

(No Model.)

D. T. BRYAN.
BACK BAND BUCKLE.

No. 586,008.

Patented July 6, 1897.

Fig. 1.

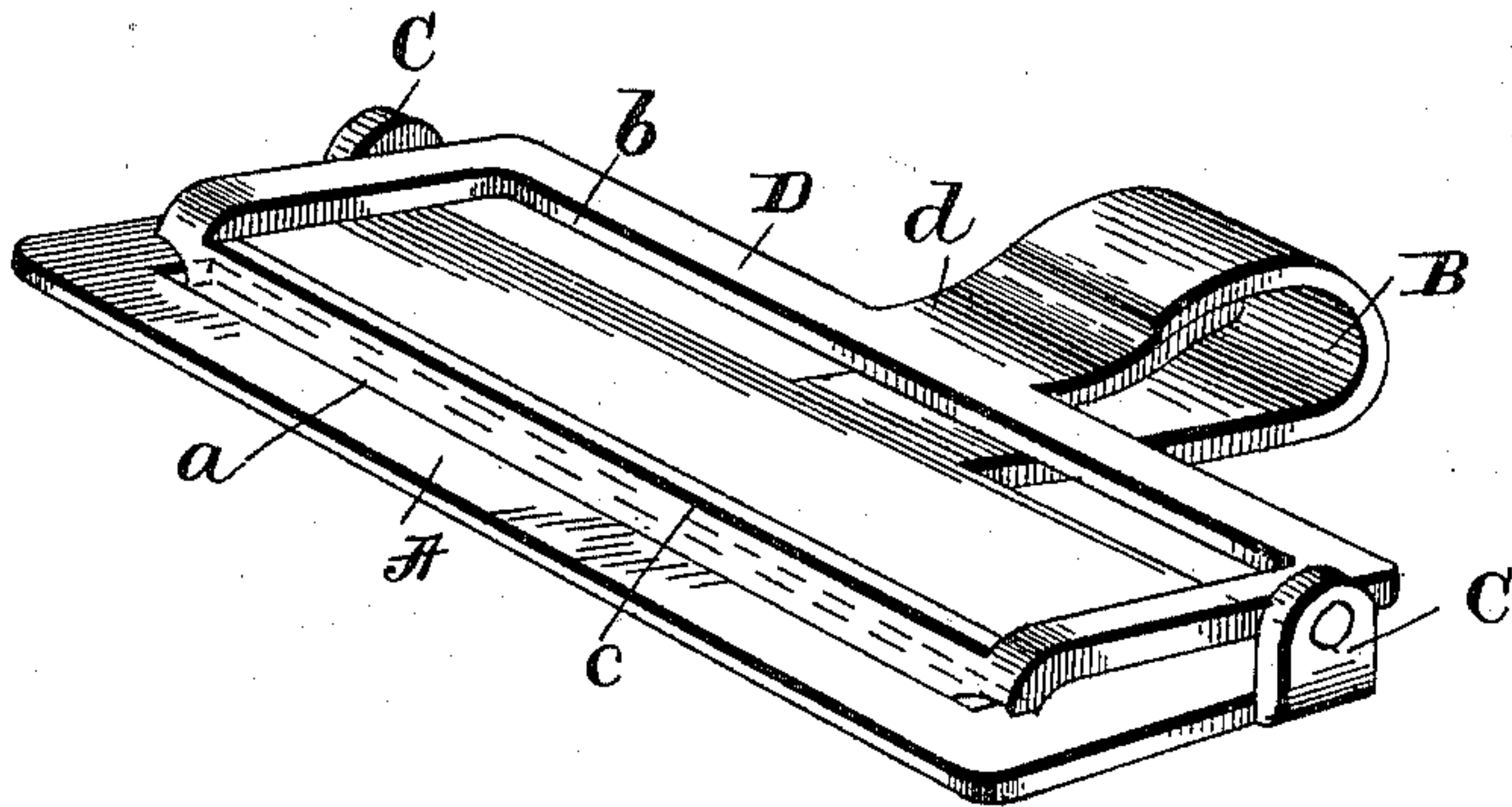


Fig. 2.

