

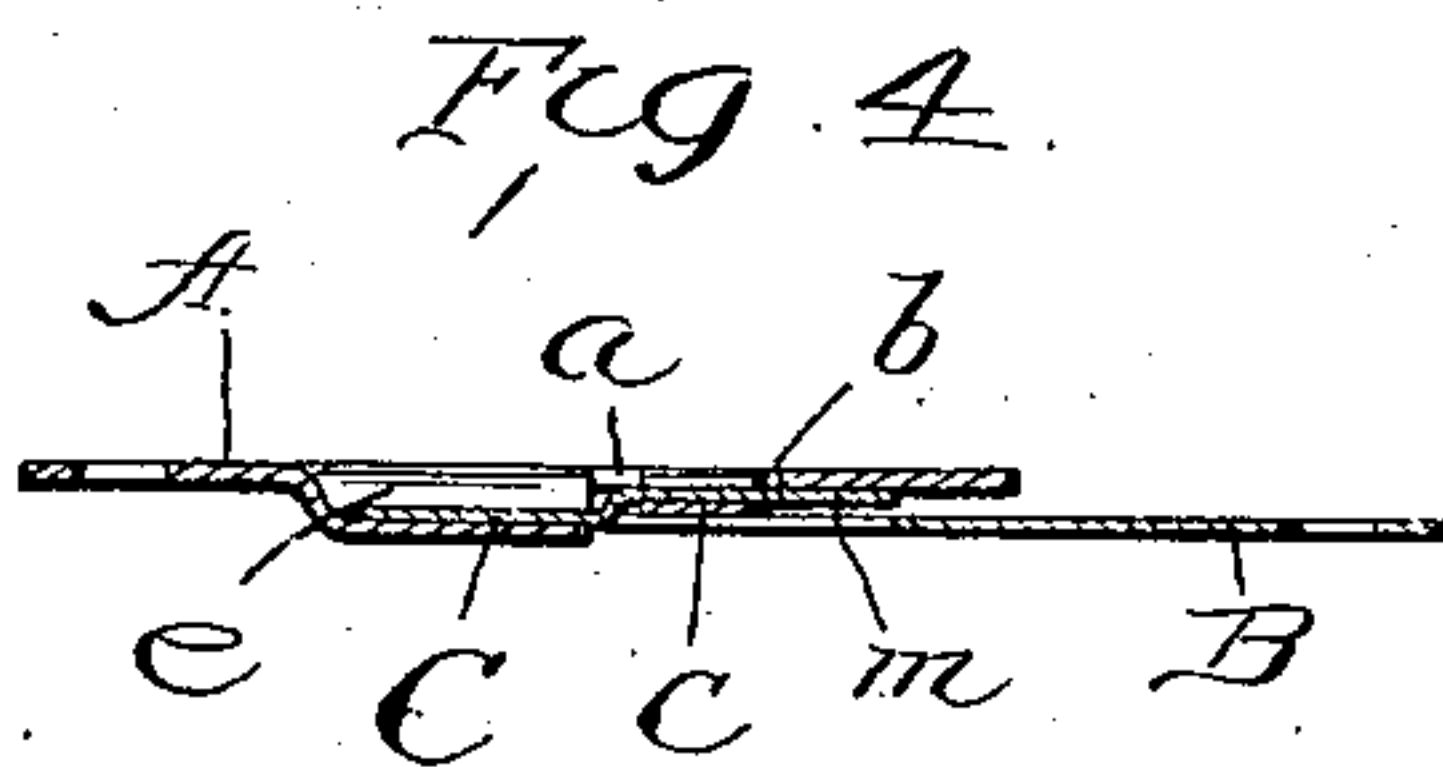
