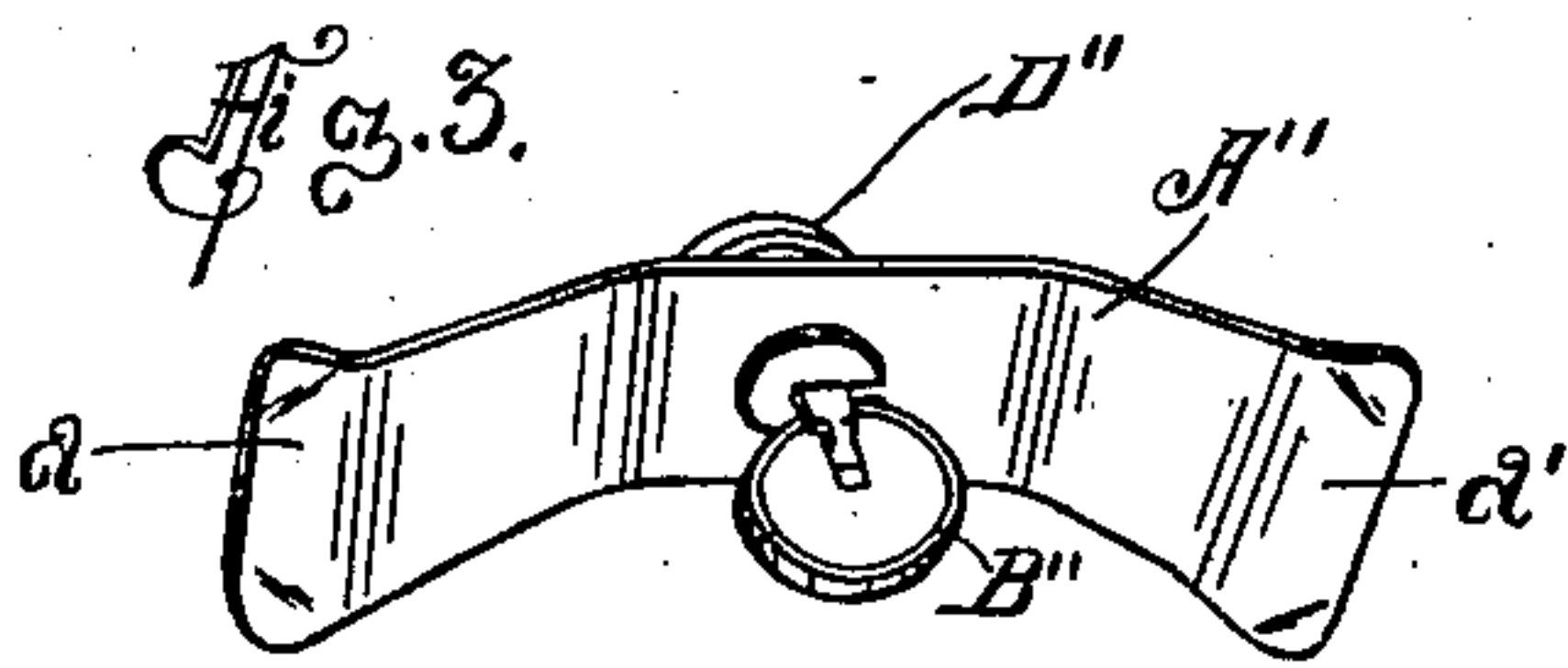
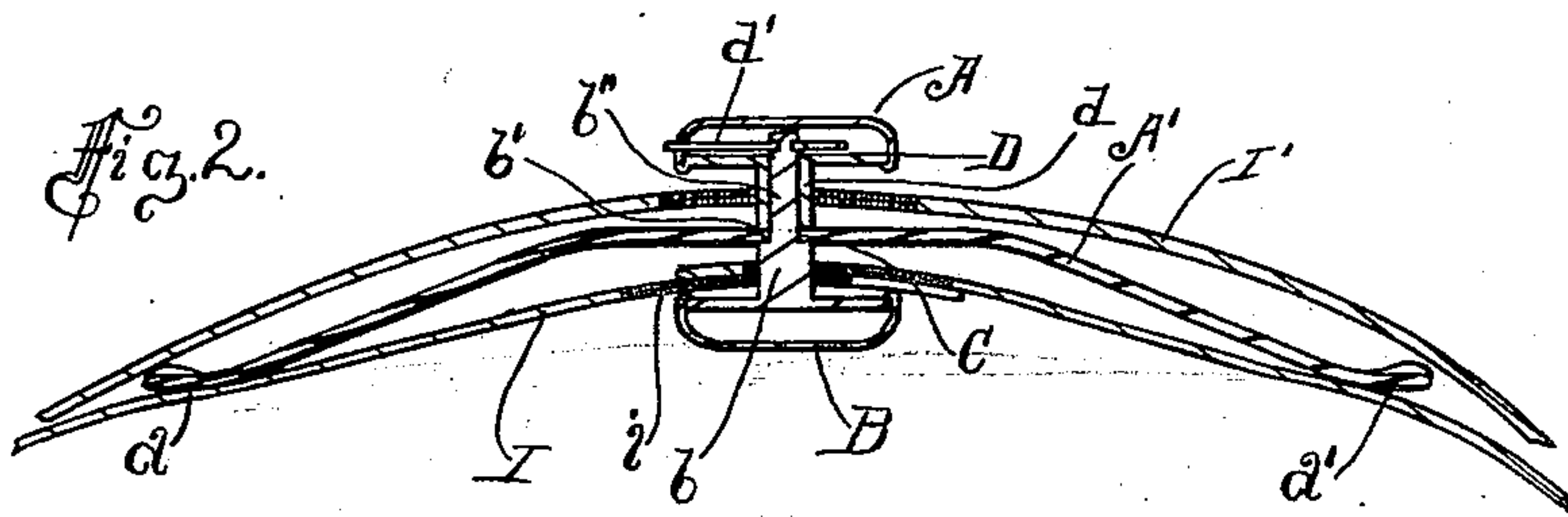
