

W. GOLDENBERG.

HAT PIN.

APPLICATION FILED JUNE 21, 1907.

898,873.

Patented Sept. 15, 1908.

Fig. 1.

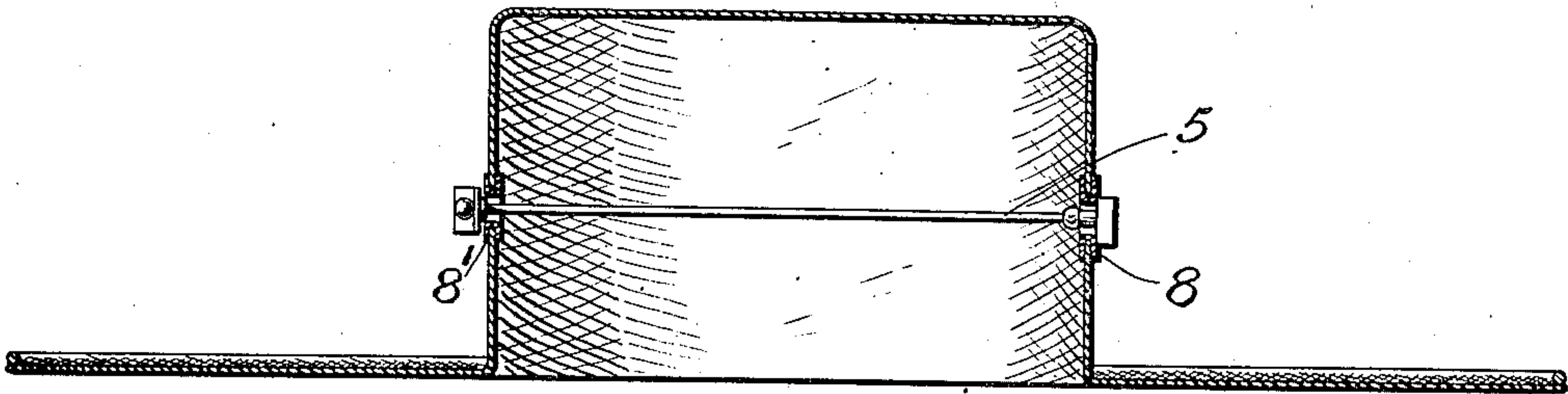


Fig. 2.

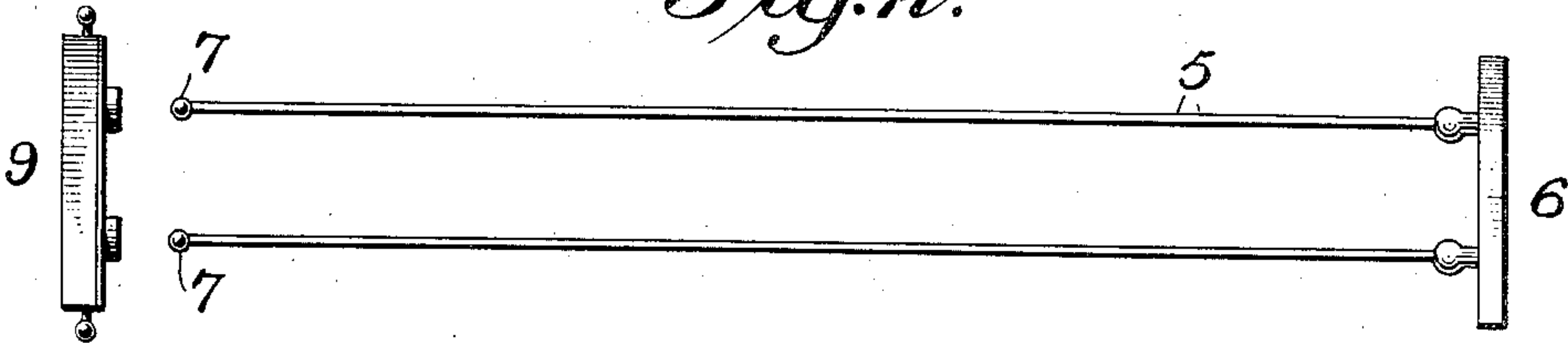


Fig. 3.

