

No. 685,360.

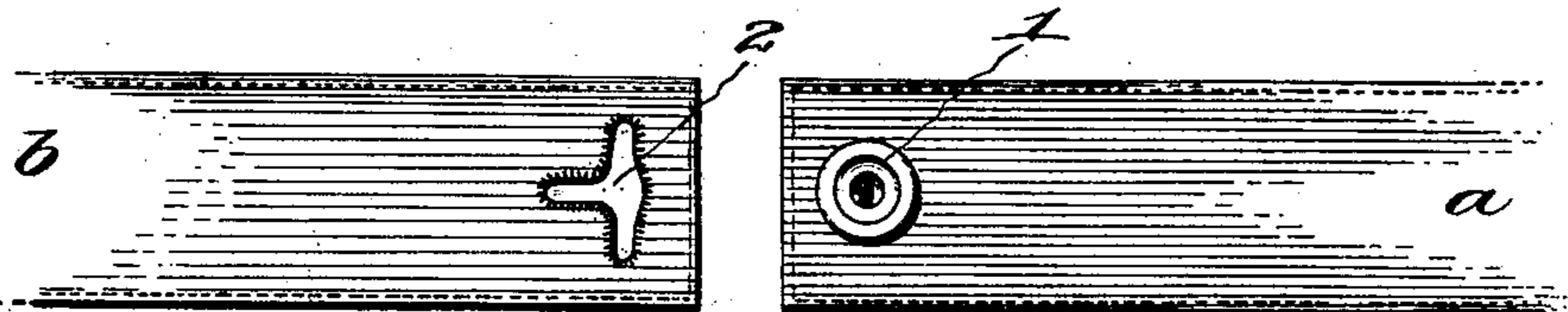
Patented Oct. 29, 1901.

Z. G. WARD.  
BUTTONHOLE CASING.

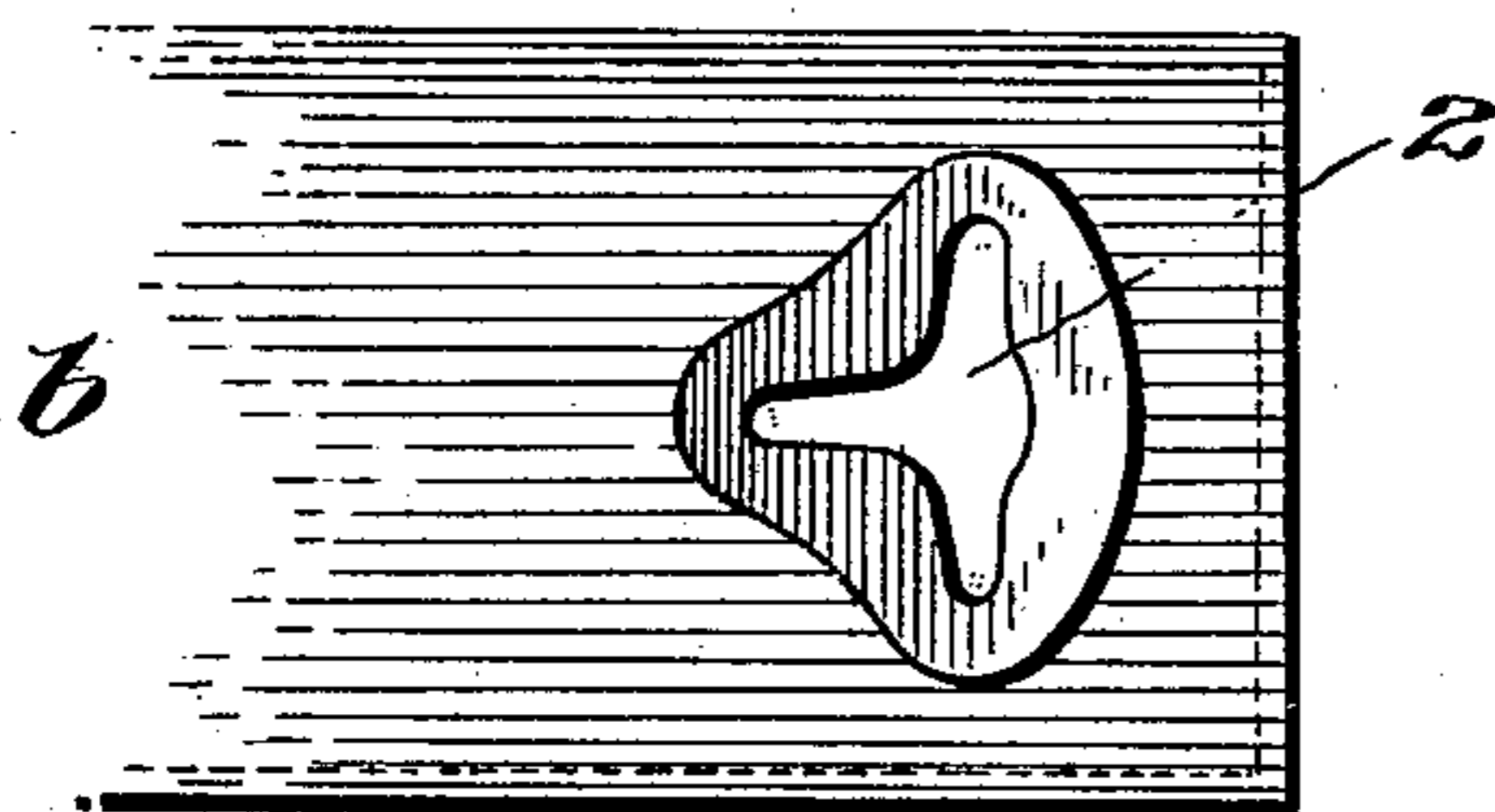
(Application filed Feb. 21, 1901.)

