

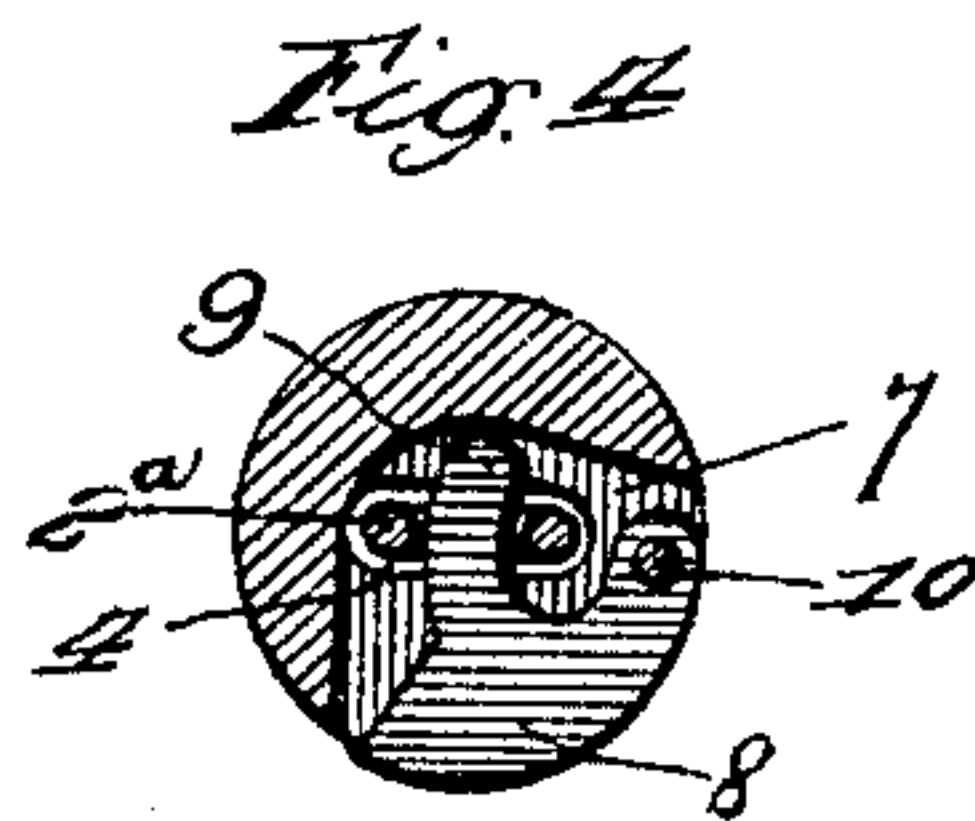
