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J. J. MEEHAN.

TOY BADGE.

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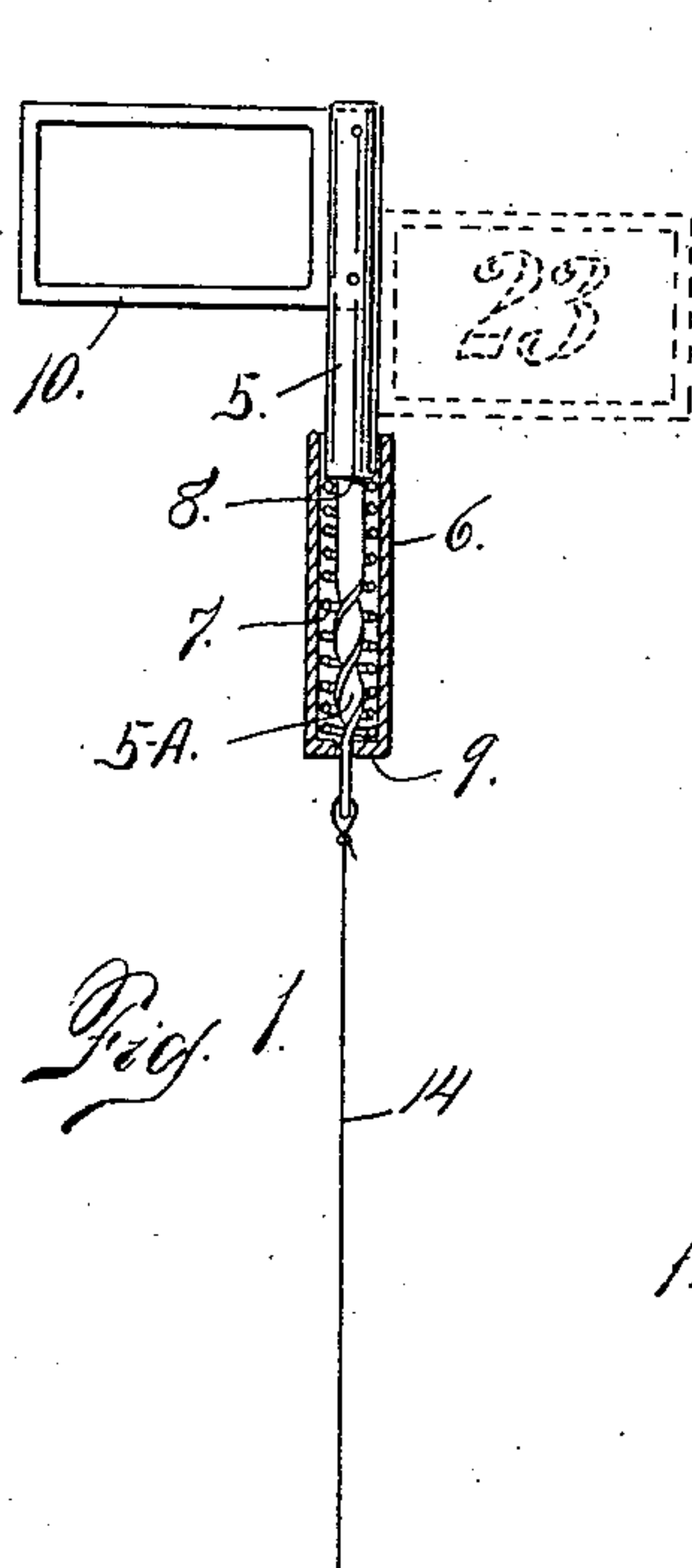


Fig. 1.