(No Model.)

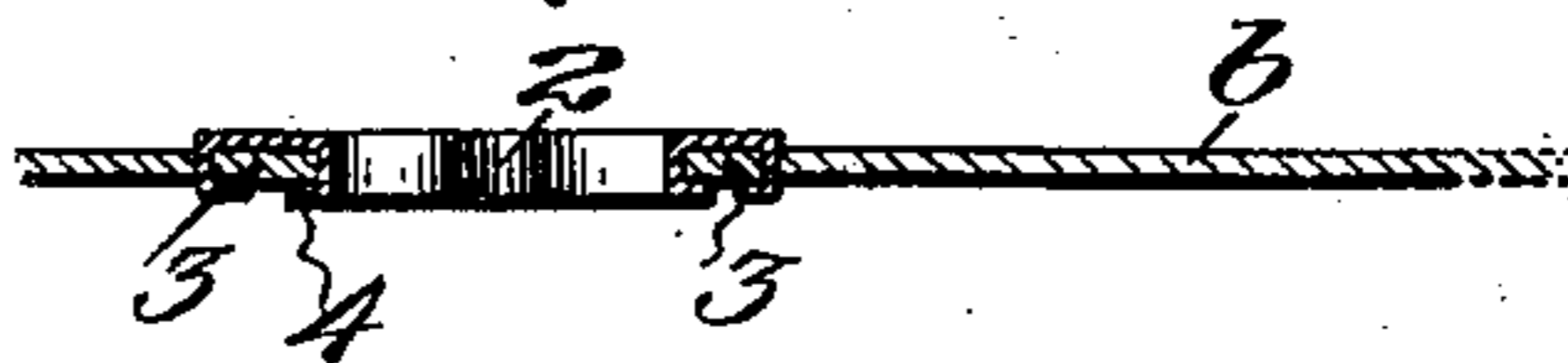
*Fig. 1.*



*Fig. 2.*



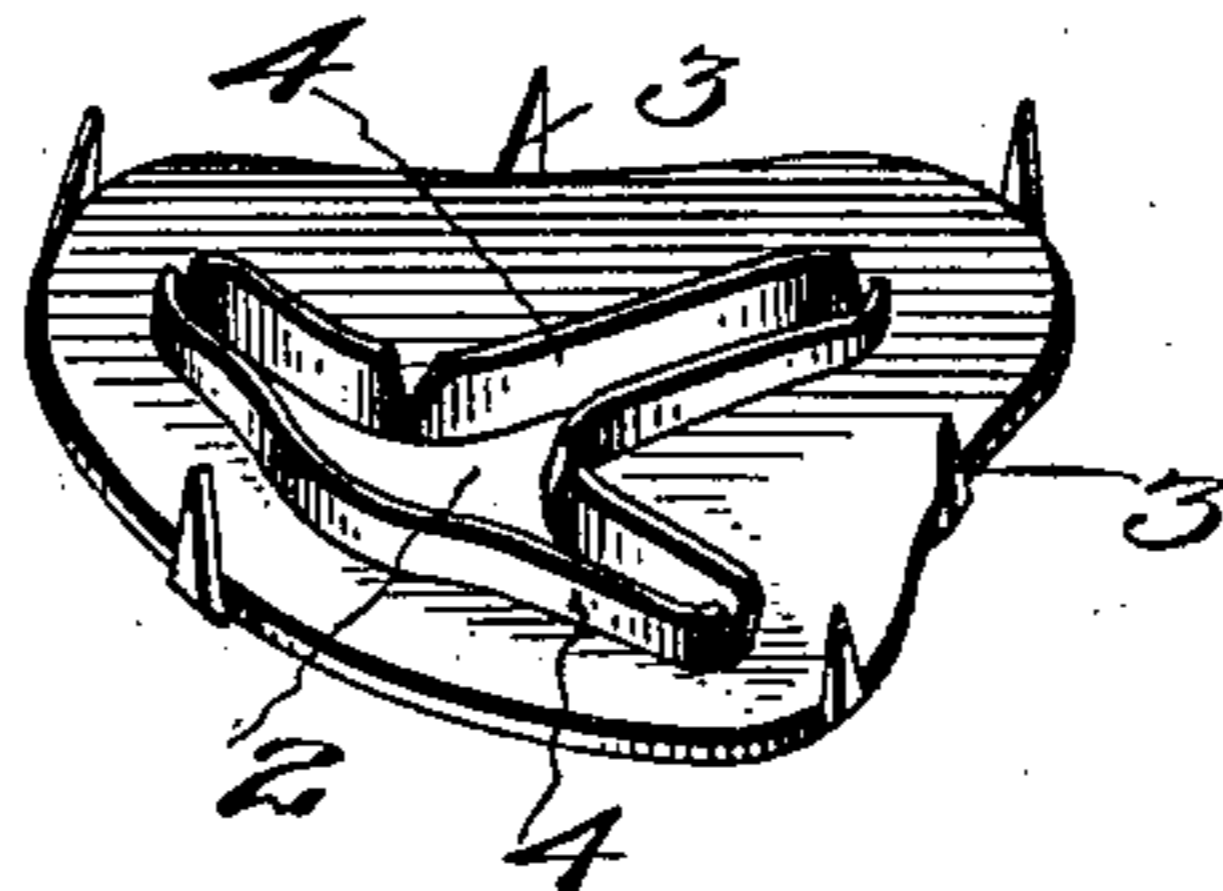
*Fig. 3.*



*Fig. 4.*



*Fig. 5.*



Witnesses

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# UNITED STATES PATENT OFFICE.

ZIBA G. WARD, OF PROFFIT, VIRGINIA.

## BUTTONHOLE-CASING.

SPECIFICATION forming part of Letters Patent No. 685,360, dated October 29, 1901.

Application filed February 21, 1901. Serial No. 48,276. (No model.)

*To all whom it may concern:*

Be it known that I, ZIBA G. WARD, a citizen of the United States, residing at Proffit, in the county of Albemarle and State of Virginia, have invented certain new and useful Improvements in Buttonholes; and I do 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.

The invention relates to buttonholes.

The object of the invention is to provide a strong, durable, and inexpensive buttonhole, one with which a button may be readily engaged and yet at the same time be prevented from becoming accidentally disengaged therefrom.

With these and other objects in view the invention consists of certain novel features of construction, combination, and arrangement of parts, which will be hereinafter more fully described, and particularly pointed out in the appended claim.

In the accompanying drawings, Figure 1 is a plan view of the two adjacent ends of a band which it is desired to connect, one end of the band being shown provided with an ordinary button and the other with a buttonhole of a peculiar shape. Fig. 2 is a view of the end of the band, showing a metal buttonhole. Fig. 3 is a longitudinal sectional view through Fig. 2. Fig. 4 is a cross-sectional view. Fig. 5 is a detail perspective view looking from the rear side of the metal buttonhole-casing, showing the construction before the buttonhole-casing is clamped to the goods.

In the drawings, *a* and *b* denote the ends of two parts desired to be connected together. These parts may represent any article of wearing-apparel or, in fact, the ends of anything which it is desired to releasably join or connect together. The band is simply shown in order to illustrate the invention. To the end *a* of the band is sewed or otherwise attached an ordinary button 1. The end *b* of the band is provided with a T-shaped buttonhole 2, which may be worked along its edges in the usual manner to prevent fraying or which may be of metallic construction, as may be desired. The button to be engaged with the buttonhole must be inserted through the buttonhole edgewise, and when the ends of the band are drawn from each other the button will slip into the horizontal portion of the buttonhole. It cannot be accidentally disen-

