

No. 815,055.

PATENTED MAR. 13, 1906.

C. WEISS.
SEPARABLE BUTTON.
APPLICATION FILED APR. 12, 1905.

Fig. 1.

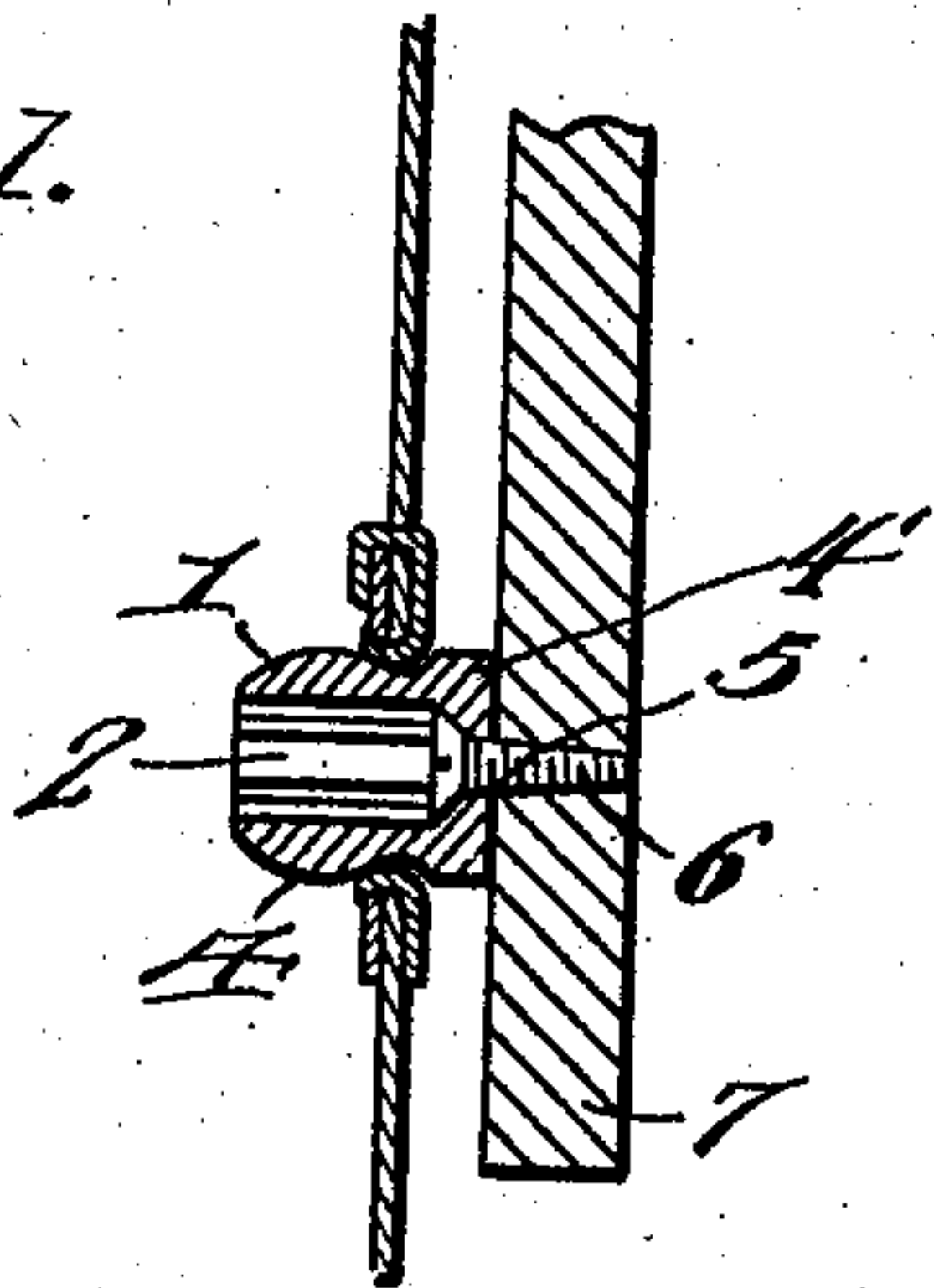


Fig. 2.

