

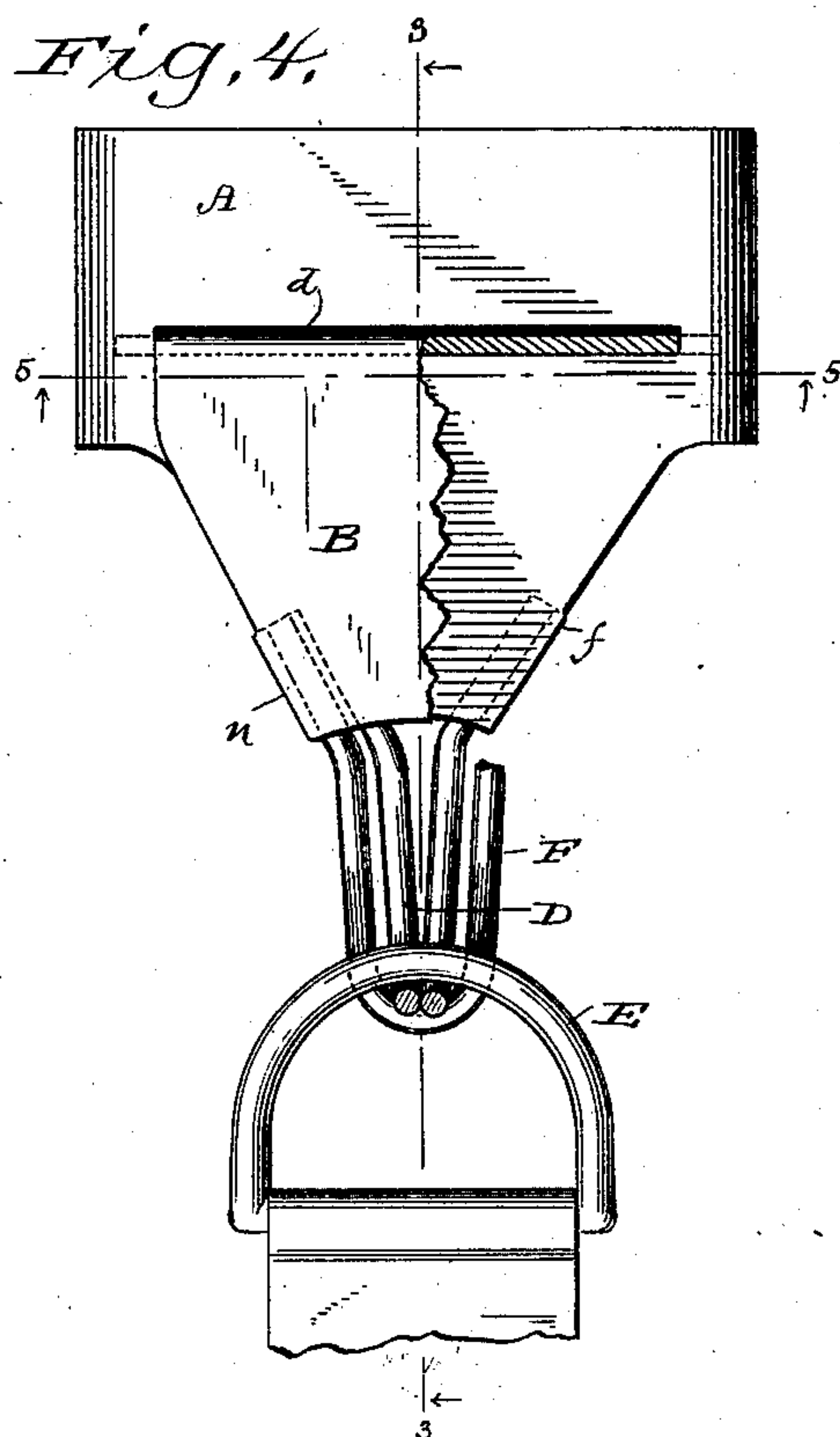
