

No. 775,024.

PATENTED NOV. 15, 1904.

E. J. BARIL.
COLLAR BUTTON.

APPLICATION FILED SEPT. 18, 1903.

NO MODEL.

Fig. 1

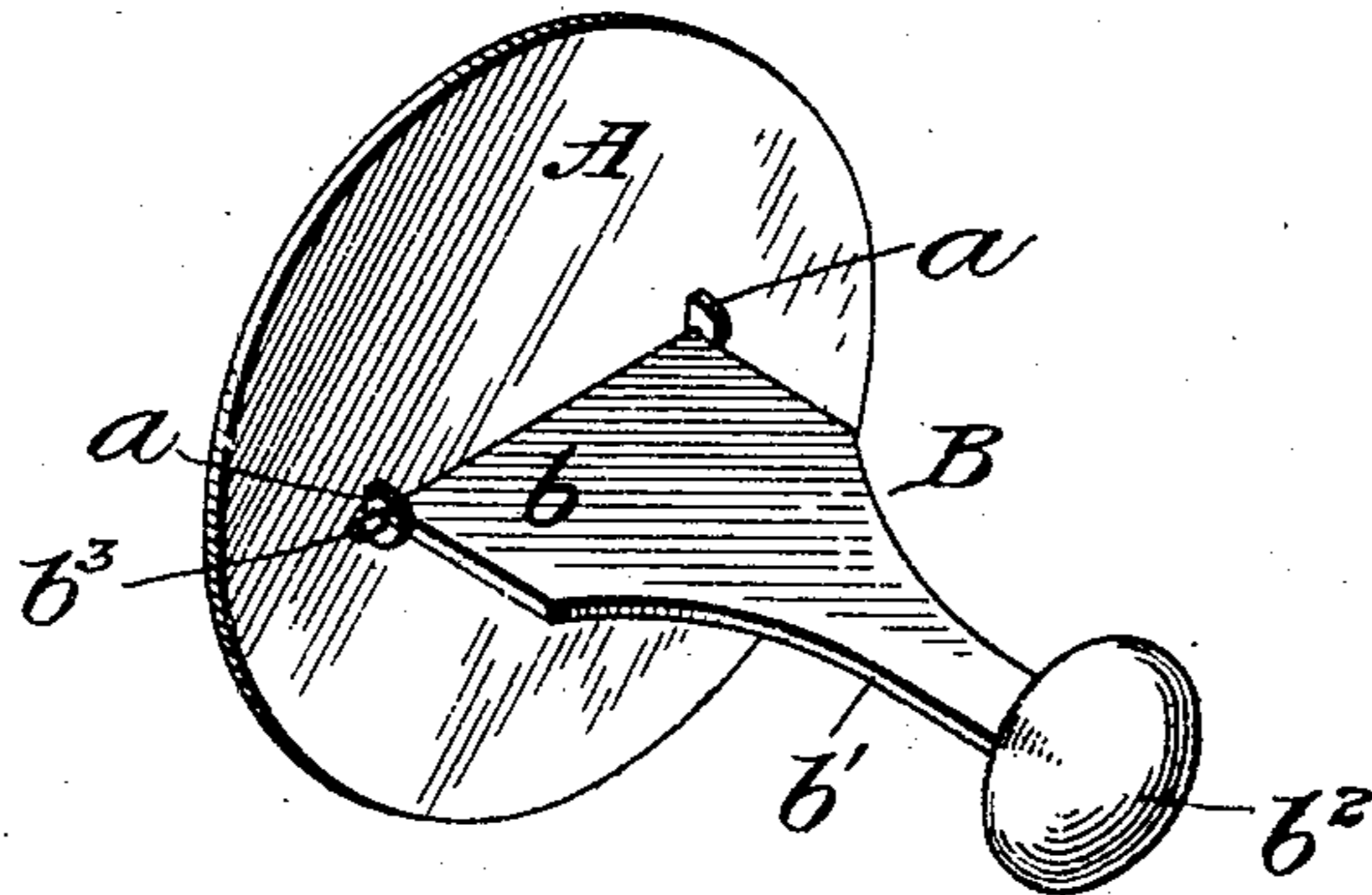


Fig. 2

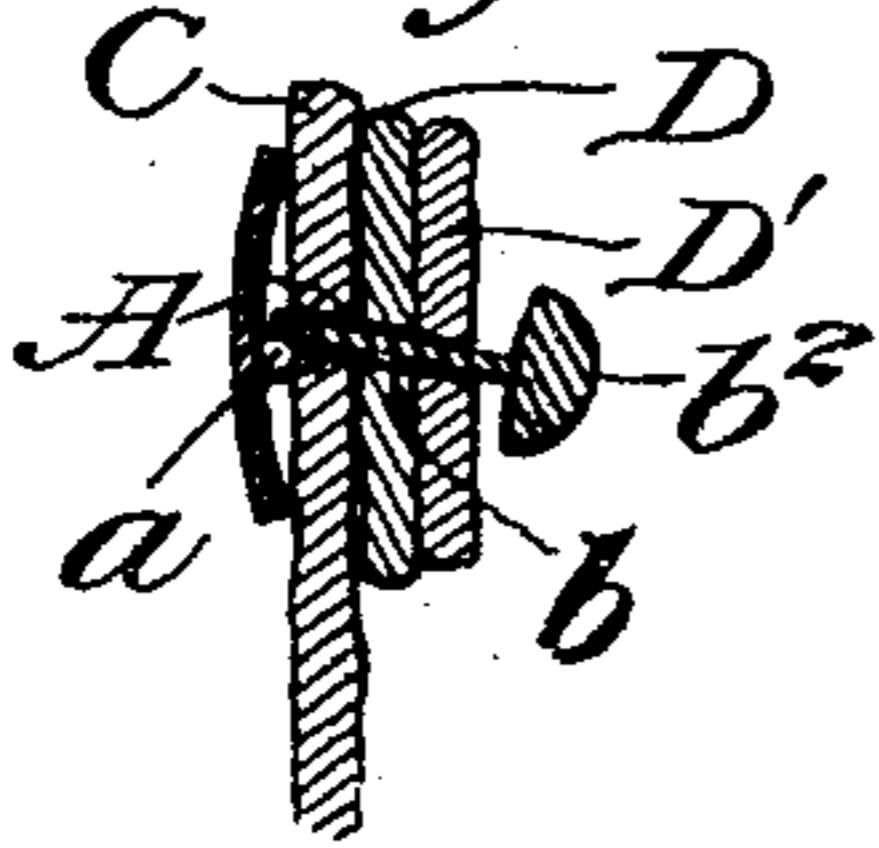


