

No. 679,157.

Patented July 23, 1901.

J. W. McAULIFFE.

COLLAR BUTTON.

(Application filed June 20, 1900.)

(No Model.)

Fig. 1.

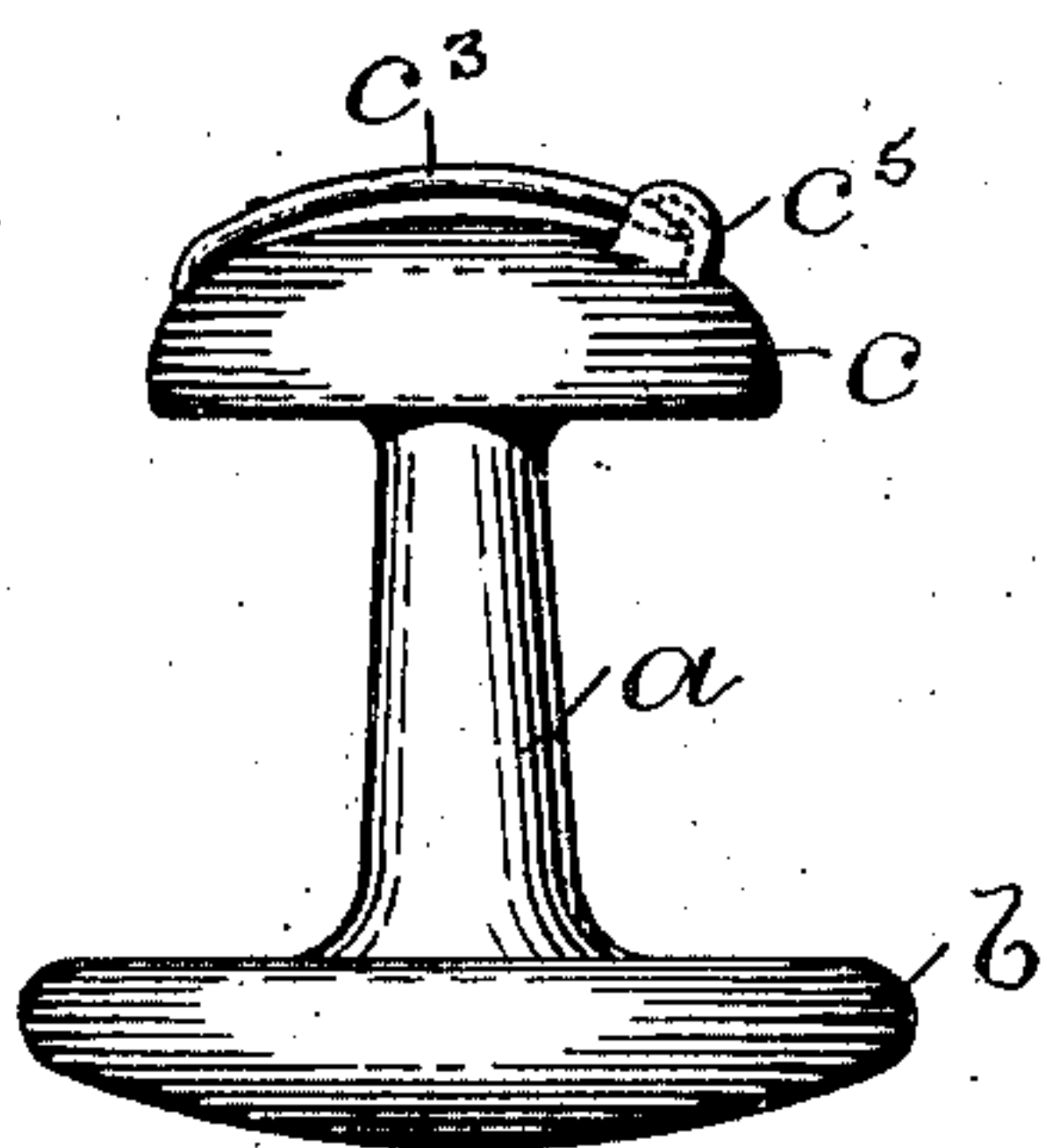


Fig. 2.