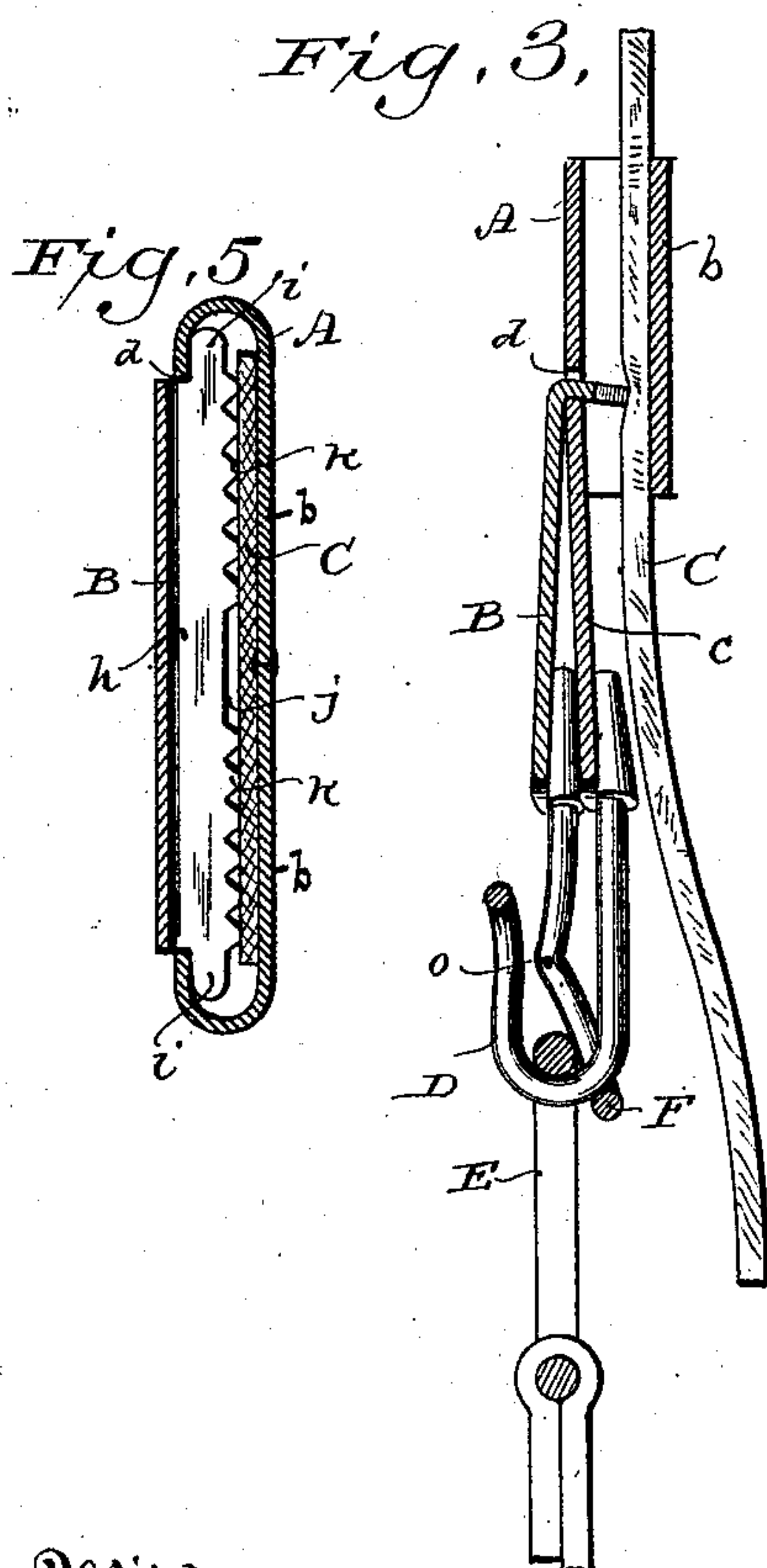