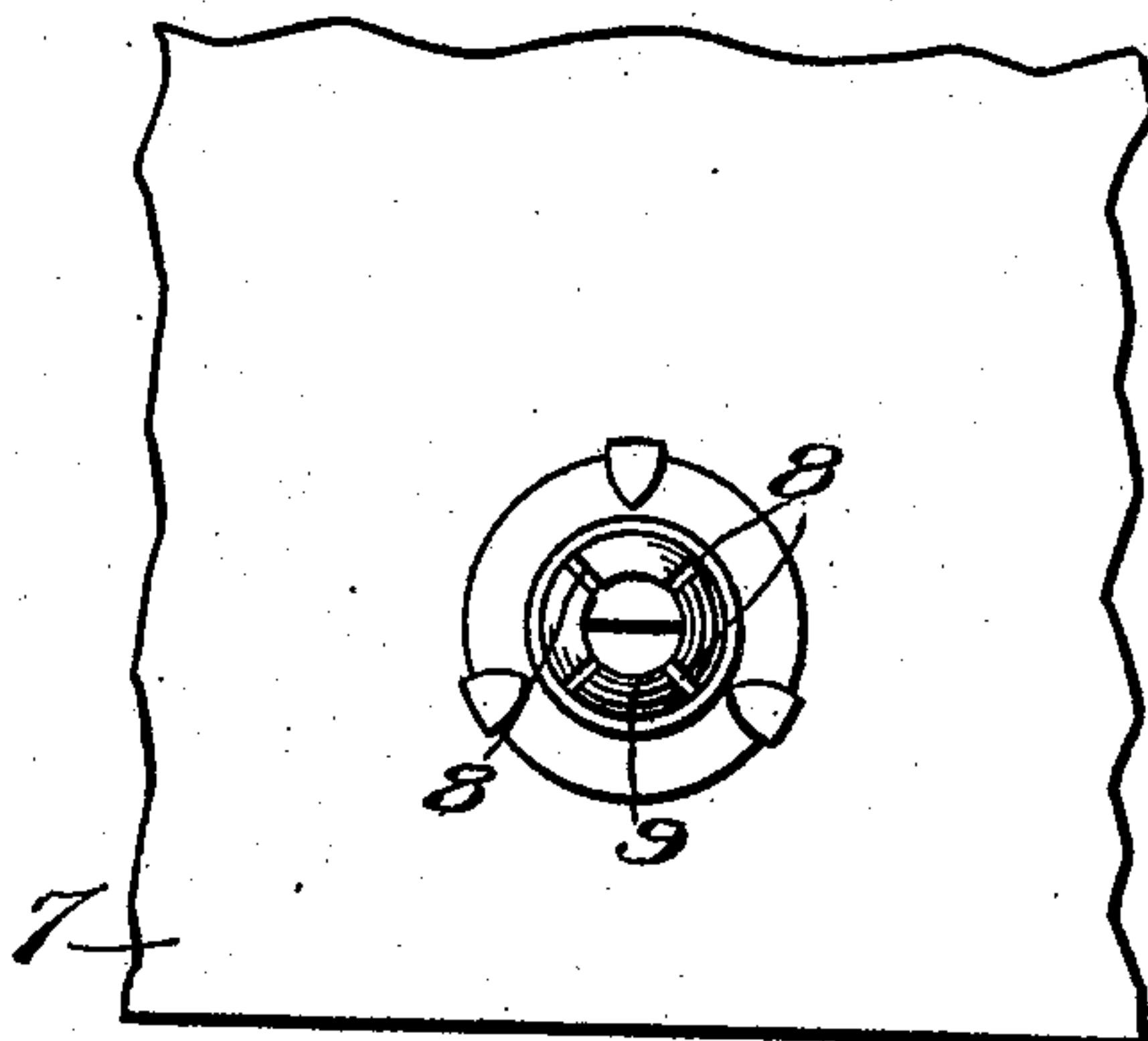


Fig. 3.

