

No. 855,459.

PATENTED JUNE 4, 1907.

D. A. HUFFMAN.  
BUCKLE SLEEVE.

APPLICATION FILED JUNE 14, 1906.

Fig. 1.

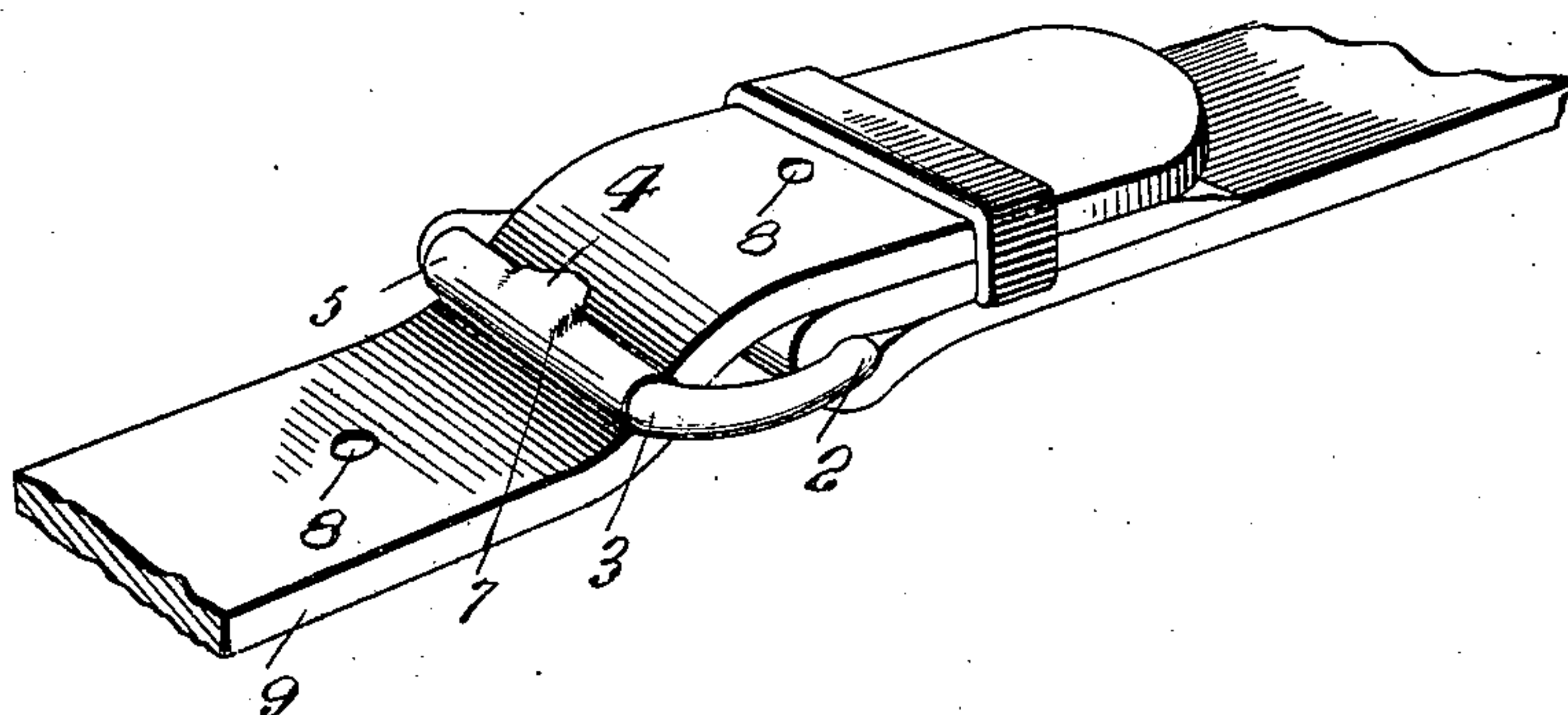


Fig. 2.