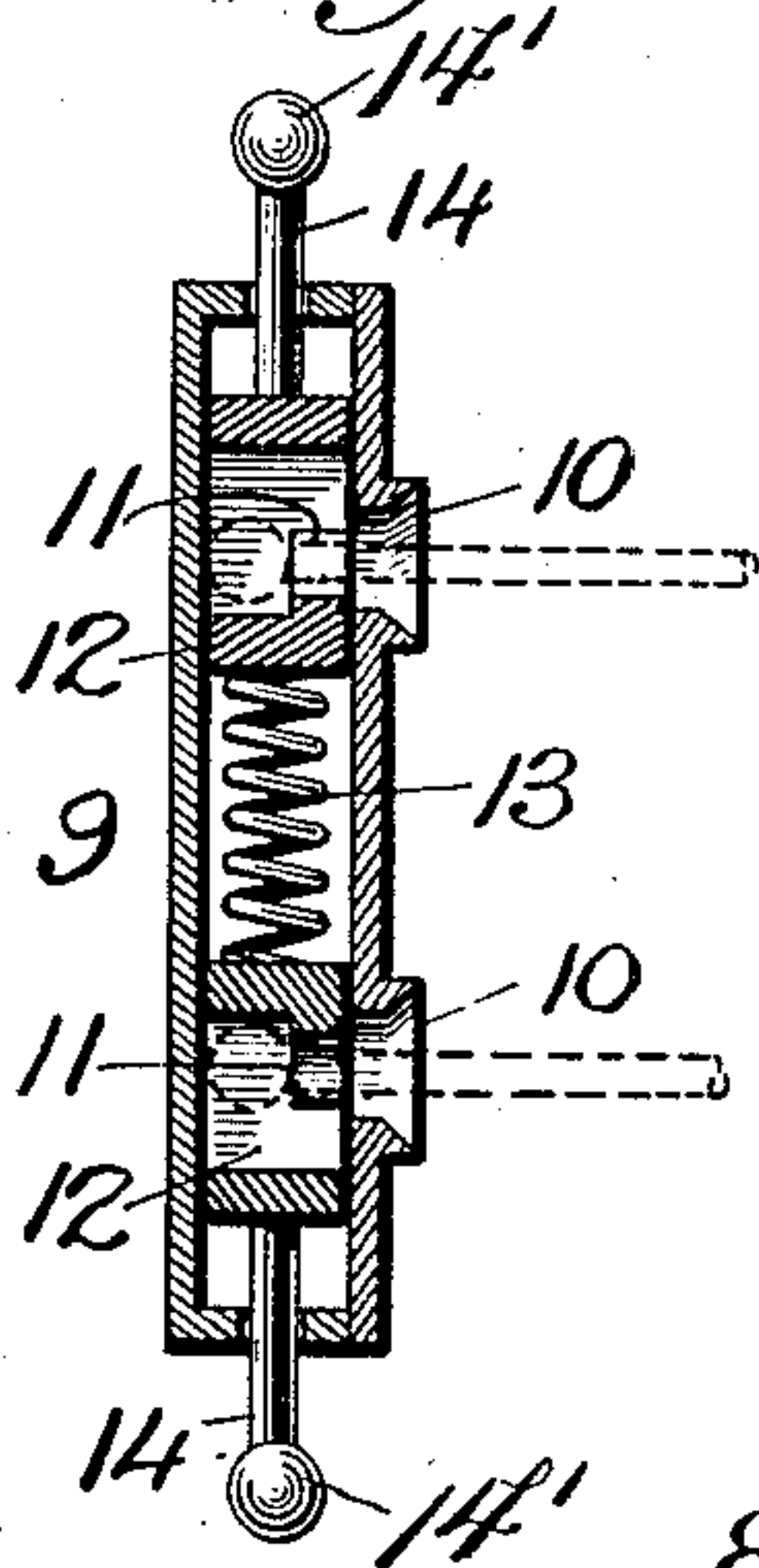


Fig. 5.