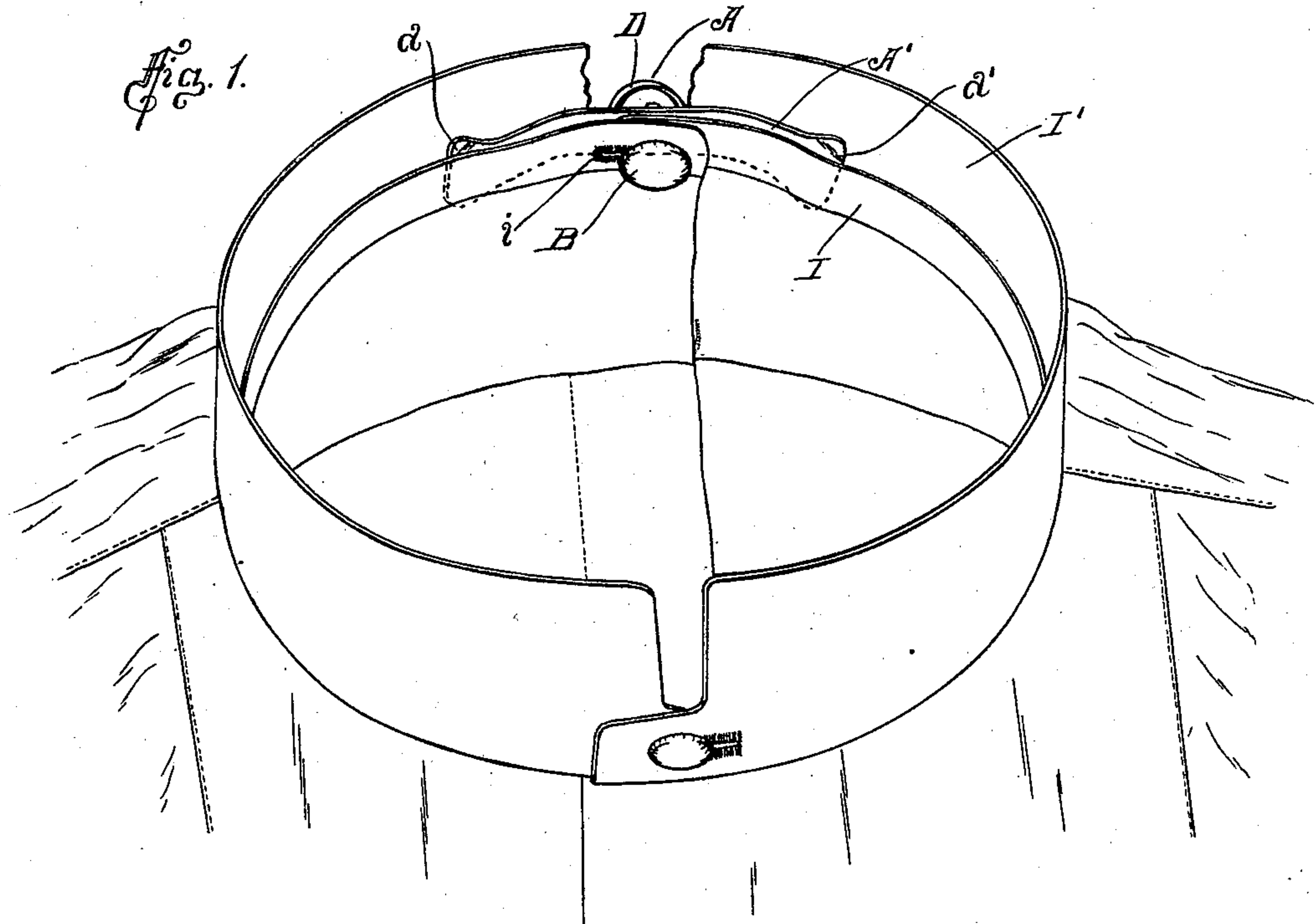


