

No. 721,203.

PATENTED FEB. 24, 1903.

H. LANDMAN.
COLLAR BUTTON.

APPLICATION FILED FEB. 24, 1902.

NO MODEL.

Fig. 1.

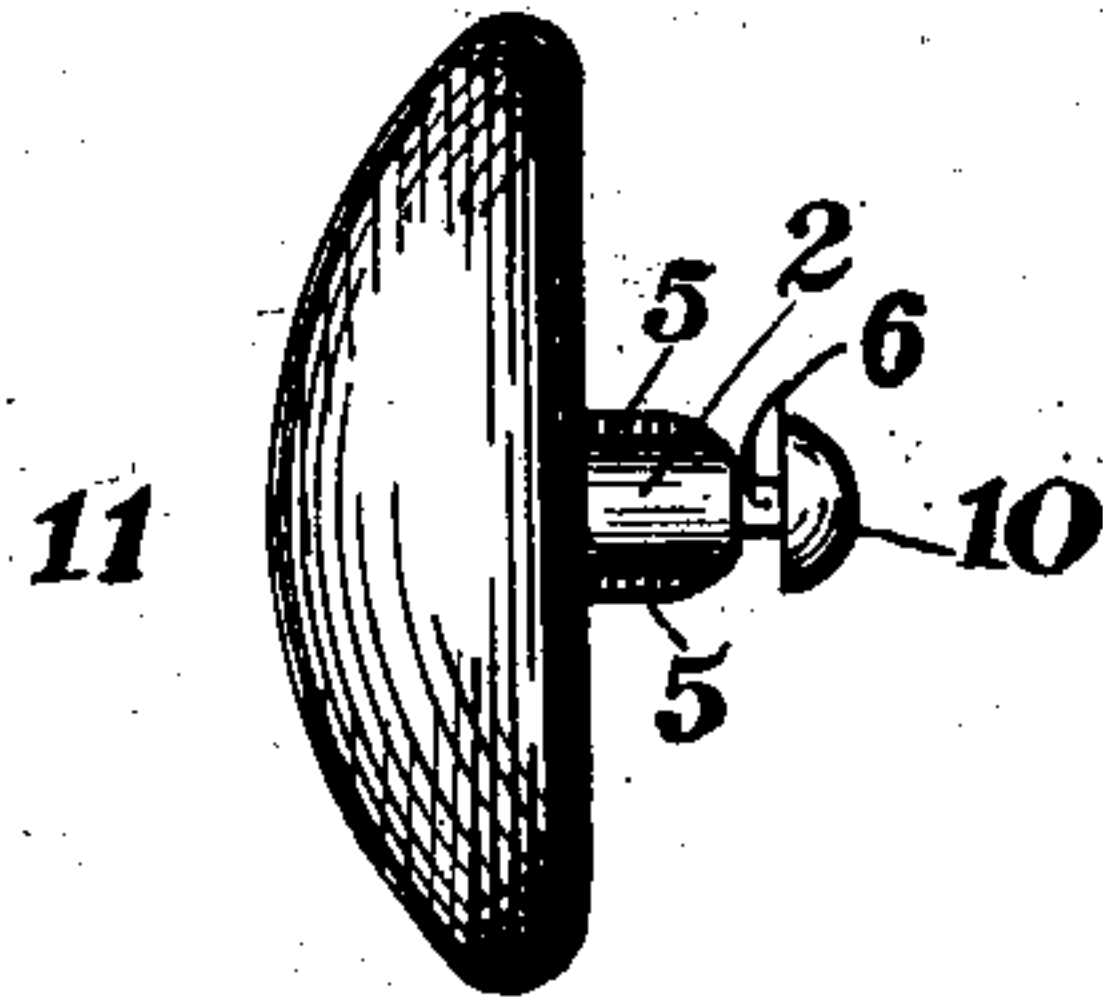


Fig. 2.