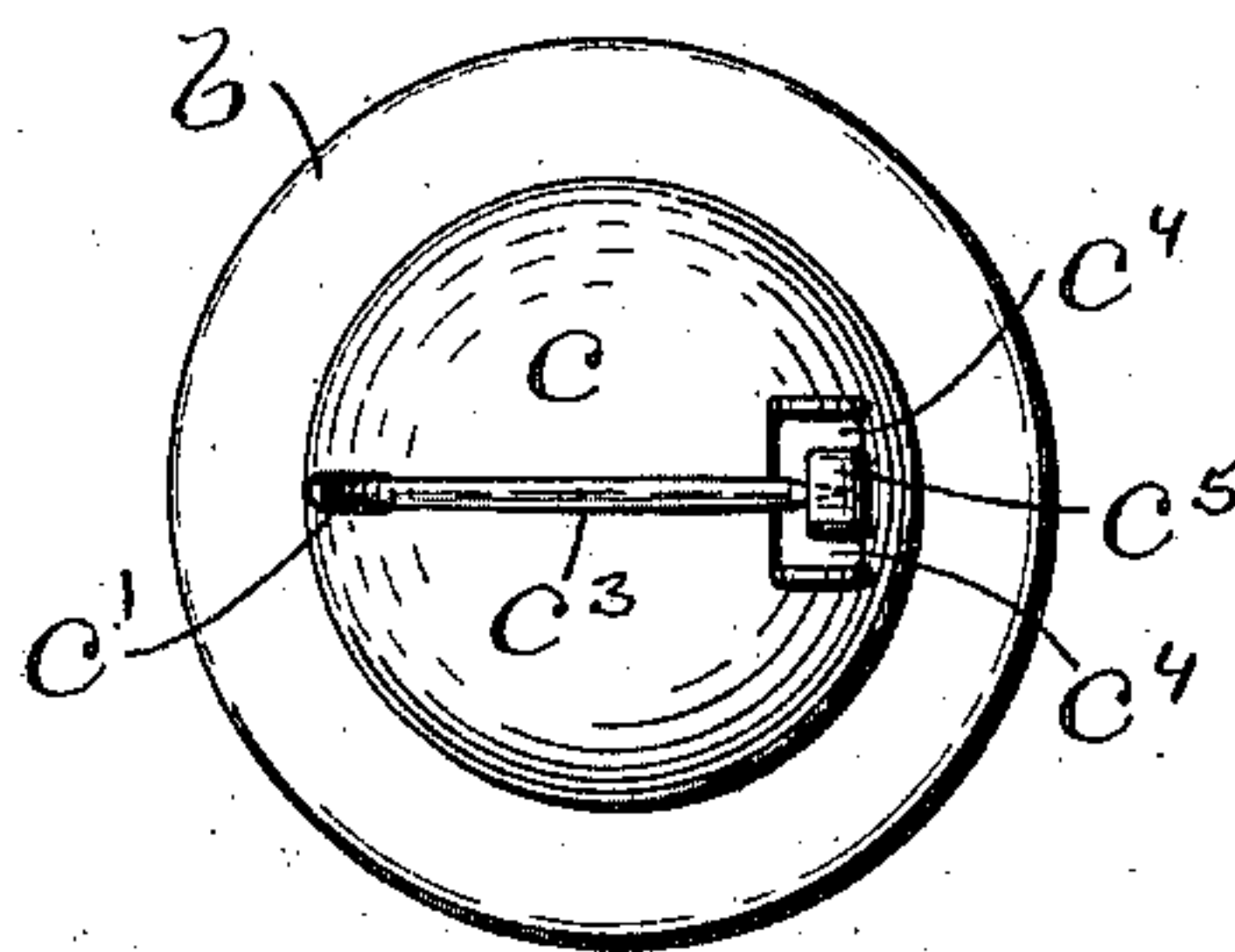


Fig. 3.

