

No. 665,660.

Patented Jan. 8, 1901.

M. W. JONES.

BUTTON.

(Application filed Oct. 6, 1900.)

(No Model.)

Fig. 1.

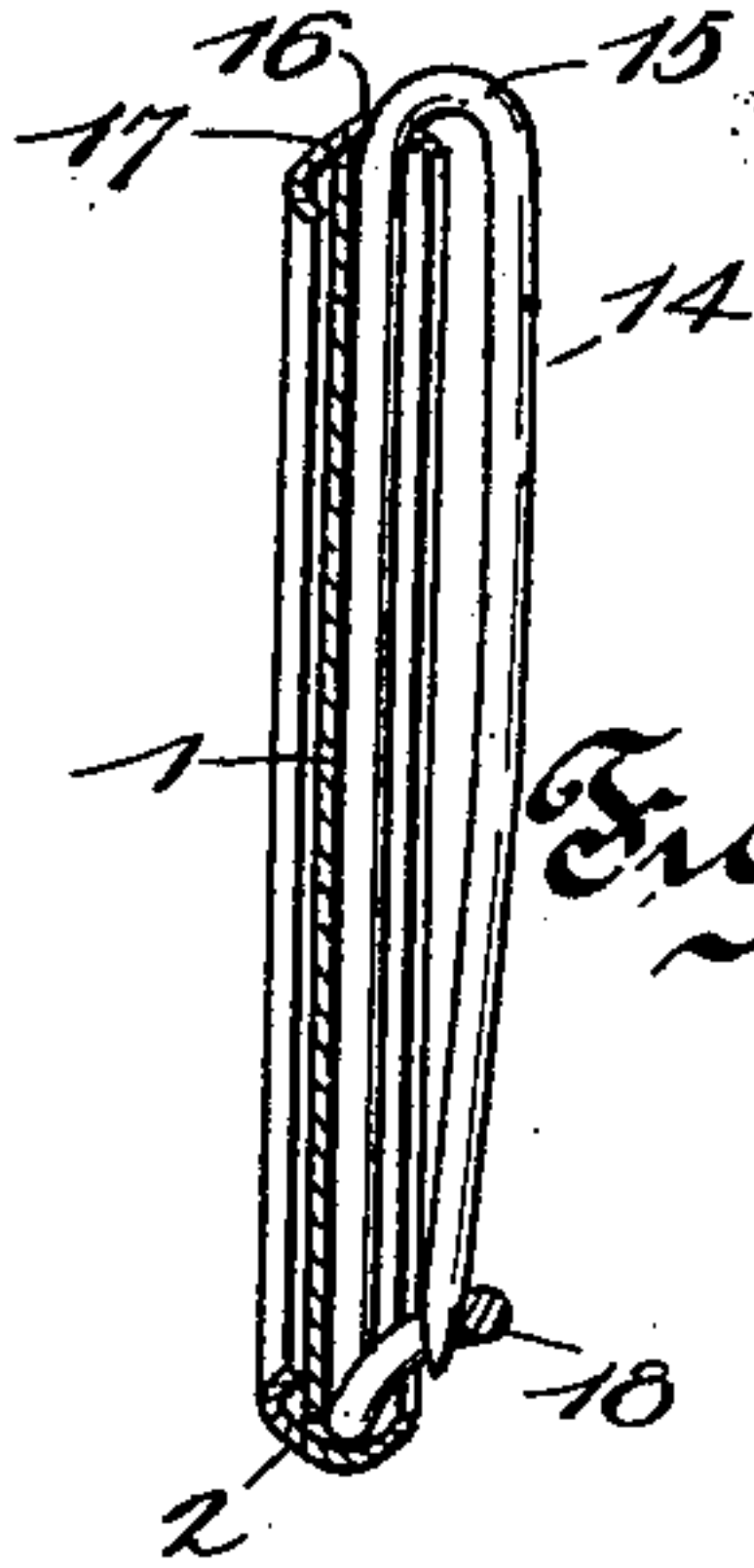
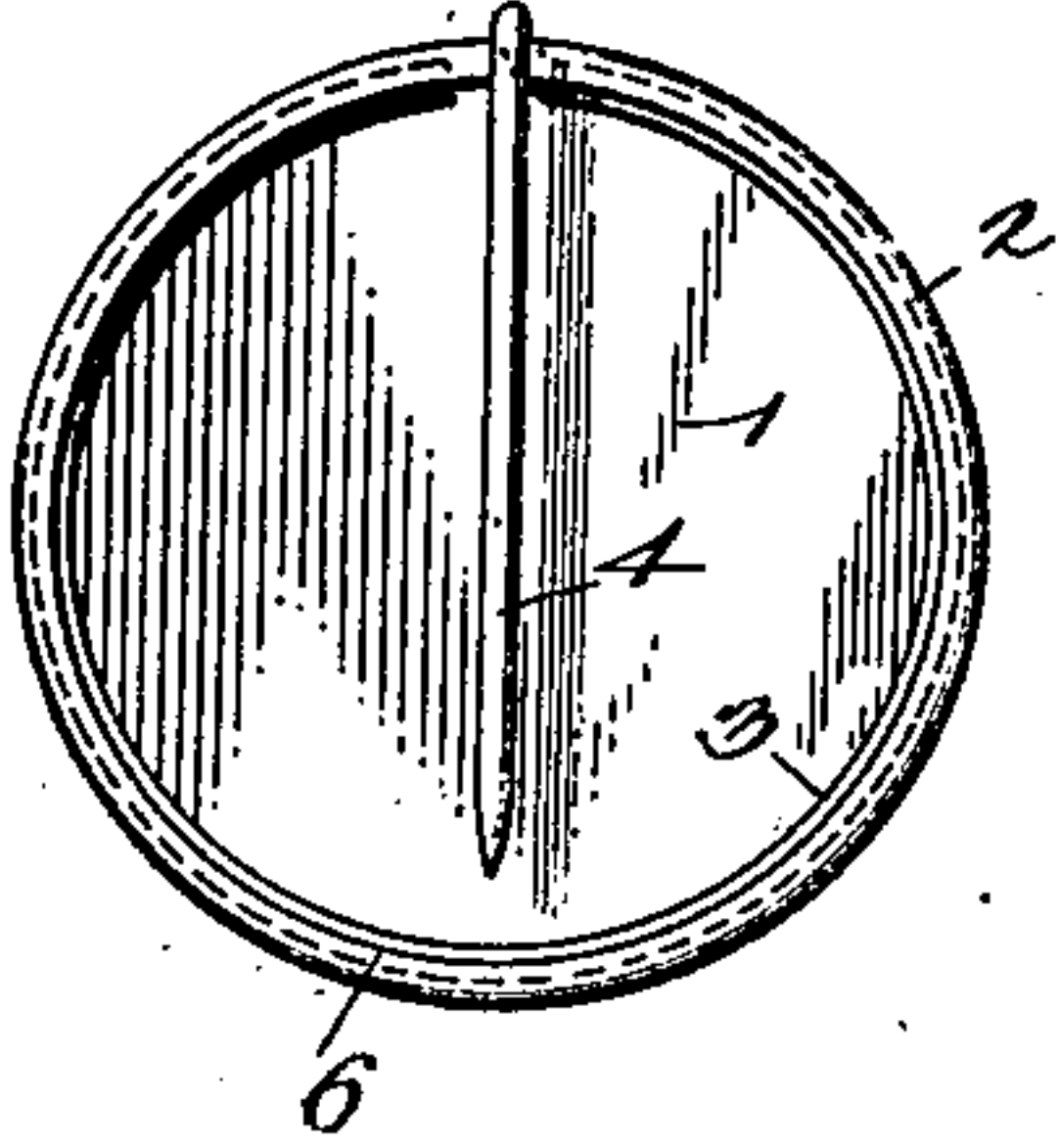