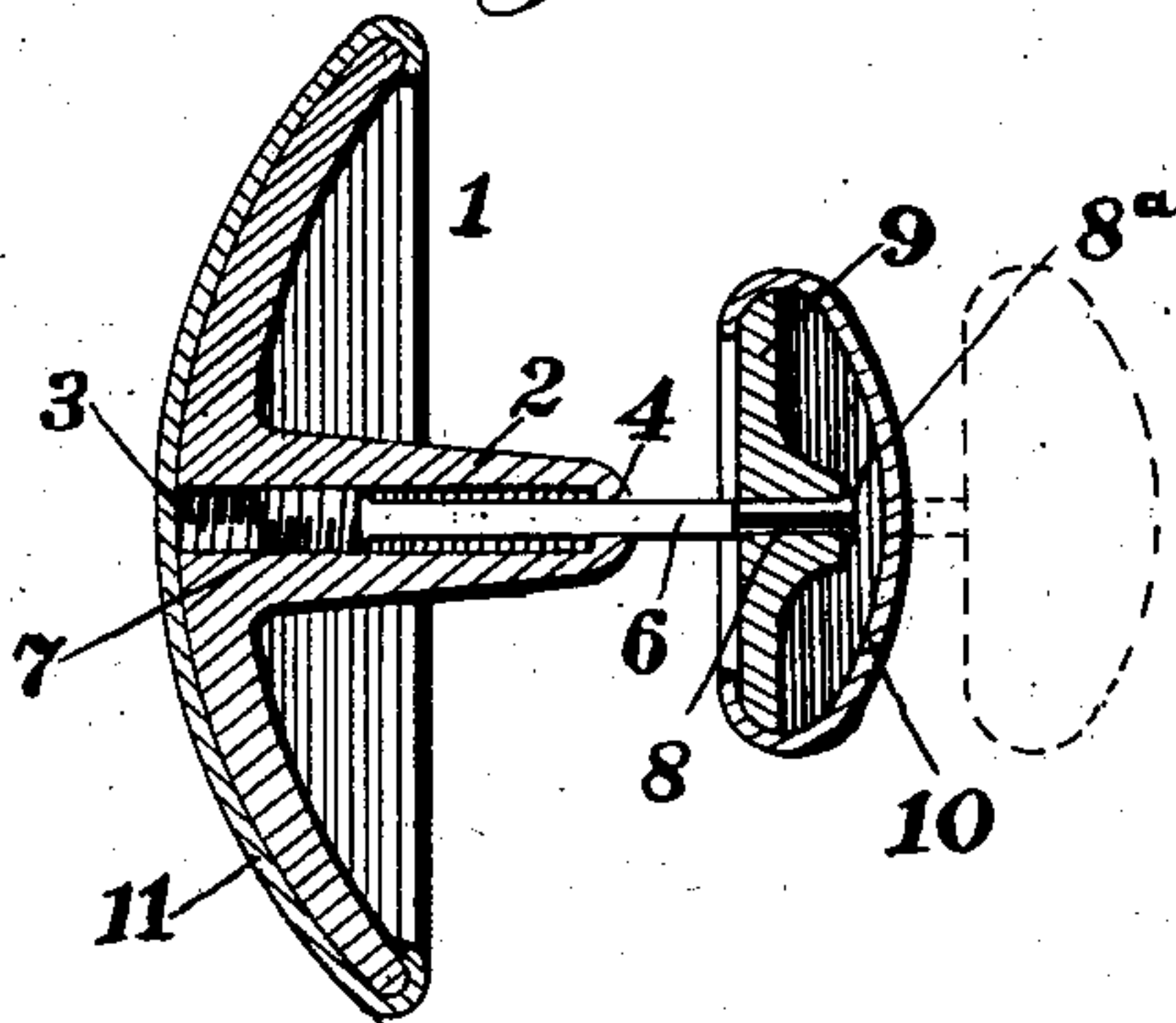
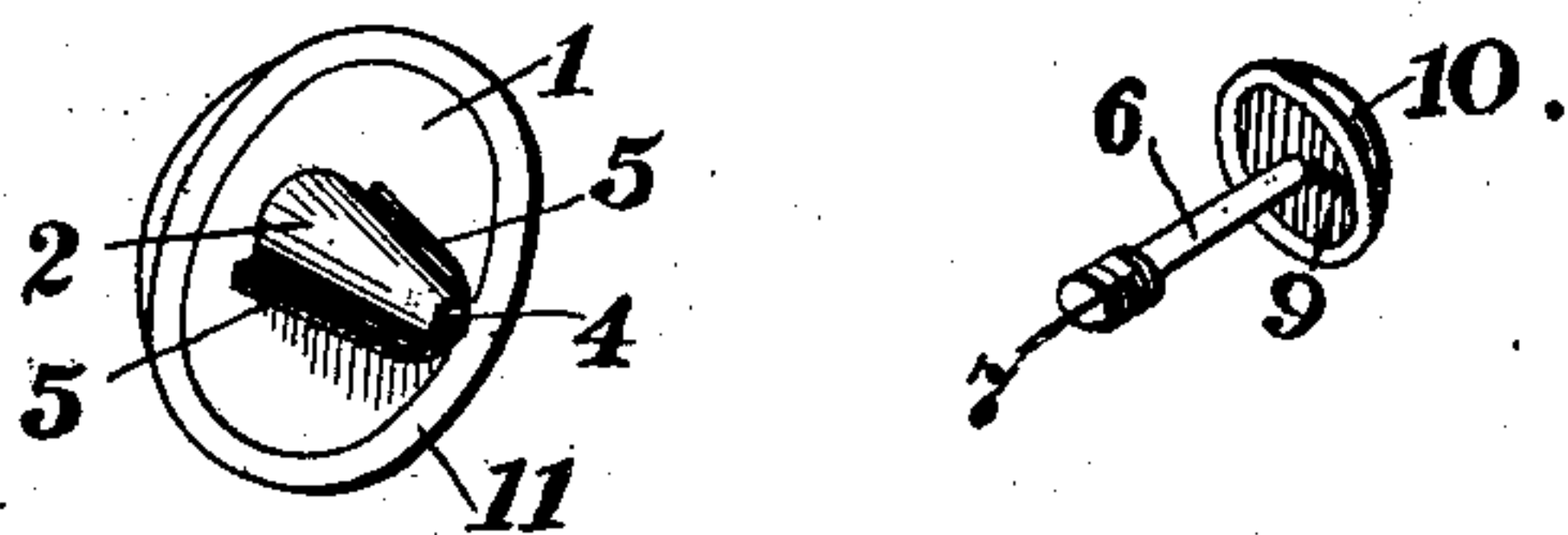