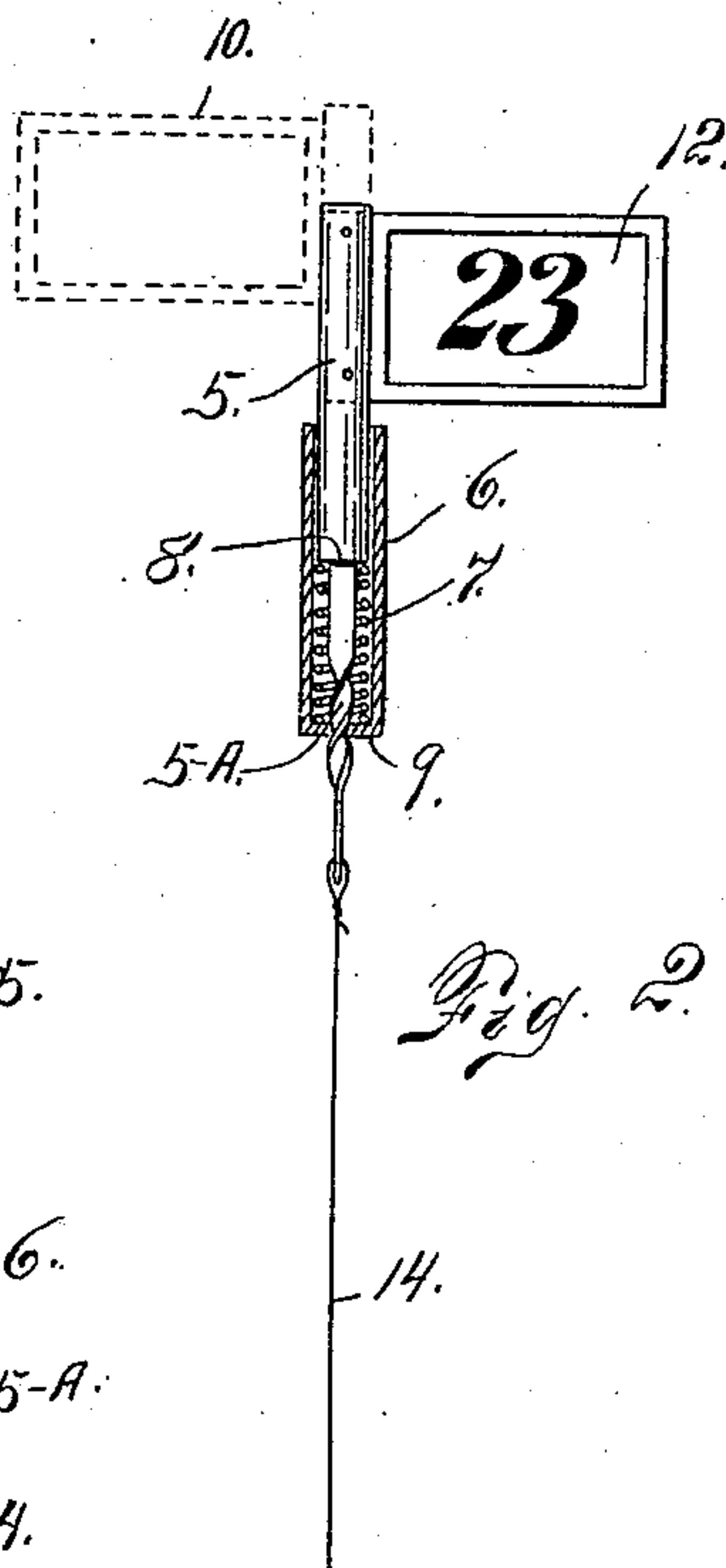


Fig. 2.