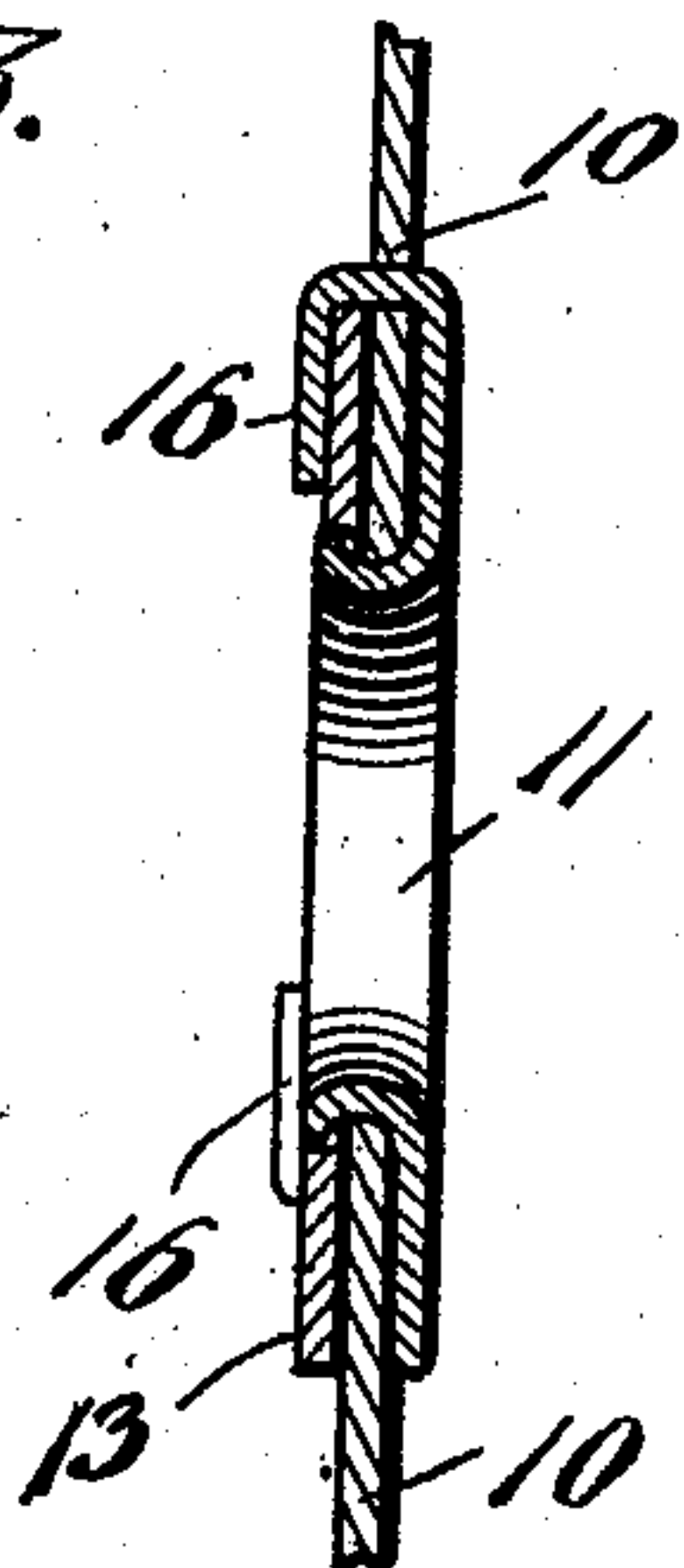


Fig. 4.