Fig. 3.



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UNITED STATES PATENT OFFICE.

HERMAN LANDMAN, OF KANSAS CITY, MISSOURI.

COLLAR-BUTTON.

SPECIFICATION forming part of Letters Patent No. 721,203, dated February 24, 1903.

Application filed February 24, 1902. Serial No. 95,447. (No model.)

To all whom it may concern:

Be it known that I, HERMAN LANDMAN, a citizen of the United States, residing at Kansas City, in the county of Jackson and State of Missouri, have invented certain new and useful Improvements in Collar-Buttons, of which the following is a specification.

My invention relates to extensible collar-buttons; and my object is to produce a button of this character adjustable to properly accommodate the number of folds or thickness of the articles secured together by it—that is to say, a collar-button which may be shortened when used at the back of the neckband and lengthened for use upon the sleeves or at the front of the neckband, where there are a greater number of folds than at the back of said neckband.

With this object in view the invention consists in certain novel and peculiar features of construction and combinations of parts, as hereinafter described and claimed, and in order that it may be fully understood reference is to be had to the accompanying drawings, in which—

Figure 1 represents an edge view of a collar-button embodying my invention. Fig. 2 represents a central vertical section of the same. Fig. 3 represents detached perspective views of the base and head of the button equipped with their respective stems.