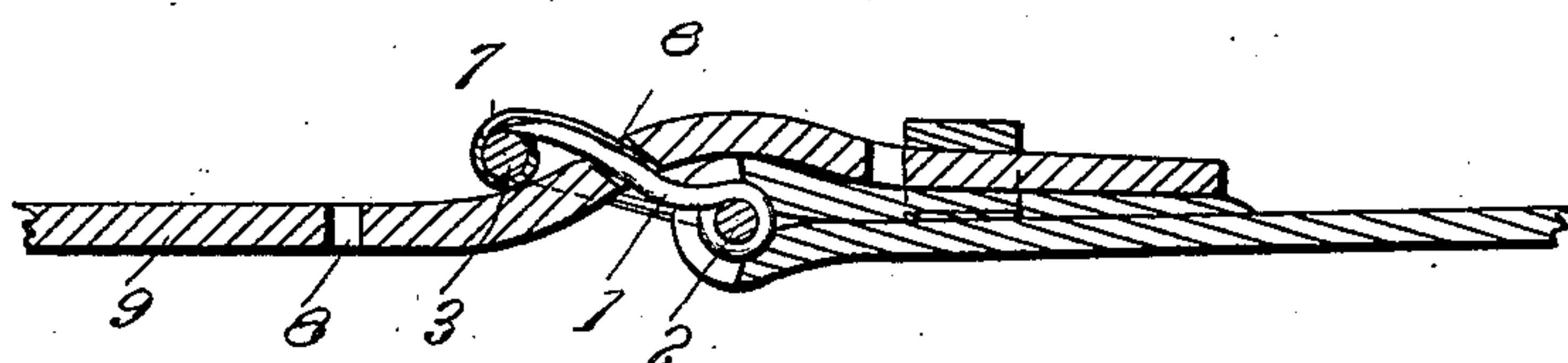


Fig. 4.

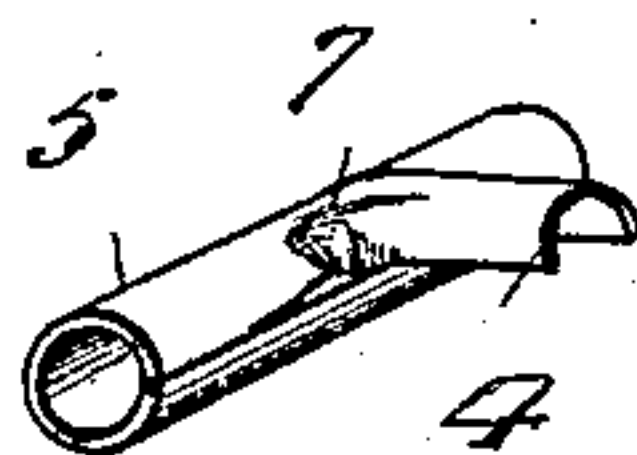
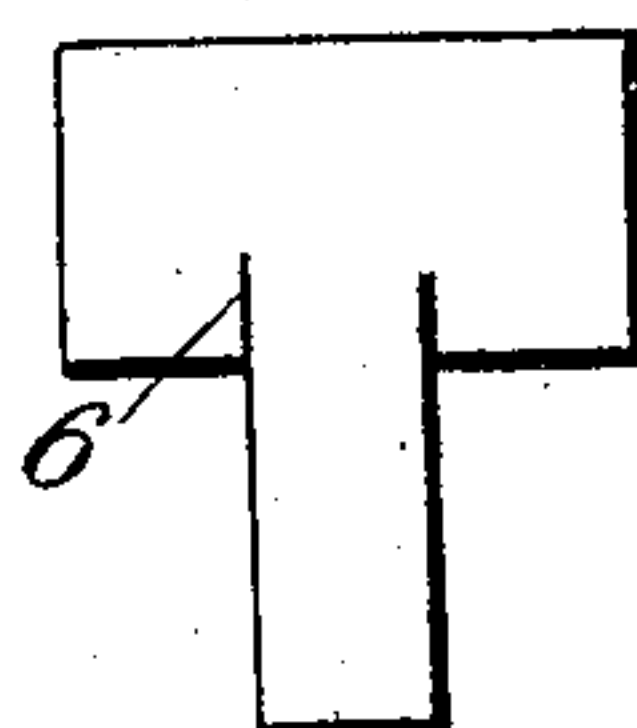


Fig. 3.

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Witnesses

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# UNITED STATES PATENT OFFICE.

DAVID A. HUFFMAN, OF PARIS, ILLINOIS.

## BUCKLE-SLEEVE.

No. 855,459.

Specification of Letters Patent.

Patented June 4, 1907.

Application filed June 14, 1906. Serial No. 321,746.

