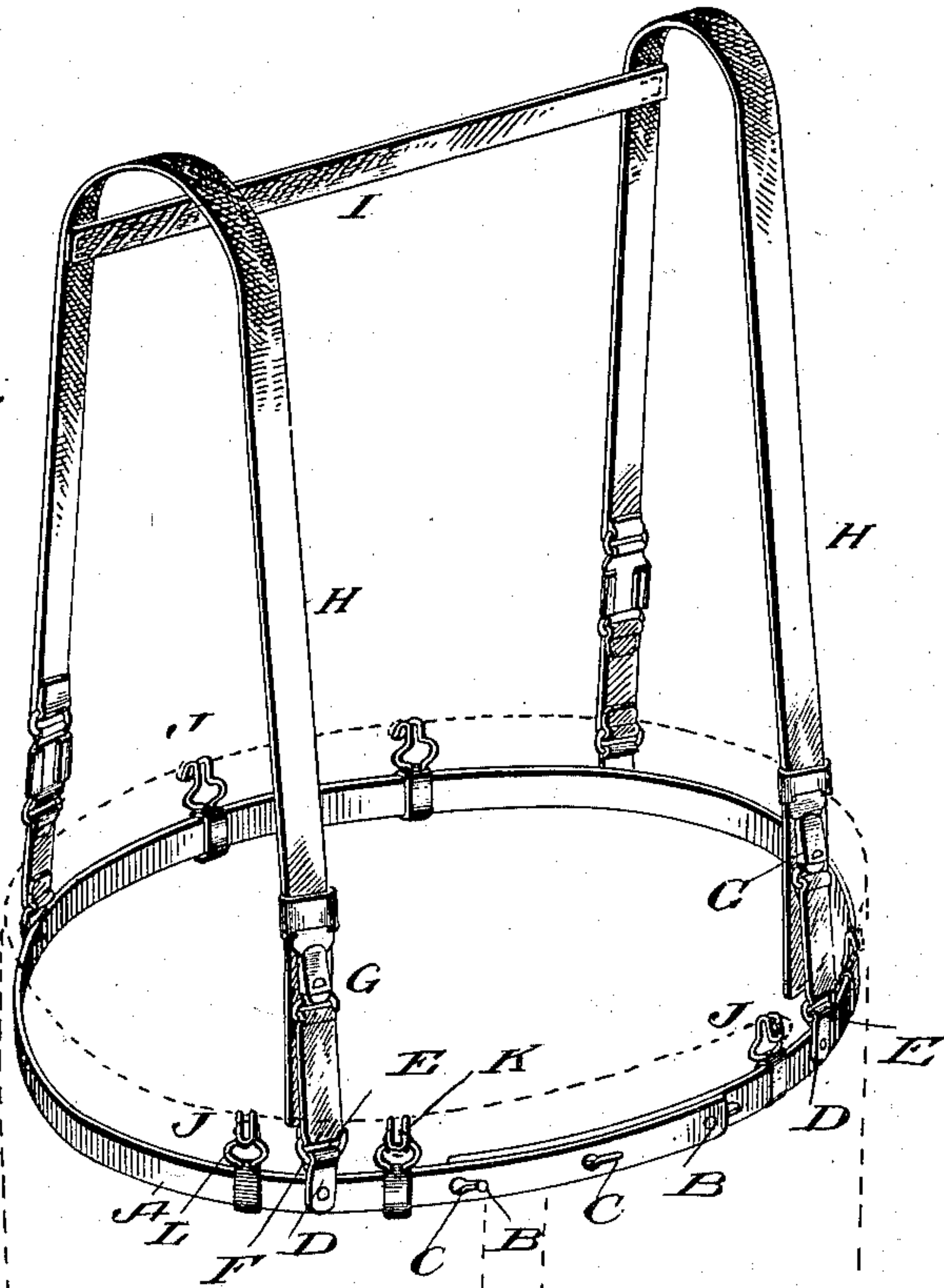


Fig. 2.