Fig. 2.

Fig. 10.

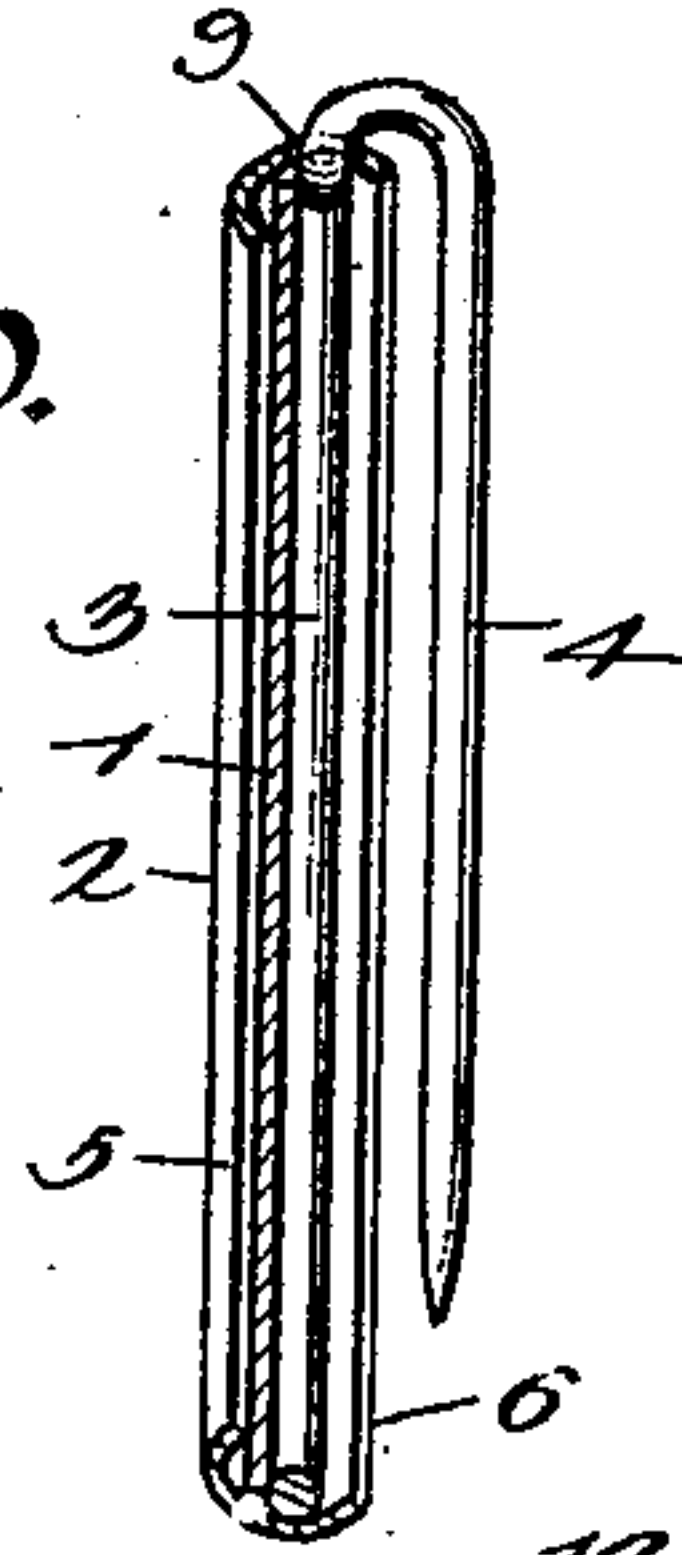


Fig. 8.