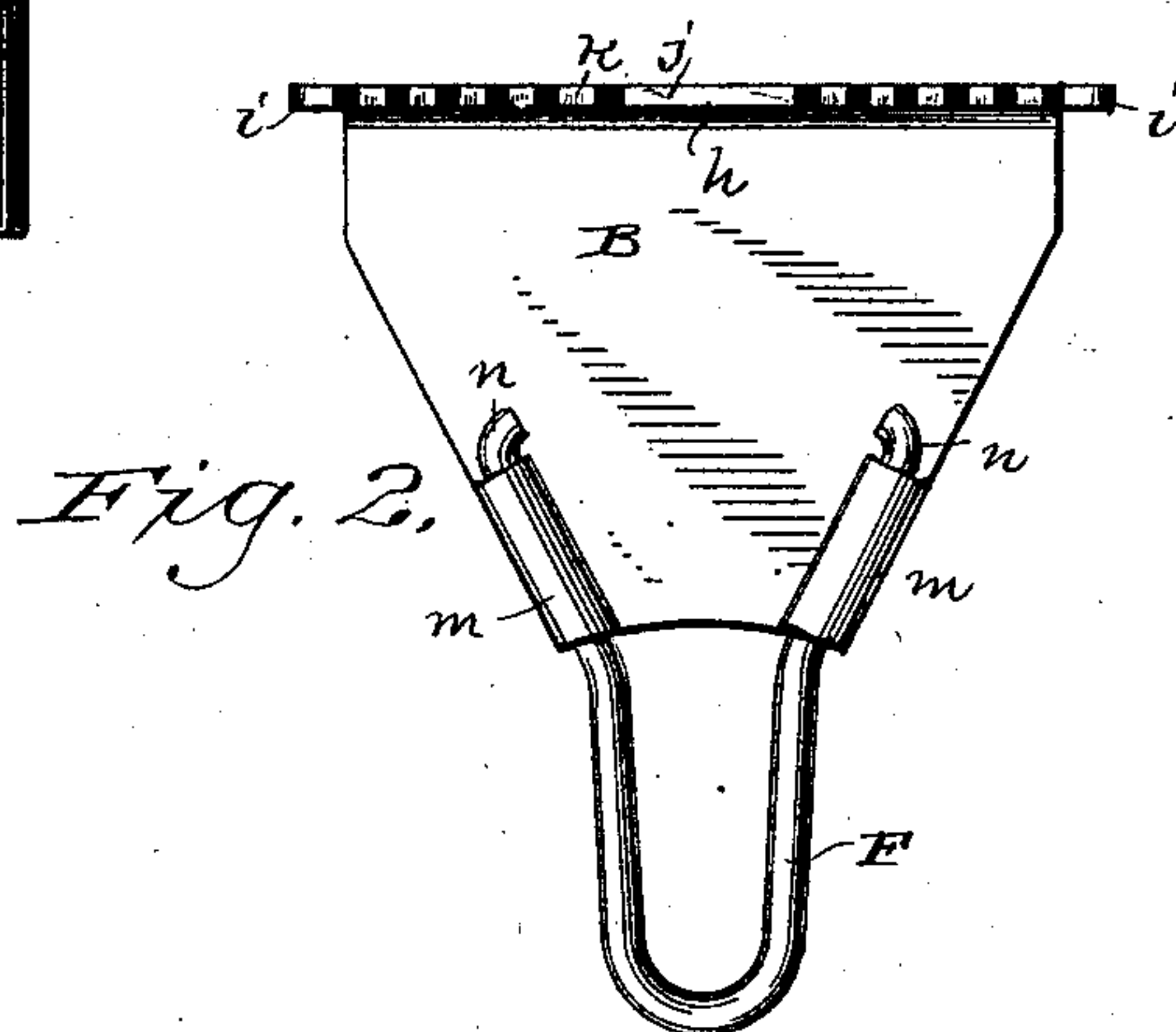
