

(No Model.)

W. E. MOORE.

CLASP.

No. 359,459.

Patented Mar. 15, 1887.

Fig. 1.

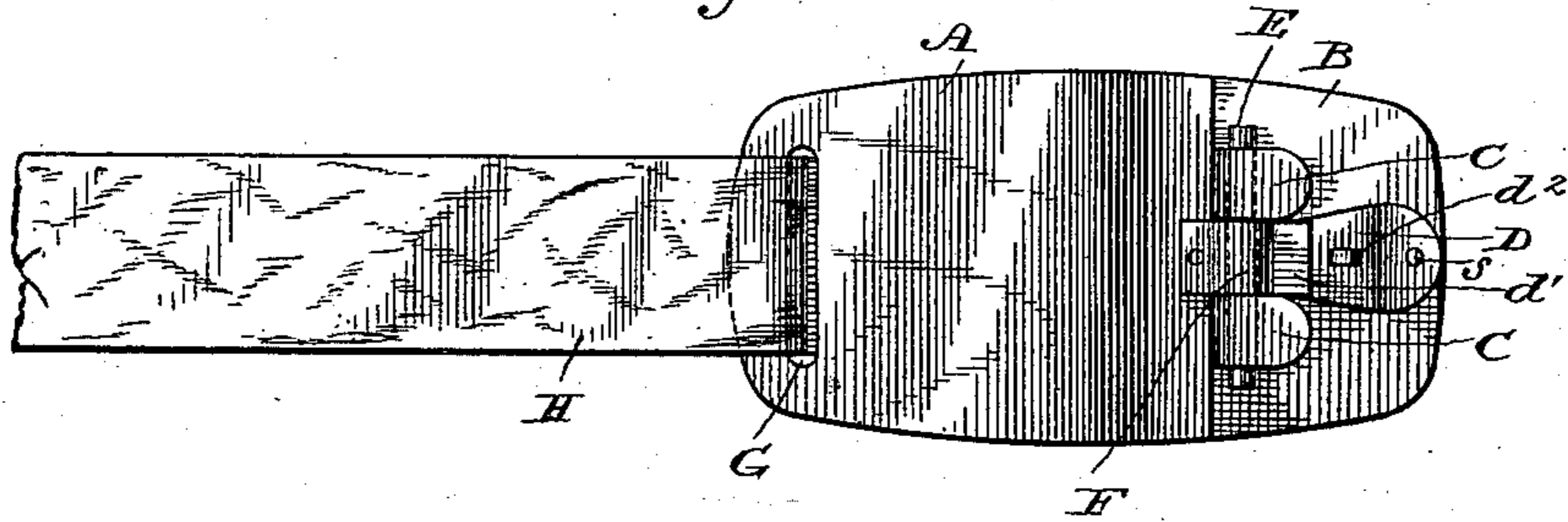


Fig. 2.

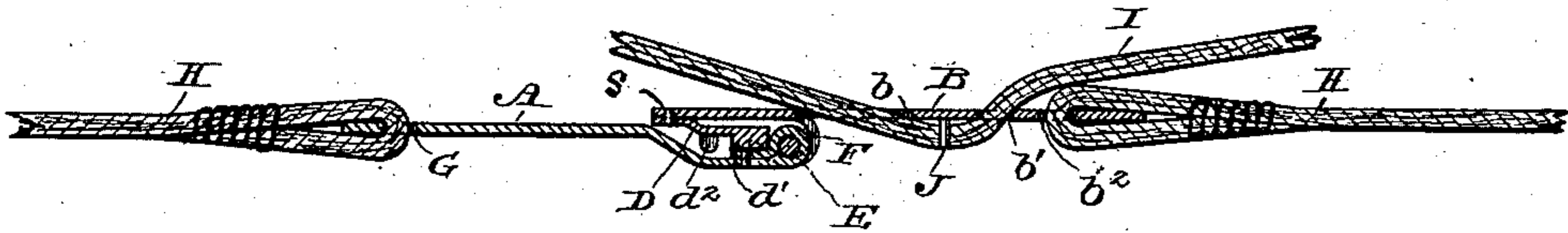


Fig. 3.

