

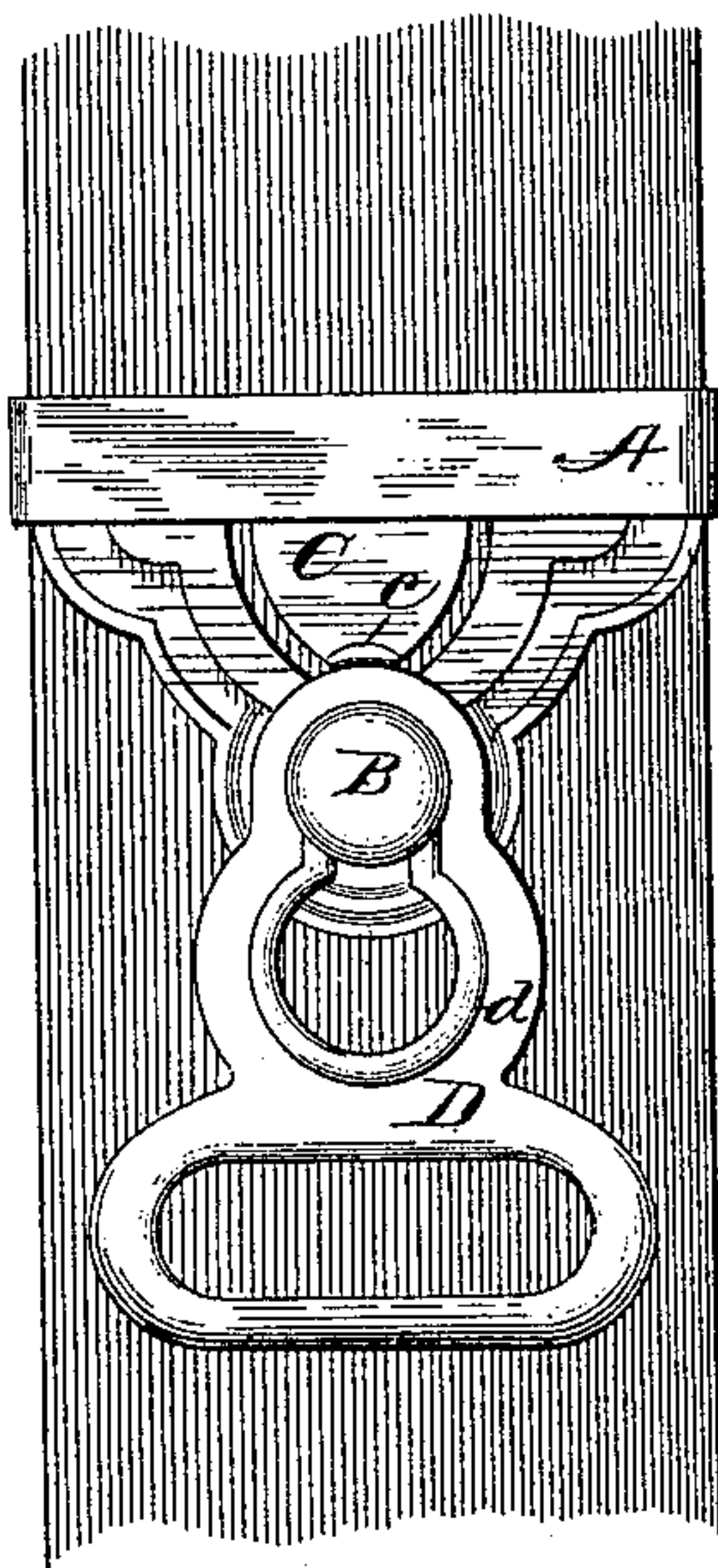
(No Model.)