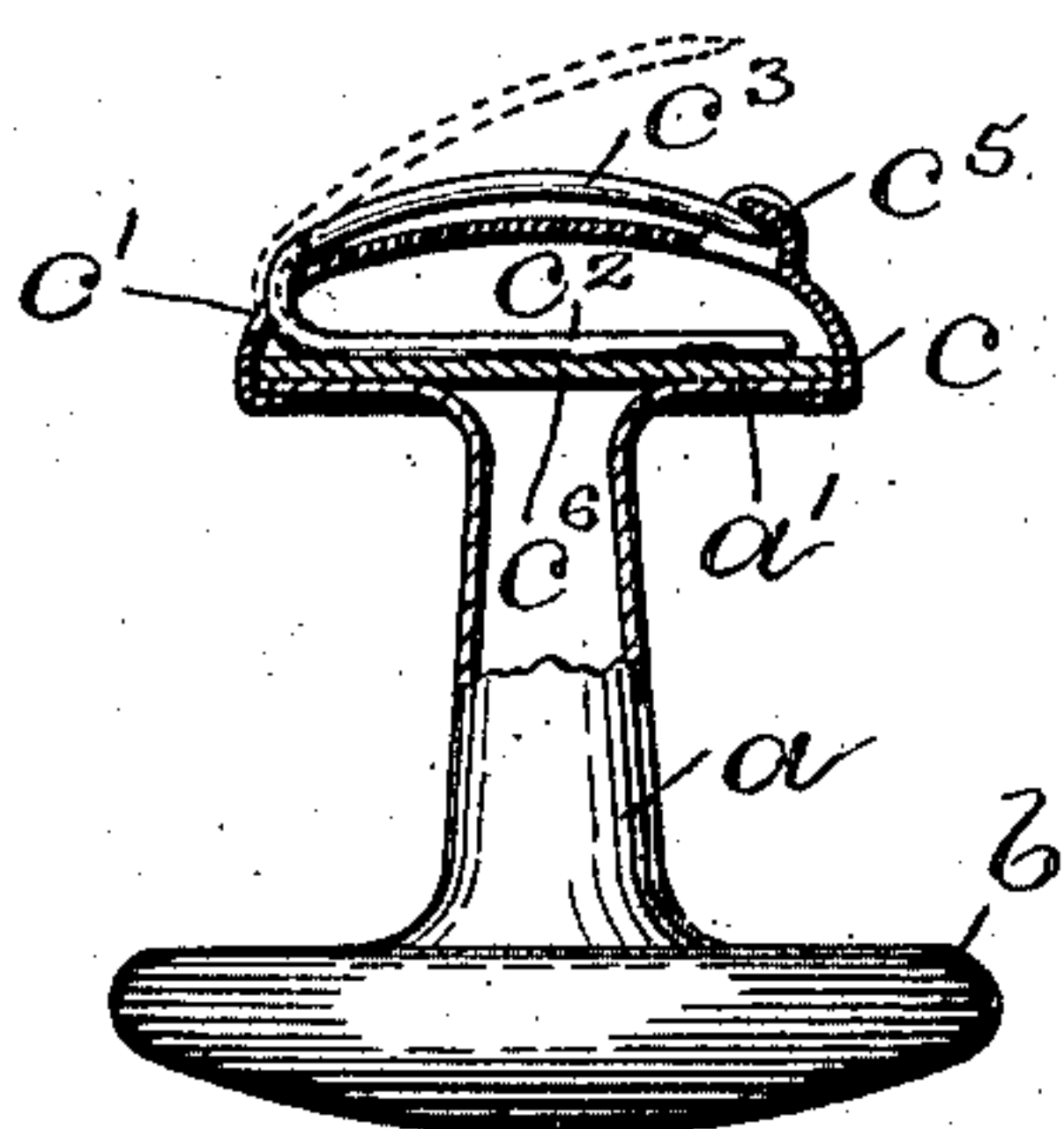
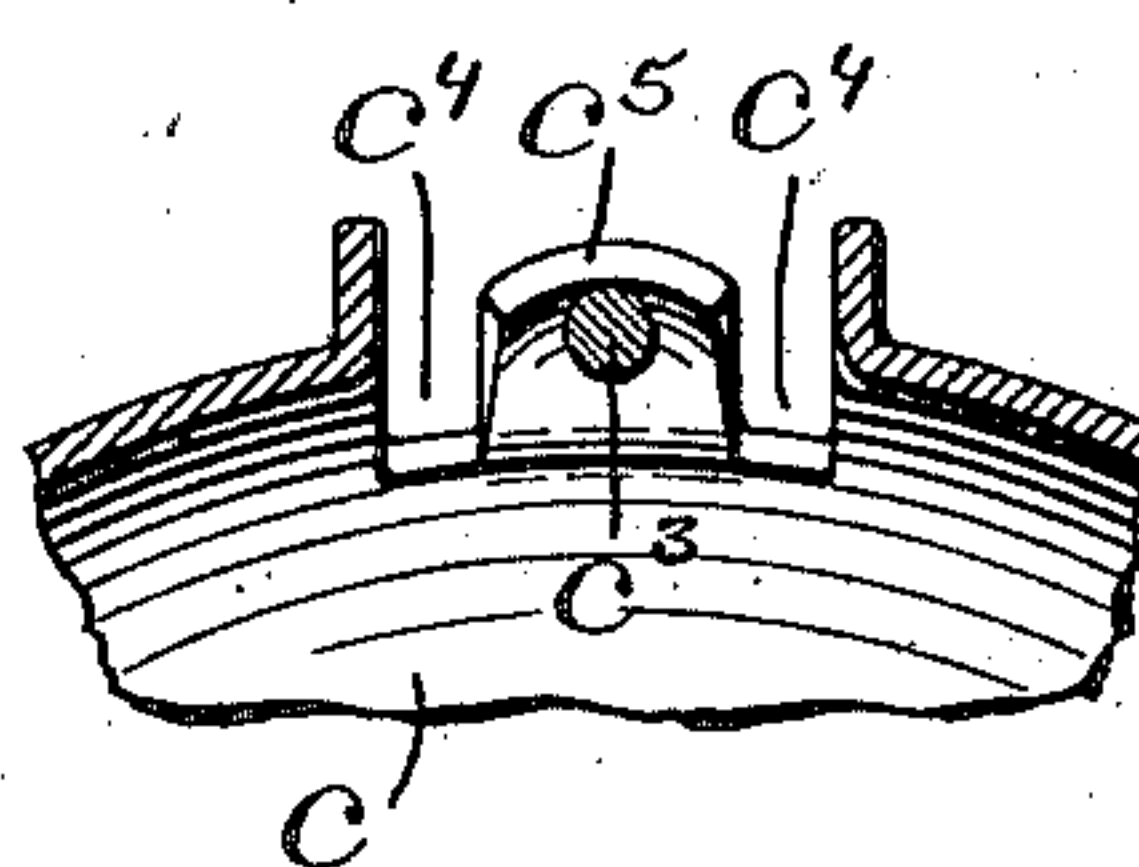