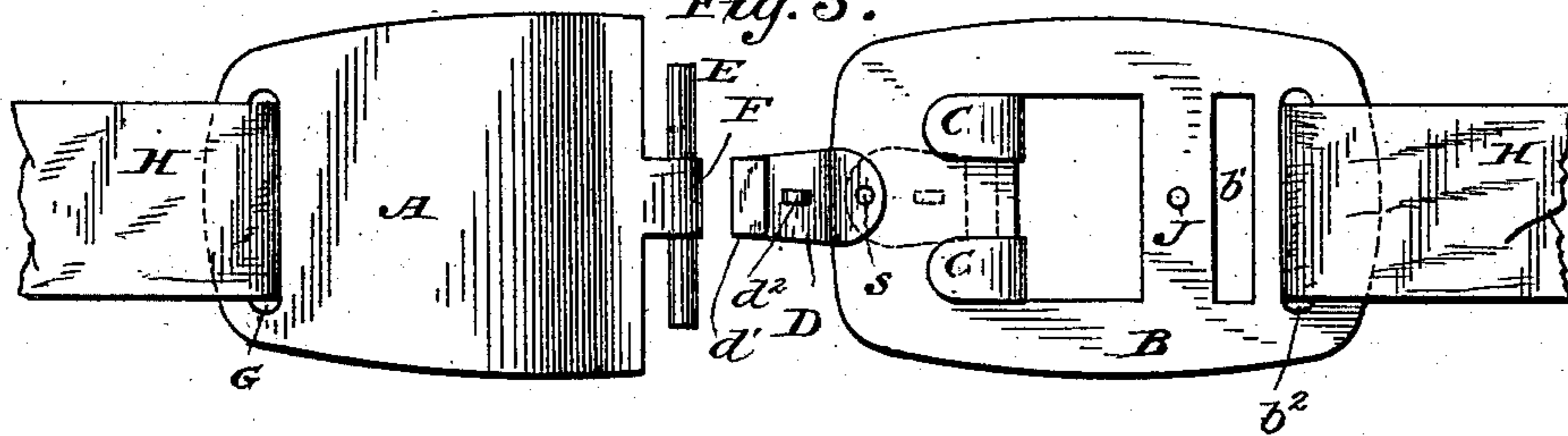
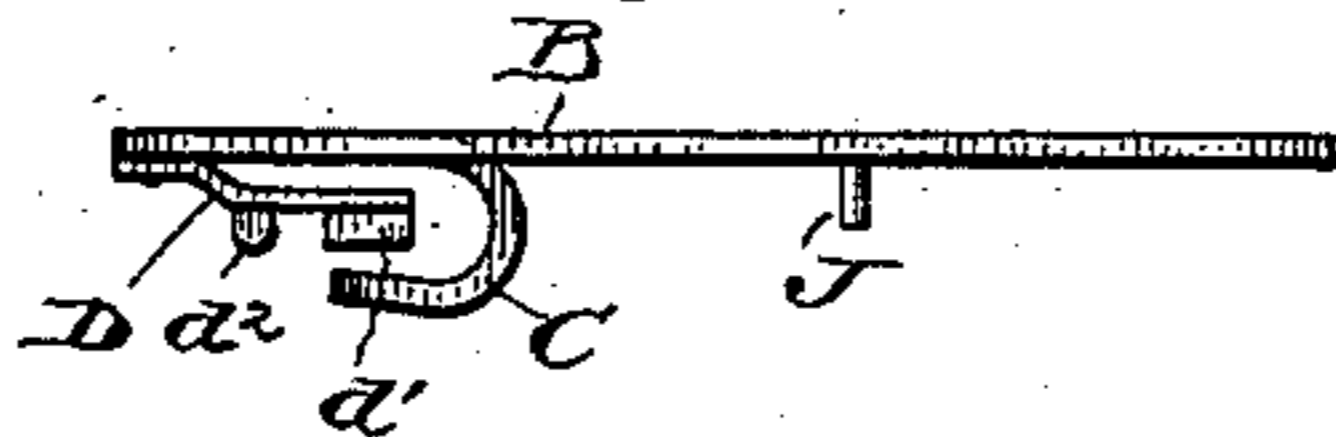


Fig. 4.