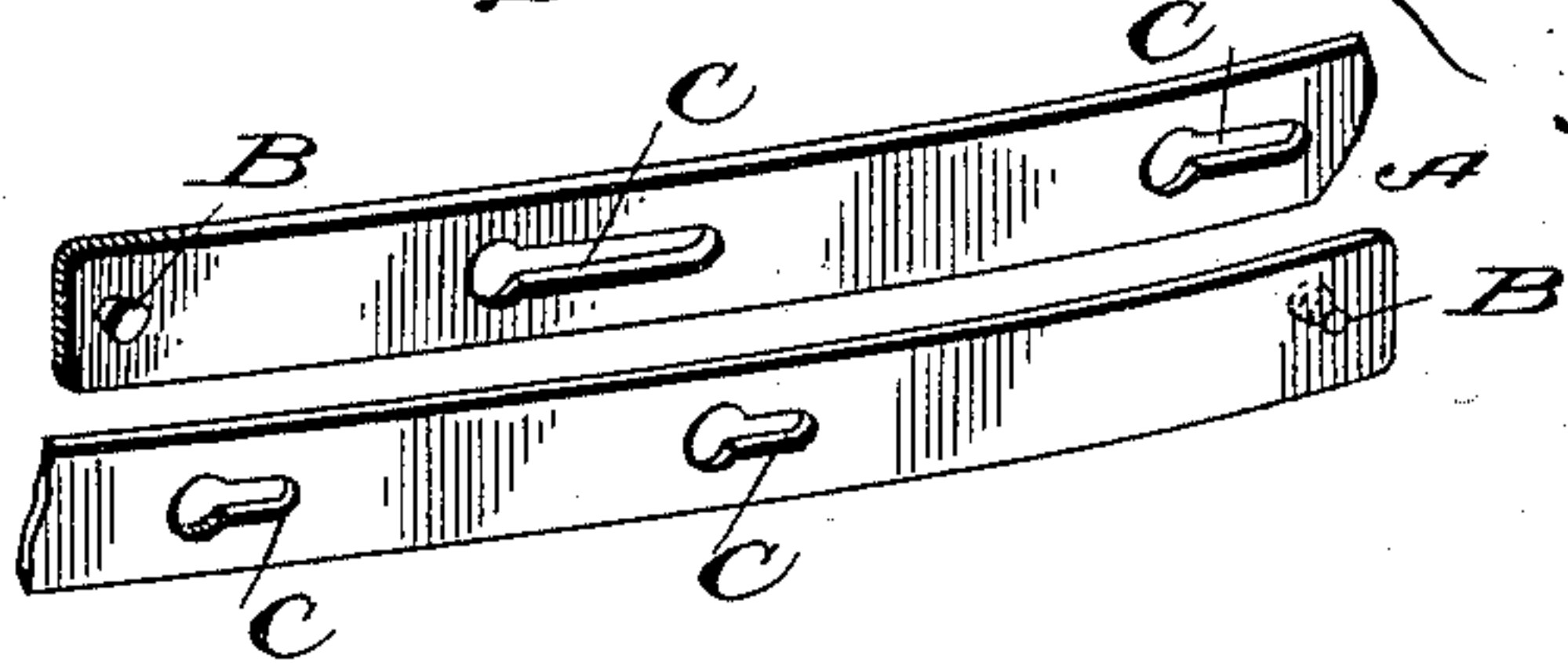
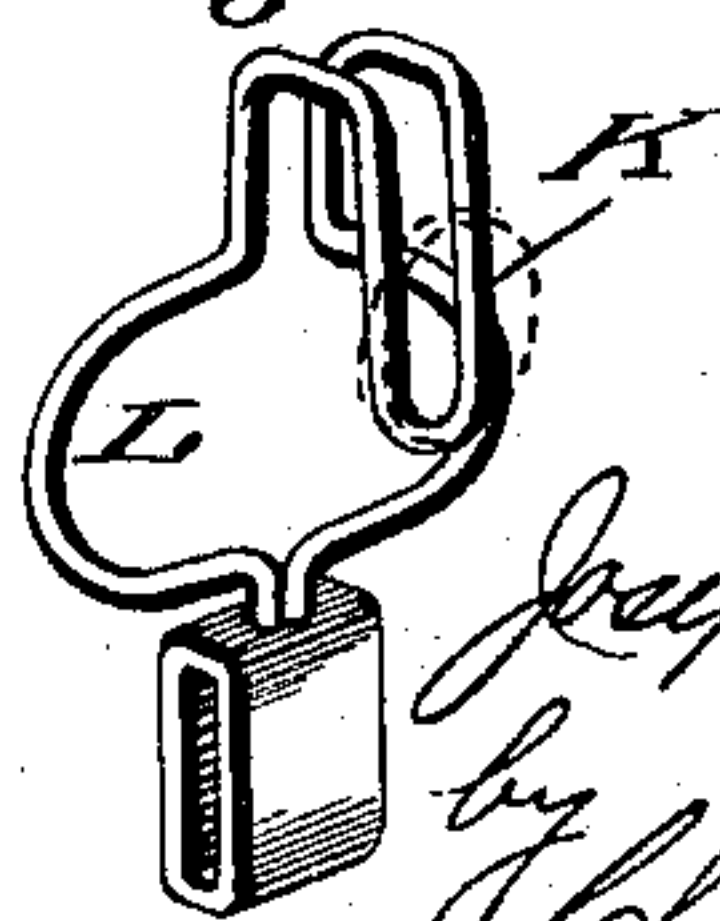


