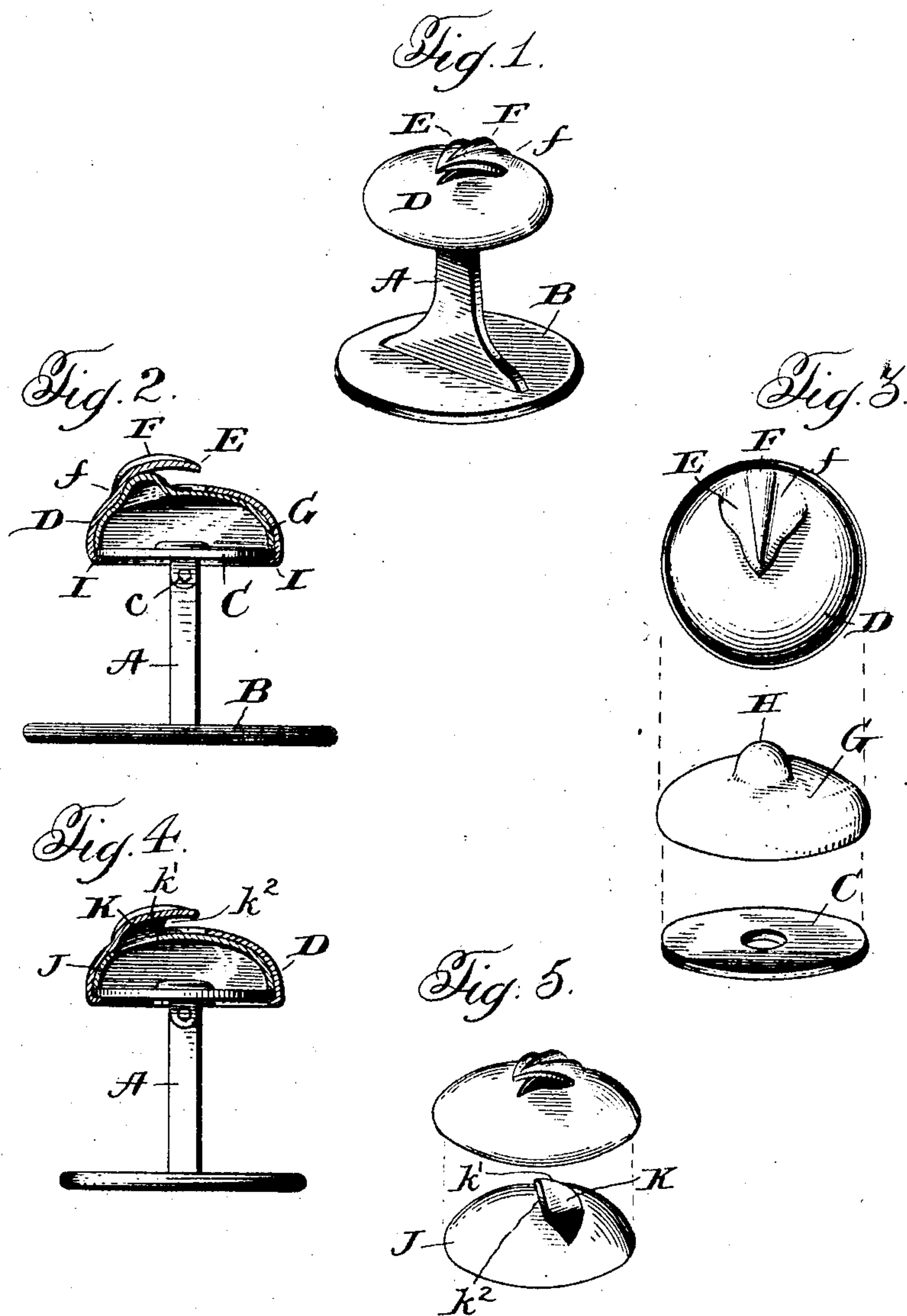


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PATENTED OCT. 31, 1905.

J. C. BAKER.
COLLAR BUTTON AND NECKTIE HOLDER.
APPLICATION FILED OCT. 27, 1904.



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UNITED STATES PATENT OFFICE.

JOSEPH CORRY BAKER, OF PUEBLO, COLORADO.

COLLAR-BUTTON AND NECKTIE-HOLDER.

No. 803,461.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, JOSEPH CORRY BAKER, a citizen of the United States, residing at Pueblo, in the county of Pueblo and State of Colorado, have invented certain new and useful Improvements in a Collar-Button and Necktie-Holder, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention relates to improvements in collar-buttons, and has for its object the provision of a device of this character capable of performing the ordinary functions of a collar-button in a satisfactory manner and having a sharp-pointed projection or pin operatively associated with its head and arranged to penetrate the material of a necktie to retain the same in place upon a wearer.

A convenient embodiment of the invention embraces a structure wherein a sharp-pointed projection or pin is struck up from and projects slightly in advance of the outer surface of the main portion of the head and into position to engage a tie.

The invention further comprehends the employment of a reinforce mounted within the head and arranged to strengthen and render more stable as well as prevent collapsing of the sharp-pointed projection or pin.