Witnesses

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UNITED STATES PATENT OFFICE.

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Application filed April 26, 1886. Renewed January 8, 1887. Serial No. 223,818. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM E. MOORE, a citizen of the United States, residing at Chillicothe, in the county of Ross and State of Ohio, have invented certain new and useful Improvements in Universal Fastenings for Tugs, Straps, and the like; 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 appertains to make and use the same.

My invention relates to certain new and useful improvements in universal fasteners for tugs, hame-straps, and the like, and is designed to furnish to the trade an article of durable and economical construction, readily manipulated, and which at the same time shall afford the highest degree of security against accidental uncoupling when in actual use. For the accomplishment of these ends I have devised the construction hereinafter described, and illustrated in the accompanying drawings, wherein—

Figure 1 is a bottom plan view of my improved fastener, one of its members being in part hidden from view by the other, in the position of adjustment chosen. Fig. 2 is a central longitudinal section of the fastener. Fig. 3 is a bottom plan view of the two members of the fastener detached from each other, and Fig. 4 is a side elevation of one of the members of the fastener.

Similar letters of reference indicate similar parts throughout the several views.

The fastener consists of two plates, A B, slotted, respectively, at their outer ends, as shown at G and b^2 , for the reception of the opposite ends of the strap H, to which they are attached. The plate A at its inner end is depressed, as shown, and is provided with a loop projection, F, bent reversely about a cross-bar, E, holding the latter rigidly, the loop projection and cross-bar forming a T-piece extending beyond the main body of the said plate A.

The plate B is slotted at b and b' , leaving an intermediate portion provided with the pin or stud J. This construction permits the use of the supplemental strap I, said strap having a series of the usual holes for the reception of the pin J, whereby the strap I may be adjusted

at will. At its inner end the plate B is provided upon its under side with the turn-plate D, pivoted at s in such manner that it may be turned to the right or left, as desired, but with sufficient friction to remain in the position to which it is adjusted. The turn-plate is provided with an enlarged end, d' , and a finger-piece, d^2 , for manipulating it. The plate B is provided, furthermore, with the downwardly-extending curved projections C C.

The parts being constructed and arranged as described, the operation of my invention is as follows: The turn-plate D having been first revolved to the right or left outwardly from the position shown in the drawings, the cross-bar E of the T projection is inserted between the curved projections C C and the main body of the plate B, the loop F occupying the space between said curved projections. The turn-plate is then revolved to the position shown in the drawings, thereby locking the plates A and B together and completing the fastening. The plates are uncoupled by revolving the turn-plate away from in front of the loop F, whereupon the cross-bar E may be removed.

It is evident that when the turn-plate is in the locked position the cross-bar cannot be removed by pressure exerted against it in any direction, the curved projections C C, abutting against the loop F, and the shoulder d^2 of the turn-plate effectually preventing disengagement.

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

1. A fastener of the kind described, consisting of a plate, A, provided with a T projection, and a plate, B, provided with curved projections C C and a locking turn-plate, substantially as shown and described.

2. A fastener of the kind described, consisting of a plate, A, provided with a T projection, and a plate, B, provided with curved projections C C, integral with said plate, and a locking turn-plate, D, pivoted to the plate B and having a shoulder, d' , and finger-piece d^2 , substantially as shown and described.

3. A fastener of the kind described, consisting of a plate, A, provided with a T projection, and a plate, B, provided with curved projections C C and a locking turn-plate, and

slotted at *b b'* for the reception of a supplemental strap or tug, I, substantially as shown and described.

4. A fastener of the kind described, consisting of a plate, A, provided with loop F and cross-bar E, and a plate, B, provided with pivoted turn-plate D having shoulder *d'* and finger-piece *d''*, and curved projections C C, said plate being slotted at *b b'* for the recep-

tion of a supplemental strap or tug, substantially as described.

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

WILLIAM E. MOORE.

Witnesses:

SAMUEL J. BRIGGS,
GEO. W. IRWIN.