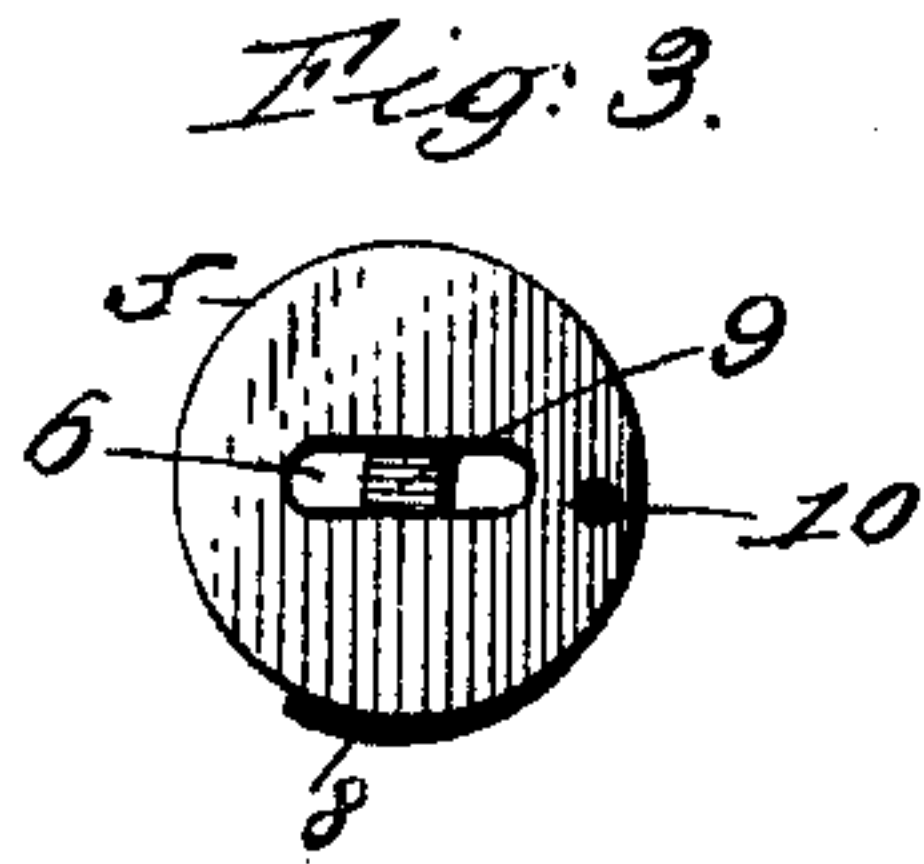
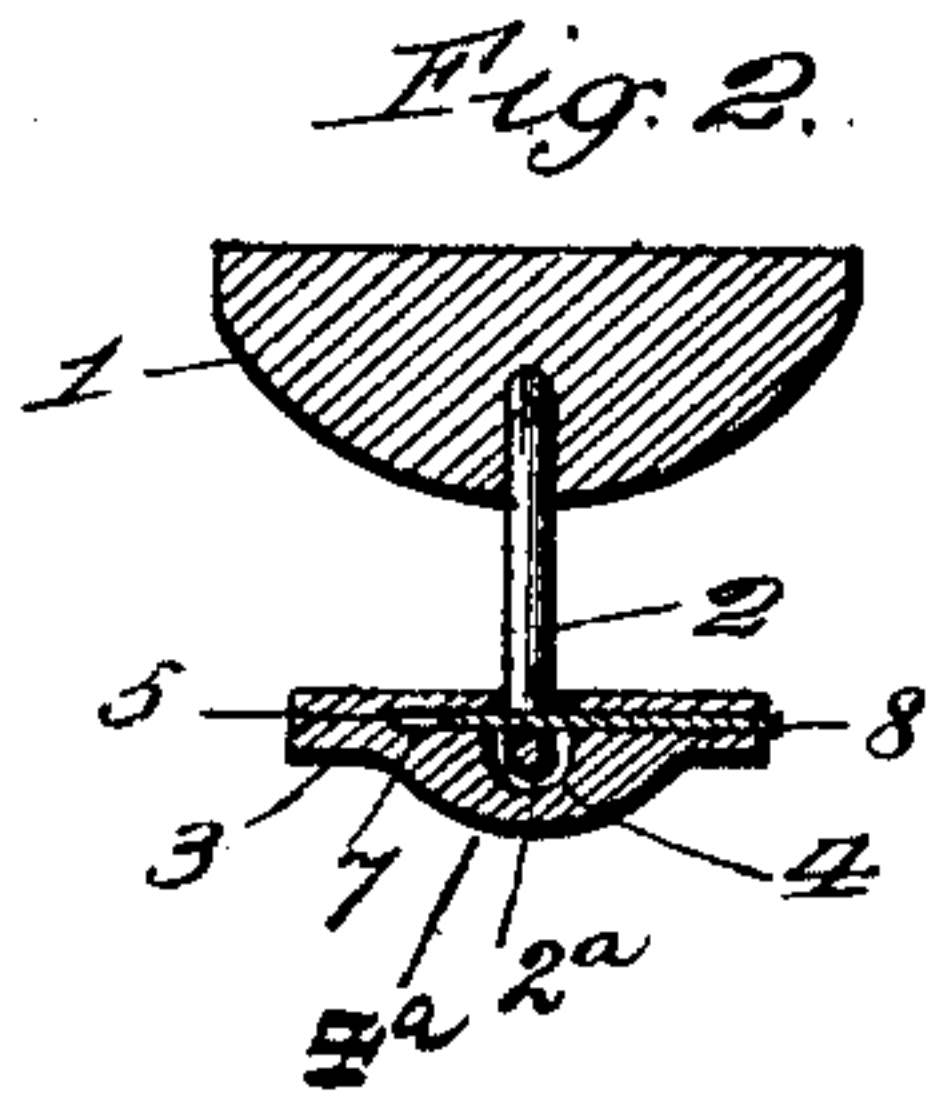