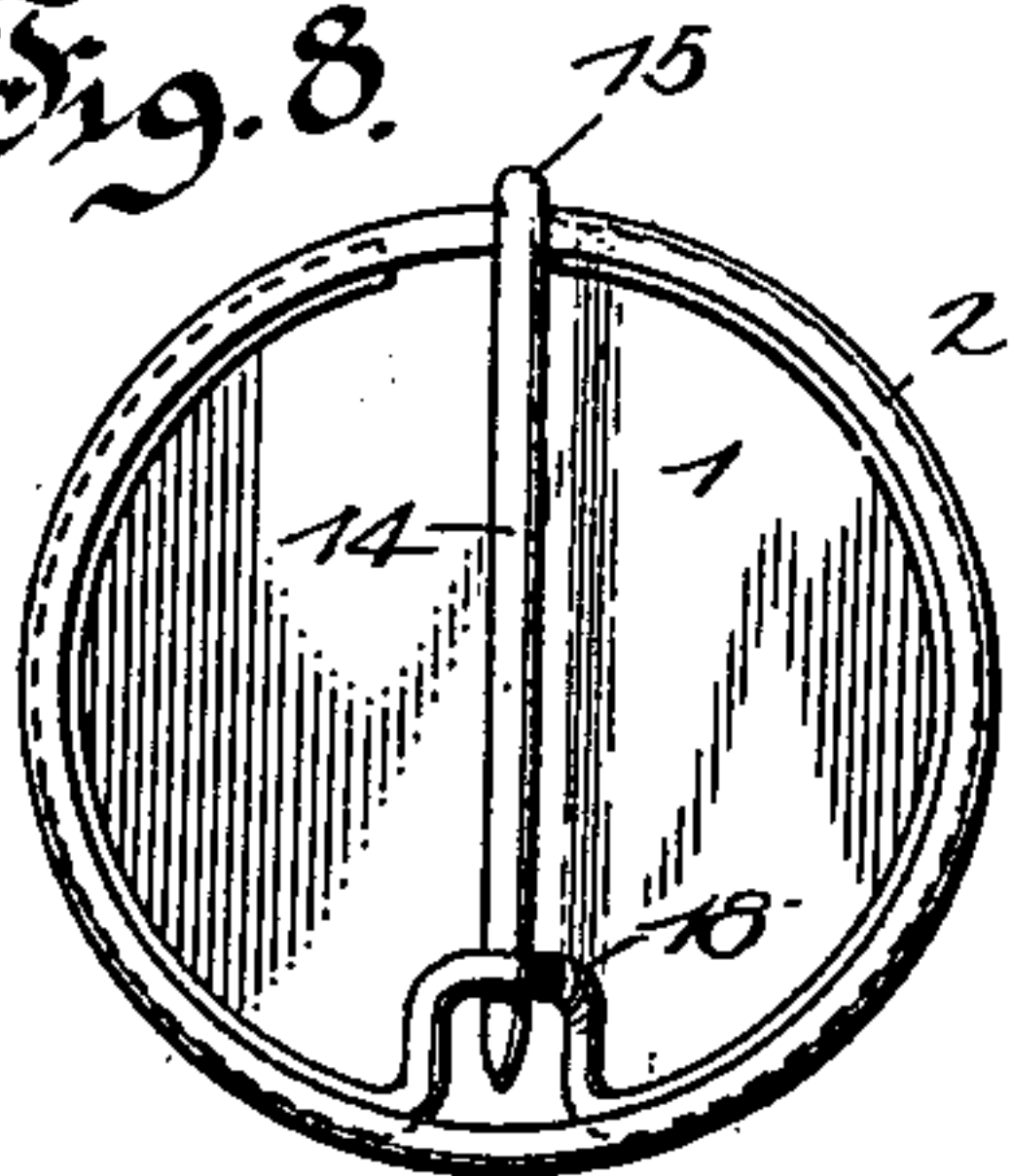


Fig. 3.

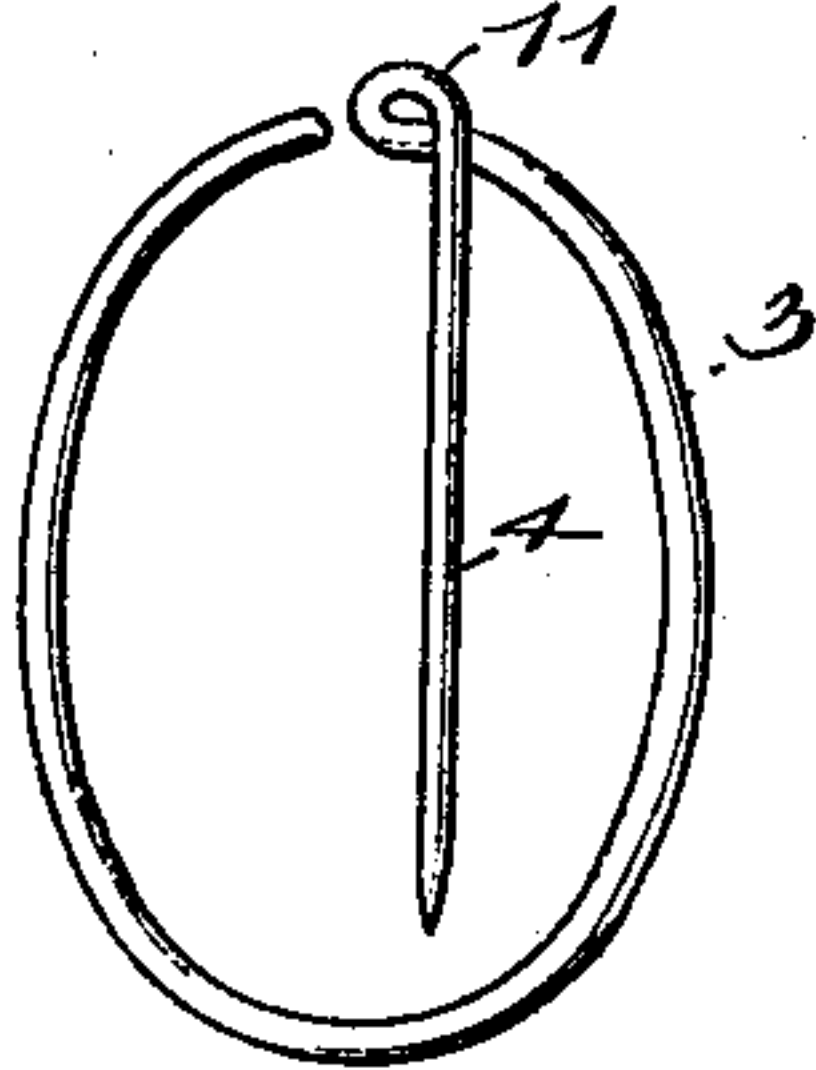


Fig. 9.

