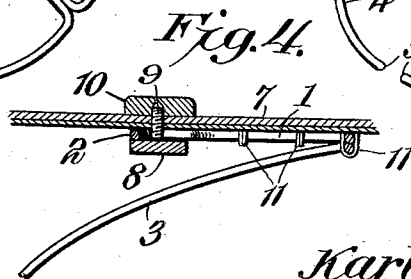
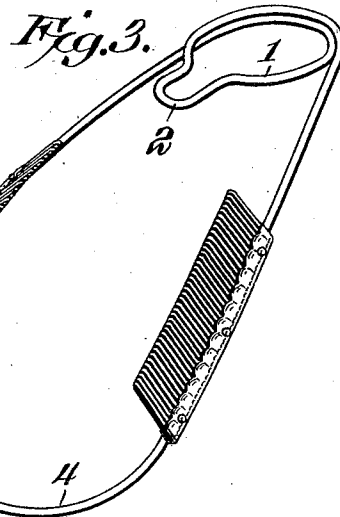
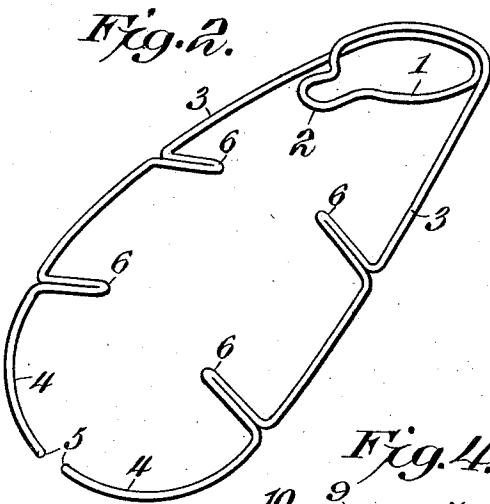
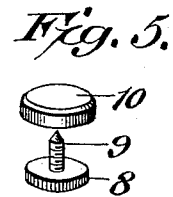


K. KEPLINGER.
HAT FASTENER.
APPLICATION FILED JAN. 6, 1912.

1,054,648.

Patented Feb. 25, 1913.



WITNESSES

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KARL KEPLINGER, OF STUTTGART, GERMANY, ASSIGNOR TO JOSEPH DOTZLER, OF
TEMPLETON, IOWA.

HAT-FASTENER.

1,054,648.

Specification of Letters Patent.

Patented Feb. 25, 1913.

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To all whom it may concern:

Be it known that I, KARL KEPLINGER, a subject of the Emperor of Germany, residing at Stuttgart, in the Kingdom of
5 Wurttemberg, Empire of Germany, have invented a new and useful Hat-Fastener, of which the following is a specification.

This invention relates to hat fasteners and has for its object the provision of a simple,
10 efficient and slightly device arranged to be associated with the hat and easily manipulated in the act of putting the hat upon the head to engage with the hair of the wearer and prevent subsequent displacement, doing
15 away with the ordinary inconvenient and dangerous hat pins heretofore used.

The invention, as thus outlined and as hereinafter particularly claimed, will be readily understood from the following detailed description taken in connection with
20 and based upon the accompanying drawings which illustrate the preferred and a modified embodiment of the same.

In these drawings—Figure 1 illustrates
25 the application of the invention to a lady's hat to secure the same upon the head; Fig. 2 is a detail perspective view of the preferred embodiment of the invention; Fig. 3 is a similar view showing a modified form;
30 Fig. 4 is a sectional, fragmentary view showing in detail the manner of securing the device to a hat; and Fig. 5 is a detail view of one form of fastening clamp.

Referring to the drawings, the improved
35 fastening device comprises a spring structure made of spring wire and having its central portion formed as a coil 1, with a loop 2. The wires of the coil continue from the front portion of the coil rearwardly as
40 arms 3 extending from the plane of the coil downwardly and outwardly and then inwardly turned as at 4, and terminating in rounded ends 5. The arms are preferably
45 bent in their medial portion inwardly and upwardly and then back upon themselves to form laterally projecting hair-penetrating members 6.

The coil 1 is secured in the crown of the hat at 7 by means of a separable clamp comprising a button 8, having a threaded stem
50 9 adapted to engage within a threaded opening in a cap 10. The clamp is arranged with its button 8 bearing upon the lower face of the loop 2 with its stem 9 passing upwardly through said loop and transfixing

the hat crown, the cap 10 being then screwed upon the stem and bearing upon the upper surface of the crown, as shown in Fig. 4. The coil is also secured, preferably, by a series of stitches 11, arranged at intervals
60 around said coil and connecting the same with the hat crown, as shown in Fig. 4. While advantageously both fastening means are used, either one may be omitted under certain circumstances.

The natural tendency of the spring arms is to assume a position slightly inclined to the plane of the coil, and thus when not in use the device will occupy a position almost
65 if not quite concealed within the crown of the hat. When the hat is placed upon the head the lower portion of the two arms is grasped and drawn downwardly and outwardly in the act of placing the hat upon
70 the head. When released, the spring action of the arms tends to return the arms inwardly and upwardly so that the members 6 and 4 enter the hair and effectually secure the hat in position against movement in any
75 direction.

If desired, one of the members 6 or both of them may be substituted by side combs affixed to the arms 3 in such manner as to project inwardly and upwardly in rigid
80 relation to said arms, so that when the arms are released, the combs will enter the hair and present the appearance of ordinary ornamental combs, while serving as points of anchorage in the hair for the spring arms attached to the hat.

What is claimed is:

1. A fastening device for hats comprising a single piece of wire formed at the middle portion into a closed loop adapted to be secured to the inner top wall of a hat crown
85 and provided with oppositely disposed spring arms integral with and extending from the forward end of the loop rearwardly, outwardly, and downwardly with respect to the hat, and terminating in inwardly, and upwardly turned ends, said
90 arms being provided with intermediate hair entering devices directed inwardly and upwardly with respect to the hat toward the longitudinal center line of the fastening device at an angle thereto.

2. A fastening device for hats having a central portion adapted to be secured to the inner top wall of the crown of a hat and provided with oppositely disposed spring
105 110

arms yieldable with equal facility in different directions and extending from the forward end of the central portion rearwardly and downwardly with respect to the hat beyond the rear end of the support, said arms diverging from their connection with the support and at the rear ends approaching, intermediate portions of the arms being bent into hair entering fingers directed upwardly with respect to the hat toward the longitudinal center line of the crown of the hat.

3. A fastening device for hats comprising a single piece of wire bent into a central complete loop adapted to be secured to the inner top wall of the crown of a hat with oppositely disposed spring arms integral with and extending from the forward end of the loop rearwardly and downwardly with respect to the hat beyond the rear end of the loop, said arms diverging from their connection with the loop and at the rear ends approaching and at intermediate points provided with hair entering devices extended toward the center line of the fastening device in an upward direction with re-

spect to the hat, those devices on one arm being at an angle to the like devices on the other arm and the arms being elastic and yieldable with substantially equal facility in different directions.

4. In a fastening device for hats, a spring having a central coil adapted to be disposed within a hat crown in a substantially horizontal plane, said coil having on one side a loop, a detachable clamp transfixing said loop and securing the coil to the hat crown, spring arms extending from said coil outwardly, downwardly and inwardly, and arranged to press inwardly and upwardly against the side and the rear of the head, said spring arms bent upon themselves at intervals intermediate their length to form inwardly and upwardly hair-penetrating members.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

KARL KEPLINGER.

Witnesses:

EUGEN RIENHARDT,
WILHELM BERTSCH.

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