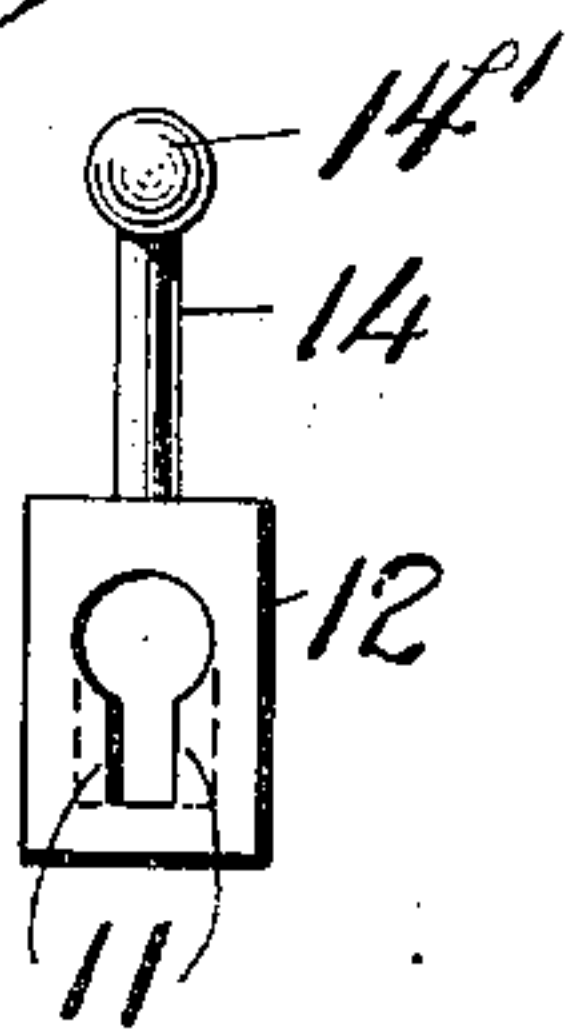


Fig. 4.

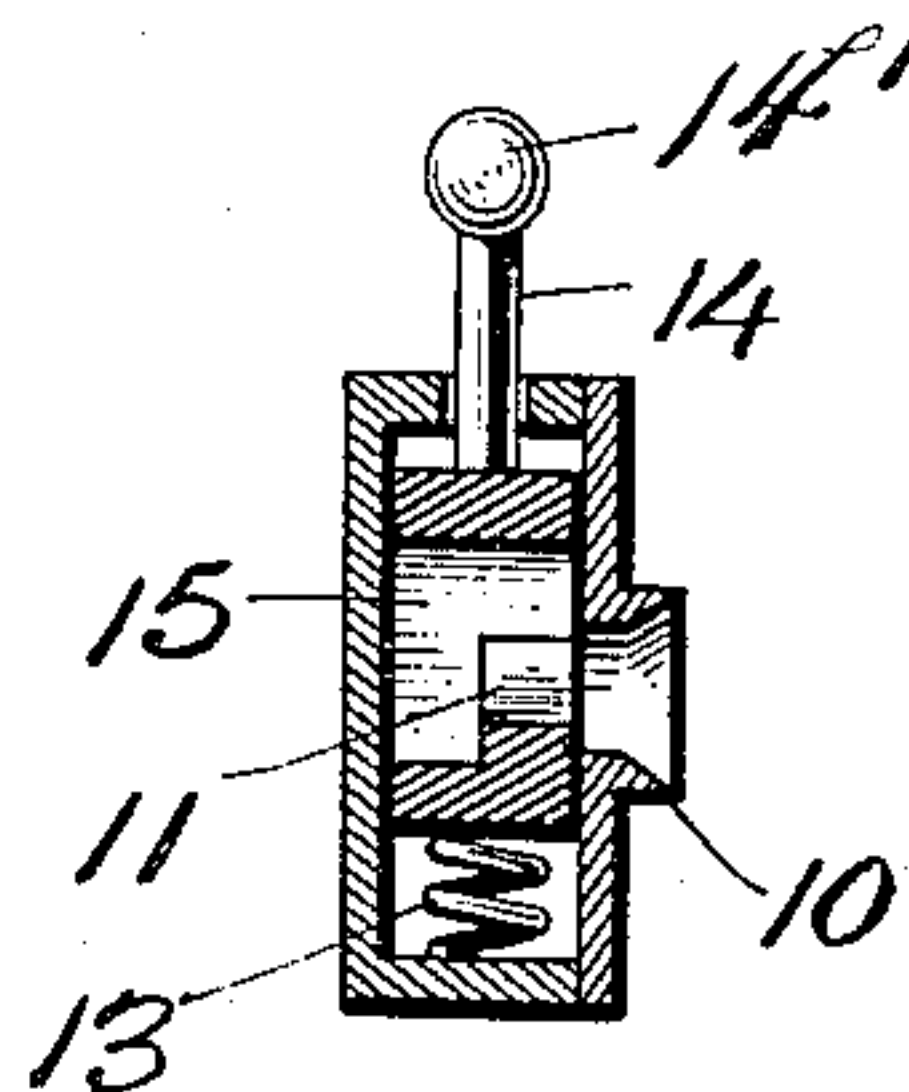


Fig. 6.