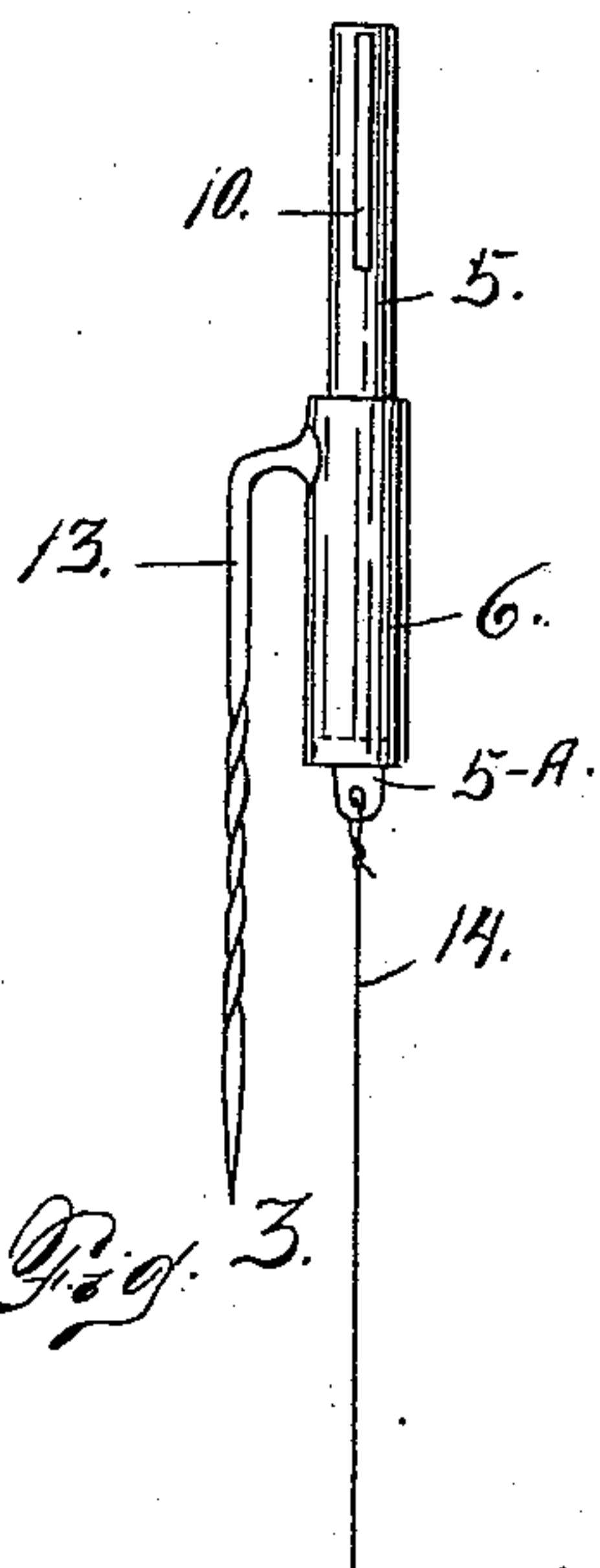


Fig. 3.