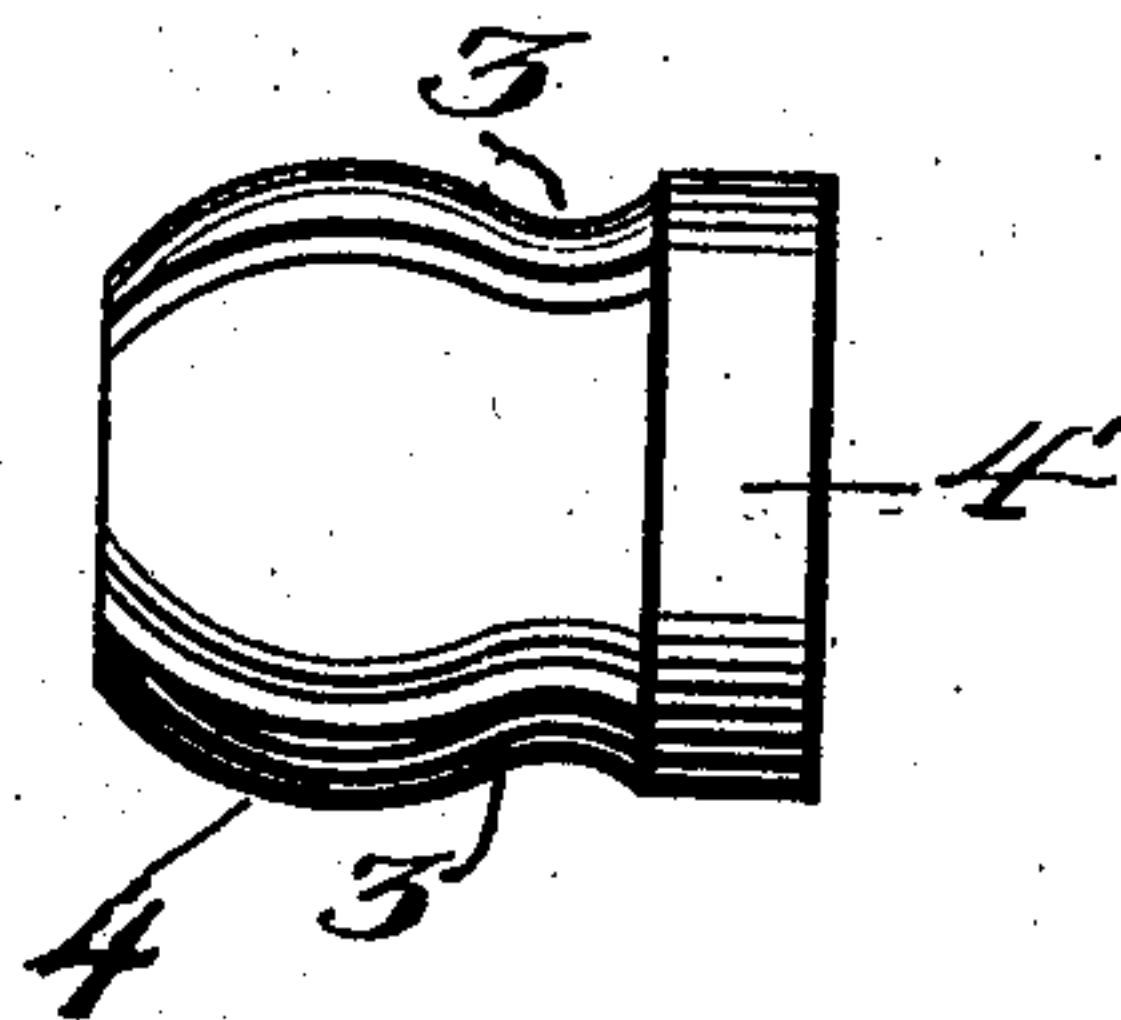


Fig. 5.