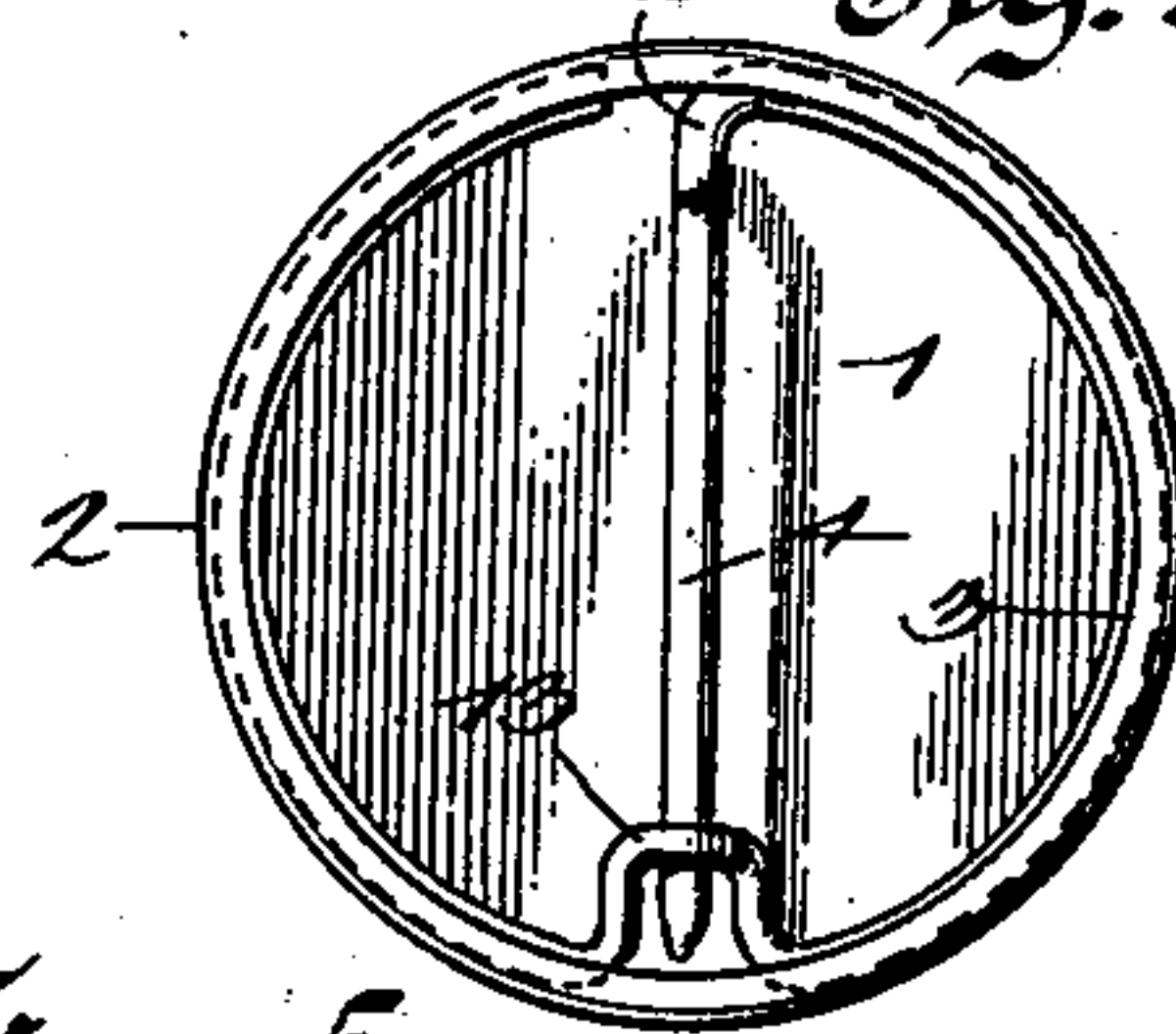


Fig. 5.