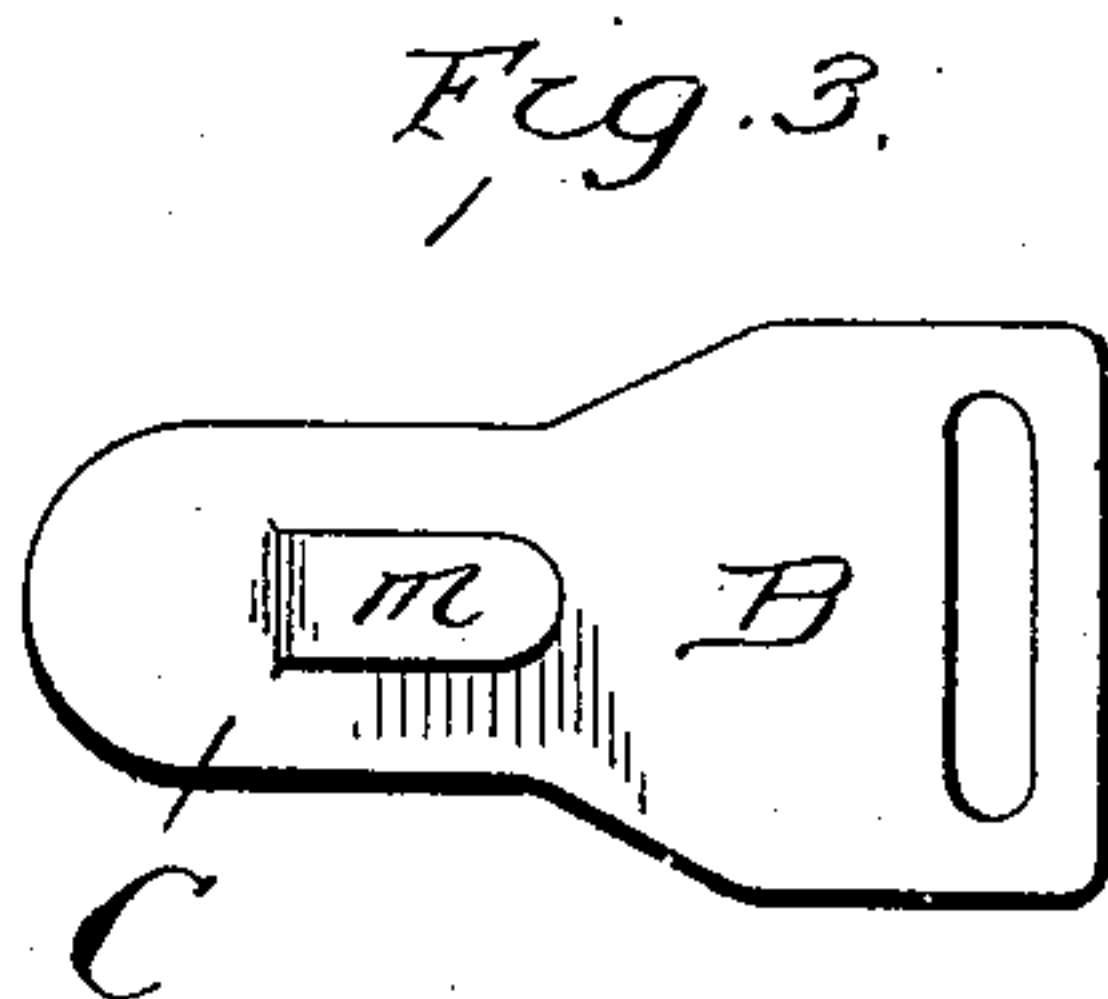
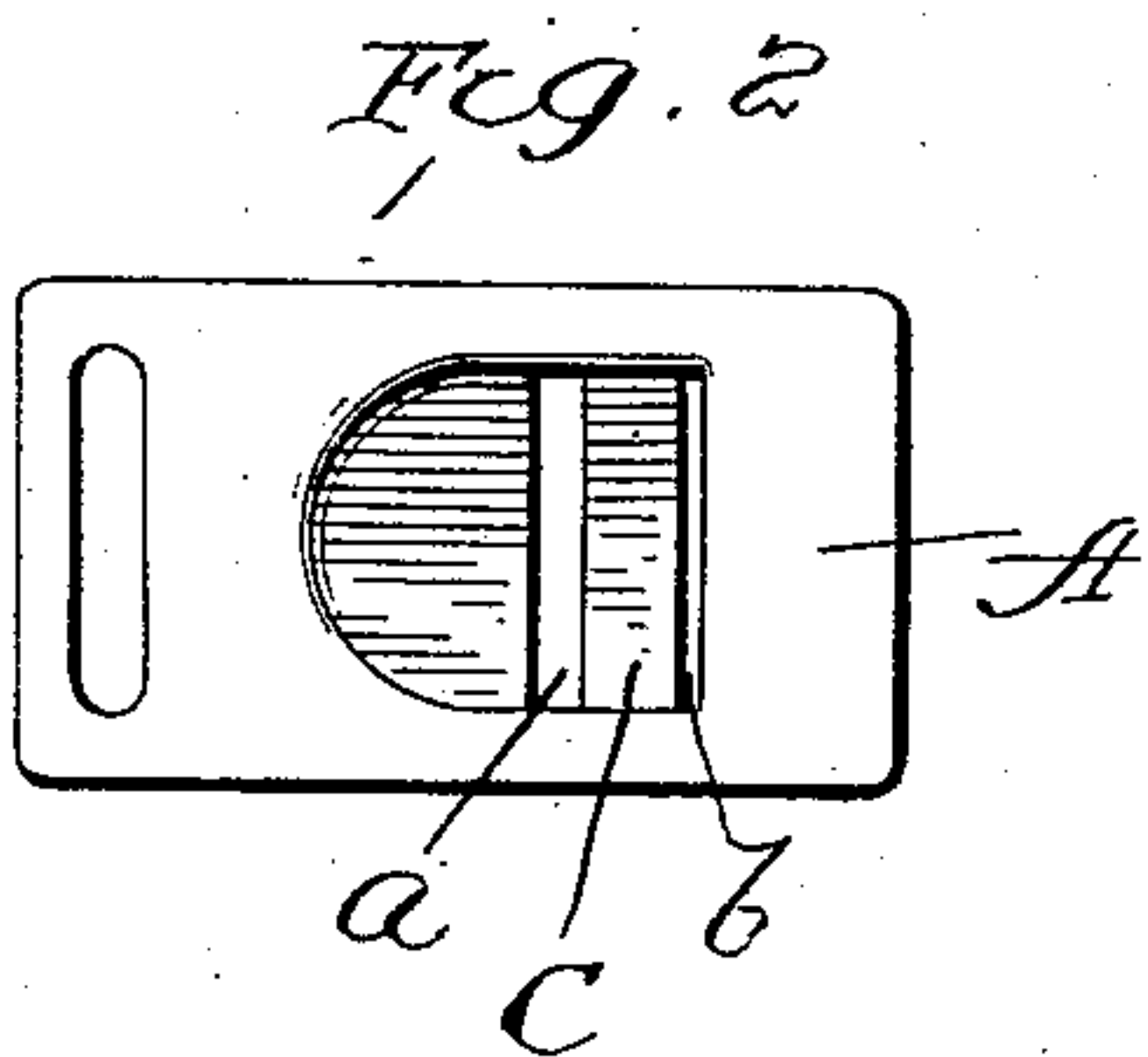