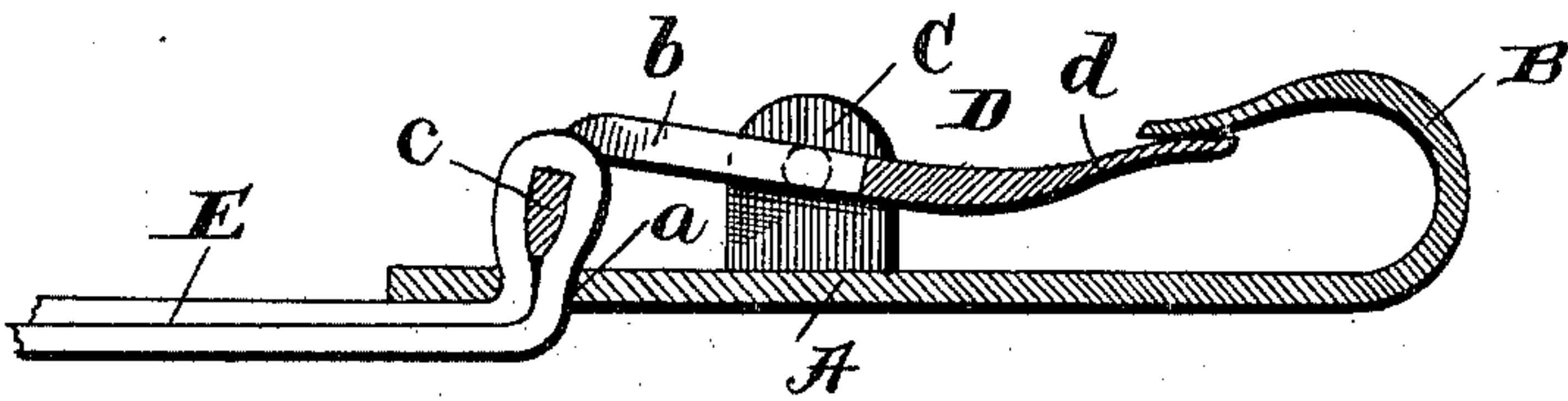
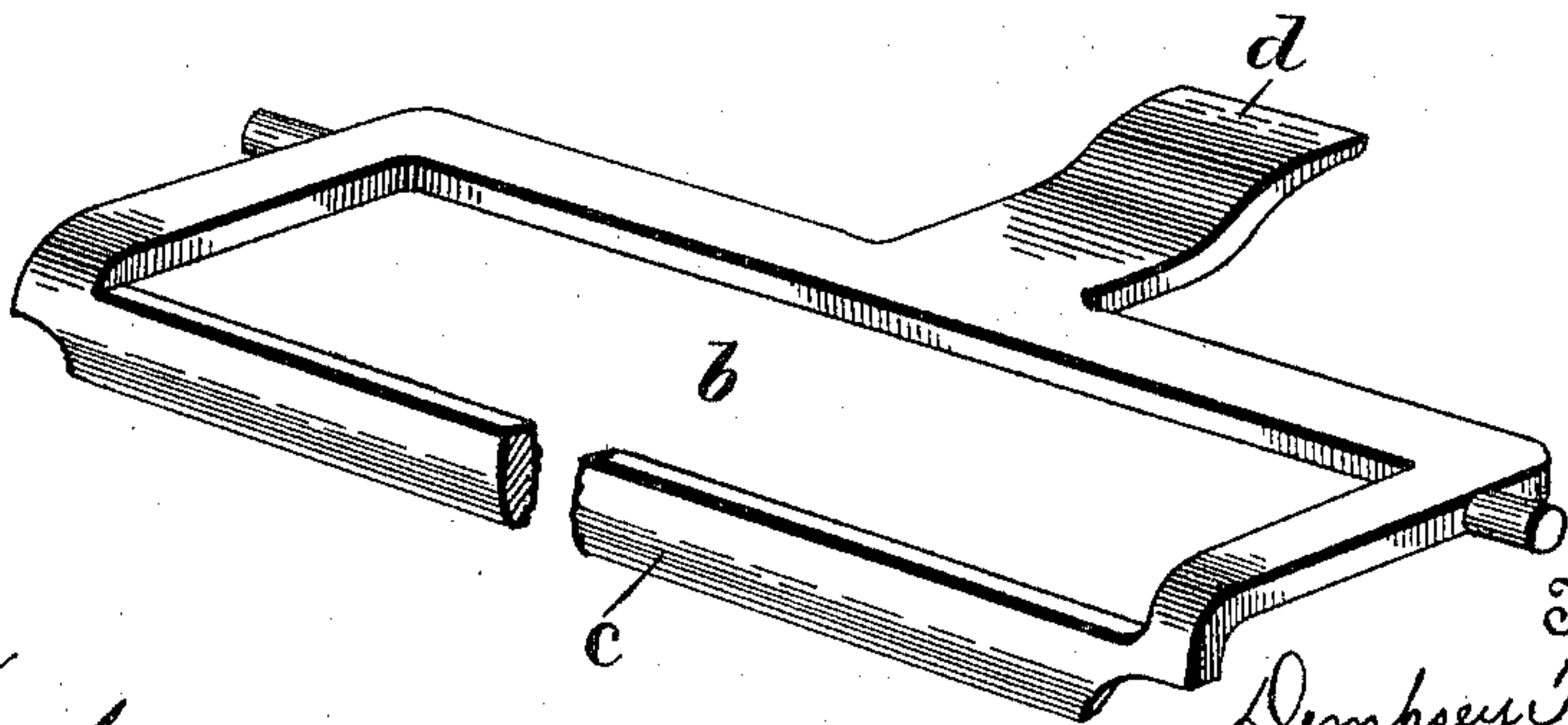


Fig. 3.