gaged, because before the two parts can be disconnected the button must be withdrawn edgewise through the vertical portion of the buttonhole. As the tendency of the button is to remain in a horizontal position, it will be seen that the slight liability of its becoming accidentally disengaged from the buttonhole is reduced to a minimum, for, as above stated, the button must be tilted so as to present its edge to the vertical portion of the buttonhole before it can be withdrawn therethrough. The metal buttonhole-casing is preferably provided on its outer edges with piercing-prongs 3 and along its inner marginal edges with downwardly-extending flanges 4. This buttonhole is placed over a correspondingly-shaped hole in the goods to which it is to be attached, the prongs 3 forced through the material and clenched, and the flanges 4 inserted through the holes and pressed firmly down upon the material. The strain upon the material is thus distributed over a broad area and lessens the liability of the metal part pulling away from the band.

From the foregoing description, taken in connection with the accompanying drawings, the construction, mode of operation, and advantages of my invention will be readily understood without requiring a more extended explanation.

Various changes in the form, proportion, and minor details of construction may be made within the scope of the invention without departing from the spirit or sacrificing any of the advantages thereof.

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

A buttonhole casing or reinforce consisting of a substantially heart-shaped metallic plate provided at intervals along its outer edge with prongs and in its body portion with a T-shaped slot, the walls of the slot having downwardly-projecting flanges, formed by outwardly and downwardly bending and slitting the metal displaced to form said slot, substantially as described.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

ZIBA G. WARD.

Witnesses:

WILLIAM F. LONG,  
STUART A. HAWOOD.