(No Model.)

G. H. WILLIAMS.
COLLAR BUTTON.

No. 534,309.

Patented Feb. 19, 1895.



Witnesses.

W. H. Harbison.
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Inventor,

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UNITED STATES PATENT OFFICE.

GEORGE H. WILLIAMS, OF LOS ANGELES, CALIFORNIA.

COLLAR-BUTTON.

SPECIFICATION forming part of Letters Patent No. 534,309, dated February 19, 1895.

Application filed May 28, 1894. Serial No. 512,685. (No model.)

To all whom it may concern:

Be it known that I, GEORGE H. WILLIAMS, a citizen of the United States, residing at Los Angeles, in the county of Los Angeles and State of California, have invented new and useful Improvements in Collar-Buttons, of which the following is a specification.

Great discomfort is experienced by many persons from the pressure upon the neck, of the collar button which holds the rear of the collar to the shirt. There is ordinarily a slight projection of the vertebra at the base of the neck, and in many people the collar button is brought to bear upon this projection, causing much discomfort, and in many instances causing large lumps to appear. In fact this is so common that for this reason many persons are unable to wear shirts having detachable collars.

The object of my invention is to provide a collar button having a shield which will prevent the base of the button from resting against the back of the neck.

The accompanying drawings illustrate my invention.

Figure 1 is a perspective front view of a portion of a shirt having a collar fixed in position thereupon by means of one of my improved devices. Fig. 2 is fragmental longitudinal sectional view of the same. Fig. 3 is a perspective view of a modified form of my device.

In the drawings A represents the button proper which is provided with a curved shield A' which is secured to the button stem and extends outward away therefrom, and is curved toward the rear to bring the bearing faces *a* and *a'* of the shield to the rear of the plane of the base B of the button, whereby the bearing is brought upon the ends of the shield, and the base of the button is held from contact with the neck of the wearer.

In the form shown in Figs. 1 and 2, which form I consider the most preferable, the base B of the button is provided with a stem *b* which has a shoulder *b'* arranged substantially near the midlength of such stem, and the shield A' is provided with an opening C to receive the stem so that the shield will slip upon the stem and will rest upon the shoulder *b'*.

The head D of the button is provided with a socket boss *d* arranged to receive and seat the end *b''* of the stem which projects through the shield. The end of the socket boss rests upon the shield and holds it against the shoulder *b'* and a suitable catch *d'* is provided to secure the head to the stem. This catch is not illustrated in detail for the reason that catches of this construction are not new, and no claim thereto is made herein.

In the form shown in Fig. 3 the shield A'' is rigidly secured to the stem of the button, and the head D'' and the base B'' are each arranged to swing outward in the ordinary manner of collar buttons, to thereby allow the ready insertion of the button through the button hole.

In both forms shown in Figs. 1, 2 and 3 the shield is arranged to be placed between the neck band I of the shirt and the collar I', whereby the neck band of the shirt forms a guard to prevent contact of metal with the skin of the wearer to thereby cause discomfort; also by this arrangement the neck band of the shirt prevents displacement of the shield, and the device is hidden from view thereby.

In practice, in the form shown in Figs. 1 and 2, the head D of the button is removed from the stem, and the stem is removed from the shield. Then the stem is passed through the button holes in the back of the shirt band and the shield A' is then placed in position upon the stem, the collar I' is placed upon the stem, and the head D is slipped upon the stem and the catch *d'* engages with the stem and holds the collar firmly in position upon the shirt. The bearing faces *a* and *a'* of the shield extend to the rear of the base B of the button and rest upon the fleshy portion of the neck, practically forming a truss which sustains the button above, and prevents it being forced into contact with the vertebra of the wearer, thus to cause annoyance and discomfort.

In using the form shown in Fig. 3, the neck band of the shirt is buttoned upon the base part of the stem, and the collar is buttoned upon the head portion of the stem, as will be readily understood by those versed in the art.

Now, having described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A collar button provided with a shield
5 arranged on the stem substantially midway
between the head and the base, such shield
extending laterally on each side of the stem
and having its outer ends curved to bring
their bearing faces outside of the plane of the
10 base.

2. The collar button set forth, comprising
the stem provided at one end with the base
and provided near its midlength with the

shoulder; the shield, provided with the open-
ing to receive the stem, and arranged to rest 15
on the shoulder; the head, provided with the
base having the socket arranged to receive
the stem therein and to clamp the shield be-
tween the end of the socket boss and the
shoulder, and suitable means for securing the 20
head upon the stem.

GEO. H. WILLIAMS.

Witnesses:

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