Witnesses
Geo. E. Frick
Hubert E. Rock

Inventor.
Dempsey T. Bryan,
by *Pattison Nesbit,*
Attorney's

UNITED STATES PATENT OFFICE.

DEMPSEY T. BRYAN, OF ROCKY MOUNT, NORTH CAROLINA.

BACK-BAND BUCKLE.

SPECIFICATION forming part of Letters Patent No. 586,008, dated July 6, 1897.

Application filed April 27, 1897. Serial No. 634,130. (No model.)

To all whom it may concern:

Be it known that I, DEMPSEY T. BRYAN, of Rocky Mount, in the county of Edgecombe and State of North Carolina, have invented certain new and useful Improvements in Back-Band Buckles or Trace-Carriers; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to improvements in back-band buckles or trace-carriers; and it consists in the particular construction of parts which will be fully described hereinafter and particularly pointed out in the claims.

The object of my invention is to provide a tongue-frame having a longitudinal opening, the outer wall of the frame turned inward and adapted to register with an opening in the body or frame, whereby the back-band is wedged or locked without the intervention of teeth or prongs, which are very damaging to the band and in the use thereof eventually destroy the band when otherwise it would be good and serviceable.

In the accompanying drawings, Figure 1 is a perspective view of a buckle embodying my invention. Fig. 2 is a vertical section of the same with the band in position. Fig. 3 is a detached perspective view of the tongue-frame.

A indicates the body portion of the buckle, which is provided at one end with a longitudinal slot or opening *a*, the other end having an arm which is fashioned into a hook B, which receives the trace in the usual manner. The lower corners of the body are provided with outwardly-projecting perforated ears C, which form the pivotal points for the tongue-frame D. This tongue-frame D is provided with an opening *b*, the outer wall *c* of which is turned inward, forming a locking-bar which registers with the opening or slot *a* in the body A, as clearly shown. The opposite side of the frame is provided with a projecting arm *d*, which is within the hook B, and when the band E is under pressure the locking-bar *c* is drawn practically within the slot *a* of the body and the arm *d* caused to swing outward against the inner side of the outer wall of the

hook, as illustrated in Fig. 2, which serves to hold the trace in position therein.

In operation the band is passed around the locking-bar *c*, which is the outer wall of the opening in the tongue-frame, and thence through the opening *a* of the body. When the band is subjected to strain, the locking-bar *c* is drawn within the opening *a* as far as the band will permit, and this action firmly and securely locks the band against any end-wise movement. The band is readily and quickly released for adjustment or removal by forcing the arm *d* inward, which carries the locking-bar *c* away from the opening *a* and releases the band.

It will be noted that the outer edge of the locking-bar *c* is preferably tapered, as shown at *e*, whereby its wedging action is more effective.

I am aware that it is not novel to provide a buckle of this character with a pivoted tongue-frame having an arm coacting with the trace-hook to hold the trace in position and that it is not novel to use a rod or bar around which the band passed to wedge it in an opening. My invention differs from this in providing a tongue-frame pivoted at the opposite side or end of the body from the band-opening and in providing the outer wall of the tongue-opening with an inwardly-extending bar which registers with the opening in the body.

The tongue-frame at its lower portion is provided with outwardly-projecting pivotal points *f*, which enter the perforations in the ears C of the body.

I preferably form the buckle of malleable iron, so that the tongue and body may be formed of blanks, the hook and ears of the body being afterward turned up into position and shape and the outer wall of the tongue-opening turned inward approximately at right angles to the tongue-frame to form a clamping-bar, as before described. It will also be noted that the tongue-frame is practically an open frame rectangular in shape, the object of which is to permit the more easy adjustment of the band into position than would be possible were the tongue-opening small like the body-opening, and it also effects a saving of metal.

Having thus described my invention, what

I claim, and desire to secure by Letters Patent, is—

1. A back-band buckle comprising a body having at one side a narrow slot, a tongue
5 pivoted at the opposite side of the body and provided with a slot, the outer wall of the slot projecting over and registering with said narrow slot, the said outer wall extending inward and adapted to enter said slot, the parts
10 combined to operate as described.

2. A back-band buckle comprising a body having a narrow slot at one side and an outwardly-projecting hook at the opposite side, a tongue pivoted to the body at the opposite

side of the body from its slot and also provided with a slot, the outer wall of the tongue-slot being made wide and bent inward at right angles to the tongue and adapted to enter said slot, the opposite end of the tongue having an arm projecting into said hook, the parts
20 operating as described.

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

DEMPSEY T. BRYAN.

Witnesses:

RICHARD P. BRITT,
HARRY ABRAM.