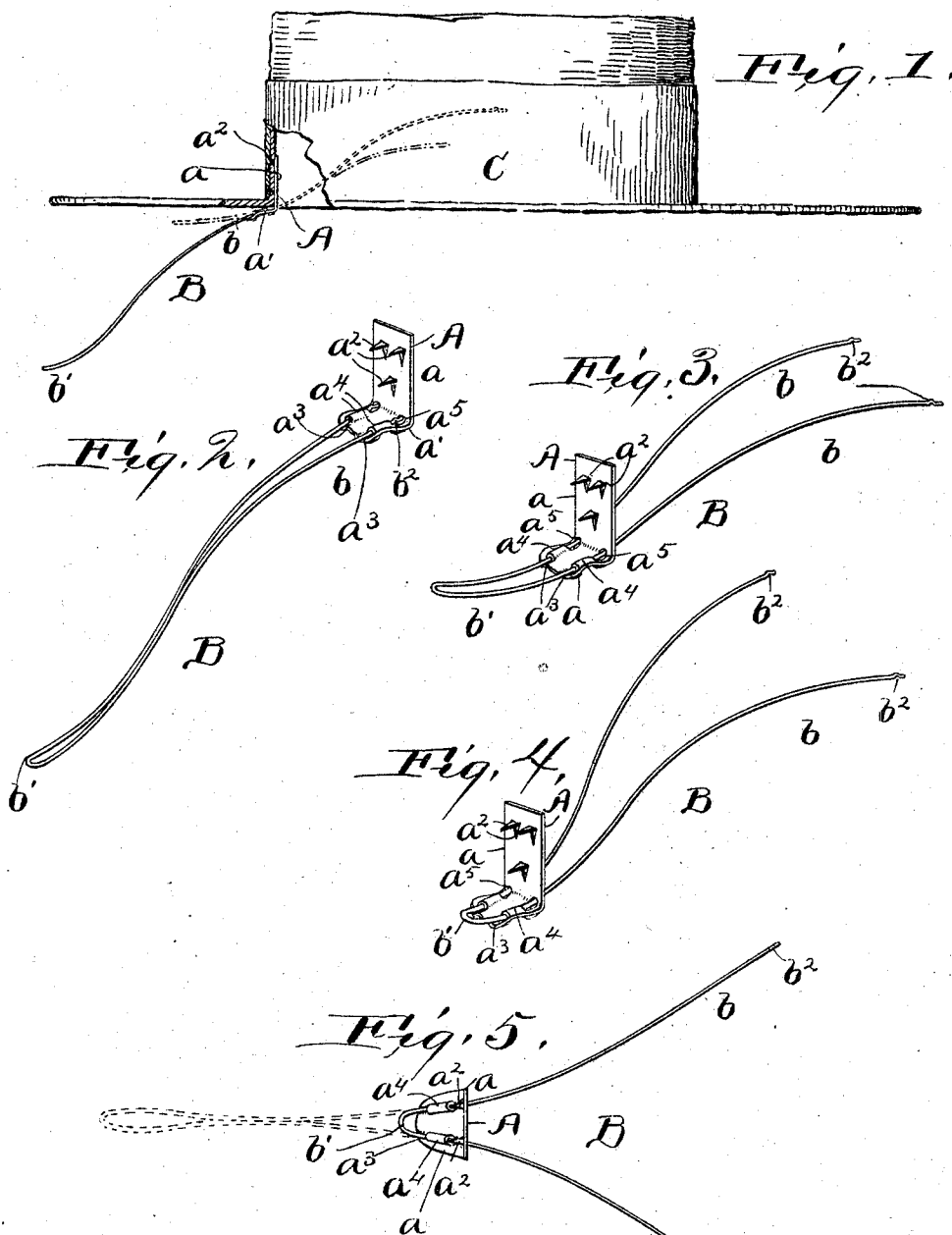


(No Model.)

T. G. McPHERSON.
HAT FASTENER.

No. 586,200.

Patented July 13, 1897.



Witnesses
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UNITED STATES PATENT OFFICE.

THOMAS G. MCPHERSON, OF CLEVELAND, OHIO.

HAT-FASTENER.

SPECIFICATION forming part of Letters Patent No. 586,200, dated July 13, 1897.

Application filed October 2, 1896. Serial No. 607,719. (No model.)

To all whom it may concern:

Be it known that I, THOMAS G. MCPHERSON, a citizen of the United States, residing at Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful Improvements in Hat-Fasteners; and I do hereby 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.