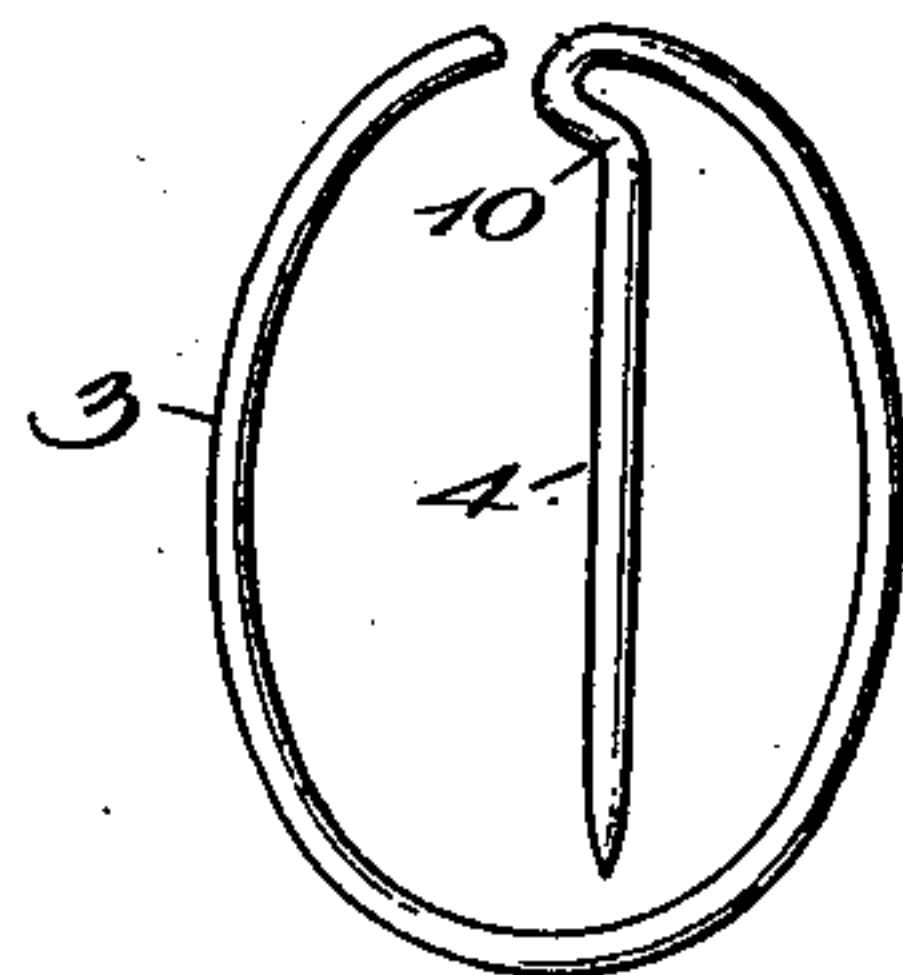


Fig. 4.

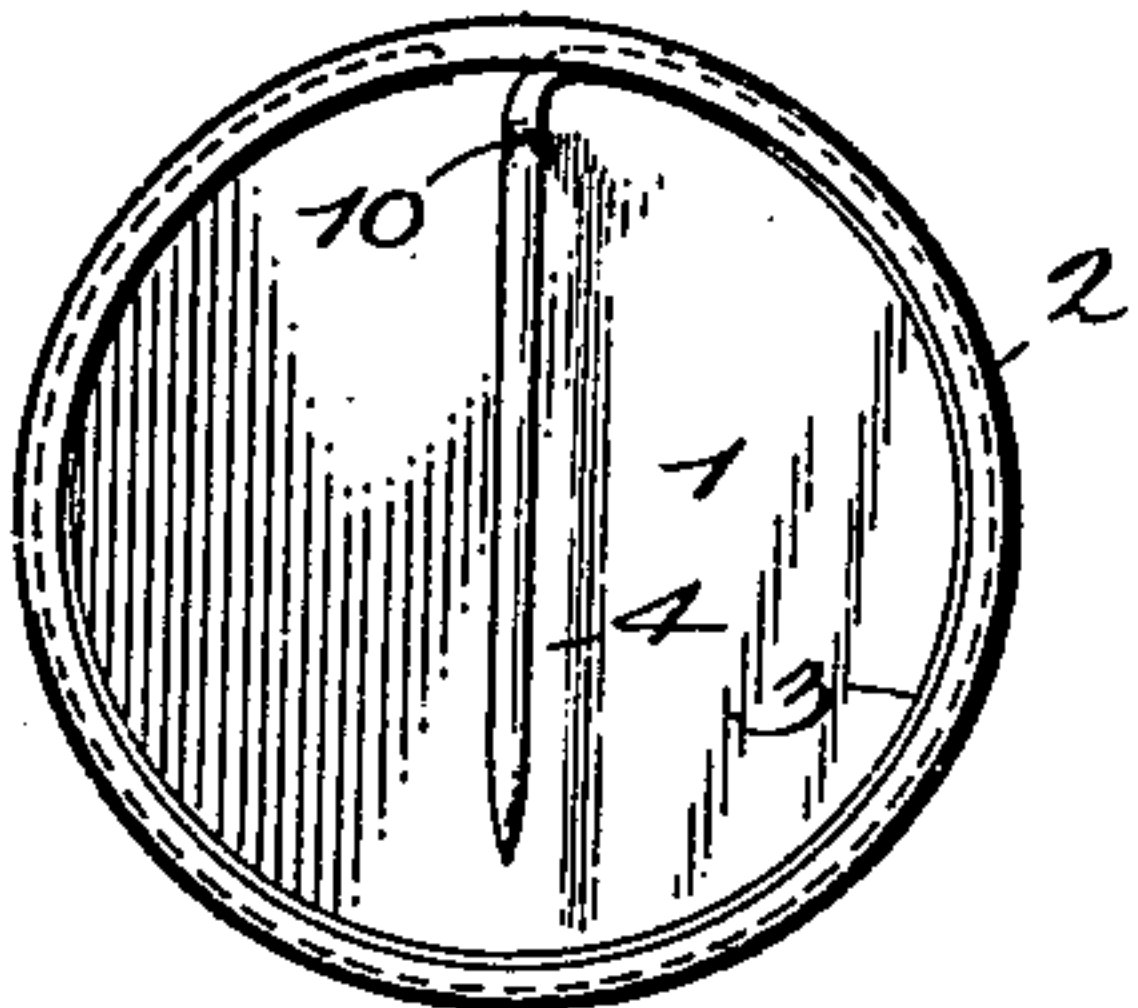


Fig. 6.

