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Patented Mar. 21, 1899.

W. B. MURPHY.

SETTING DEVICE FOR GLOVE FASTENINGS.

(Application filed Nov. 18, 1898.)

(No Model.)

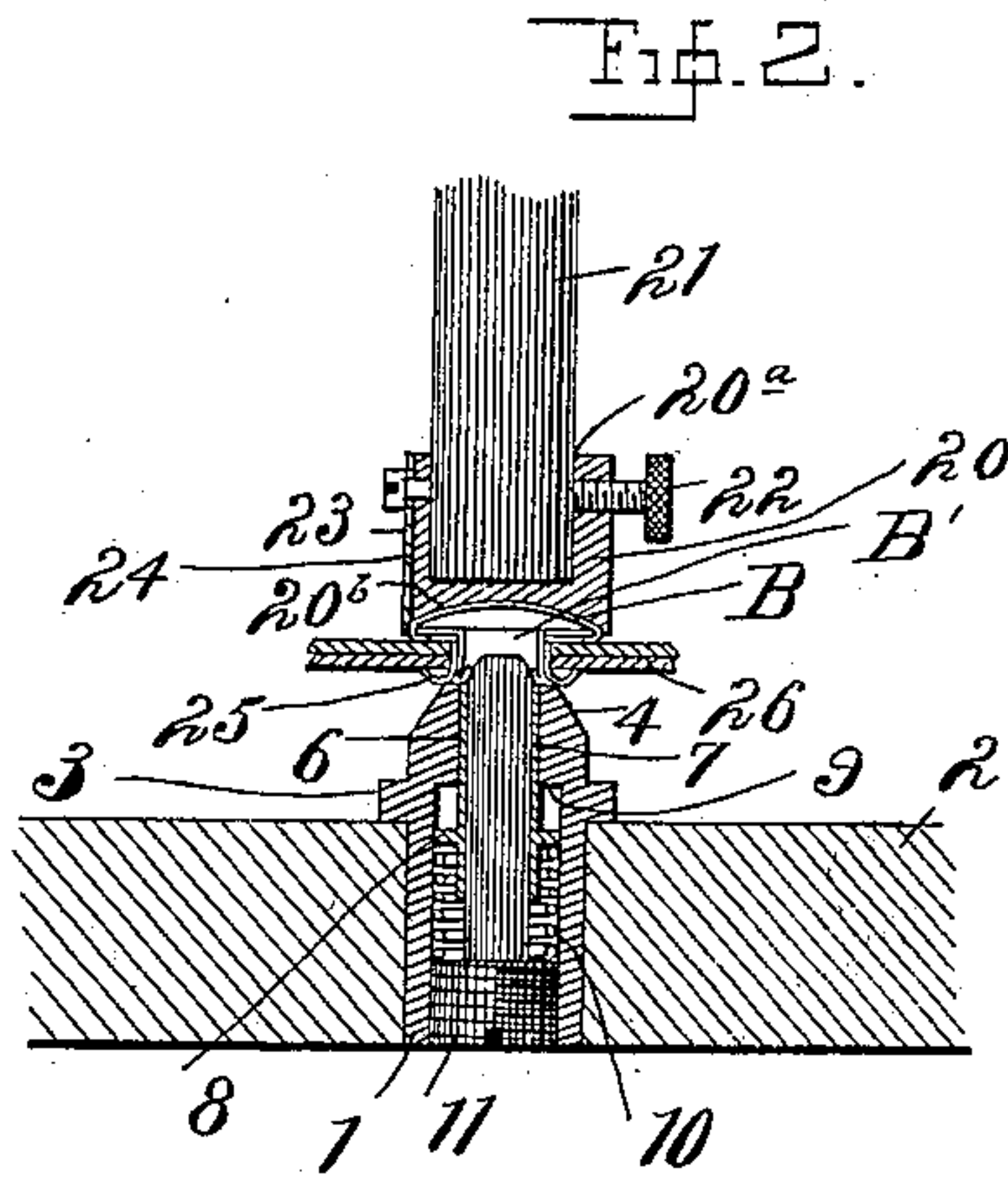
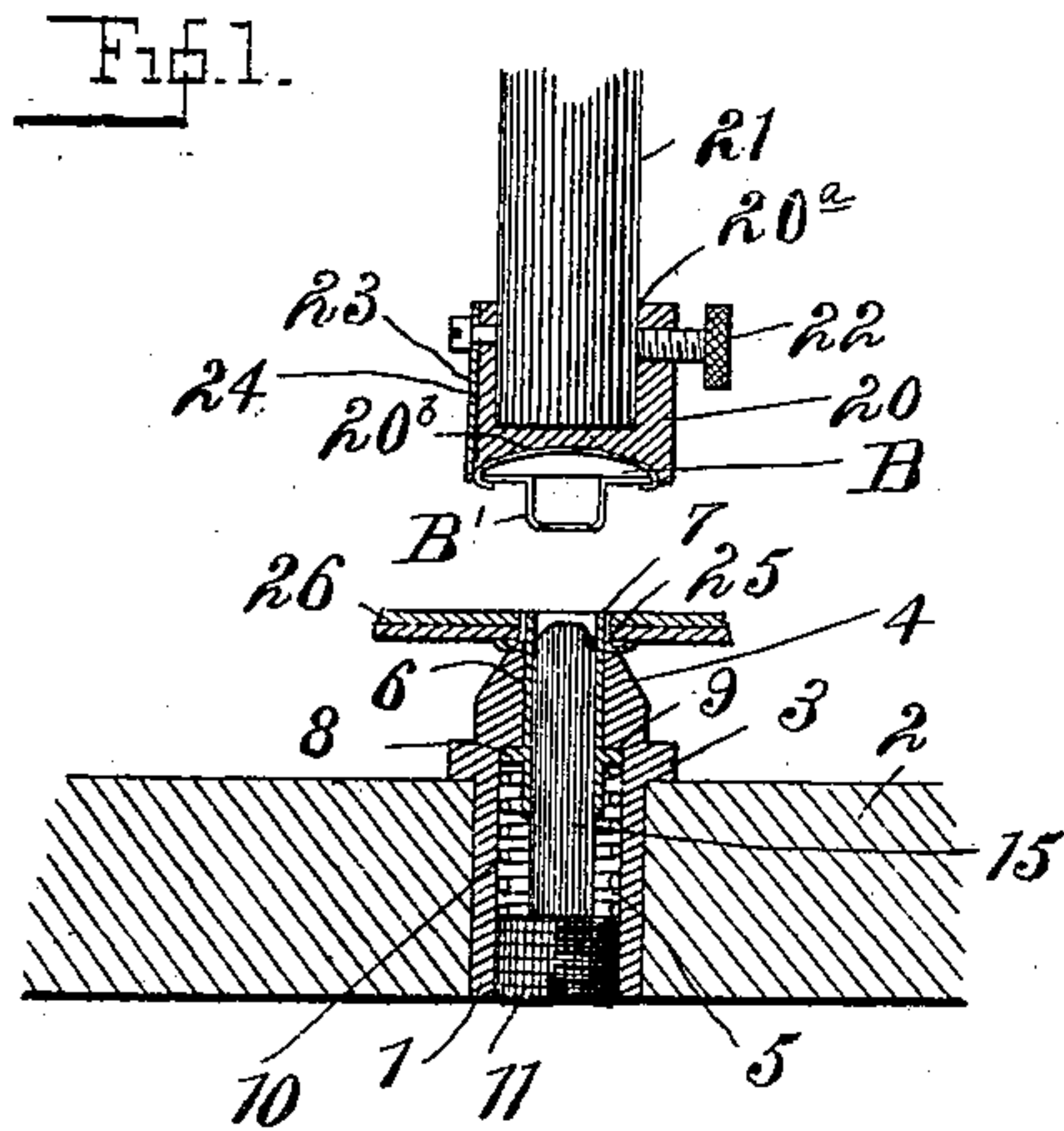


