

No. 754,316.

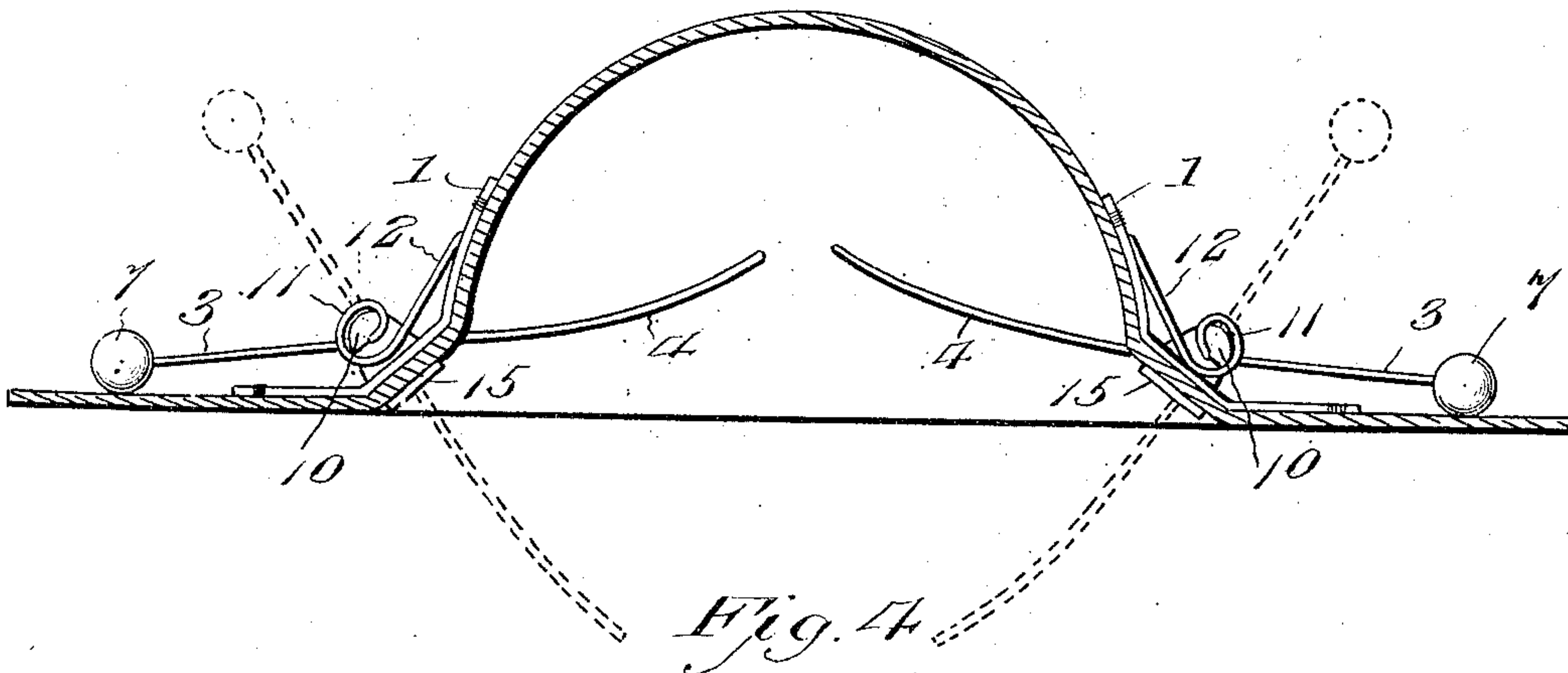
PATENTED MAR. 8, 1904.