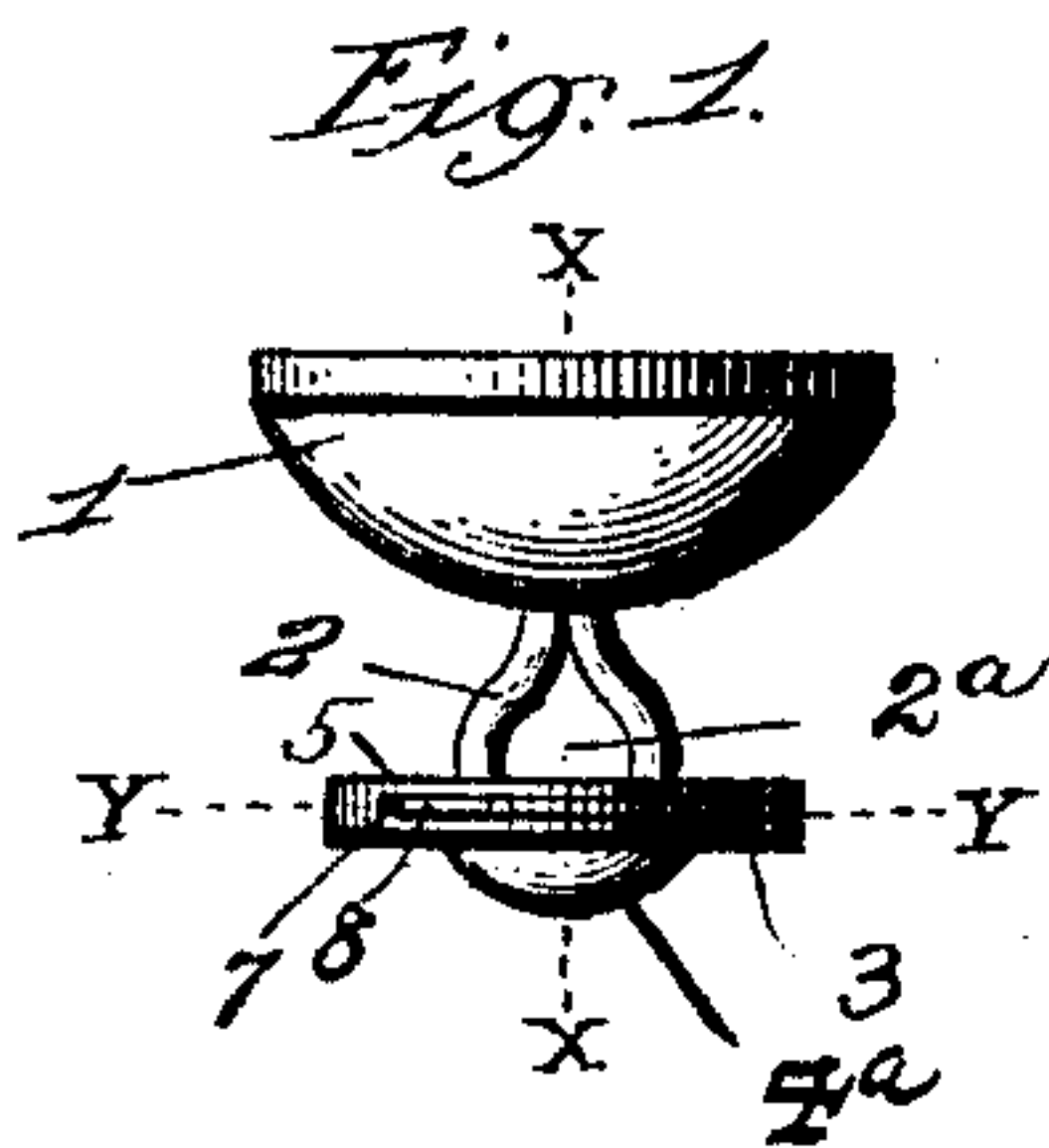
No. 681,850.

