

No. 782,064.

PATENTED FEB. 7, 1905.

J. E. SCOTT.
HAT FASTENER.
APPLICATION FILED APR. 21, 1904.

2 SHEETS—SHEET 1.

Fig. 1.

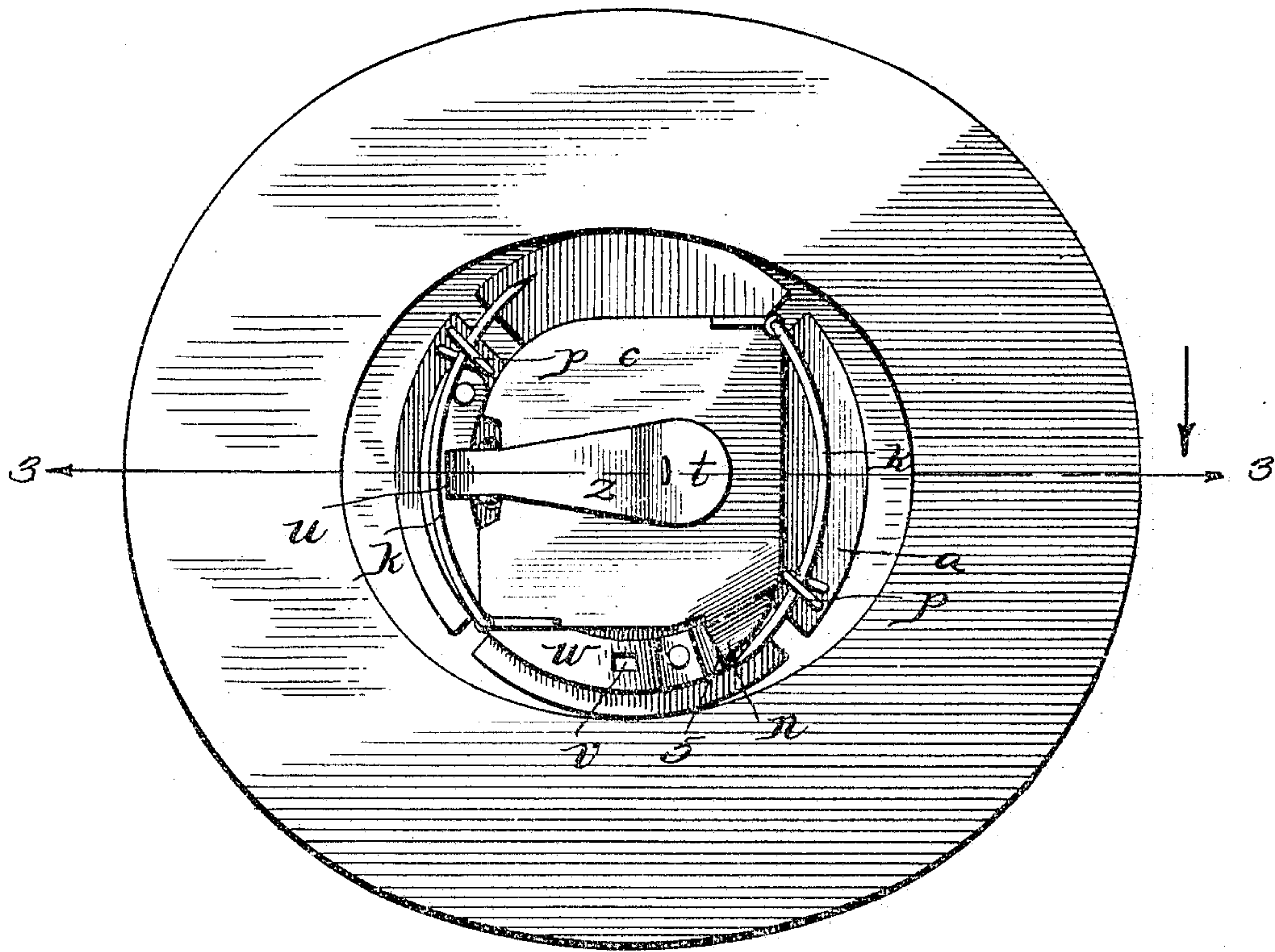
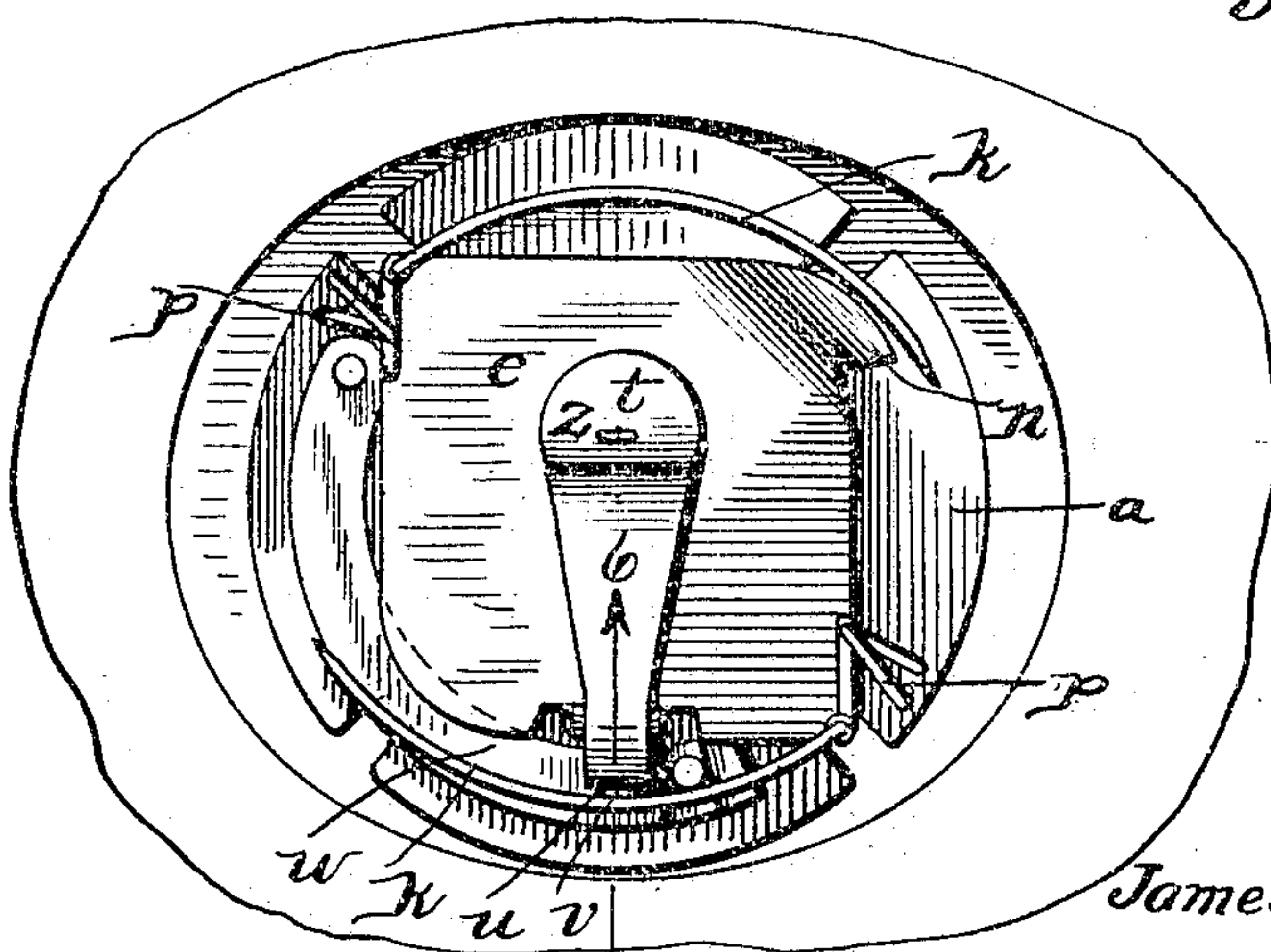