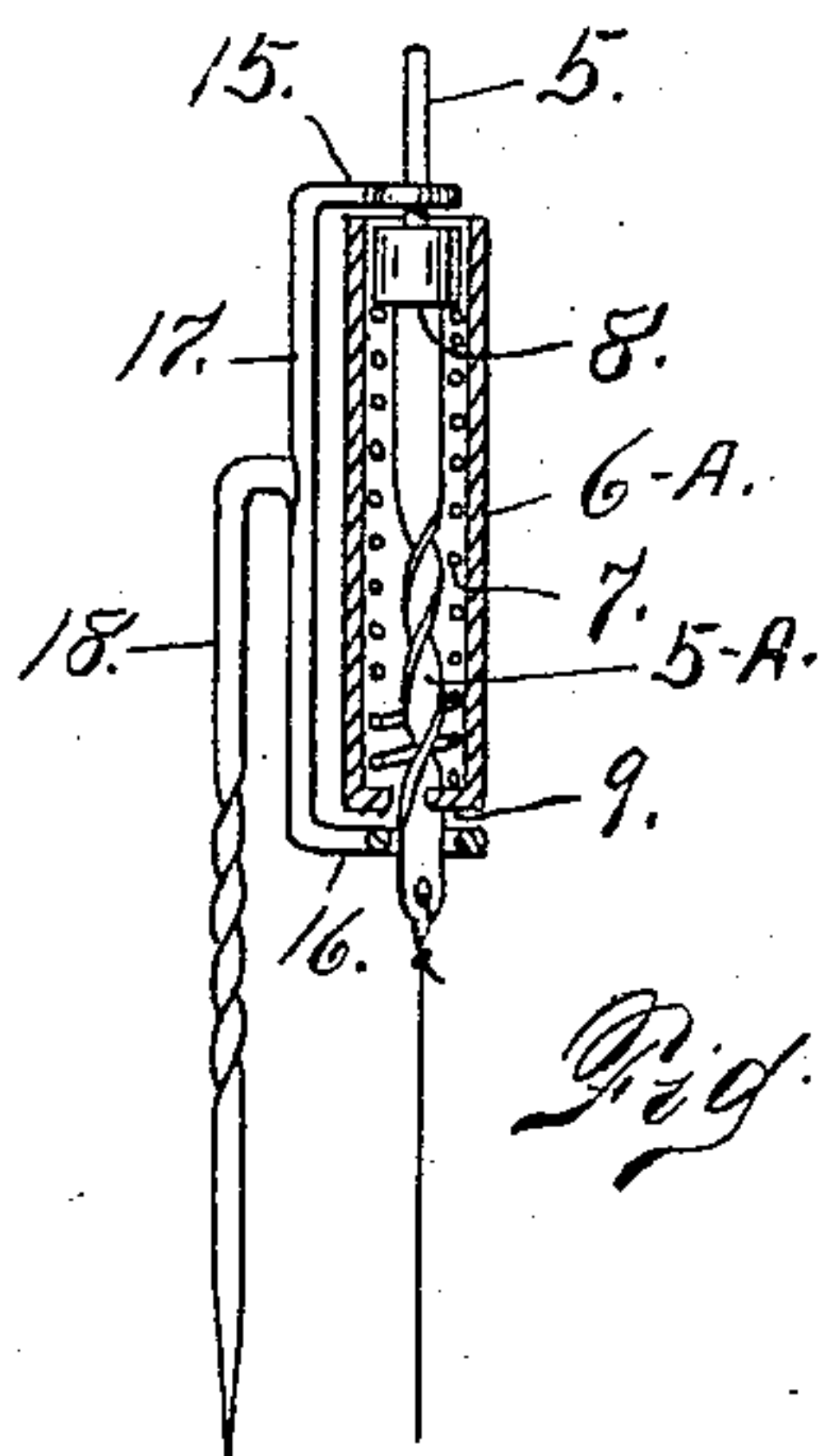


Fig. 4.