G. E. ADAMS.  
CAST-OFF FOR SUSPENDERS.

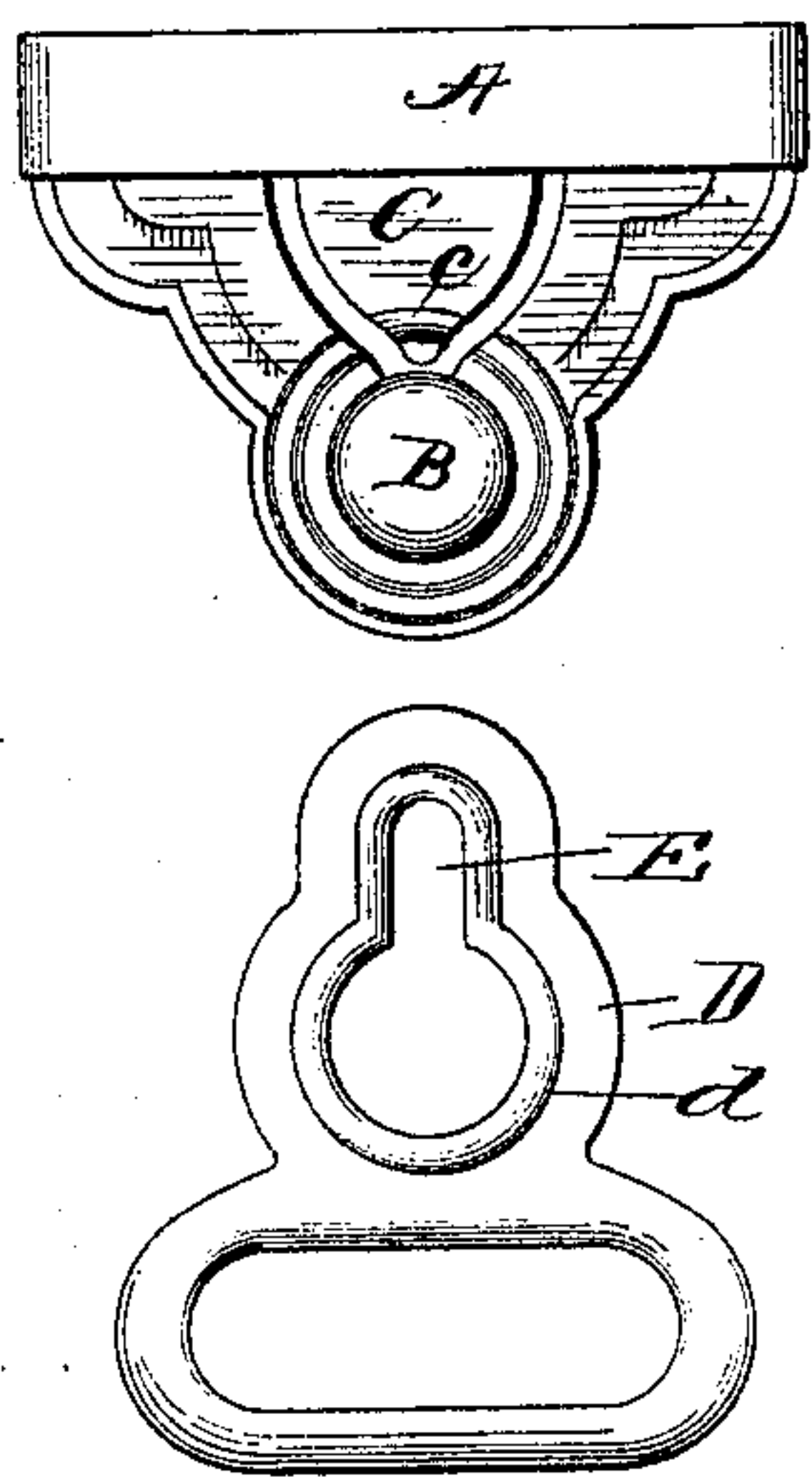
No. 585,071.

Patented June 22, 1897.

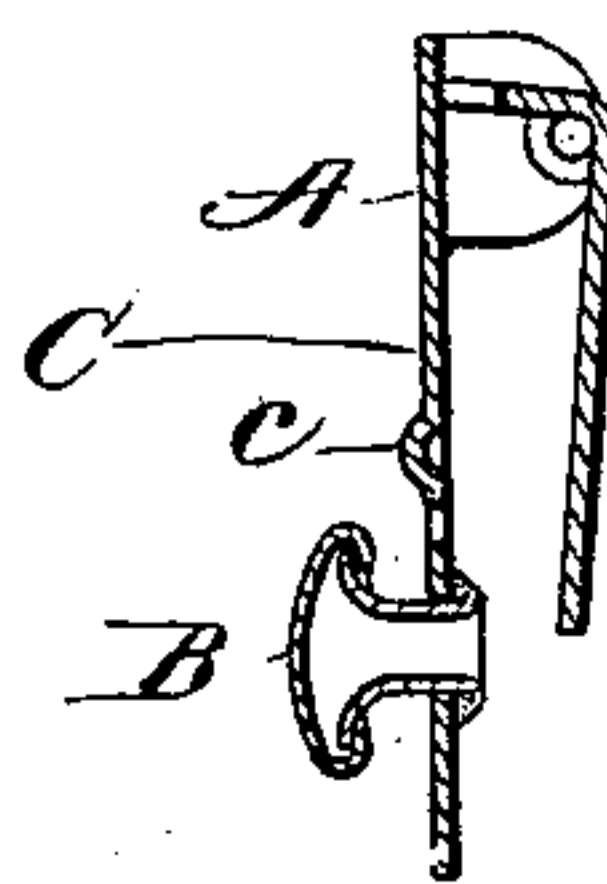
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