Fig. 2.



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2 SHEETS—SHEET 2.

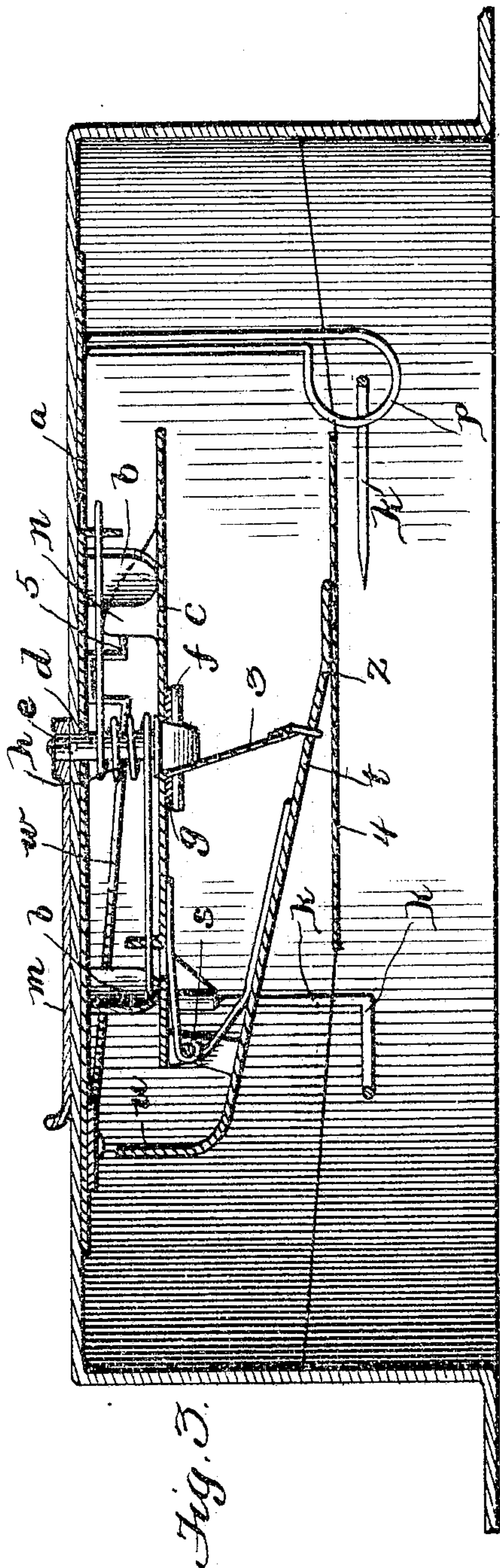


Fig. 3.

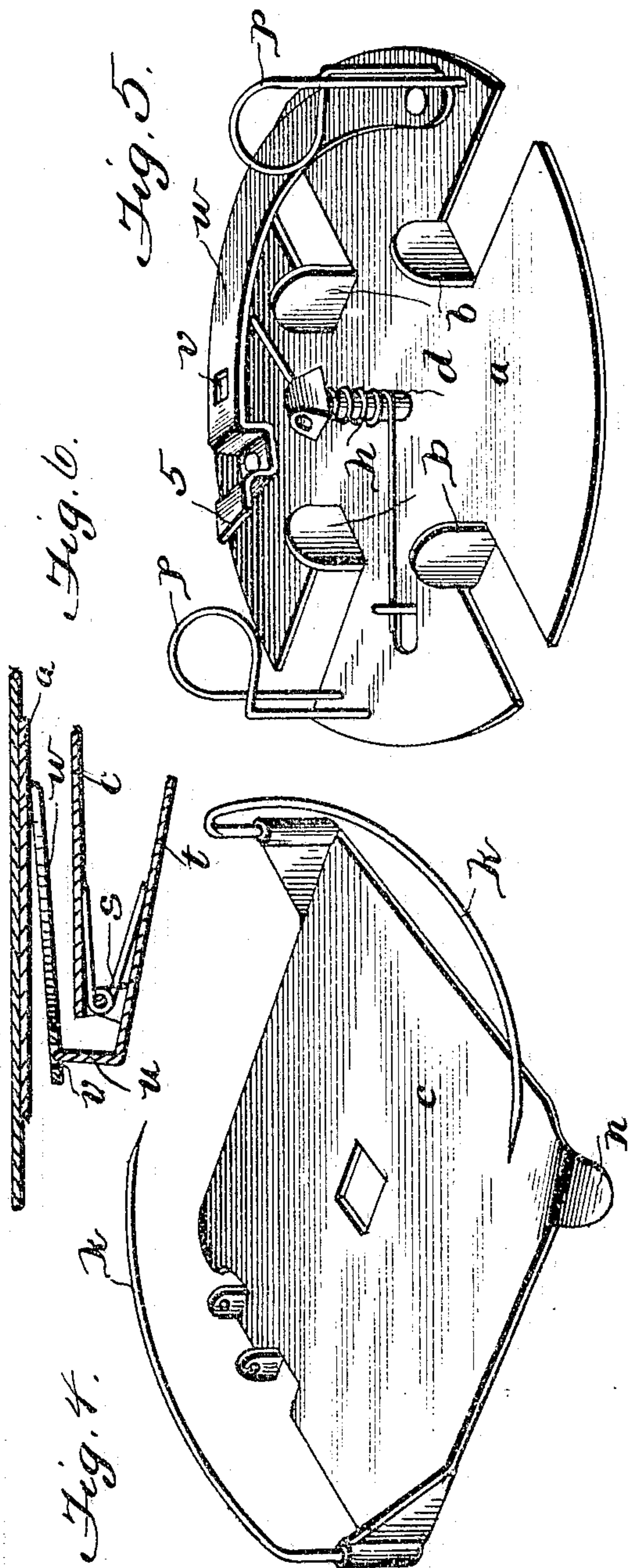


Fig. 4.

Fig. 5.

Fig. 6.

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UNITED STATES PATENT OFFICE.

JAMES E. SCOTT, OF LOUISVILLE, KENTUCKY.

HAT-FASTENER.

