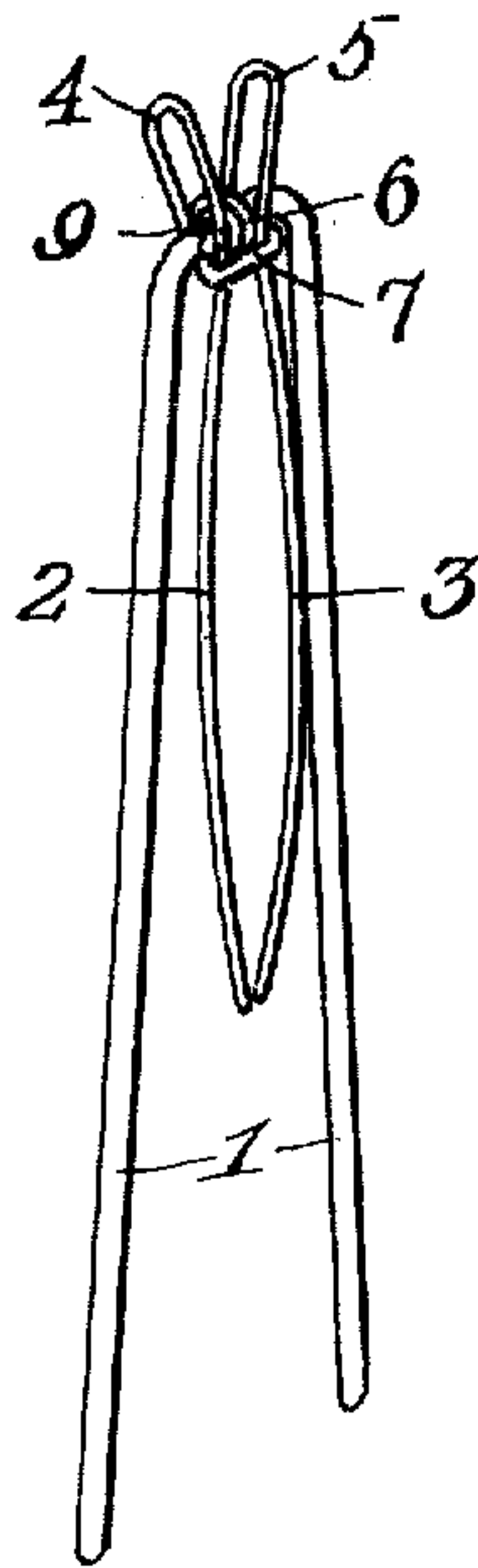


L. P. SHAW.  
HAIR PIN.  
APPLICATION FILED MAR. 14, 1908.

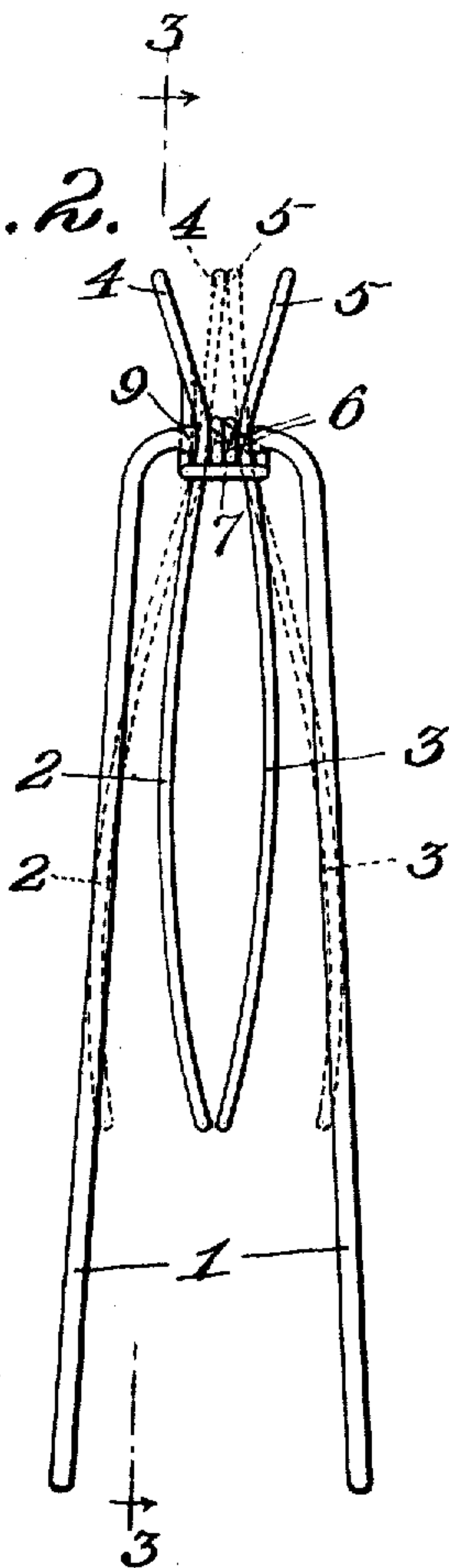
913,061.

Patented Feb. 23, 1909.