J. KAISER.  
HAT FASTENER.

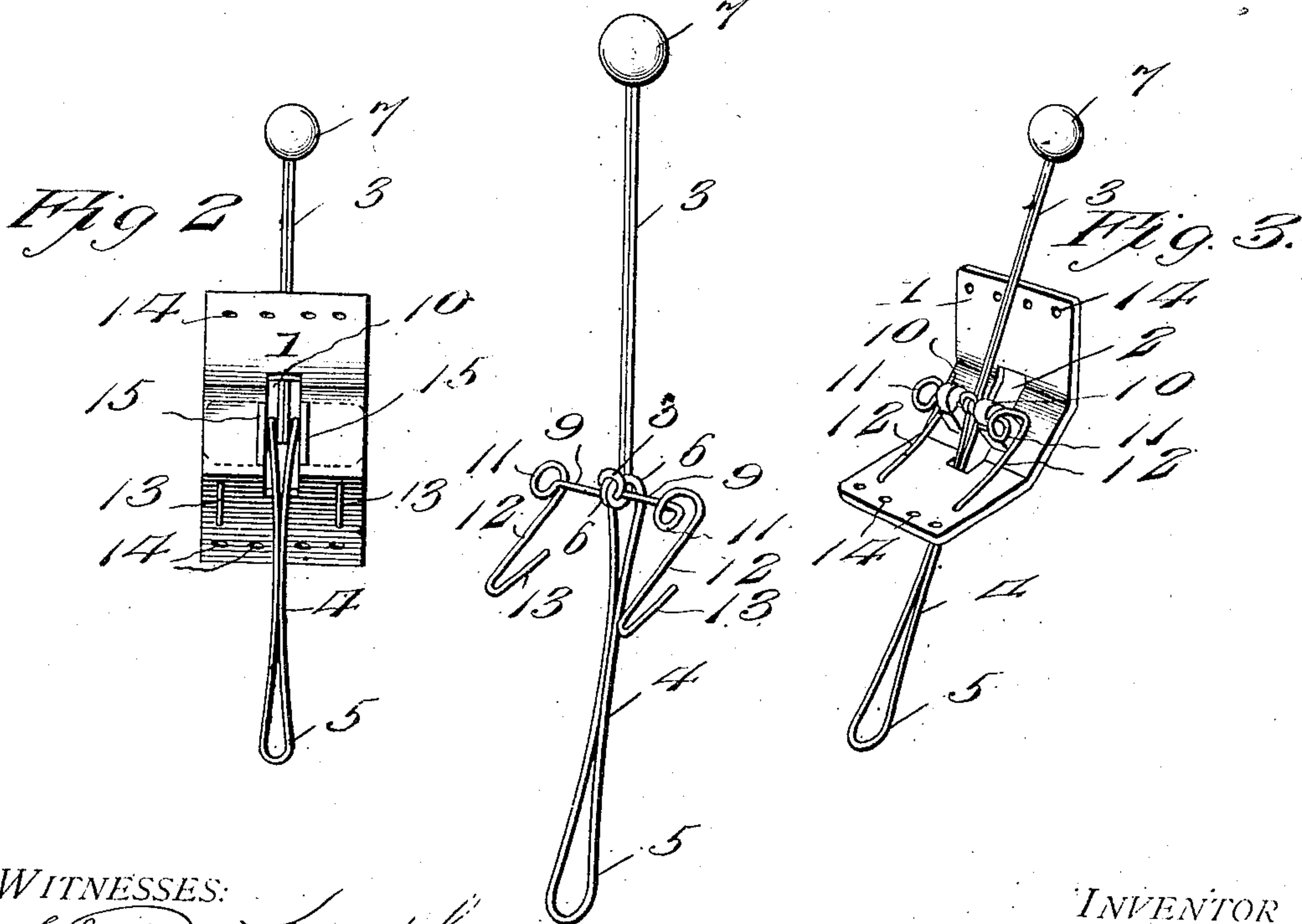
APPLICATION FILED JULY 1, 1903.

NO MODEL.

*Fig. 1.*



*Fig. 4.*



WITNESSES:

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# UNITED STATES PATENT OFFICE.

JOSEPH KAISER, OF COLUMBUS, OHIO.

## HAT-FASTENER.

SPECIFICATION forming part of Letters Patent No. 754,316, dated March 8, 1904.

Application filed July 1, 1903. Serial No. 163,943. (No model.)

*To all whom it may concern:*

Be it known that I, JOSEPH KAISER, a citizen of the United States, residing at Columbus, in the county of Franklin and State of Ohio, have invented new and useful Improvements in Hat-Fasteners, of which the following is a specification.

This invention relates to hat-fasteners, the object in view being to provide a fastening device especially designed for holding ladies' hats upon the head, the hat-pin forming the subject-matter of this invention being permanently connected to the hat and always carried thereby, so as to be in readiness for use. The improved hat-pin is secured to the hat in such manner and has combined therewith a spring so related to the pin proper that the pin is held at all times securely in the hair and prevented from becoming disengaged therefrom in ordinary usage. At the same time the pin may be readily disengaged from the hair by exerting the necessary pressure in the proper direction thereon.

With the above and other objects in view the invention consists in the novel construction, combination, and arrangement of parts, as hereinafter fully described, illustrated, and claimed.

