

R. F. VAN HEUSEN.  
HAT FASTENING DEVICE.  
APPLICATION FILED MAR. 12, 1910.

966,781.

Patented Aug. 9, 1910.

Fig. 1,

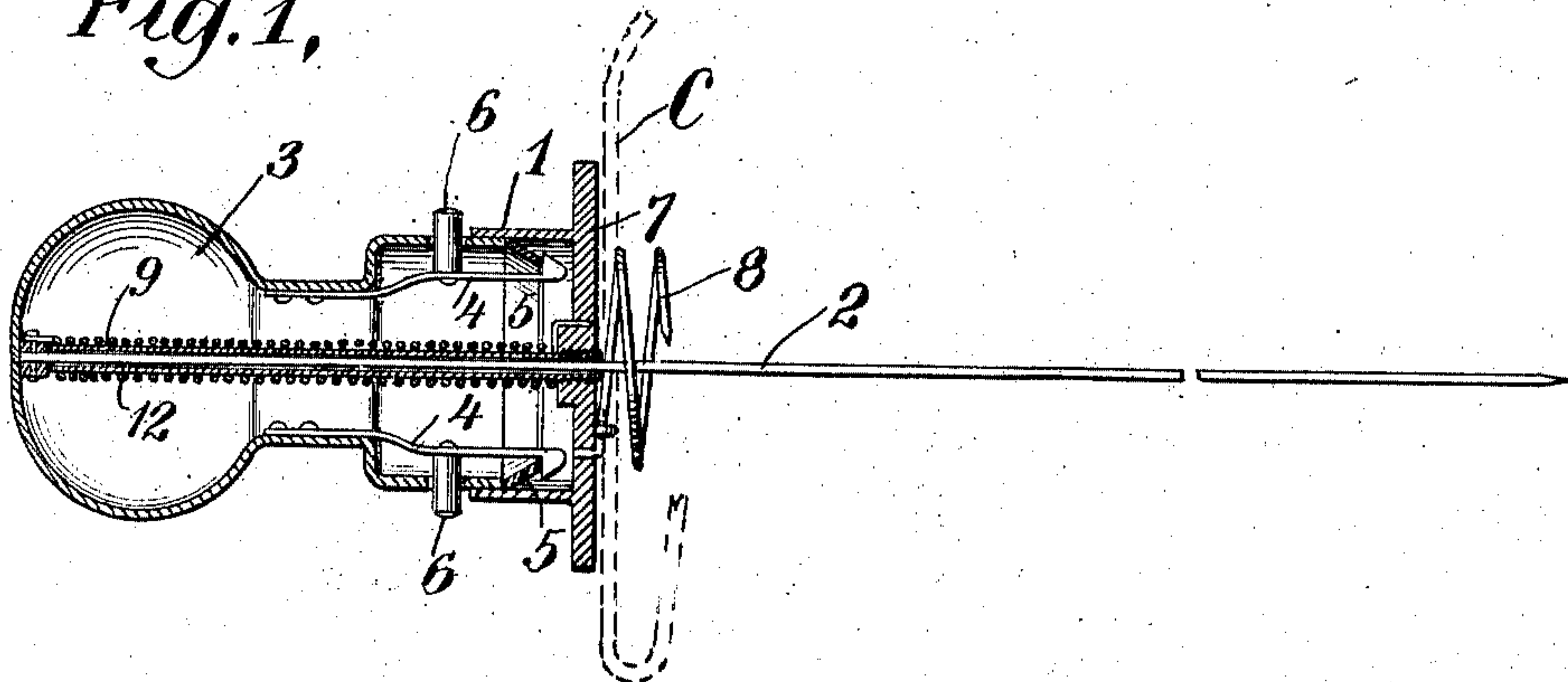


