

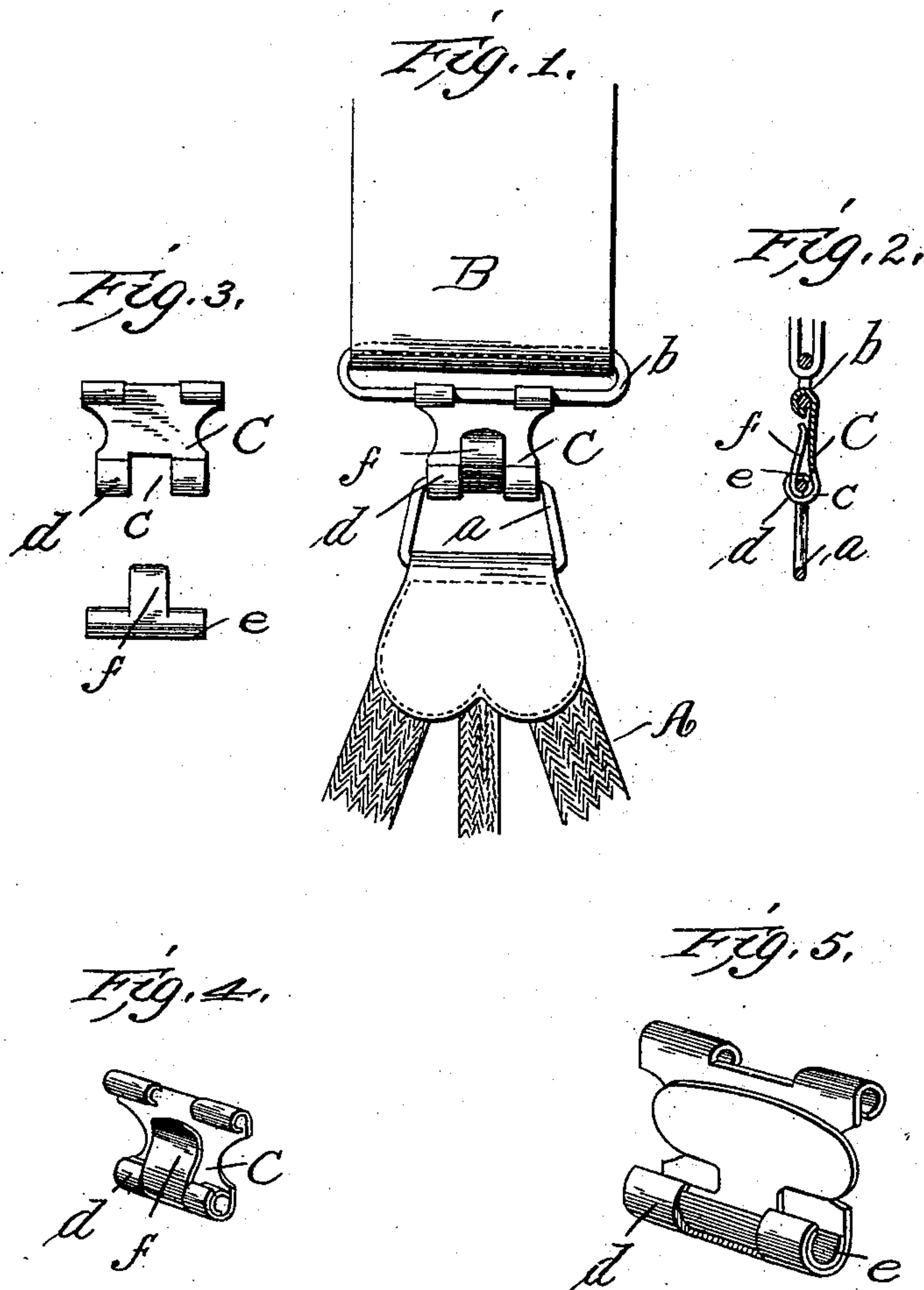
No. 619,001.

Patented Feb. 7, 1899.

C. T. SHAFER.  
SUSPENDER CAST-OFF.

(Application filed Oct. 27, 1898.)

(No Model.)



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# UNITED STATES PATENT OFFICE.

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## SUSPENDER CAST-OFF.

SPECIFICATION forming part of Letters Patent No. 619,001, dated February 7, 1899.

Application filed October 27, 1898. Serial No. 694,733. (No model.)

*To all whom it may concern:*

Be it known that I, CHARLES THOMAS SHAFER, a citizen of the United States, residing at Springfield, in the county of Clark and State of Ohio, have invented certain new and useful Improvements in Suspenders Cast-Offs, of which the following is a specification.

It is the object of my invention to provide a simple form of cast-off for suspender-ends, so as to readily hold the parts together and to as readily allow of the detachment of the parts when this is required.

In the accompanying drawings, Figure 1 shows in elevation one form of my invention. Fig. 2 is a sectional view thereof, and Fig. 3 shows the parts detached. Fig. 4 is a view of a modified form, and Fig. 5 is still another modification.

The tabs are shown at A, connected in the usual manner and provided with a loop *a*, while the body of the suspender is shown at B, and this passes through a loop *b* in the usual manner. The loop *b* carries a plate C, and this plate is bifurcated, as at *c*, and the ends of the bifurcated portion are rolled up in a semicylindrical form, as shown at *d*. These ends serve to contain and support a barrel *e* of the form shown in Fig. 3, being a partial cylinder at the ends and having a projecting tang in the center, as shown at *f*, this tang working in the bifurcation of the plate C. When the tang is practically horizontal, the openings of the barrel register with the openings in the semicylindrical end portions and the loop *a* can be readily inserted or detached at will. After the loop is in place the

tang is then turned up against the face-plate C, which turns the open part of the barrel inwardly, closing the opening, thus locking the loop *a* in place and preventing its removal.

In Fig. 4 substantially the same construction is shown, except that the plate C is not bifurcated to the same extent and the central tang is made wider and the barrel fits so closely the semicylindrical sockets *d*, formed in the plate *c*, that it has something of a spring action.

In Fig. 5 the barrel is reversed in position within the turned-up ends of the plate *c* and the tang is made wider and instead of occupying a horizontal position when the parts are in position to cast off the tang is in a vertical position at this time and it is given a quarter or a half turn to lock the loop in place.

What I claim is—

A metal cast-off for suspenders, comprising a plate having a bifurcated lower end with the projections *d* on each side thereof turned up to form a socket and a combined barrel and tang fitting said socket with openings in the barrel adapted to register with corresponding openings in the turned-up ends of the plate, said barrel adapted to be turned up by the tang, the said tang being centrally arranged and working between the projections, substantially as described.

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

CHARLES THOMAS SHAFER.

Witnesses:

CHAS. I. WELCH,  
EARL G. WELCH.