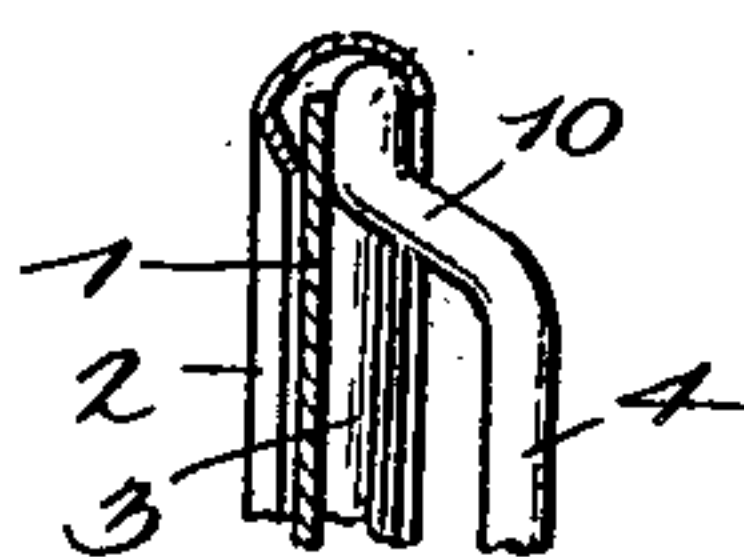
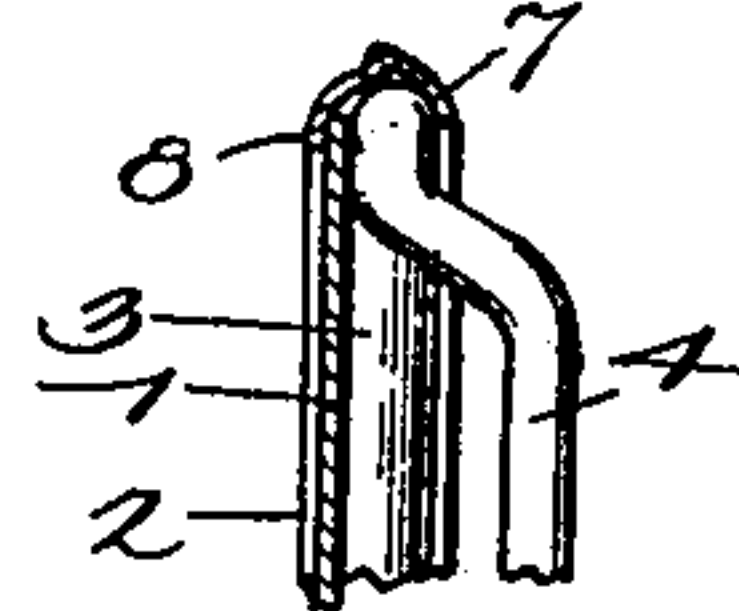


Fig. 7.



Witnesses

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UNITED STATES PATENT OFFICE.

MYRON W. JONES, OF HILLSDALE, MICHIGAN.

BUTTON.

SPECIFICATION forming part of Letters Patent No. 665,660, dated January 8, 1901.

Application filed October 6, 1900. Serial No. 32,256. (No model.)

To all whom it may concern:

Be it known that I, MYRON W. JONES, a citizen of the United States, residing at Hillsdale, in the county of Hillsdale and State of Michigan, have invented a new and useful Button, of which the following is a specification.

The invention relates to improvements in buttons.

The object of the present invention is to improve the construction of that class of buttons adapted to receive a photograph or the like and to provide an exceedingly simple and inexpensive one adapted to enable a photograph to be easily placed within it and capable of being quickly assembled.

The invention consists in the construction and novel combination and arrangement of parts hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claims hereto appended.

In the drawings, Figure 1 is a rear elevation of a button constructed in accordance with this invention. Fig. 2 is a vertical sectional view of the same. Fig. 3 is a detail perspective view of the pin and the resilient clamping-ring. Fig. 4 is a rear elevation illustrating a slight modification of the invention. Fig. 5 is a detail view of the spring and clamping-ring thereof. Figs. 6 and 7 are detail sectional views showing different forms of rings. Fig. 8 is a rear elevation of a button having its pin and clamping-ring arranged to form a breastpin or brooch. Fig. 9 is a similar view of a slight modification of the same. Fig. 10 is a sectional view of the form illustrated in Fig. 8.

Like numerals of reference designate corresponding parts in all the figures of the drawings.