Fig. 4.



WITNESSES:

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COLLAR-BUTTON.

SPECIFICATION forming part of Letters Patent No. 679,157, dated July 23, 1901.

Application filed June 20, 1900. Serial No. 20,961. (No model.)

To all whom it may concern:

Be it known that I, JOHN W. MCAULIFFE, a citizen of the United States, residing at Providence, in the county of Providence and State of Rhode Island, have invented a new and useful Improvement in Collar-Buttons, of which the following is a specification.

This invention has reference to an improvement in collar-buttons; and it consists in the peculiar and novel construction and the combination of parts whereby a spring-pin is secured to the head of the button for the purpose of fastening the necktie or scarf to the collar-button, as will be more fully set forth hereinafter.

Figure 1 is a side view of a collar-button containing my invention. Fig. 2 is an end view of the same. Fig. 3 is a side view, partly in section, showing the construction of the head of the collar-button, the pin, and the safety device for protecting the point of the pin. Fig. 4 is a transverse sectional view of part of the head of the button, showing the construction of the safety-latch protecting and holding the pointed end of the pin.

In the drawings, *a* indicates the shank of the collar-button, *b* the shoe, and *c* the head of the collar-button. In the construction of this collar-button the end of the shank is flanged outward to form the annular flange *a'*. The head is formed of sheet metal, which is stamped in a die to give it its convex or spheroidal form. In making this head I stamp out a hole *c'* near the peripheral edge of the head for the reception of the wire *c*², forming part of the spring-pin *c*³, and also punch out the slots *c*⁴ *c*⁴ and raise the convex shield *c*⁵, which forms the safety-fastening for the end of the spring-pin *c*³. In securing this

head to the shank I place the disk *c*⁶ on the annular flange *a'* and secure the wire *c*² to the disk, preferably by solder, and then roll or burnish the edges of the head *c* under the annular flange *a'* to secure the head to the shank. When the safety-pin is to be used, a slight pressure on the pin permits the point to be moved laterally to one or the other of the slots *c*⁴, when the pin, being released, will assume the position shown in broken lines in Fig. 3. The necktie may now be secured on the pin *c*³. A slight pressure on the pin carries it through one of the slots *c*⁴, and under the concavo-convex shield *c*⁵, thereby locking the pin and protecting the point against injury.

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

The combination with the shank of a collar-button having the annular flange *a'*, of the disk *c*⁶, the wire *c*² secured to the disk, the spheroidal head *c* formed of sheet metal and perforated to form the opening *c'* for the insertion of the wire *c*², the slots *c*⁴ *c*⁴, the concavo-convex safety-shield *c*⁵, integral with the sheet metal of the head, and the spring-pin *c*³, formed integral with the wire *c*², whereby the pin is flexibly connected with the head and adapted to secure the wearing-apparel to the head while the point of the pin is covered, as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

JOHN W. MCAULIFFE.

Witnesses:

J. A. MILLER, Jr.,
B. M. SIMMS.