Fig. 2,

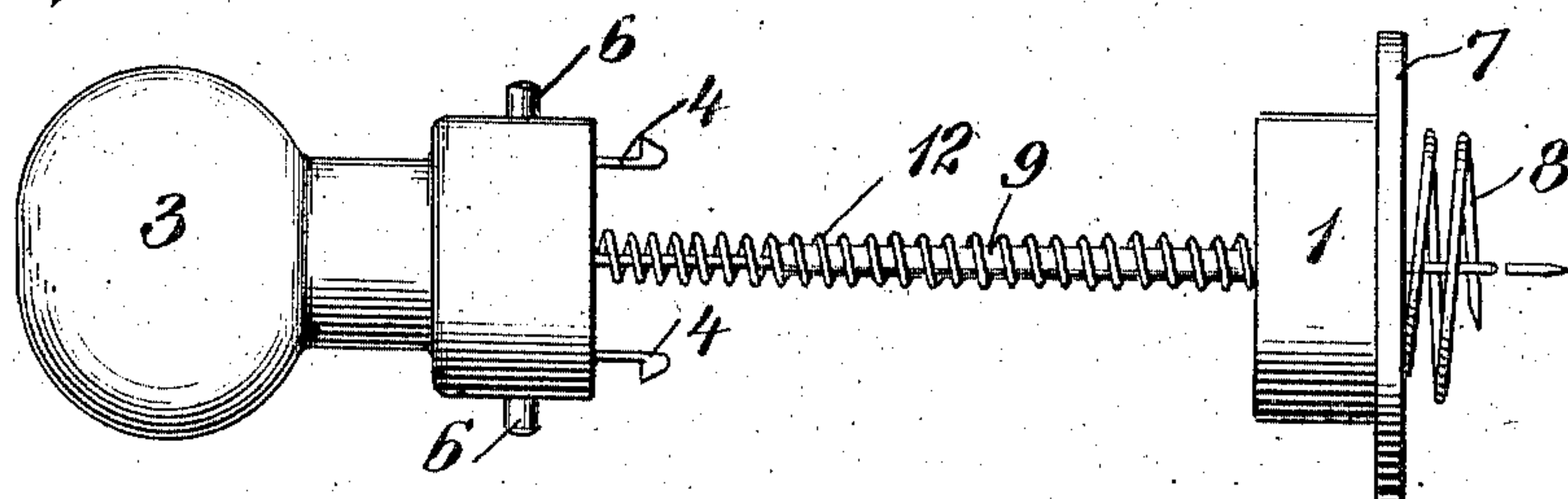


Fig. 3,

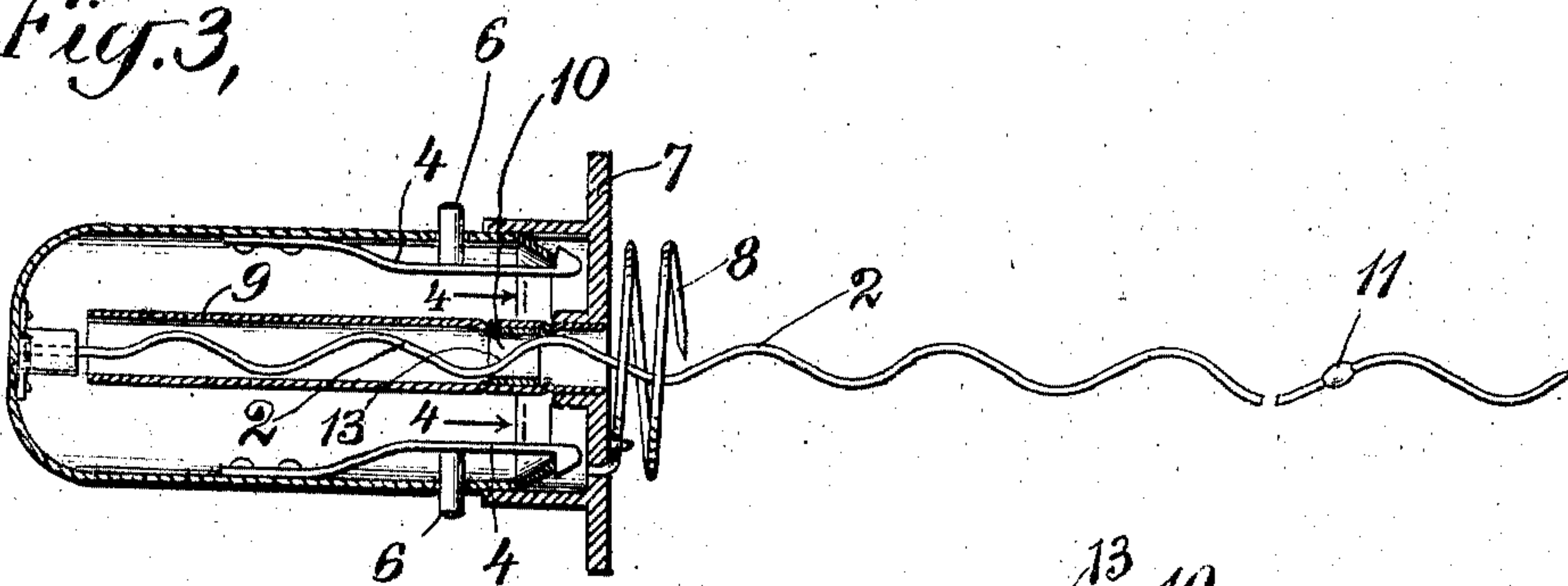
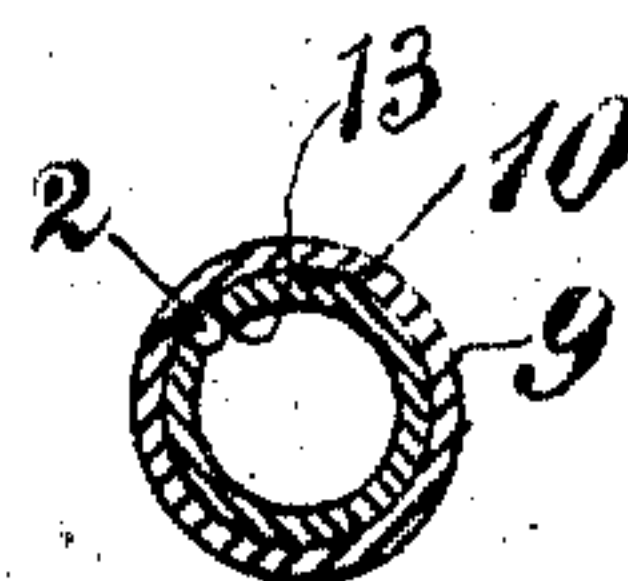