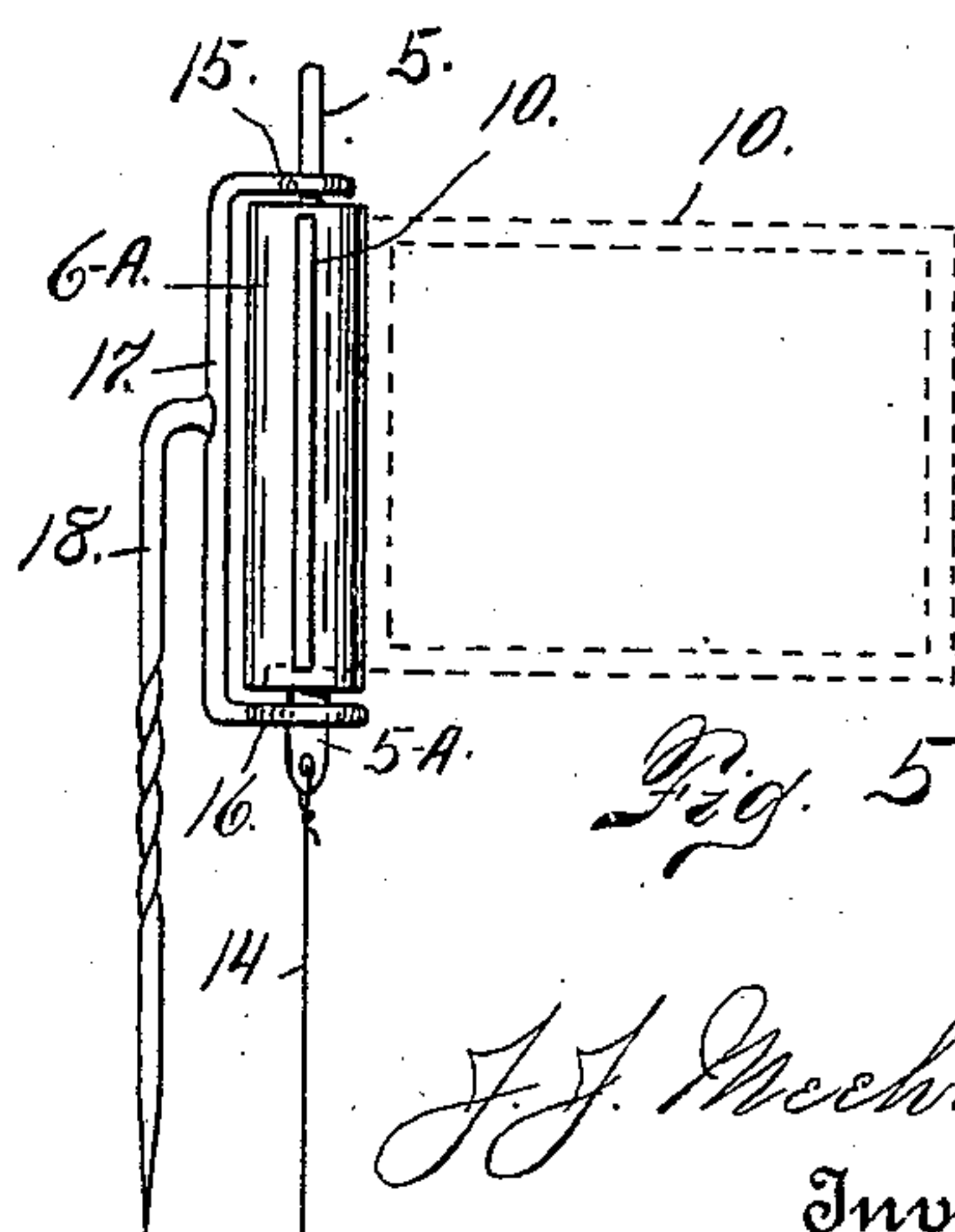


Fig. 5.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, JOHN J. MEEHAN, a citizen of the United States, residing in the city and county of Denver and State of Colorado, have invented certain new and useful Improvements in Toy Badges; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

My invention relates to a toy badge and is so constructed that a part containing any desired emblem, motto or design, may be actuated whereby the normally concealed surface may be exposed to view.

In using the device I propose to have the motto, design or emblem normally concealed and so arranged that by pulling upon a cord or thread which may be concealed within the coat of the wearer, the design, emblem or motto may be suddenly disclosed to view without any apparent cause therefor.

The invention will now be described in detail reference being made to the accompanying drawing in which,

Figure 1 is a view illustrating my improved device which is shown partly in section, the frame carrying the design or number being shown in two positions, one in full lines and the other in dotted lines. Fig. 2 is a similar view, except that the position of the movable frame which is shown in full lines in one view, is shown in dotted lines in the other view. Fig. 3 is an elevation of the device viewed at right angles to the view shown in Figs. 1 and 2. Fig. 4 is a sectional view in detail showing a modified form of construction. Fig. 5 is an elevation of the form of construction shown in Fig. 4 with the frame shown in two positions, one in full lines and the other in dotted lines.

The same reference characters indicate the same parts in all the views.

Let the numeral 5 designate a stem or spindle adapted to enter a sleeve 6 containing a spiral spring 7. The bottom or lower extremity of the sleeve is provided with a slot, while the lower portion 5^A of the spindle is flattened and formed into a spiral adapted to pass through the slot in the bottom of the sleeve, whereby the spindle is compelled to rotate. The coil spring is located between a shoulder 8 formed on the spindle and the bottom 9 of the sleeve. This spring normally holds the spindle at its upward limit of movement or in the position shown by full lines in Fig. 1.