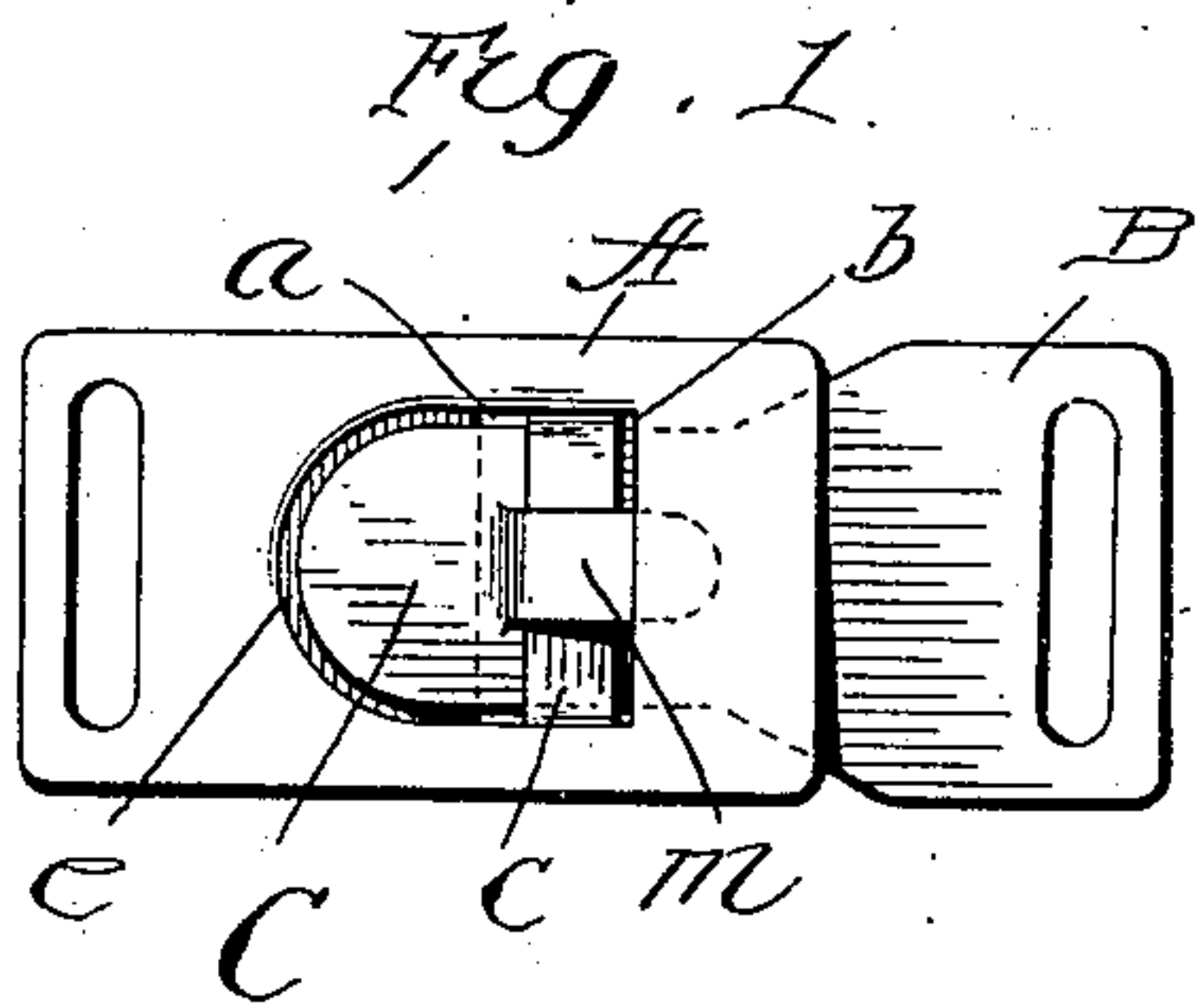
No. 725,997.