Witnesses:  
*J. M. Fowler Jr.*  
*Thomas Durant*

Inventor:  
*George E. Adams,*  
by *Chas. H. Church*  
*his Attorneys.*

# UNITED STATES PATENT OFFICE.

GEORGE E. ADAMS, OF NEW BRITAIN, CONNECTICUT, ASSIGNOR TO THE  
TRAUT & HINE MANUFACTURING COMPANY, OF SAME PLACE.

## CAST-OFF FOR SUSPENDERS.

SPECIFICATION forming part of Letters Patent No. 585,071, dated June 22, 1897.

Application filed December 17, 1895. Renewed May 13, 1897. Serial No. 636,411. (No model.)

*To all whom it may concern:*

Be it known that I, GEORGE E. ADAMS, of New Britain, in the county of Hartford, State of Connecticut, have invented certain new and useful Improvements in Cast-Offs for Suspenders; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming a part of this specification, and to the letters of reference marked thereon.

This invention relates to improvements in cast-offs for suspender-buckles; and it consists in certain novel details of construction and combinations of parts, all as will be described in the following specification and pointed out particularly in the appended claims.

In the accompanying drawings, Figure 1 is a front elevation of a cast-off and buckle embodying the present invention. Fig. 2 is a similar view with the buckle and cast-off disconnected. Fig. 3 is a cross-sectional view of the buckle.

Similar letters of reference in the several figures indicate the same parts.

In the drawings the letter A indicates the front plate of the buckle member, which is adapted to be attached to the webbing in any suitable or preferred manner.

At or near the depending lower portion of the plate A is a headed stud B, secured to the plate in any suitable manner. Near the center of the plate A, above the stud B, is a spring-tongue C, formed by stamping or cutting out the metal of the plate, as shown, this tongue being strengthened in any suitable manner to give it resiliency. In the lower part of this tongue there is a locking spud or rib c, preferably slightly curved, as shown, formed by striking up a portion of the metal.

The cooperating member or cast-off which carries the suspender-ends consists of a frame or plate D, formed with a keyhole-slot E, the edge of which is formed with a strengthening-rib d.

In coupling the parts the enlarged part of the keyhole-slot is passed over the headed

stud B and the plate D then pulled down, causing the plate to ride over and past the spud or rib on the lower part of the spring-tongue, the spud then springing in behind the plate and locking the parts together, as will be readily understood.

By making the locking-spud slightly curved and by having the upper edge of the cast-off plate which abuts against the spud also curved a swiveling action of the parts will be permitted, thus allowing the device to accommodate itself to the movements of the wearer.

It will be noted that the buckle member locks to the top of the cast-off member instead of by the stud-head, as ordinarily, thus making a simple and stronger construction.

Having thus described my invention, what I claim as new is—

1. In a cast-off device the combination with the plate having the headed stud, the cast-off member adapted to be received over said stud, the locking-tongue carried by the plate, and bearing against the top of the cast-off member to lock the parts together; substantially as described.

2. In a cast-off device, the combination with the plate having the headed stud, of the cast-off member adapted to be received over said stud, the spring locking-tongue formed in said plate and having the rib or projection at its lower end, adapted to bear against the upper part of the cast-off member when the parts are coupled to lock them together; substantially as described.

3. In a cast-off device the combination with the plate, having the headed stud, the cast-off member having a curved upper edge, the spring locking-tongue having the curved rib or projection at its lower portion, adapted to cooperate with the curved upper edge of the cast-off member, to lock the parts together, but permit a swiveling action; substantially as described.

GEORGE E. ADAMS.

Witnesses:

G. W. TRAUT,  
W. A. PIMM.