

J. F. ZETKA.
HAT FASTENER.

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1,056,083.

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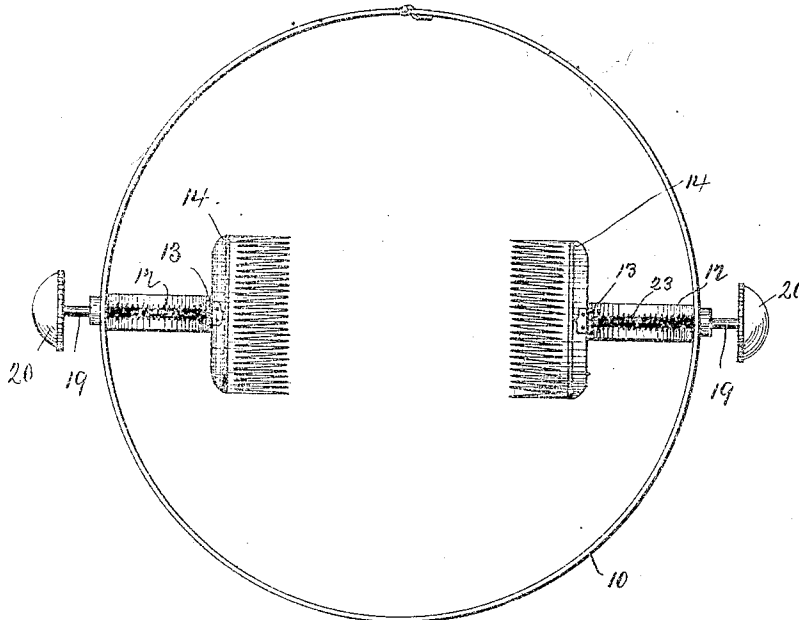


Fig. 1.

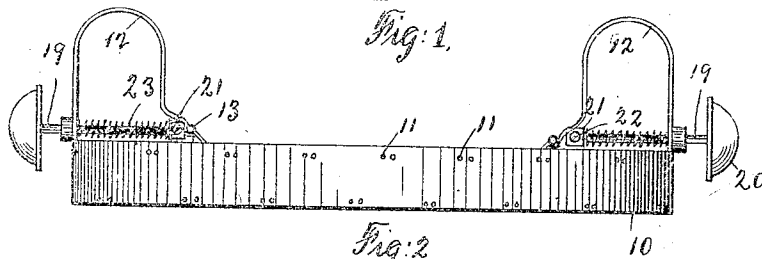


Fig. 2.

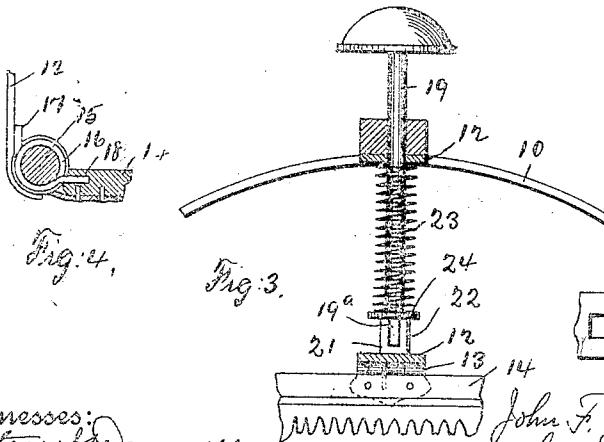


Fig. 3.

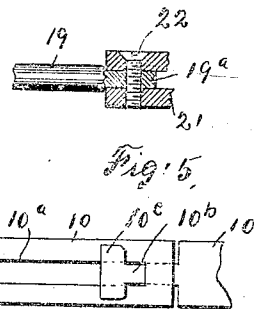


Fig. 4.

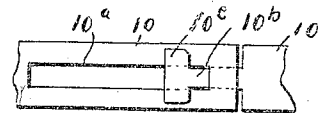


Fig. 5.

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UNITED STATES PATENT OFFICE.

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HAT-FASTENER.

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To all whom it may concern:

Be it known that I, JOHN F. ZETKA, of the city of Newark, county of Essex, and State of New Jersey, have invented a new and useful Improvement in Hat-Fasteners, of which the following is a full, clear, and exact description.

My invention relates to improvements in hat fasteners, and more especially to fasteners for securing ladies' hats to the head.

The object of my invention is to produce a simple apparatus which will dispense with the need of hat pins, which is carried on a band adapted to be secured to the band of a hat, and in which combs are employed to engage the hair and secure the hat in place. The combs are hinged so as to have the necessary freedom of action, and are supported by spring hangers rising from the band and are connected with pins which project outward through the hat band and are provided with ornamental heads so that by grasping the pins and pulling them out, the combs are released, while by releasing them the combs are securely engaged in the hair, thus securing the hat.