The above, as well as other novel details in the construction and arrangement of the several parts of a practical device made in accordance with my invention, will be apparent from the detailed description hereinafter given when read in connection with the accompanying drawings, forming part hereof and wherein the before-mentioned convenient embodiment of the invention is illustrated.

In the drawings, Figure 1 is a perspective view of the collar-button. Fig. 2 is a view, partly in elevation and partly in section, of the device shown in Fig. 1, the head being shown in section. Fig. 3 is a perspective view of the device, the several portions of the head being separated. Fig. 4 is a view similar to Fig. 2 of a slightly-modified form of the device, and Fig. 5 is a view similar to Fig. 3 of the device shown in Fig. 4.

Referring more specifically to the drawings, wherein like reference characters refer to corresponding parts in the several views, A designates the shank of a collar-button, which may be of any desired cross-section, the preferred form being a flat shank, as shown. B represents the ordinary rounded or circular base, and C the plate at the opposite end of the

shank, upon which the head is usually formed. This plate (and consequently the whole head) may be rigid with the shank or hinged thereto to permit the head to turn upon into a position parallel with the shank for more convenient insertion through a buttonhole, it being obviously unnecessary to further go into details of this hinged feature, inasmuch as the idea is a very ordinary one.

Upon the plate C is secured the head D, which in the present instance is made of sheet metal slightly hollowed and secured to the plate C by an annular flange I turned therebeneath, a form of collar-button head structure and head-fastening now in common use. E is a sharp-pointed projection or pin struck up from substantially the central portion of the head D and spaced from the outer surface thereof sufficiently to enable the sharp-pointed projection or pin to engage a necktie and retain the same in place, it being understood that the sharp-pointed projection or pin occupies a plane extending at substantially right angles to the side of the shank A. It is to be noted that owing to the position of the sharp-pointed projection or pin and the manner in which the same is integral with and struck up from the head D a smooth surrounding marginal portion of the head is provided, whereby there are no abrupt corners or projecting parts to catch upon the buttonhole of the collar or neckband and interfere with the ready insertion of the collar-button in its place, with the resultant wear and tear on said buttonholes. The sharp-pointed projection or pin just referred to is formed with a centrally-disposed rib F to prevent the same from bending, and the juncture of the same with the part of the head remaining intact is rounded, as at *f*, Figs. 1 and 2, whereby the same may pass freely through a buttonhole.

It is desirable that some means be provided to prevent collapsing of the sharp-pointed projection or pin E onto the head D, and for this purpose I employ a reinforce G, the same being in the nature of an inverted-cup-shaped sheet-metal disk, preferably of a size to closely fit the interior of the head D and to rest upon the inner surface of the plate C, by which arrangement the disk is firmly held in proper relation to the other parts of said head. The disk G is bulged outwardly or enlarged at a proper point, preferably to one side of its center, to constitute a brace H, the same projecting through the opening in the head provided by the removal of that portion thereof

forming the sharp-pointed projection or pin and bearing against the under surface of the inner end of the sharp-pointed projection or pin, whereby the bending of the pin at its point of juncture with the head is prevented. The sharp-pointed projection or pin will therefore be maintained in continual operative position.

Instead of utilizing the disk G, defined as the "reinforcing medium," I may employ a disk J having a rib K struck out therefrom, said rib having a rounded outer edge K' to abut the ribbed portion of the sharp-pointed projection or pin on the head D and a receding inner edge K², permitting adequate penetration of the sharp-pointed projection or pin into the material of the tie.

From the employment of equivalents herein suggested it is apparent that changes and alterations may be made in the device herein disclosed without departing from the spirit of the invention.

Having thus described the invention, what is claimed as new, and desired to be secured by Letters Patent, is—

1. In a collar-button having a sheet-metal head, a shank, and a necktie-holding device struck up from substantially the central portion of and integral with the head and extending at right angles to the side of the shank, said head having a smooth marginal portion surrounding the struck-up holding device.

2. A collar-button having a sheet-metal head formed with a sharp-pointed projection or pin struck up therefrom, said sharp-pointed projection or pin being formed with a thin longi-

tudinally-disposed and reinforcing rib projecting outwardly and adapted to oppose the outward bending tendency of the pin.

3. A collar-button having a sharp-pointed projection or pin struck up from its head and a reinforcing device for the sharp-pointed projection or pin arranged therebeneath.

4. A collar-button provided with a sharp-pointed projection or pin struck up from its head, and a reinforcing device for said sharp-pointed projection or pin arranged therebeneath and inclosed by said head.

5. A collar-button having a sharp-pointed projection or pin struck up from its head and a reinforcing device for the sharp-pointed projection or pin arranged therebeneath and comprising a disk having an outwardly-projecting member disposed in juxtaposition to the sharp-pointed projection or pin.

6. A collar-button having an integral struck-up relatively thin projecting necktie-engaging portion and a reinforcing device therefor arranged therebeneath and bearing against the under surface of said projecting portion.

7. A collar-button having a necktie-engaging projection carried by the head thereof and a reinforcing device therefor also carried by the head having a projecting portion contacting with the under surface of said projection and running longitudinally thereof.

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

JOSEPH CORRY BAKER.

Witnesses:

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