PATENTED APR. 21, 1903.

S. S. SINGER.  
SUSPENDER BUCKLE.

APPLICATION FILED MAY 13, 1902.

NO MODEL.



Attest:

Edmund Barton  
Edward Barton

Samuel S. Singer, Inventor.

By Ellis Spear.

Atty.

# UNITED STATES PATENT OFFICE.

SAMUEL S. SINGER, OF GREATFALLS, MONTANA.

## SUSPENDER-BUCKLE.

SPECIFICATION forming part of Letters Patent No. 725,997, dated April 21, 1903.

Application filed May 13, 1902. Serial No. 107,078. (No model.)

*To all whom it may concern:*

Be it known that I, SAMUEL S. SINGER, a citizen of the United States, residing at Greatfalls, Cascade county, Montana, have invented certain new and useful Improvements in Suspenders-Buckles, of which the following is a specification.

My invention relates to suspender-buckles, and has for its object to produce a buckle that will be simple in construction, easy to manufacture, and which will not be liable to become detached while in use.

To this end it consists of the construction hereinafter described, and more particularly set forth in the claims.

Referring to the drawings, Figure 1 shows my invention with the two parts united. Fig. 2 shows the upper plate of the buckle. Fig. 3 is the lower or tongue portion of the buckle. Fig. 4 is a longitudinal section of the two plates united.

A is the upper plate of the buckle, which is made of sheet metal and is oblong in shape, having in its upper end the usual slot for the suspender-straps.

*a* is an opening through which the tongue of the lower portion of the buckle passes. A short distance below the opening *a* is formed the narrow slot *b*, thus forming between the openings *a* and *b* the bar *c*, which is depressed slightly below the level of the plate A. Immediately above the opening *a* a portion of the plate corresponding in size and shape to the upper end of the tongue portion C is depressed below the level of the plate A and also below the level of the bar *c*, thus forming a recess *e* for the reception of the tongue C. The lower portion of the buckle B is also formed of an oblong piece of sheet metal and has one end reduced in width to about one-half the width of the plate proper. Near the center of this narrow portion a tongue *m* is formed by striking out the metal. This tongue of metal is raised slightly above the level of plate B, so that it forms a hook.

To unite the two parts of the buckle, the plate B is placed at about right angles to the plate A and the narrow end C is inserted in the opening *a* as far as it will go, its movement being limited by the wide lower portion of the plate and then turned to a more acute angle and drawn downward. As it moves

down the hook *m* passes over the bar *c* and through the slot *b* and the end of the tongue C fits into the recess *e*. This recess *e* is depressed far enough to permit the plate B to assume a perfectly flat position parallel to the plate A. The bar C, being midway between the bottom of recess *e* and the plate A, allows the hook *m* to pass over it and through the slot *b*, thus placing the end of the hook beneath the plate A and preventing its catching on the garments.

To separate the parts, it is necessary to raise the lower portion until the hook *m* is disengaged from the bar *c* and then turn the plate B to a position at right angles to the plate A and withdraw it.

It is practically impossible for the parts to be detached accidentally, as the plate B must turn to a full right angle, as any position less than a right angle would permit the hook *m* to engage the bar *c* and the parts would again assume the united position.

In making the buckle the parts are preferably struck each from a single piece of metal.

Having thus described my invention, what I claim is—

1. A suspender-buckle comprising two plates, one of said plates having two openings therein and a cross-bar between said openings, said cross-bar being depressed beneath the level of said plate, the second plate being adapted to enter one of said openings and having a hook raised above the level of said plate and adapted to engage said cross-bar, substantially as described.

2. A suspender-buckle comprising two plates, one of said plates having openings formed therein, a cross-bar between said openings beneath the level of said plate and a portion of said plate immediately above said openings being depressed beneath the level of said cross-bar, the second plate being adapted to enter one of said openings and having a hook raised above the level of said plate and adapted to engage said cross-bar on the first plate, substantially as described.

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

SAML. S. SINGER.

Witnesses:

FRED ARKELL,

GEORGE E. TRUEBLOOD.