Fig. 4

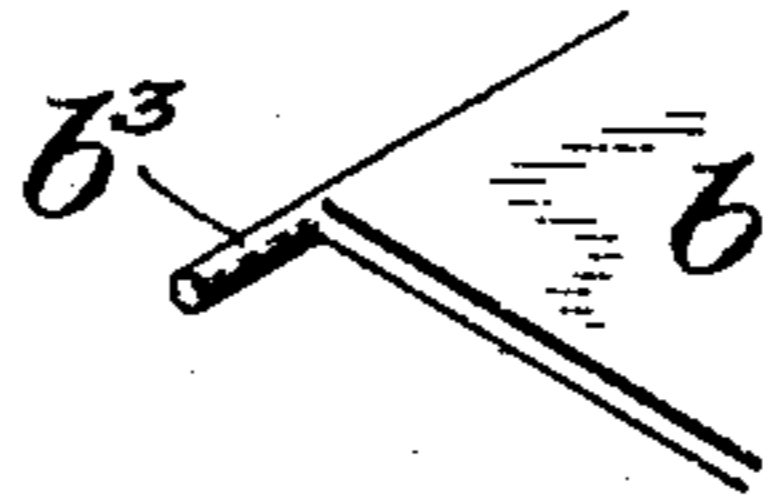
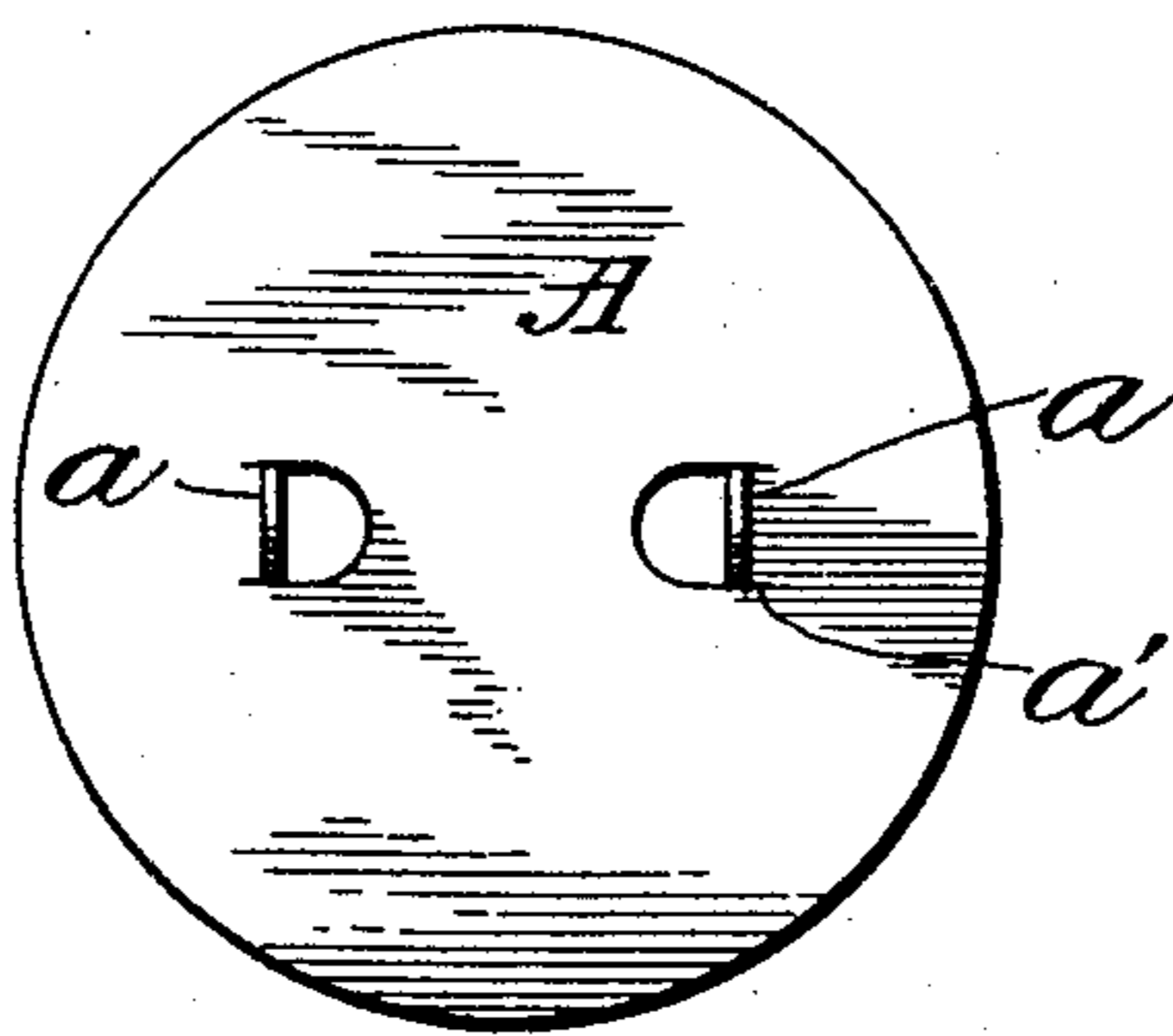


Fig. 3



Witnesses
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UNITED STATES PATENT OFFICE.

EDWARD J. BARIL, OF CHICAGO, ILLINOIS.

COLLAR-BUTTON.

SPECIFICATION forming part of Letters Patent No. 775,024, dated November 15, 1904.

Application filed September 18, 1903. Serial No. 173,668. (No model.)