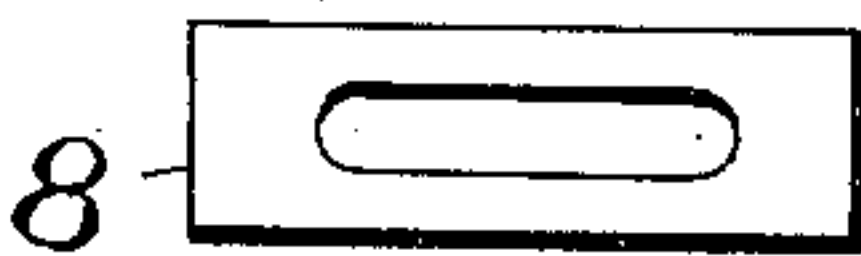


Fig. 7.



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UNITED STATES PATENT OFFICE.

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HAT-PIN.

No. 898,873.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, WILLIAM GOLDENBERG, a citizen of the United States, residing at Brooklyn, in the county of Kings and State of New York, have invented new and useful Improvements in Hat-Pins, of which the following is a specification.

This invention relates to fastener for pins and similar implements and particularly hat pins and its object is to provide a device adapted to be retained upon the end of a pin to prevent same from being retracted when placed in position as will be more fully described in the following specification, set forth in the claims and shown in the drawings where the same reference characters are used to designate like parts in the various views.

Figure 1 is a sectional view of a hat showing a hat-pin retained therein by means of the device. Fig. 2 is a view of the hat fastener and retainer separated. Fig. 3 is a sectional view of the retainer. Fig. 4 is a sectional view of a modified form of retainer. Figs. 5, 6 and 7 are detail views.

While this device may be applied to many articles of similar nature the drawings show a hat-pin 5 in this instance provided with two prongs united by a head 6 and whose free ends carry balls 7. In order to allow the balls to pass freely through the hat, perforated plates 8 and 8' are secured to each side of the hat, or a plate having a slot and the other holes as far apart as the two prongs are separated, and when the pin is properly positioned in the hat the free ends with the balls project a short distance beyond the plate 8 on that side of the hat. The pin as will be readily understood, also passes through the hair of the wearer and the plates are secured to the hat by means of spurs formed by the material removed from the holes. After the pin has thus been passed through the hat and the plates, a retainer 9 is placed on the ends which enter the openings 10 with flared outer flange to direct the ends of the prongs to the interior of the retainer when they are engaged by the keyhole slots 11 of the sliding dogs 12, said jaws being arranged at right angles with the slides. These slides fit closely within the retainer.

The keyhole slots 11 are so constructed as to allow the ball 7, on the end of pins 5, to be readily connected to the members 12, and locked in the latter mentioned members by means of the coil spring 13, forcing the mem-

bers 12 out of alinement with the flared opening 10. The particular construction of the keyhole slots allows the ball 7 to be inserted therein and locked within the members 12 and the retainer.

In order to facilitate the engagement of the balls by the jaws, the dogs 12 are provided with rods 14 projecting beyond the ends of the retainer where they are easily operated to compress the spring 13 and release the balls 7 or to permit of their ready engagement. The rods 14 are provided with heads 14', said head limiting the movement of the members 12 when compressed in the container for limiting the fastening bar.

In case that a single prong is used the modified form shown in Fig. 4 may be resorted to and where a single sliding dog 15 is used within the retainer, and it is identical in construction with the slides above described and the retainer has but one opening.

This style of hat fastener may be applied to any style or class of hat to which the plates 8 may be applied, the balls of the pin easily pass through the hair of the wearer and on account of the plates do not damage the hat by indiscriminate perforation.

Any desired ornamental effect may be given the head or retainer and they may be of the same design, but the shape of the retainer must not interfere with the interior construction shown in the drawings.

What I claim as new and desire to secure by Letters Patent is:

A hat fastener, comprising perforated plates, a head with a pin secured thereto having a ball on its free end, said pin serving to be inserted through the perforations of the plates and projecting beyond the same, a retainer for the ball consisting of plates secured together and spaced apart, one of said plates having an opening and a flaring mouth, and a spring-actuated slide in said retainer and having a right-angular jaw formed therewith, said ball and a portion of the pin being passed through the said flaring opening so that the ball will contact with the said right-angular jaw to prevent displacement of the pin, substantially as described.

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

WILLIAM GOLDENBERG.

Witnesses:

JAMES F. DUHAMEL,
MAE W. CLINTON.