

A. B. CLINGELEFFER.
HAT FASTENER.
APPLICATION FILED MAY 22, 1912.

1,063,855.

Patented June 3, 1913.

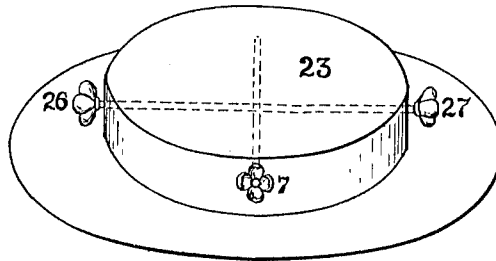


FIG. 4

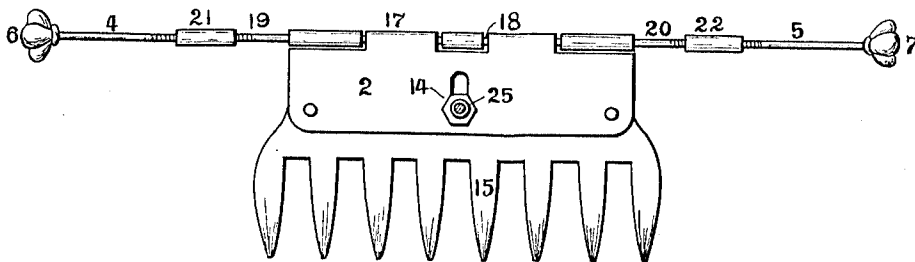


FIG. 1

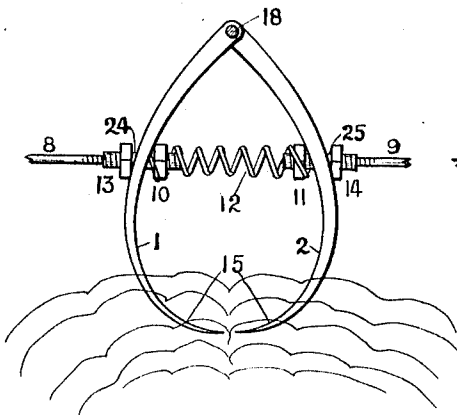


FIG. 2

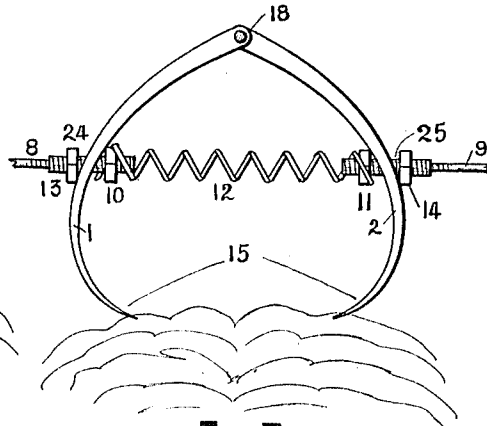


FIG. 3

Witness:
W. H. Roche
C. H. Crawford

Inventor:
Alan B. Clingeleffer
by D. E. Einger
Atty

UNITED STATES PATENT OFFICE.

ALAN BOUTCHER CLINGELEFFER, OF STEWART ISLAND, NEW ZEALAND.

HAT-FASTENER.

1,063,855.

Specification of Letters Patent.

Patented June 3, 1913.

Application filed May 22, 1912. Serial No. 698,947.

To all whom it may concern:

Be it known that I, ALAN BOUTCHER CLINGELEFFER, a subject of the King of Great Britain, residing at Stewart Island, New Zealand, have invented new and useful Improvements in Hat-Fasteners, of which the following is a specification.

This invention relates to devices for fastening hats to the hair of the wearer of the type in which spring actuated jaws provided with teeth are used.

According to this invention the device can be attached to any size or shape of hat and can be readily removed therefrom for use in another hat, the same holes being used on all occasions, it cannot be lost by dropping out and there are no sharp points projecting to the danger of persons in the vicinity.

The invention consists in the features and combination and arrangement of parts hereinafter described and more particularly pointed out in the claims.

Figure 1 is a side view of the device. Fig. 2 is an end view of the device with the spring actuated jaws closed. Fig. 3 is an end view of the device with the spring actuated jaws open. Fig. 4 is a perspective view of a hat showing the securing pins of the device in position.

Referring to the drawings a pair of similar jaws or combs 1, 2, provided with curved teeth 15, are hinged together by a hinge (17) of which the hinge pin (18) has prolonged ends (19) (20) threaded externally to enter internally threaded tubular pieces (21) (22) which also receive extension pieces 4, 5 of suitable length to extend across and pass through both sides of the hat (23) the ends having secured thereto ornamental knobs 6, 7. Transversely of the hinge is a helical spring (12) lying between the jaws 1, 2, the ends of the spring being secured by nuts 10, 11 to the internally and externally threaded tubular bolts (24) (25) which pass through the jaws 1, 2 and have nuts 13, 14 thereon which with the helical spring hold the jaws together. Pins 8, 9 externally threaded enter the tubular bolts (24) (25) and with similar tubular and extension pieces are long enough to extend across the hat transversely to the other series of pins, and pass through both sides of the hat (23) the ends terminating in ornamental knobs (26) (27). The device having thus been secured to the inside of the hat by means of the pins 4, 5, 8, 9 it is only necessary to lay hold of the

outer ends or knobs (26) (27) of the transverse pins 8, 9 with the fingers and pull them outward whereupon the helical spring 12 is extended and the jaws 1, 2 are opened sufficiently to permit the teeth to clear the hair of the wearer when the hat is put on, whereupon the knobs (26) (27) are released and the jaws close under the influence of the spring 12 causing the teeth 15 to bury themselves in the hair of the wearer. To remove the hat from the wearer the transverse pins 8, 9 are pulled outward by means of the knobs 26, 27 extending the spring 12 opening the jaws and drawing the teeth out of the hair and so allowing the hat to be taken off the head of the wearer.

In order to detach the device from the hat the end lengths of each pin are unscrewed whereupon the device becomes detached from the hat and it can then be placed in the same state in another hat and the end lengths of the pins are passed through the hat from the outside and secured on to the portions inside.

The device may be attached to a hat by sewing.

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

1. In a hat fastener, the combination of jaws adapted to engage the hair, a pin having screw threaded ends pivotally connecting said jaws together, two internally threaded elements, one for each inserted end of said pin, and two extension pieces each having a screw threaded end and adapted to extend through the crown of the hat and screwed into the said internally threaded elements of said pin, substantially as and for the purpose set forth.

2. In a hat fastener, the combination of two jaws adapted to swing toward or from each other, tubular nuts, one carried by each jaw, a contractor spring intermediate said jaws and having its ends secured thereto by said nuts, and pins, each having a screw threaded end adapted to be passed through the crown of the hat and inserted into one of said tubular nuts, substantially as and for the purpose set forth.

3. In a hat fastener, the combination of a jaw, a second jaw adapted to move toward or from said first mentioned jaw, a tubular nut carried by said second mentioned jaw, a contraction spring having one end operatively connected with said second men-

tioned jaw by said nut, means for connect-
ing the other end of said spring with said
first mentioned jaw, and a pin having a
screw threaded end adapted to be passed
5 through the crown of the hat and inserted
into said tubular nut, substantially as and
for the purpose set forth.

In testimony whereof I have signed my
name to this specification in the presence of
two subscribing witnesses.

ALAN BOUTCHER CLINGELEFFER.

Witnesses:

CHARLES HENRY ROBERTS,
JOHN HENRY GILBERTSON.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents,
Washington, D. C."