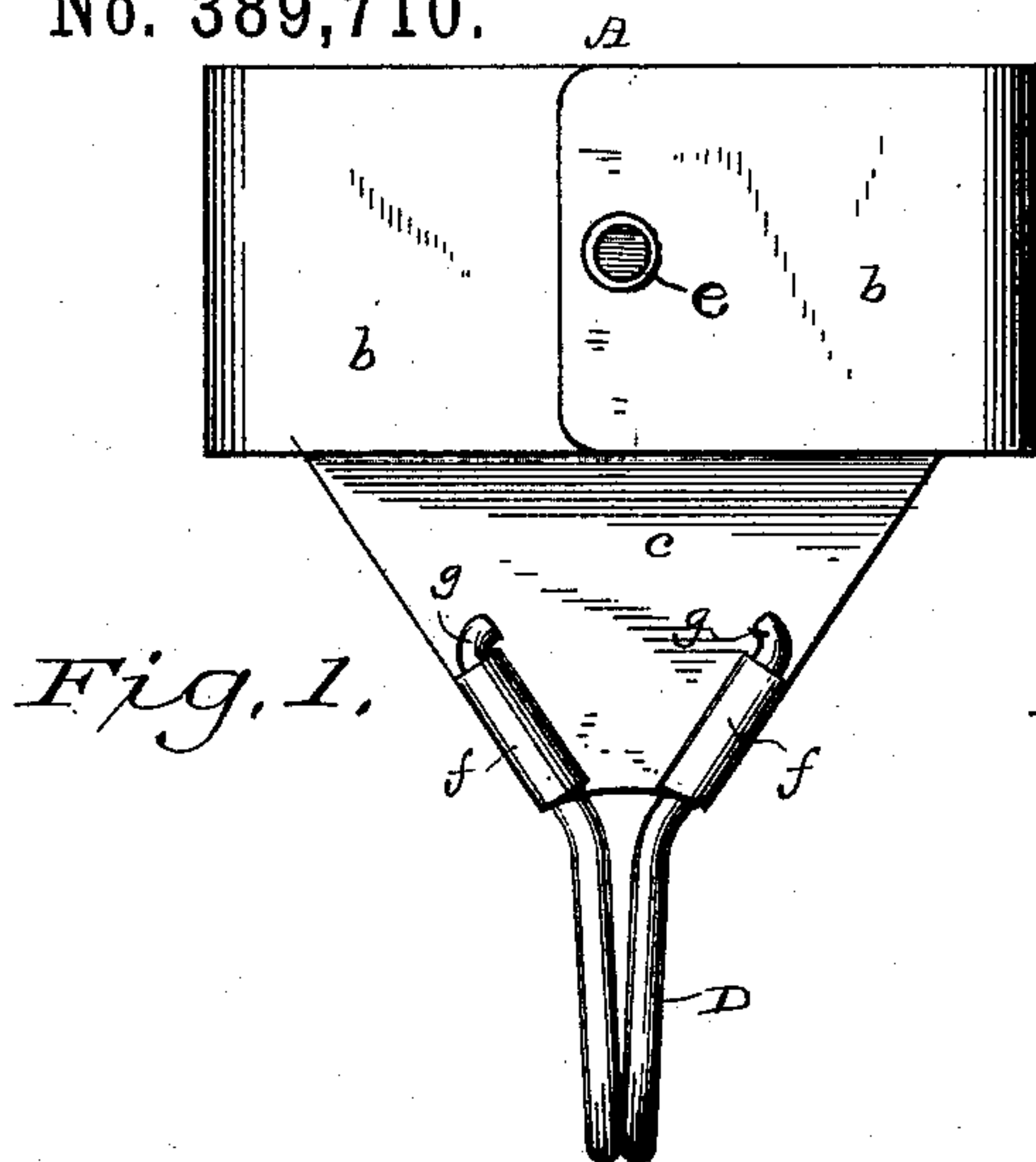
(No Model.)