Fig. 4,



WITNESSES:

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# UNITED STATES PATENT OFFICE.

RICHARD FLETCHER VAN HEUSEN, OF FLATBUSH, NEW YORK.

HAT-FASTENING DEVICE.

966,781.

Specification of Letters Patent.

Patented Aug. 9, 1910.

Application filed March 12, 1910. Serial No. 549,035.

*To all whom it may concern:*

Be it known that I, RICHARD FLETCHER VAN HEUSEN, a citizen of the United States, having a residence and post-office address at 2177 Clarendon road, Flatbush, Long Island, New York, have invented certain new and useful Improvements in Hat-Fastening Devices; 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.

The purpose of the invention is to provide a hat-retaining device, or stay for ladies' hats, that will do away with sharp, protruding hatpin points, and yet securely hold the hat to the hair of the wearer. The device of my invention not only accomplishes this primary purpose, but it also constitutes a hat stay which remains fixed to the hat and does away with the constant readjustment necessary with the common style of hat pins. Moreover, the character of the device is such that it effects a considerable saving of time in putting on and taking off the hat. For these purposes I provide a hatpin having an enlarged ornamental head, as is usual, but shorter than the ordinary pin, so that the point will not protrude through the other side of the hat. For the purpose of securely holding in place such a pin, which is without support at the other side of the hat, and preventing sagging against the scalp, I provide a socket which may be securely fastened in proper position on the hat, the shank of the pin passing through and being guided by the socket; and I further provide an interlock between the head and socket, whereby when the shank of the pin is forced in through the socket, until the head comes into engagement with the socket, the two are interlocked and rigidly held together.

In the following description and accompanying drawings I have set forth, in detail, two styles of hat-retaining device which embody my invention in its preferred form.

Figure 1 is a central longitudinal section of one form of the improved hat-retaining device, showing it in its intended position on the crown of a hat; Fig. 2 is an elevation of the same, but showing the pin withdrawn; Fig. 3 is a central section of another specific form of the hat-retaining device; and Fig. 4 is a section on the line 4-4 of Fig. 3.

Referring to Fig. 1 the crown of the hat is indicated at C in dotted lines, and to the side of the crown is attached a socket 1, through the center of which passes the shank 2 of the pin, carrying the enlarged, ornamental head 3, which head carries a pair of spring latches 4 arranged to take under an annular projection 5 within the socket, to lock the head to the socket and hold the pin in place. As will be understood, the two parts of the interlock may be separated by pressing with the fingers upon the buttons 6. It is not my intention to limit the design of the heads of my improved retaining-devices or pins in any particular, but on the contrary I propose to manufacture the devices with a variety of different styles of heads, and in each case the socket will be correspondingly varied to take the inner end of the head. Nor does the particular locking mechanism between the head and sockets constitute any essential feature of the invention, since there are a great variety of known ways of making such connections, a great many of which are used in connection with collar buttons, shirt studs, and the like. The thing desired is to provide a simple and easily manipulated interlock which will not mar the appearance of the ornamental head. In order that the retaining socket may thus vary in size and shape to fit the inner end of the head, in all designs, I prefer to mount it, as indicated in the drawings, on a flat plate 7, which has an extended bearing surface lying against the side of the crown. In this way a secure bearing surface is obtained whatever the size of the socket, but it will be understood that this feature is susceptible of great variation in size and shape, and may even be dispensed with entirely if the socket is of large diameter, or if the socket is otherwise securely fastened to the hat. It is desirable that the socket, or socket-carrying plate, should be readily attachable to, and removable from, the hat, and that the attaching device, or devices, should be of such character as not to mar the hat, and although the broad principle of my invention is not in any way limited to a particular form of attaching device, yet I have shown in the drawings, a form which admirably fulfils the intended purpose and which I prefer to employ. This device comprises a stiff, pointed wire coiled into a few turns and attached to the socket or socket-carrying plate, as indicated at 8 in the drawings. The hat-