My invention relates to improvements in hat-fasteners to be permanently connected to a woman's hat or bonnet.

The object of my invention is to provide a novel, cheap, and simple construction for such devices wherewith the hat may be very firmly and securely fastened to a woman's head.

The invention consists in the construction and combination of parts hereinafter described and claimed.

In the drawings, Figure 1 is a side elevation of my invention when secured to a hat. Fig. 2 is a perspective view of said invention when the hat-pin is retracted to the position it will occupy when the hat is ready to be put on or taken off. Fig. 3 is a perspective view when the pin is partly pushed in. Fig. 4 is a perspective view when the pin is pushed in as far as it will go, and Fig. 5 is a plan view of the device as shown in Fig. 4.

Referring to the parts by letter, A represents an angle-plate consisting of a vertical member a , which is intended to be secured by the integral tongues a^2 or by any other suitable means to the inside of the hat C at its lower edge, and a member a' , which should lie in a plane approximately tangential to the head of the wearer of the hat.

The pin B consists of two legs connected at their outer ends. In the best construction these legs are integral parts of the same piece of spring-wire, which is bent at its middle to bring the two legs into proper relation to each other. Viewed from the top these legs will be seen to curve away from each other slightly, and viewed from the side they have an ogee form, the inner ends b being curved downward, while the outer ends b' are curved upward. These legs are longitudinally movable in the slightly-diverging guides a^3 , which, as shown, are formed by bending upward from

the tangential member a' two straps a^4 a^4 . The pin-legs lie upon the tangential member a' and between it and the said straps. Holes a^5 a^5 for the pin to pass through are formed in the vertical member a in line with the guides a^3 . The pin-legs near their inner ends are crimped or sharply bent, as at b^2 , and these crimped parts may pass through the holes a^5 , but they engage with the straps a^4 , and thereby prevent the unintentional withdrawal of said pin. They may, however, be pushed or drawn through the guides a^3 , if desired, by the application of sufficient force, and they do pass through them in assembling the parts, as shown.

When the hat is placed upon the wearer's head, the pin is drawn out until the crimps b^2 engage with the said straps a^4 , and when in this position the ends of the pin do not project beyond the inner face of the vertical plate member a . The pin is then pushed in, and by reason of the shape of the outer ends b of said pin it follows approximately the curve of the wearer's head until it reaches the position shown in Fig. 3. In so moving it engages the wearer's hair. When pushed beyond this point, the upwardly-curved part b' of the pin passes into the guides a^4 , the result being that the inner ends of the pin are thrown up, whereby the hat is drawn down firmly upon the head. The action of the pin is illustrated by the two sets of dotted lines in Fig. 1. During the entire inward movement of the pin the inner ends thereof are caused to diverge more and more, thereby taking a better and broader hold upon the hair.

Having described my invention, I claim—

1. In a hat-fastener, the combination of an angle-plate consisting of a vertical part which is adapted to be secured to the body of a hat, and a part extending outward at an angle thereto, the latter part having diverging guides for the legs of the hat-pin, with a hat-pin having two legs which are longitudinally movable in said guides, and are connected at their outer ends, substantially as and for the purpose specified.

2. In a hat-fastener, the combination of an angle-plate consisting of the parts a a' , the former being adapted to be secured to the body of a hat, the latter having diverging guides

for the two-legged hat-pin, and the former having holes for the passage of said pin, with a two-legged hat-pin formed of a single piece of bent spring-wire, substantially as and for the purpose specified.

3. In a hat-fastener, the combination of a plate adapted to be secured to the body of a hat, and having two diverging guides for the hat-pin, with a hat-pin made of spring-wire, having two legs which are movable longitudinally in said guides, which legs are curved laterally away from each other, and are also curved downward at their inner ends and upward at their outer ends, substantially as and for the purpose specified.

4. In a hat-fastener, the combination of an angle-plate consisting of the parts a' , the latter having upwardly-bent straps a^4 , and the former being adapted to be secured to the body of a hat, and having holes a^5 , with the

hat-pin having two legs which are formed integrally from the same bent wire, and are of ogee form, substantially as and for the purpose specified.

5. In a hat-fastener, the combination of an angle-plate consisting of a vertical part adapted to be secured to the body of a hat, and an approximately horizontal part having diverging guides for the hat-pin, with a two-legged hat-pin made of spring-wire, the legs of which are curved laterally away from each other, and are also curved downward at their inner ends and upward at their outer ends, substantially as and for the purpose specified.

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

THOMAS G. McPIERSON.

Witnesses:

E. L. THURSTON,
E. B. GILCHRIST.