SPECIFICATION forming part of Letters Patent No. 782,064, dated February 7, 1905.

Application filed April 21, 1904. Serial No. 204,197.

To all whom it may concern:

Be it known that I, JAMES E. SCOTT, a citizen of the United States, and a resident of Louisville, in the county of Jefferson and State of Kentucky, have made a certain new and useful Invention in Hat-Fasteners; and I declare the following to be a full, clear, and exact description of the same, such as will enable others skilled in the art to which it appertains to make and use the invention, reference being had to the accompanying drawings, and to letters and figures of reference marked thereon, which form a part of this specification.

Figure 1 is a bottom plan view of a hat having my invention applied thereto with the pins *k* in the positions assumed when engaging the hair. Fig. 2 is a similar view showing the pins *k* in the positions assumed before being turned into engagement with the hair. Fig. 3 is a section on the line 3 3, Fig. 1. Figs. 4 and 5 are detail perspective views of detached parts of my fastener. Fig. 6 is a detail section on the line 6 6, Fig. 2.

The invention relates to hat-fastenings for securing hats in position on the head; and it consists in the novel construction and combinations of parts, as hereinafter set forth.

In the accompanying drawings, illustrating the invention, the letter *a* designates the base-plate, which is designed to be secured to the crown of the hat and is provided with bearings *b* for the movable plate *c* to rest and work on. A center pin *d* has a bearing *e* in the crown of the hat and is designed to be connected to the movable plate. To this end it engages a squared bearing in said plate and is provided with a cross-pin *f*, which engages by its ends the bearings *g* on said plate. A spring *h* is located between the movable plate and the base-plate and is connected by one end to the base-plate and by the other end to the movable plate, which is in this manner given a tension in the direction of movement of the curved hair-pins *k*, which are attached to said movable plate. The outer end of the center pin is provided with a lever device *m*, which may be removable. The base-plate *a* is provided with a stop *5* and the movable plate with a shoulder or lug *n*, which is de-

signed to abut against said stop when the curved hair-pins are at the end of their forward movement, such pins then engaging the guard-loops *p*, which are attached to the base-plate. The movable plate is also provided with a spring catch-lever *t*, designed when this plate is turned back to withdraw the hair-pins to engage a stop at *v* of the base-plate. The stop *v* is usually made in the form of an opening, and the catch-lug *u* of the lever *t* is beveled, so that it will move easily over an inclined way *w* of the base-plate until it engages the stop *v*. This catch-lever *t* is pivoted in bearings on the movable plate and is operated by a spring *s*. The large portion of this catch-lever consists of a wide horizontally-projecting center plate or bearing-arm *z*, which is limited in its movement by a connection *3*. When this bearing-arm *z* is pressed upon, the center lug *u* becomes disengaged from the stop *v*.

Over the wide bearing-arm of the spring catch-lever extends a center piece of paste-board or metal, which is held to position by means of a cloth diaphragm *4*, the ends of which are attached to the sides of the hat on the inside. This diaphragm covers in the mechanism, with the exception of the curved horizontal portions of the hair-pins and the ends of the loop-guards.

The spring catch-lever *t* extends transversely with reference to the direction of the curved hair-pins, and when the hat is pressed down slightly upon the head the catch-lever is moved to disengage the catch-lugs *u* from the base-plate. Then the movable plate, actuated by its spring, moves around upon the center, carrying the curved horizontal hair-pins through the hair in such wise as to engage it and pass through the holding loops or guards *p* after such engagement, thus making the fastening secure. To release the fastening, the lever device on the top of the hat is turned, withdrawing the hair-pins and setting the catch-lever for subsequent automatic engagement.

Having described this invention, what I claim, and desire to secure by Letters Patent, is—

1. The hat-fastening consisting of a base-

plate and a spring-actuated movable plate carrying curved hair-pins, a center pin connected to the movable plate, guard-loops attached to the base-plate, and a spring-lever catch, 5 substantially as specified.

2. In a hat-fastener, the combination with a base-plate, of a spring-actuated movable plate mounted thereon, curved hair-pins carried by said movable plate, and a catch device for 10 holding said movable plate retracted and the spring thereof under tension, said catch device including means whereby it is released upon pressure of the head, substantially as specified.

15 3. In a hat-fastener, the combination with a

base-plate, of a spring-actuated movable plate mounted thereon, hair-pins carried by said movable plate, a catch device for holding said movable plate retracted and the spring thereof under tension, said catch device having a 20 horizontally-projecting arm lying in the center of the hat, whereby it is released when the hat is put on, and a covering-diaphragm, substantially as specified.

In testimony whereof I affix my signature in 25 presence of two witnesses.

JAMES E. SCOTT.

Witnesses:

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L. GUTTERMAN.