Fig. 3.

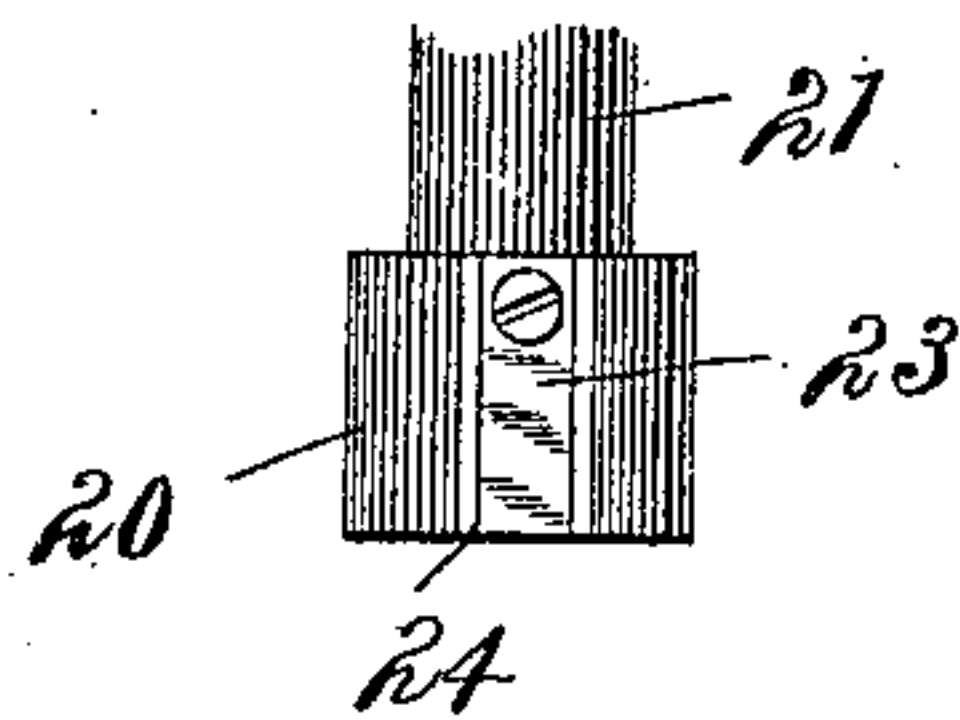
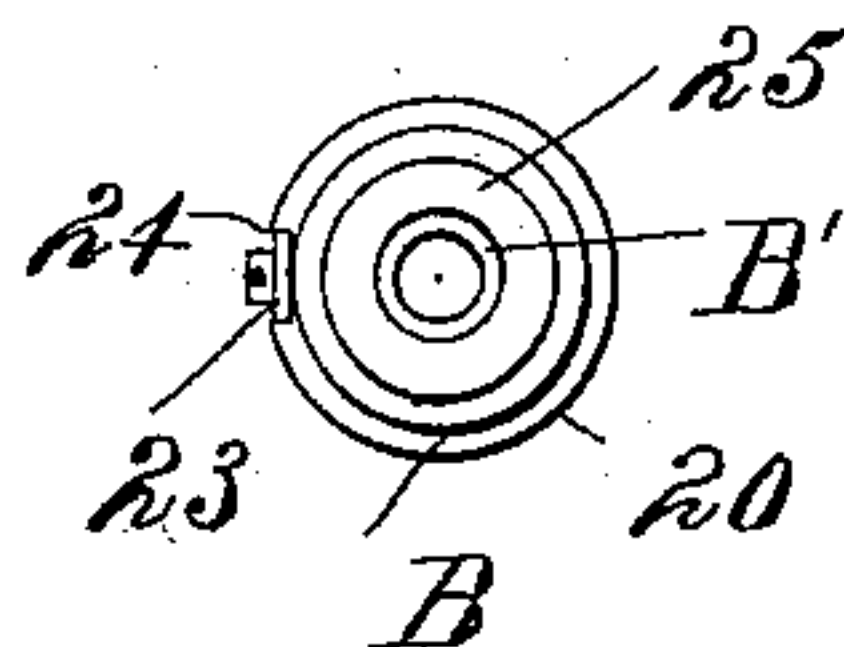


Fig. 4.



WITNESS

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SETTING DEVICE FOR GLOVE-FASTENINGS.