Patented Sept. 3, 1901.

M. HOETGER.
BUTTON.

(Application filed Feb. 3, 1899.)

(No Model.)



Witnesses:

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UNITED STATES PATENT OFFICE.

MATHIAS HOETGER, OF ELKHART, INDIANA.

BUTTON.

SPECIFICATION forming part of Letters Patent No. 681,850, dated September 3, 1901.

Application filed February 3, 1899. Serial No. 704,411. (No model.)

To all whom it may concern:

Be it known that I, MATHIAS HOETGER, a citizen of the United States, and a resident of Elkhart, in the county of Elkhart and State of Indiana, have invented certain new and useful Improvements in Buttons, of which the following is a specification.

This invention relates to separable buttons.

The object of my invention is to produce a separable button of neat appearance and one that will not readily tear out from the eyelet and to avoid all projections from any part of the button, thus obviating the accidental displacement of the button, which has been found in this class of articles to be very objectionable; and my invention consists in the base formed of two disks or washers, between which there is pivoted a locking tongue or hook that is adapted to engage the eye-shank of the button, said eye-shank passing through a slot formed in the upper washer or disk.

In the drawings, Figure 1 represents a side elevation of my improved button. Fig. 2 is a vertical cross-section of the same on the line $x x$, Fig. 1. Fig. 3 is a top plan view of the base of the button detached. Fig. 4 is a horizontal cross-section on the line $y y$, Fig. 1.

1 represents the head of the button, which may be of any suitable material and of any configuration desired by the manufacturer.

2 is the shank of the button, having an eye 2^a and secured to the head in any suitable manner.

The base of the button is composed of the lower disk or washer 3, which is provided with a bulge or convex part 4^a, having a depression or hollowed-out portion 4, which of course may be of any suitable size or shape. 5 is another washer or disk secured to the lower disk 3 by means of solder or other suitable material, said disk 5 being provided with an elongated slot 6. The solder does not extend all the way around the disks, thereby providing narrow segmental space or slot 7

between said disks, and in the slot is pivoted a thin plate or tongue 8, having a curved locking inner projection 9. 10 is a pivot-pin extending through both disks and through the curved outer projection of the plate or tongue, thereby securing the latter in position. The tongue is of segmental shape, as seen in Fig. 4, so that when it is closed it forms a continuation of the outline of the base, and by reason of this shape it is possible to form the circumference of the base without any projections, such projections having been found to be very objectionable by reason of their catching in the clothing and unlocking the button.

In applying this button to clothing it is only necessary to make an opening in the cloth sufficiently large to permit the eye 2^a of the shank 2 to pass through, when the base is applied by inserting the eye of the shank in the slot 6 and then closing the tongue, whereupon the locking projection passes under and directly across the said slot and through the eye of the shank, as seen in Fig. 2 of the drawings.

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

A button comprising a shank having an eye, a lower disk having a bulge or convex part formed with an elongated depression, an upper disk having an elongated slot coinciding with the elongated depression, means whereby the disks are secured together at one side so as to leave a narrow segmental space or slot between the disks at the other side thereof, a thin segmental tongue formed with a curved outer projection and with a curved inner locking projection, and a pivot-pin whereby the segmental tongue is pivoted to the disks by its outward projection.

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Witnesses:

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