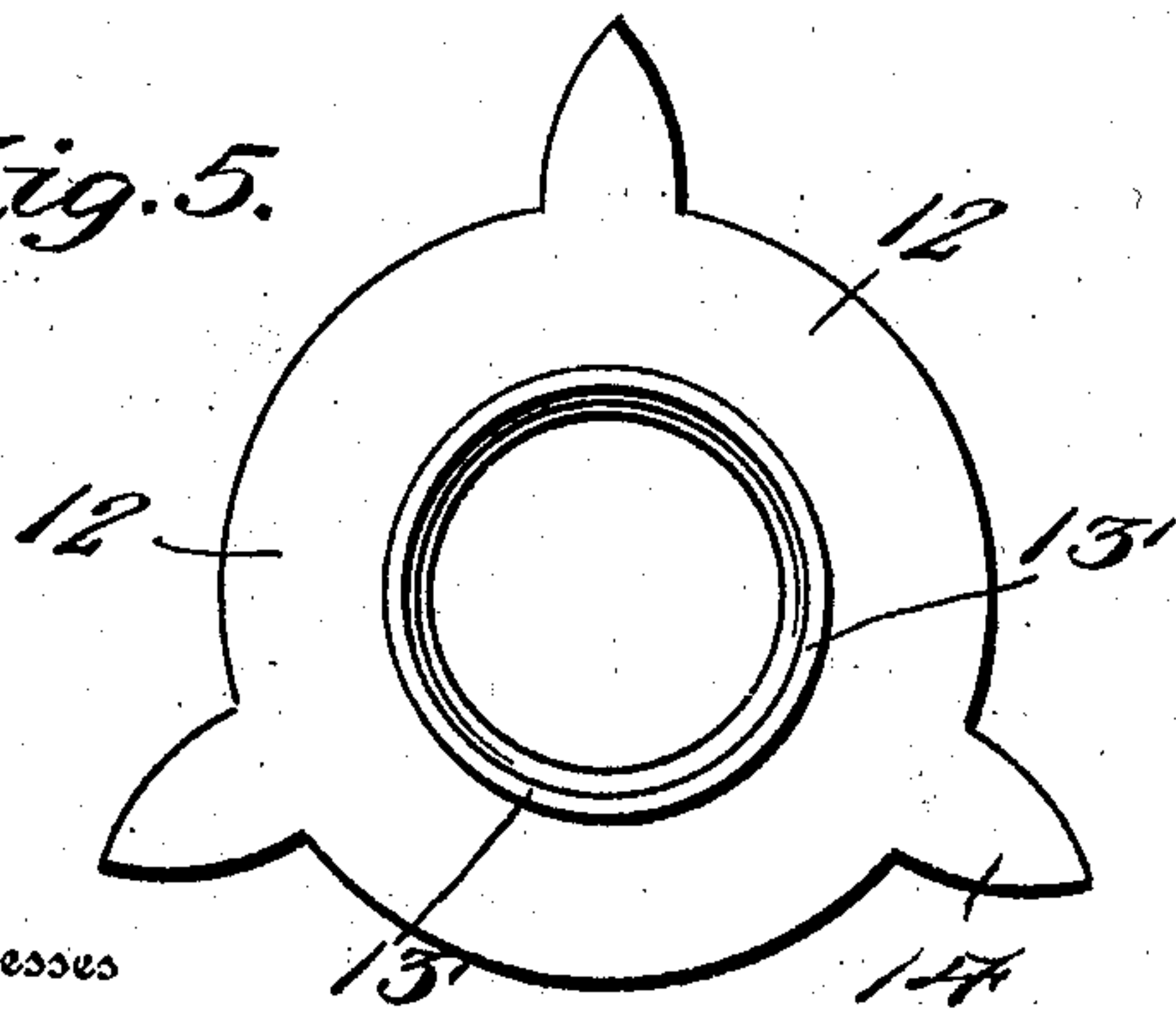