retaining device is applied to the hat by thrusting pin 2 through the crown until coiled wire 8 comes in contact with the hat, when a twist or two securely fastens plate 7 to the crown, as shown in Fig. 1.

For the purpose of increasing the stiffness or steadiness of the support for the shank of the pin, I prefer to associate with the socket, as indicated in Figs. 1 and 3 of the drawings, a prolonged tube or guide-sleeve 9 within which the shank of the pin fits rather closely so as to have a long bearing-surface therein. In Fig. 1 the shank of the pin is straight, and the sleeve 9 embraces it closely, whereas in Fig. 3 the shank of the pin is coiled into a spiral with open turns and the guide-sleeve 9 is of sufficiently great diameter to receive this spiral, the whole arrangement forming a pin in which the tendency to sag is substantially eliminated.

A further and more specific aspect of my invention has to do with the provision of means whereby, without unduly limiting the longitudinal movement of the pin-shank in putting on and taking off the hat, the complete separation of the pin from the socket is prevented, and it thereby becomes impossible for the pin to fall out of the hat, after the socket has been attached. One form of such means is illustrated in Fig. 3, where it will be seen that the interior of the tube 9 is fitted with a tube section 10 (see Fig. 4), having a spiral slit or groove 13, in which the spiral pin shank lies, so that as the pin is withdrawn a stop, 11, fixed to the shank of the pin, comes into engagement with the tube section 10, and prevents the further withdrawal of the pin.

A more elaborate embodiment of the means for preventing the complete separation of the pin from the socket, and which has the additional function of automatically returning the head to its socket, and guiding and steadying the pin, is illustrated in Figs. 1 and 2, in which a coiled spring 12 surrounds the guide-sleeve 9 and is connected at one end to the socket or bearing plate 7 and at the other end to the head of the pin.

When applying the hat to the head of the wearer, the pin is withdrawn, as indicated in Fig. 2, the head of the pin is then thrust into the socket and the head and socket interlock.

It will be observed that the pin head serves the purpose of receiving and concealing the elongated guide-sleeve and the coiled spring 12, so that when the parts are in the position indicated in Figs. 1 and 3,

the pin will not differ in appearance from an ordinary hatpin.

It will be understood that two or more of these pins, or retaining-devices, will be used in conjunction with one another, as is customary with the ordinary hatpin, but it will not be necessary to have the shank of the pin long enough to protrude through the other side of the hat, to be supported thereby, and in this way the dangerous and objectionable protruding hatpin points are done away with.

What I claim is:

1. A hat-retaining device comprising a socket adapted to be attached to the hat, a long bearing-sleeve thereon, a pin passing through the bearing-sleeve, a head on the pin recessed to receive and conceal the bearing-sleeve, and a releasable interlock between the head and socket.

2. A hat-retaining device comprising a socket adapted to be attached to the hat, a pin passing through the socket, a head on the pin, a coiled spring surrounding the pin and attached at one end inside the head and at the other end to the socket, the head being recessed to receive and conceal the spring, and a releasable interlock between the head and socket.

3. A hat-retaining device comprising a flat plate having an extended surface adapted to bear against the crown of the hat, a socket on the plate, a long bearing-sleeve extending from the socket, a pin passing through the bearing-sleeve and plate, a head on the pin, a coiled spring surrounding the bearing-sleeve and attached at one end to the socket and the other end to the head, the head being recessed to receive the sleeve and spring, and a releasable interlock between the head and socket.

4. A hat retaining device comprising a pin, a socket through which the pin passes, a coiled pointed wire on the base of the socket for attaching it to the hat, a head on the pin, a releasable inter-lock between the socket and the end of the head adjacent thereto, and retaining means preventing complete separation of the pin from the socket but permitting sufficient relative movement to allow the wearer to put on and take off a hat without removing the socket therefrom.

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

RICHARD FLETCHER VAN HEUSEN.

Witnesses:

LOUISE OWEN,

WILLIAM H. DAVIS.