1 designates a photograph or picture of the tintype variety cut in the form of a disk and arranged within a rim 2 and secured therein by means of a spring clamping-ring 3 of a pin 4, and the present invention, while adapted for a variety of purposes, is designed primarily for enabling tintype-pictures to be quickly mounted in the form of buttons, and the pin for attaching the button to the apparel of a person may be in the form of a stick-pin, or it may, as hereinafter described, be arranged similar to a breastpin or brooch. The rim 2, which is circular, has a general con-

cavo-convex shape in cross-section to provide an inner groove for the reception of the clamping-ring and the tintype or other device to be held, and the front peripheral edge 5 is of less diameter than the rear peripheral edge 6 to provide a bearing or supporting flange for the tintype. The front peripheral edge may be extended inward at an angle, as illustrated in Fig. 2 of the accompanying drawings, or, as shown in Fig. 7, a rim 7 may be provided having a front edge 8, arranged flat against the face of the tintype at the periphery thereof, and the said rim 7 is preferably provided at a central point between the front and rear edges with an angular annular bend, and the rear portion or edge fits snugly against the resilient clamping-ring of the pin. The rim forms a frame for the picture, which is clamped within it by the ring, which is formed integral with the pin 4, the ring and the pin being preferably constructed of a single continuous piece of spring-wire or other suitable material. The ring extends substantially entirely around the interior of the rim, and one of its ends is connected with the pin by a bend, which may, as illustrated in Figs. 1 and 2 of the accompanying drawings, extend outward through a perforation 9 of the rim, or, as shown in Fig. 4, the bend may be extended in the opposite direction from the bend 11 and pass outward beneath the rear edge or flange of the rim. The outer end of the pin is pointed, and the clamping-ring may be readily sprung into and out of the rim, and when within the same it firmly holds a tintype or other device in position.

Instead of arranging the pin in the form of a stick-pin it may be constructed similar to the pin of a breastpin or brooch, as illustrated in Figs. 8 and 9 of the accompanying drawings. In Fig. 9 of the accompanying drawings the clamping-ring is constructed substantially the same as that shown in Fig. 3, with the exception that it is provided at its bottom or at a point opposite the connecting-bend 12 with a loop 13, which is substantially U-shaped and which forms a keeper for the reception of the outer end of the pin, which is extended for such engagement. The U-shaped loop 13 is extended inward at an angle, and the pin may be readily disengaged from it by depressing the engaging end thereof. In

Fig. 8 of the accompanying drawings the pin 14 has its bend 15 passing outward through a perforation 16 of the rim 17, and the said pin is extended across the back of the button 5 and engages a bend 18, arranged similar to the bend 13. The loops or bends 13 and 18 do not interfere with the assembling of the parts, and a tintype may be quickly framed and mounted in the form of a button and 10 may be provided with either a stick-pin or a pin similar to that of the breastpin or brooch.

It will be seen that the device is exceedingly simple and inexpensive, as it comprises only two parts—viz., a circular rim and a pin 15 having a clamping-ring which is received within the groove formed by the rim and which performs the double function of retaining the tintype or other device in the rim or frame and of securing the pin to the 20 same. It will also be apparent that it will enable a tintype or analogous device to be quickly framed and that the rim and the pin may be constructed of any suitable material, and I desire it to be understood that various 25 changes in the form, proportion, size, and the minor details of construction within the scope of the appended claims may be resorted to without departing from the spirit or sacrificing any of the advantages of this invention. 30

The pin 4 may be made any length, and it may be corrugated or crimped to prevent it from pulling easily out of the fabric, and I desire it to be understood that these and similar 35 changes within the scope of the appended claims may be resorted to without departing from the spirit or sacrificing any of the advantages of the invention.

What I claim is—

40 1. A device of the class described comprising a rim having an interior groove and forming a frame for the reception of a tintype or analogous device, and a pin provided with a resilient clamping device arranged within 45 the groove of the rim and conforming to the

configuration of the latter and securing the pin to the said rim, and capable of retaining a tintype or the like in place, substantially as described.

2. A device of the class described comprising a rim having an interior groove for the reception of a tintype or analogous device and provided with a perforation, and a pin provided with a resilient clamping device arranged within the groove of the rim and connected with the pin by a bend passing through the said perforation, substantially as described. 55

3. A device of the class described comprising a rim having an interior groove for the reception of a tintype or analogous device and provided with a perforation, and a pin having a resilient clamping device arranged in the groove and connecting the pin to the rim and also holding the tintype or other device in place and provided with a bend or loop, said clamping device being also provided, at a point diametrically opposite the said bend or loop, with a connecting-bend extending from it to the pin and passing through the said perforation, substantially as described. 65 70

4. A device of the class described comprising a circular rim having an interior groove and provided between its front and rear edges with an angular bend, said rim forming a frame for the reception of a tintype, and a pin provided with a resilient clamping device arranged within the groove of the rim and conforming to the configuration of the latter and securing the pin to the ring and capable of retaining a tintype in place, substantially as described. 80

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses. 85

MYRON W. JONES.

Witnesses:

L. P. REYNOLDS,
L. A. JONES.