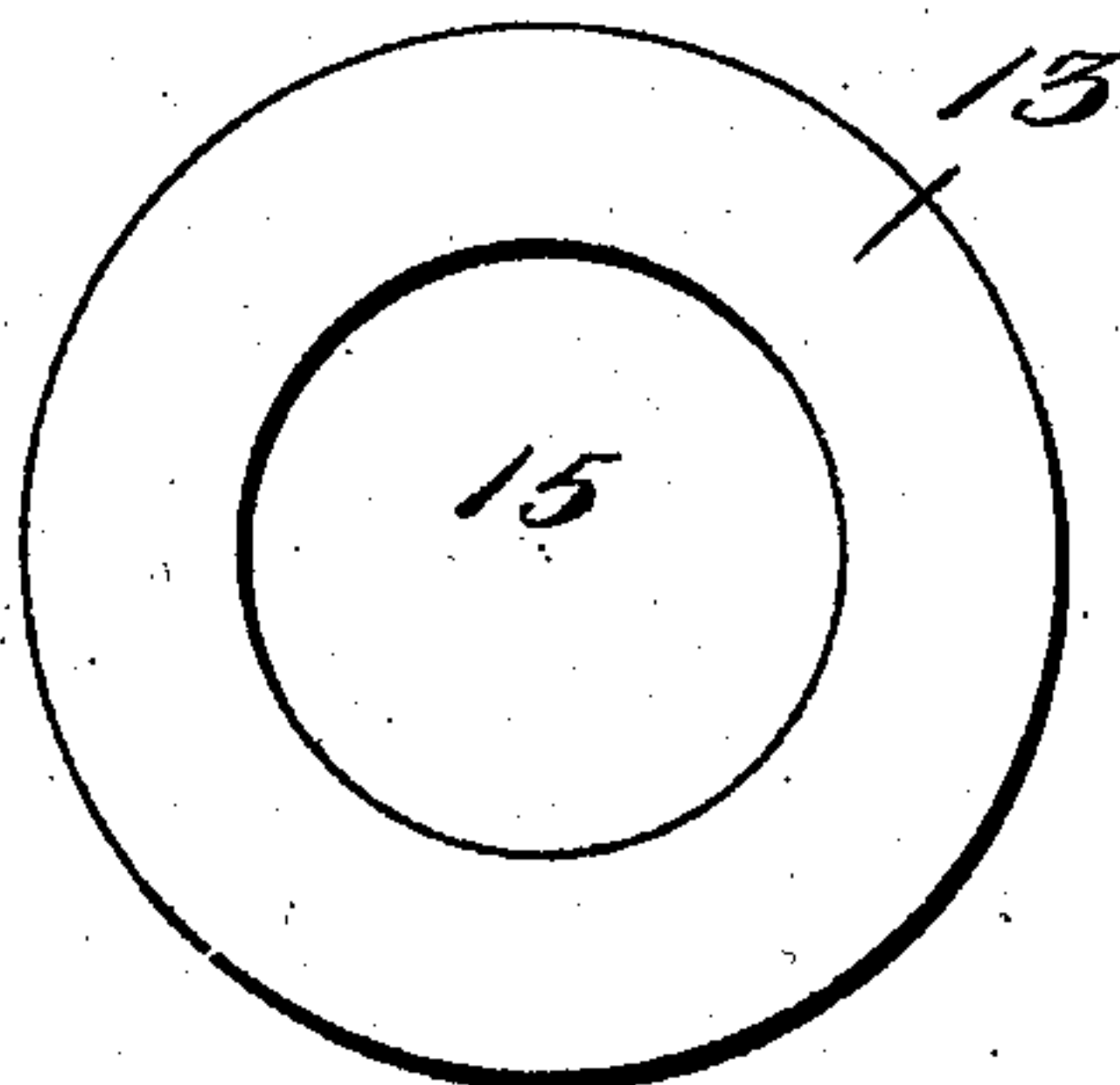