The construction is made simple so as to be inexpensive, and the parts are arranged so that while the hat can be quickly fastened or unfastened, there is nothing about the device to get out of order or to become entangled with the hair.

Reference is to be had to the accompanying drawings forming a part of this specification, in which similar reference characters indicate corresponding parts in all the views.

Figure 1 is an inverted plan view of the complete device. Fig. 2 is a side elevation thereof. Fig. 3 is an enlarged detail sectional plan showing the means for operating one of the combs. Fig. 4 is an enlarged detail section of the spring connection with one of the combs. Fig. 5 is a detail of the hinge of the operating rod or pin, and Fig. 6 is a broken inside elevation of the preferred form of the band.

The device is provided with a band 10 which is adapted to be secured within the band of a hat, and which should be of light material such for instance as celluloid. It has preferably holes 11 which may be placed at necessary intervals so that the band may be readily stitched to the hat, or it may be fastened in any other convenient way.

Leading from opposite upper edges of the band are bow springs 12 which are preferably of the same material as the band, and are also preferably integral therewith, the free ends of the spring hangers thus formed being hinged as shown at 13 to horizontally arranged combs 14 which are adapted to engage the hair, and the combs are pressed downward into engagement with the hair by springs 16 (see Fig. 4) which are preferably coiled around the pintle 15 of the hinge 13, one end abutting with the spring hanger 12 as shown at 17, and the other end 18 entering a hole in the comb 14, so that the tension of the spring will force the comb downward. This is the preferred arrangement of the spring, as it keeps it out of contact with the hair, but other forms of spring devices can be used if desired.

Connecting with each spring hanger 12 near its free end, is a rod or pin 19 which extends laterally outward through the band 10 and through the hat when the band is in place, this pin or rod having at its outer end a head 20 which can be ornamented in any preferred way. At its inner end the rod or pin 19 is flattened as shown at 19^a, and made to enter the split block 21 on the spring hanger 12, and a pin 22 in the form of a screw fastens the parts 19^a and 21 together and serves as a hinge pintle. It will also be seen that this arrangement enables the rod 19 to be supported from the parts 12, so that after the band is in place the rods or pins 19 can be pushed through the hat and band and engaged as described by inserting the screw 22. Near the inner end of each rod 19 is a washer 24, and a spiral spring 23 is coiled around the pin or rod 19 between the washer and the band 10 and serves to push the free end of the spring hanger 12 and the comb 14 inward into engagement with the hair.

It will be seen that when the device is in position in the hat, the pins 19 can be pulled outward, thus freeing the combs 14 from the hair and permitting the hat to be removed, while by releasing the pins, the springs 23 and 12 serve to engage the combs, and the springs 16 push them down into contact with the hair, thus making the fastening easy and secure.

In Fig. 6 I have shown the preferred form of the band which makes it adjustable so as to fit hats of different sizes. The band

10 is split, and near one end is a longitudinal slot 10^a, while the opposite end is provided with a tongue 10^b which extends into the slot, and has a head 10^c which slides in the band and is wider than the slot. In this way the band can be opened or closed so as to make it longer or shorter as desired.

From the foregoing description it will be understood that the band 10 and the fastening devices thereon, can be applied to any usual hat, and to a hat of any desired style.

I claim:—

1. A hat fastener comprising a band adapted for attachment to a hat, hangers in the form of bow springs extending upwardly and inwardly from the band, combs hinged to the spring hangers, and slide rods for releasing the combs projecting outward from the band and having their inner ends connected with the spring hangers.

2. A hat fastener comprising a band adapted for attachment to a hat, hangers in the form of bow springs supported on the band, spring pressed combs hinged to the springs near the free ends of the springs, and spring pressed slide rods for releasing

the combs supported on the band and connected to the bow springs.

3. A hat fastener comprising a band adapted for attachment to the inside of a hat, spring hangers carried by the band, spring pressed combs hinged to the spring hangers, and spring pressed slide rods for releasing the combs supported on the band and having a hinge connection with the inner members of the spring hangers.

4. A hat fastener comprising a flat band adapted for attachment to a hat, upwardly bowed hangers extending inwardly from opposite sides of the band to suspend the hair engaging combs, the free ends of the hangers being movable in and out with relation to the band, combs hinged to the free ends of the hangers, and slide rods for releasing the combs projecting outward from the band and having their inner ends connected with the hangers near their free ends.

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