To all whom it may concern:

Be it known that I, EDWARD J. BARIL, a citizen of the United States, and a resident of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Collar-Buttons, of which the following is a specification.

The subject of the present invention is an improved collar-button, and has for its more prominent objects simplicity and cheapness of construction, capacity for insertion through the neckband and collar-tabs without involving any undue distention of the buttonholes, and avoidance of all chafing action of the button-base against the neck, which might otherwise be imparted through the varying movements of the collar-tabs relative to the neckband.

With the above and other objects in view the improved collar-button consists generally of a base slightly concavo-convex, and a second piece freely pivoted to said base and presenting a shank, neck, and head, the shank and neck being flat, as will be presently described, such construction not only permitting the head, neck, and shank to be passed through the several buttonholes without undue spreading of the same, but also enabling the button-base to lie flat with respect to the neck of the wearer, and, furthermore, by reason of the freely-pivoted character of the shank to not partake of any of the shifting movements of the latter, which would tend to chafe or otherwise exert an unpleasant effect on the neck.

In the accompanying drawings, forming part of this specification, Figure 1 is a perspective view of a collar-button embodying my improvements. Fig. 2 is a detail sectional view of the neckband of a shirt and the tabs of a collar and illustrating the advantages of the improved button. Fig. 3 is a detail plan view of the button-base. Fig. 4 is a detail perspective view of a portion of the inner end of the shank and illustrating the provision for forming the trunnions or pivots of the latter.

Similar reference characters are employed to designate corresponding parts in the several figures of the drawings wherein they occur.

The base A of the button, which may be of any desired outline, I prefer to die-cut in a

single piece of metal and make the same slightly concavo-convex. Either coincident with or subsequent to the operation of cutting out the base semicircular slits are made in the body of the same and the metal outwardly displaced to present projecting ears *a a* in alignment and having perforations.

The second part of the button is likewise embodied in a single piece, and comprises a flat shank B presenting the enlarged butt *b*, contracting neck *b'*, and round head *b''*, all relatively disposed, as indicated most clearly in Fig. 1. Narrow sections of metal integrally project from the inner corners of the butt *b* and are curled and compressed to constitute rounded trunnions or pivots *b''* for the shank, adapted to revolvably bear in the ears *a a* of the base for permitting a free pivotal movement of the shank.

In order to provide for the convenient engagement of the trunnions with the ears, the slits of the latter are somewhat extended beyond the ear-bends, as indicated by *a'* at the left of Fig. 3, which slit extensions afford sufficient metal at the base of either ear as will enable the same to bend to a considerable extent for accommodating itself to the adjacent trunnion after the trunnion at the opposite side has been properly located within its bearing, the arrangement, however, avoiding any objectionable play of the trunnions in their bearings after the engaging operation has been completed.

From the foregoing description it will be readily comprehended that, as before intimated, the improved collar-button is exceedingly cheap and simple in construction, consisting as it does of but two pieces or sections.

The flat character of the shank B permits the head, neck, and butt to be easily engaged within the buttonholes of the neckband C and collar-tabs D D' without unduly spreading said buttonholes, and that the collar will be maintained in its buttoned position by the head engaging externally on the outer collar-tab. As thus conditioned the part constituting the shank, &c., can partake of the shifting movements of the collar-tab without transmitting any objectionable movement to the base. Furthermore, the slight convexity of the latter

permits it to lie comparatively smooth and contributes to avoid discomfort to the wearer.

Having now described my invention, what I claim as new, and desire to secure by Letters
5 Patent, is—

In a collar-button, the combination with an integrally-formed member comprising a concavo-convex base having L-shaped spring-bearing ears formed of semicircular portions
10 cut and partially turned up from the base and having holes therein forming bearings, of an integrally-formed pivoted member compris-

ing a head, a narrow neck and an enlarged butt having laterally-projecting trunnions engaging and turning in the bearings in the
15 spring-ears and formed of narrow sections of metal curled up, substantially as described.

Signed at Chicago, in the county of Cook and State Illinois, this 11th day of September, A. D. 1903.

EDWARD J. BARIL.

Witnesses:

HARRY EMMONS,
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