Fig. 6.



Witnesses

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SEPARABLE BUTTON.

No. 815,055.

Specification of Letters Patent.

Patented March 13, 1906.

Application filed April 12, 1905. Serial No. 255,243.

To all whom it may concern:

Be it known that I, CHARLES WEISS, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented new and useful Improvements in Separable Buttons, of which the following is a specification.

This invention relates to separable buttons designed especially for attaching curtains to vehicles, and has for its objects to produce a comparatively simple inexpensive device of this character whereby the curtain will be maintained securely in position, but may be readily removed as circumstances require, one wherein the button or head may be securely attached to the vehicle, and one in which the eye of the curtain may be readily passed onto or removed from the button.

A further object of the invention is to provide an improved form of eye which will be maintained in secure assemblage with the material of the curtain and one in which liability of the eye tearing the material of the curtain in operation is wholly obviated.

With these and other objects in view the invention comprises the novel features of construction and combination of parts more fully hereinafter described.

In the accompanying drawings, Figure 1 is a section through a device embodying the invention and showing the same applied for use. Fig. 2 is a front elevation of the same. Fig. 3 is a section, on an enlarged scale, through one of the eyes, showing the same attached to a curtain. Fig. 4 is an elevation of the improved button or head. Fig. 5 is a plan view of the primary member of the eye. Fig. 6 is a plan view of the secondary member of the eye.

Referring to the drawings, 1 designates a button or head in the form of a hollow body composed of brass or other suitable material and having a central longitudinal opening 2, which extends part way therethrough, and a reduced neck forming a surrounding groove 3, thus producing an enlarged outer engaging portion 4, the outer face of which is of rounded or approximately spherical form, as seen in Figs. 2 and 4. The button 1 is provided with a base 4', having an opening 5, constructed of a smaller size than the opening 2 and communicating therewith, the larger opening permitting of the passage of the head of a screw 6, so that its screw-threaded tang will engage the smaller opening and pass through the same

and be secured to the wall of a vehicle or the bow of the same. The walls of the button or head 1 are slotted at diametrically opposite points, as at 8, to produce spring portions or sections 9, whereby the head as a whole may be contracted diametrically for a purpose which will presently appear.

Secured in the curtain 10 is an eyelet 11, adapted to seat over the head or button 1 for attaching the curtain to the latter. This eyelet is of a diameter equaling the transverse thickness of the head diametrically through the reduced portion or neck 3 of the button, whereby the eyelet will fit snugly upon the latter within the reduced neck, it being understood that owing to the walls of the button being slotted, as at 8, to permit relative compression of the sections 9 the eyelet may be readily seated upon or removed from the button.

The eyelet in accordance with my invention preferably comprises a primary member 12 and a secondary member 13, the member 12 having a central flange 13' struck therefrom to marginally surround the central opening of the eyelet and is provided with marginally-projecting spurs or teeth 14, arranged at appropriately-spaced intervals around the periphery of the member 12, while the secondary member 13, which is of annular form and struck from sheet metal, has a central opening 15 of a diameter equaling that of the flange 13' and adapted in practice to fit over the latter, the prongs or teeth 14 being first bent at right angles to the member 12 to pierce the material of the curtain 10 and thereafter folded downward, as at 16, upon the outer face of the member 13, as seen clearly in Fig. 3. It will be observed in this connection that the eyelet is firmly engaged with the curtain 10 and that liability of the latter being torn through strain upon the eyelet in practice is wholly obviated.

From the foregoing it is apparent that I produce a simple efficient device admirably adapted for the attainment of the ends in view, it being understood that minor changes in the details herein set forth may be resorted to without departing from the spirit of the invention.

Having thus fully described the invention, what is claimed as new is—

A button comprising a hollow head with a central opening and with a rounded swelled portion and a groove below the same, the

wall of the hollow head having slotted sections, a base-piece having an opening of smaller size than the opening of the head and communicating therewith, said central opening being adapted for the passage of the head
5 of a screw and the smaller opening for the passage of the tang of said screw, said slotted sections serving to be sprung toward each other for the passage of an eyelet over the

head of the button to permit of its engagement with said groove.

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

CHARLES WEISS.

Witnesses:

ROBERT R. PEGRAM,
L. C. GRANDSIER.