To the upper part of the spindle is attached a rectangular frame 10 adapted to receive a card 12 upon which as shown in the drawing is formed the numeral 23. It is evident that this frame may be of any desired shape, and that any desired number, motto or catchy saying

or phrase may be formed thereon as may be desired. In this case it is assumed that the device is attached exteriorly to the coat of the user by means of a pin 13. It is evident that a button or other suitable fastening device would answer equally well. In the lower extremity of the spindle is formed an opening, to facilitate the attachment of a thread, wire, small cord or other flexible device 14.

When the device is in use the thread or other device 14, may be passed inwardly through the fabric of the garment and made accessible from the inside of the coat, allowing the user to pull thereon without attracting notice. As he pulls downwardly on the thread, a corresponding movement is imparted to the spindle whereby its spiral portion is made to pass through the slot in the bottom of the sleeve, thus imparting a partial rotation to the spindle and the frame 10 carrying the cord upon which the design, motto or number is formed. It is assumed that the frame 10 normally occupies a position whereby the number or other design is concealed. However, by the movement of the spindle through the sleeve, the frame is moved sufficiently by the partial rotation of the spindle, to expose its reverse side. When once exposed, this side may be retained in the same position, by maintaining the pull on the thread. As soon as this pull ceases, the coil spring acting on the shoulder of the spindle returns the latter to its normal position, thus imparting a reverse movement to the frame.

In the form of construction shown in Fig. 4, the sleeve is designated 6^A and carries the rectangular frame. The sleeve is held in position between two arms 15 and 16 of a yoke 17, to which is attached a pin 18. The upper part of the spindle 5 passes through a slot formed in the yoke arm 15, thus permitting the spindle to move freely vertically, but preventing its rotation. The sleeve is provided with a slot in its lower extremity the same as in the other forms of construction. Now as the spindle is pulled downwardly against the spring 7, as the spindle is prevented from turning, the sleeve will rotate and impart the necessary movement to the frame 10 to expose its normally concealed surface. One advantage of this last named form of construction, is that the vertical position of the frame carrying the cord containing the number or other design, is not changed.

Having thus described my invention, what I claim is:

1. A toy badge comprising two telescoping parts, one of which is provided with means for fastening the device to a garment of the user, and a laterally extending frame attached to one of the parts, the two parts being constructed to cause the part having the frame to rotate as the telescoping movement is imparted to one of the parts.

2. A toy badge comprising a sleeve and a spindle mounted to reciprocate in the sleeve and having a spiral portion, one of the said parts being provided with means for fastening the device to a garment the sleeve having a part fashioned to allow the spiral portion of the spindle to pass through whereby a rotary movement is imparted to one of

the said elements, the rotatable part being provided with a radially extending wing or sleeve, substantially as described.

3. A toy badge comprising a sleeve provided with a fastening device, a spindle constructed to telescope in the sleeve, the said spindle having a radially projecting wing or sleeve, a spring for normally maintaining the spindle at its limit of movement in one direction, the spindle having a spiral portion, and the sleeve having a slot through which the spiral portion of the spindle is adapted to pass whereby a rotary movement is imparted to the spindle as the latter is moved axially in the sleeve.

4. A toy badge comprising a sleeve and a spindle mounted to reciprocate in the sleeve, the spindle having a spiral portion and the sleeve having a slot at one extremity through which the spiral portion of the spindle passes, one of the said elements being provided with means for fastening the device to a garment, one of the said elements being provided with a radial wing or frame, the arrangement of the two parts being such that as the spiral portion of the spindle is moved through the slot of the sleeve, the part

carrying the radial wing or frame is given a rotary movement, substantially as described.

5. A toy badge comprising a sleeve, and a spindle mounted to reciprocate in the sleeve, one of the said parts being provided with a radial wing, one of the said parts being provided with a device for fastening it to a garment, the spindle having a spirally shaped portion and the sleeve having a slot through which the spiral portion of the spindle passes, a spring located within the sleeve and acting on the spindle to normally maintain the latter at its limit of movement in one direction, and a flexible device connected with the spindle below the sleeve, the construction and arrangement of the parts being such that a pull on the flexible device will actuate the spindle to impart a rotary movement to the element having the radial wing.

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

JOHN J. MEEHAN.

Witnesses:

DENA NELSON,
A. J. O'BRIEN.