SPECIFICATION forming part of Letters Patent No. 621,535, dated March 21, 1899.

Application filed November 16, 1898. Serial No. 696,653. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM B. MURPHY, a citizen of the United States, residing at New York, in the county and State of New York, have invented certain new and useful Improvements in Riveting or Setting Devices for Securing Glove-Fastenings and Similar Devices to Gloves or other Articles, of which the following is a specification.

The object of my invention is to provide a simple and effective device for securing glove-fastenings and similar devices to gloves or other articles; and in order that my invention may be fully understood I will first describe the same with reference to the accompanying drawings and afterward point out the novelty with more particularity in the annexed claims.

In said drawings, Figures 1 and 2 are vertical sectional views of my improved riveting or setting device, showing the different steps of the operation of securing the cap or top portion of the glove-fastening to the glove. Fig. 3 is a detail elevation of the upper member of the riveting device. Fig. 4 is a plan view of the lower portion of the riveting device.

1 is a cylindrical body resting in bed-plate 2 and having an annular supporting-flange 3, which engages the bed-plate, and an upper conical head 4. The cylindrical body 1 has a central bore 5 and a tubular opening 6, extending through the upper conical head of the body.

7 is a yielding work-supporting tube resting in the tubular opening 6 and projecting into the bore of the body 1. The tubular support 7 is formed with an annular flange 8, which rests normally against the inner flange 9 of the body 1.

10 is a spiral spring surrounding the inner portion of the tubular support 7 and engaging at its upper end the flange 9 and at its lower end the threaded plug 11. The plug 11 is screwed into the threaded lower end of the body 1 and rigidly supports a mandrel or former 15, formed with a rounded upper end. The mandrel 15 rests within the yieldingly-supported tube 7.

The upper member of my improved riveting device comprises a head 20; having a

socket 20^a for the reception of the shank 21 of a suitable die-press or similar machine, the head being secured upon the shank 21 by means of the thumb-screw 22. The head 20 is formed with a recess 20^b for the reception of the head or upper end of the button-fastening B.

23 is a plate-spring supported in a groove 24, cut longitudinally in one edge of the head 20 and engaging the head or cap B.

In securing the upper portion of the glove-fastening or similar device to a glove or other article it will be observed that the cap B, having the shank B', is placed in the socket of head 20, while the washer or collet 25 and glove-flap 26 are placed over the tube 7 and supported upon the conical head 4. This position of the parts is shown in Fig. 1. The die-press is then operated, bringing the head B downwardly into engagement with the spring-operated tube 7, the tube yielding or withdrawing through the flap 26 and washer 25 to force them upon the shank B' of the head B and the mandrel 15 being forced into the shank B' of the head B to bend upwardly the integral flange of the shank and swage or spread the shank outwardly at its end to secure the washer 25 upon the shank.

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

1. A setting device for glove-fastenings and like articles, comprising a member for supporting the cap and hollow shank of the fastening, and a member having a head for engaging the washer of the fastening, a tube yieldingly supported within said head and adapted to engage with the fastening-shank, and a mandrel rigidly supported within said tube and adapted to expand the said shank.

2. A setting device for glove-fastenings and like articles, consisting of a member adapted to hold the fastening-cap and its hollow shank, and a member comprising a body portion having a head adapted to press the washer of the fastening toward the cap, a work-supporting tube within said head, adapted to pass through the said washer and engage the shank of the fastening, a mandrel supported within the said body portion and within the said work-supporting tube and adapted to engage the

said shank to expand the same against the washer, and a spring bearing against the said work-supporting tube and supported from the said body portion, to hold the said tube against
5 the said shank, but to allow said tube to yield under the pressure of the shank, substantially as set forth.

3. In a setting device for glove-fastenings and like articles, the combination of a body
10 portion formed with a head, a bore terminating in a shoulder, and a tubular opening extending from said shoulder through said head,

of a plug screwing into said bore and having a mandrel extending within the said opening, and a tube surrounding said mandrel and
15 supported in the opening in the head, and having a collar engaging with the shoulder on the body portion, and a spring bearing against said collar and against the aforesaid plug, substantially as set forth.

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Witnesses:

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