In the accompanying drawings, Figure 1 is a vertical cross-section through a hat, showing the improved hat-fastening device applied thereto in accordance with the present invention. Fig. 2 is a perspective view of one of the fasteners looking toward the outside of the same. Fig. 3 is a rear or inside elevation of the same. Fig. 4 is an enlarged detail perspective view of the pin proper and the spring which coöperates therewith, showing the manner in which said parts are combined.

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

Under the preferred embodiment of this invention two complete hat pins or fasteners are employed, and they are preferably arranged at opposite sides of the hat, so that the pins will enter the hair at opposite sides of the head and nearly or quite reach each other at their inner ends when properly inserted in and engaged with the hair.

Each fastener comprises, essentially, a clip or attaching-plate 1, which is centrally apertured at 2 to admit of the necessary vibration or working of the hat-pin proper, (shown at 3,) the said pin extending through the aperture or slot 2. For convenience the pin 3 is formed in one piece of wire, the central portion of which is bent to form a loop 4, which is spread or widened to form an expanded extremity 5, which will not become easily disengaged from the hair after being inserted therein. Near the center of the pin the parallel portions of the wire are each bent to form a coil 6, the coils lying exactly opposite each other, as shown in Fig. 4, after which the terminals of the wire are extended in parallel relation close to each other and secured together at their extremities by means of a ball or head 7. The coils 6 form a part of the fulcrum about which the pin is adapted to be swung.

The fulcrum consists of a piece of spring-wire the central portion of which is bent into the form of an eye 8, which passes through both of the coils 6 of the pin, the end portions of the spring being then extended in opposite directions to form journals 9, which are received in the slits of a pair of split lugs 10, formed at opposite sides of the slot or aperture 2 in the attaching-plate, as best illustrated in Fig. 2. After the journaled portions 9 are inserted in the lugs the split portions of the lugs are pressed together so as to hold the journals between them and yet allow the same to partially turn therein in order to obtain torsional action of the spring. After passing through the split lugs 10 the ends of the spring are coiled, as shown at 11, to provide the necessary resiliency and are then extended to form arms 12, having their extremities 13 inserted through openings in the clip or attaching-plate 1, against the opposite side of which they are clenched, as shown in Fig. 3.

The clip or attaching-plate 1 is bent to lie in the angle between the crown and rim of the hat, as shown in Fig. 1, and is provided with openings 14 to receive suitable fasteners or stitches by means of which the plate is secured to the hat.

The springs act to hold the pins normally



in the position illustrated in full lines in Fig. 1, in which position they engage the hair. In placing the hat upon the head or removing the same therefrom the outer ends of the pins are rocked upward to substantially the dotted-line position illustrated in Fig. 1. Then as the hat is placed upon the head the pins are released, whereupon the springs act to swing the inner ends of the pins upward, causing them to penetrate the hair and obtain a firm hold thereon, which will prevent the hat from becoming accidentally detached.

At each side of the aperture or slot 2 the plate 1 is provided with a pair of inwardly-projecting tabs 15, which after forming a slit in the body of the hat and passing said tabs through said slit are bent outward to the dotted-line position shown in Fig. 2 and the full-line position shown in Fig. 1, so as to engage the inner surface of the hat and keep the slot clear, so that the hat-pin may work freely therein.

I do not desire to be limited to the details of construction and arrangement hereinabove described, but reserve the right to make such changes in the form, proportion, and minor detail of construction as properly fall within the scope of the appended claims.

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

1. A hat-fastener comprising an attaching-

plate provided with an aperture and having tabs at opposite sides of said aperture for engaging the hat, a hat-pin passing through said aperture and pivotally connected intermediate its ends with the plate, and a spring mounted on the plate and acting to hold said pin yieldingly in its operative position, substantially as described.

2. A hat-fastener comprising an attaching-plate provided with an aperture, split lugs on said plate, a spring connected with the plate and having a portion thereof extended through the lugs and provided with an eye, and a hat-pin passing through the aperture in the plate and fulcrumed in the eye of said spring, the spring acting to yieldingly hold the pin in its operative position.

3. A hat-fastener comprising an attaching-plate provided with an aperture, a hat-pin passing through said aperture and provided intermediate its ends with a coil, and a spring connected with the plate and provided with an eye interlocked with the coil of said pin and acting to yieldingly hold the latter in its operative position.

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

JOSEPH KAISER.

Witnesses:

MAMIE KETTER,

PETER J. MAGLY