*To all whom it may concern:*

Be it known that I, DAVID A. HUFFMAN, a citizen of the United States, residing at Paris, in the county of Edgar and State of Illinois, have invented certain new and useful Improvements in Buckle-Sleeves, of which the following is a specification.

The present invention relates to improvements in the construction of buckles of that type comprising a framework and a swinging tongue, the object being to provide a locking member which normally fits over the free end of the tongue so as to prevent accidental disengagement of the strap.

This invention also has the advantage of preventing the swinging end of the tongue from projecting outwardly and catching upon extraneous objects.

A further object is to so form the device that it can be placed upon any of the ordinary types of buckle without adding materially to the cost of the same.

For a full description of the invention and the merits thereof and also to acquire a knowledge of the details of construction of the means for effecting the result, reference is to be had to the following description and accompanying drawings, in which.

Figure 1 is a perspective view showing the application of the invention; Fig. 2 is a longitudinal sectional view; Fig. 3 is a detached perspective view of the locking device; and, Fig. 4 is a plan view of the blank from which the locking device is formed.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawings by the same reference characters.

The invention is shown as employed in connection with a buckle having a rectangular frame, the tongue 1 being pivotally mounted upon the end 2 of the frame and adapted to swing against the opposite end 3. The locking member is primarily a lateral arm 4 loosely connected to the end 3 of the frame and adapted to fold over the swinging end of the tongue 1 in such a manner as to form a sheathing or housing which holds the same securely in position when the buckle is in use. In the preferred construction, the locking arm 4 is formed in connection with the sleeve 5 which fits loosely over the end 3 of the frame and gives the locking arm a swinging movement. As shown in the drawings, the locking arm 4 and sleeve 5 are both formed from a T-shaped blank of sheet ma-

terial similar to that shown in Fig. 4, the head of the T-shaped blank being bent so as to form the sleeve while the lower portion is bent transversely so as to have a U-shaped cross section which enables it to fit closely around the tongue 1. It may be found desirable to form transverse cuts 6 in the head of the T-shaped blank at each side of the lower portion thereof in order to facilitate the bending of the two parts. It will also be observed that at the junction of the locking arm and the sleeve, the latter is pressed slightly outward to form the socket 7 for the reception of the extremity of the tongue 1.

When the buckle is in use, the tongue 1 is passed through any one of the series of openings 8 in the strap 9 in the usual manner and is then swung against the end 3 of the frame and the locking arm 4 folded backwardly so as to embrace the tongue 1. This locking arm may be of any suitable length, but is preferably formed so as to enter the opening 8 in the strap 9 when the strap is given a forward pull tending to draw it toward the end 3 of the frame. When in this position, it will be apparent that the locking member cannot be disengaged from the tongue without first moving the strap 9 back toward the end 2 of the frame.

Having thus described the invention, what is claimed as new is:

1. In a device of the character described, the combination of a buckle frame, a tongue mounted on said frame, a strap part applied to the frame and having an opening through which the tongue passes, and a guard member for preventing accidental disengagement of the strap part from the tongue and also arranged so that it passes through the opening of the strap part receiving the tongue.

2. In a device of the character described, the combination of a buckle frame, a swinging tongue mounted upon the frame, a strap passing through the frame and provided with an opening through which the tongue is passed, and a locking arm loosely connected to the frame and adapted to fold over the tongue and enter the before mentioned opening in the strap to hold the tongue in normal position.

3. In a device of the class described, the combination of a buckle frame, a tongue pivoted to an end portion of said frame, a strap part applied to the frame and having an opening receiving the tongue, and a guard member pivoted to the frame for movement in a



direction opposite to the movement of the tongue and adapted to snugly fit against the tongue longitudinally thereof, and passing through the opening in the strap part aforesaid.

4. In a device of the character described, the combination of a buckle frame, a swinging tongue mounted upon the frame, and a sleeve fitting over a portion of the frame and provided with a lateral arm, the said lateral arm being bent transversely and adapted to be folded over the end of the tongue to hold the latter in normal position.

5. In a device of the character described, the combination of a frame, a swinging tongue

mounted upon the frame, and a sleeve fitting over a portion of the frame and provided with a lateral arm which is bent transversely and is adapted to be folded over the end of the tongue to hold the latter in normal position, the portion of the sleeve at the junction of the lateral arm being formed with a socket for the reception of the extremity of the tongue.

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

DAVID A. HUFFMAN. [L. s.]

Witnesses:

WM. H. COLWELL,

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