Fig. 3.



Witnesses

*John M. ...*

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# UNITED STATES PATENT OFFICE.

JOSEPH B. BOOS, OF CARROLL, IOWA.

## SUSPENDERS.

SPECIFICATION forming part of Letters Patent No. 609,329, dated August 16, 1898.

Application filed November 10, 1897. Serial No. 658,078. (No model.)

*To all whom it may concern:*

Be it known that I, JOSEPH B. BOOS, a citizen of the United States, residing at Carroll, in the county of Carroll and State of Iowa, have invented certain new and useful Improvements in Suspenders, of which the following is a specification.

My invention relates to improvements in suspenders or devices for supporting trousers; and it consists in certain novel features hereinafter described and claimed.

In the annexed drawings, which fully illustrate my invention, I have shown a perspective view in Figure 1 of the device, with the position of the trousers indicated by dotted lines. In Fig. 2 I have shown a detail view of the ends of the belt or waistband to illustrate the fastening, and Fig. 3 shows a view of the button-engaging loop.

In carrying out my invention I employ a belt or waistband A, which is preferably of some flexible or resilient material and is adapted to encircle the waist of the user just inside the band of the trousers. The ends of this band are provided with headed studs B, adapted to engage keyhole-slots C in the opposing end, and thereby fasten the band around the wearer. At proper points of the band A are secured the short non-elastic straps D by means of ears E and rings F, to which said straps are joined, by means of buckles G, the shoulder-straps H, also of non-elastic material. To prevent the said shoulder-straps slipping down on the arms, they are connected by the retaining-straps I, which serve as braces to keep the shoulders thrown back and prevent drooping forward of the person. At points of the band A corresponding to the positions of the buttons on the trousers I secure the button-engaging loops J, as shown. These loops are constructed of light but strong wire and are so shaped as to present the inverted-U-shaped branch K, adapted to fit over the edge of the trousers and engage the shank of the button, and the

expanded portion L, resting against the inner side of the trousers-band, and permitting the cloth to accommodate itself to the arm K without prizing off the buttons.

In use the band A is placed around the body and fastened and the buttons on the trousers are engaged in the loops, as shown, after which the shoulder-straps are adjusted over the shoulders by the buckles to support the trousers at the proper height. The band is constructed of flexible or resilient material, so as to readily accommodate itself to the motions of the body and be comfortable at all times, while the several straps are of non-elastic material, so that there will be no wearing away of the same caused by perspiration. Furthermore, the strain exerted on the buttons by elastic straps is overcome, and the straps, being non-elastic, will slip on or over the body when the wearer is exercising or performing manual labor. The device is light and cool and supports the trousers without causing a pull on the shoulders.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

The improved suspenders herein described and shown consisting of a flexible band adapted to encircle the waist of the wearer just inside the trousers, ears and rings secured to the band, shoulder-straps attached to said rings and adapted to pass over the shoulders of the wearer, and loops secured on the band and having the forward inverted-U-shaped portion adapted to pass over the edge of the trousers and engage the shank of the button and the expanded rear portion to accommodate the cloth back of the button.

In testimony whereof I affix my signature in the presence of two witnesses.

JOSEPH B. BOOS.

Witnesses:

MINA TALBOTT,  
LOUIS SHOEMAKER.