W. A. MEYER.

BUCKLE.

No. 389,710.

Patented Sept. 18, 1888.



Witnesses
Geo. W. Young,
N. E. Oliphant

Inventor
Willis A. Meyer
By Flint & Underwood
Attorneys

UNITED STATES PATENT OFFICE

WILLIS A. MEYER, OF MILWAUKEE, WISCONSIN.

BUCKLE.

SPECIFICATION forming part of Letters Patent No. 389,710, dated September 18, 1888.

Application filed April 30, 1888. Serial No. 272,259. (No model.)

To all whom it may concern:

Be it known that I, WILLIS A. MEYER, of Milwaukee, in the county of Milwaukee, and in the State of Wisconsin, have invented certain new and useful Improvements in Buckles; and I do hereby declare that the following is a full, clear, and exact description thereof.

My invention relates more particularly to suspender-buckles; and it consists in certain peculiarities of construction and combination of parts, to be hereinafter described with reference to the accompanying drawings, and subsequently claimed.

In the drawings, Figure 1 represents a rear view of the frame of my buckle; Fig. 2, a similar view of the tongue; Fig. 3, a vertical section on line 3 3, Fig. 4, a front view of the complete buckle, partly broken away; and Fig. 5, a horizontal section on line 5 5, Fig. 4.

Referring by letter to the drawings, A represents the frame and B the tongue of my buckle. The frame A is made from a single piece of metal stamped out to form lateral wings *b* and a depending portion, *c*, that is preferably triangular, and at the same time a horizontal slot, *d*, is cut in the metal just above the triangular portion of said frame. The lateral wings *b* of the frame A, as shown in Fig. 1, are bent back to have their opposing ends overlap, and are united by a rivet, *e*; but they may simply meet and be united by solder, as shown by Fig. 5. The wings *b*, with the main portion of the frame A, form a band through which to pass a suspender-strap, C, the latter being illustrated in Figs. 3 and 5. The depending triangular portion *c* of the frame has its lower corners in the form of ears *f*, that are turned back over the ends *g* of a wire that is bent to form a hook, D, on which to hang the ring E, that is ordinarily attached to button-loops of a suspender.

The tongue B of my buckle is preferably of triangular shape, and has its upper or widest end turned over at a right angle to form a horizontal flange, *h*, that has lateral projections *i*, the flange being shown in the drawings as provided with a central recess, *j*, and a series of serrations, *k*, arranged on each side of the recess; but it is obvious that said recess may be omitted and the serrations extend the

entire length of the flange. The lower corners of the tongue B are in the form of ears *m*, turned back over the ends *n* of a wire that is bent to form a loop, F, the latter being designed to slip over the hook D, attached to the frame A, and said loop is bent outward, as shown at *o*, to retain the ring E in place on said hook.

In the manufacture of my buckle the loop end of the tongue B is passed through the slot *d* in the frame A, the lateral projections *i* of the horizontal flange *h* serving to limit the movement of said tongue and hold the latter in said frame.

To insert the suspender-strap C in the buckle, the tongue B is raised to a horizontal position, and thus the flange *h* will assume a vertical position and lie close to the adjacent main portion of the frame A. The suspender-strap C is now slipped through the band formed by the bent-back wings *b*, and main portion of the frame A, and the tongue B is brought down to a vertical position, thereby causing the flange *h* to clamp said suspender-strap tightly against the back portion of said band. The serrations *k* of the flange *h* enter the suspender-strap, and thereby aid in retaining the buckle in the position to which it may have been adjusted on said strap, the recess *j* in said flange serving to accommodate any bulging of the suspender-strap by the rivet that may unite the bent-back lateral wings *b* of the frame A. The loop F having been slipped back over the hook D, the ring E is forced down between the two and retained in place by the outward bend, *o*, in said loop, there being sufficient spring in the latter to permit the placing of said ring in the manner above described.

By the construction above described I provide a very simple, cheap, and serviceable buckle that can be readily adjusted and firmly held on a suspender-strap, it being impossible to move said buckle until the tongue B is lifted to draw the serrations *k* out of the strap and relieve the pressure of the flange *h* thereon, while at the same time the ring on the button-loops is held securely against accidental displacement.

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

1. In a buckle, the combination of a frame

made from a single piece of metal stamped out to present a horizontal slot, a depending portion having ears at the lower corners thereof, and lateral wings that are bent back parallel to the main portion of said frame, a wire bent to form a hook and having its ends confined by the bending back of said ears, a tongue slipped through the frame-slot and having its upper end turned over at a right angle and its lower corners provided with lateral ears, and a wire bent to form a loop and having its ends confined by the bending back of the ears on said tongue, substantially as set forth.

2. In a buckle, the combination of the frame A, having the bent-back and overlapping wings

b, the slot d, depending triangular portion e, and ears f, the hook D, secured by said ears, the tongue B, having the serrated right-angled flange, h, provided with the lateral projections i, central recess, j, and ears m, and the loop F, secured to said tongue by the ears on the latter, substantially as set forth.

In testimony that I claim the foregoing I have hereunto set my hand, at Milwaukee, in the county of Milwaukee and State of Wisconsin, in the presence of two witnesses.

WILLIS A. MEYER.

Witnesses:

N. E. OLIPHANT,
WILLIAM KLUG.