In the said drawings, 1 designates the base of the button, the same being preferably of circular form and concavo-convex construction. Integrally formed with and projecting centrally from the concave side of the base is a tubular stem 2 of slightly-tapering or conical formation. The bore or passage of this stem also extends through the base 1, and from the rear side of the latter almost to the extreme front end of the stem said bore or passage is threaded, as at 3. The bore or passage forward of the threaded portion is smooth and of slightly-reduced diameter, so as to form a bearing, as at 4, for a purpose which presently appears, and in this connection it should be stated that this bearing is preferably provided by drilling through the stem, though it is obvious that it may be formed by crimping or bending inwardly the front end of the stem. To prevent the base turning after the stem is once projected

through the button hole or holes of the garment, I provide a pair of radial wings 5, projecting externally from the stem at diametrically opposite points.

6 designates the movable member of the stem, the same fitting snugly in bearing 4 and having its rear end slightly enlarged and threaded, as at 7, and engaging the threaded bore or passage 3. At its front end said stem is of angular form in cross-section, as at 8; but such portion does not exceed the diameter in the preferred construction of the round portion 6, and in said preferred construction said stem is secured in place by inserting it through the hole in the base until the angular end projects through and beyond the front end of stem 2, when it is grasped and turned until threads 7 take into threads 3.

The button may be provided with any desired type of head, an elongated head being shown. This head by preference consists of the back-plate 9, having a hole secured upon the angular portion of the stem, so as to be incapable of turning thereon, and then the extremity of such angular portion of the stem is preferably riveted or upset, as at 8^a. The head is completed, preferably, by securing on the back-plate 9 the hollow cap 10. Where the bearing 4 is produced by crimping inwardly the front end of said stem, it is obviously unnecessary that the angular end 8 should be as small as the round portion 6, because in this case said stem may be screwed into the tubular stem 2 without first passing through base 1. It is to be understood also that the particular construction of the head described is unimportant, as said head may be of the solid or any other preferred type. After the parts are once assembled, as shown in Figs. 1 and 2, it is impossible to disengage them without first removing the head or the base, and therefore destroying the button beyond repair outside of a repair-shop.

Before plating or otherwise coating the button with the gold or other precious metal it is necessary or at least desirable to close the opening in the base, and I prefer to close it by means of a solid or plated shell 11, of gold or other metal, the edges of the shell being bent inwardly around the edges of the base and upon the concave side of the latter, as shown clearly in Figs. 2 and 3. The button

may now be plated or otherwise coated without danger of welding the threads of the stems together, and thus interfering with their rotative action and the extending or contracting of the height of the button. I contemplate making the latter in such proportion that when the stem 6 is screwed completely into stem 2 the head will bear against the front end of the last-named stem. The button is then arranged as intended to be used to receive two folds of a shirt or other garment.

To be used in the neckband or in the sleeves to receive detachable cuffs, the height of the button is preferably increased by properly turning the head to move it away from the base, and the button is designed to have sufficient adjustment to accommodate at least four folds between the head and the base.

From the above description it will be apparent that I have produced an extensible collar-button embodying the features of advantage enumerated as desirable and which is also of simple, strong, durable, and cheap construction, and while I have illustrated and described the preferred embodiment of the

same it is to be understood that it is susceptible of change in some particulars without departing from its spirit and scope or sacrificing any of its advantages.

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

In a collar-button, the combination with a base, and a tubular stem projecting integrally therefrom, the bore of the latter extending completely through the base and being threaded throughout its length save at its front end which is reduced and smooth, and a shell secured over the back of the base and closing said bore; of a head, and a solid stem projecting therefrom through and closely fitting said smooth portion of the bore, the rear end of this stem being enlarged and threaded to engage the threads within such bore, all constructed as and for the purpose set forth.

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

HERMAN LANDMAN.

Witnesses:

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G. Y. THORPE.