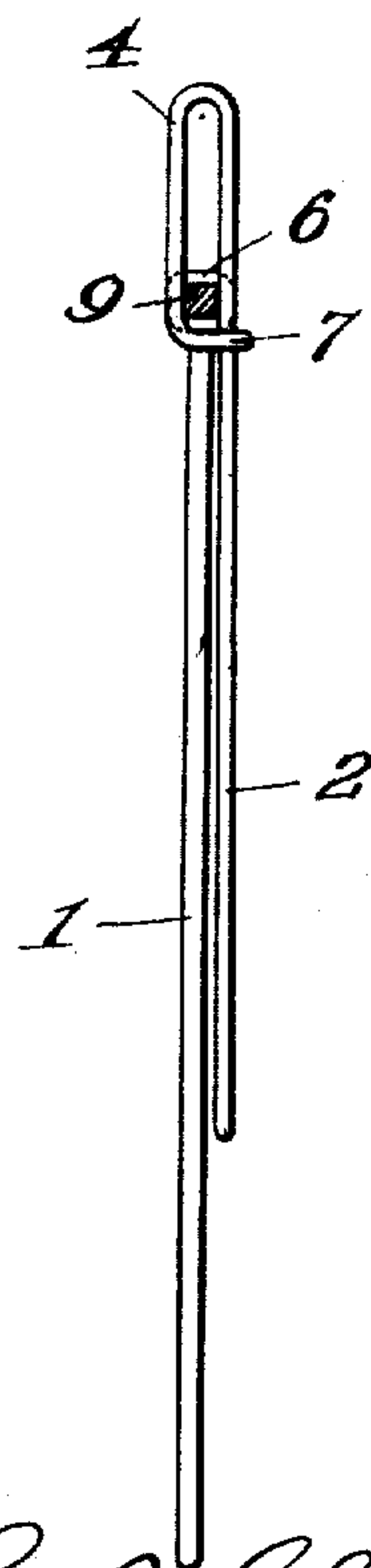
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



Witnesses

James F. Brown  
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# UNITED STATES PATENT OFFICE.

LEANDER P. SHAW, OF BRADFORD PENNSYLVANIA.

## HAIR-PIN.

No. 913,061.

Specification of Letters Patent.

Patented Feb. 23, 1909.

Application filed March 14, 1908. Serial No. 421,048.

*To all whom it may concern:*

Be it known that I, LEANDER P. SHAW, a citizen of the United States, residing at Bradford, in the county of McKean and State of Pennsylvania, have invented certain new and useful Improvements in Hair-Pins, of which the following is a specification, reference being had to the accompanying drawings.

My invention relates to improvements in hair pins and more particularly one having means for preventing it from working loose and dropping out of the hair.

The object of the invention is to provide a device of this character which will be simple and inexpensive in construction, easy to insert in or remove from the hair and effective in accomplishing its intended purpose.

With the above and other objects in view, the invention consists of the novel features of construction and the combination and arrangement of parts hereinafter fully described and claimed, and illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of my improved hair pin; Fig. 2 is a front view of the same showing its gripping jaws in their closed position in full lines and in their open position in dotted lines; and Fig. 3 is a section taken on the plane indicated by the line 3—3 in Fig. 2.

In the drawings 1 denotes a hair pin body of the usual U-shape or one of any other form and construction.

2 and 3 denote a pair of gripping or retaining jaws which spring normally toward each other and grip the hair between them and which are adapted to be separated by pressing together finger pieces 4, 5. While said jaws and their finger pieces may be of any suitable form and construction I preferably make them from a single piece of resilient wire by shaping the same to provide the loops or finger pieces 4, 5, a coil 6 which surrounds the closed end of the hair pin body 1, a laterally disposed loop 7 and the longitudinally curved or bowed jaws 2, 3 which extend through and are guided by the loop 7 which serves as a fulcrum for the jaws and permits the latter to have a swinging movement. The gripping jaws 2, 3 are preferably of less length than the arms of the hair pin and they are retained between said arms, preferably by flattening or squaring the closed end of the hair pin body, as

shown at 9, said coiled or bent portion 6 being arranged on the squared end 9, as shown in Fig. 3, so that the wire will not turn upon the pin. Owing to the resiliency of the wire and to the fact that the gripping jaws 2, 3 are integral with one branch of each of the finger loops 4, 5 and have a loose or pivotal mounting in the loop 7 it will be seen that when the latter are pressed together the jaws 2, 3 will be spread apart and alongside of the arms of the hair pin body 1, as indicated in dotted lines in Fig. 2; and that when said finger loops are released the jaws will spring together or to their full line position to grip the hair between them and retain the pin in the same. This lateral swinging movement of the jaws which is permitted by the pivot loop 7 permits them to be effectively engaged with and disengaged from the hair.

From the foregoing it will be seen that my improved hair pin may be inserted in and removed from the hair as readily as an ordinary hair pin, since by grasping the device at its upper end between the thumb and first finger the closed end of the pin body may be firmly held and at the same time the finger loops will be pressed together to separate the jaws 2, 3 and bring them substantially parallel with the arms of the pin. The instant the device is released the jaws 2, 3 will spring together and retain it in the hair. It will be noted that the invention may be produced at a comparatively small cost and that it will be strong and durable.

While I have shown and described in detail the preferred embodiment of my invention it will be understood that various changes in the form, proportion and minor details of construction may be resorted to without departing from the spirit or sacrificing any of the advantages of the invention as defined by the appended claims.

Having thus described my invention what I claim is:

1. A hair pin comprising a body of U-form having spaced arms and a closed end, and a resilient wire retaining device comprising a coiled or bent portion non-rotatably engaged with the closed end of the body, a guide loop, finger loops, and gripping jaws arranged in the guide loop and adapted to be actuated by the finger loops.

2. A hair pin comprising a body of U-form having spaced arms and a closed end provided with flat faces and a resilient wire re-



5 taining device comprising a coiled or bent portion engaged with the flat faces of the closed end of the body, a guide or pivot loop and gripping jaws arranged in said loop and having finger pieces at their outer ends, the inner ends of said jaws being adapted to swing laterally toward and from each other.

10 3. A hair pin comprising a body of U-form having spaced arms and a closed end, a pair of spring gripping jaws fulcrumed upon the closed end of the pin and adapted to swing

toward and from each other and the arms of the pin and diverging finger pieces projecting from said jaws and upwardly or outwardly from the closed end of the pin.

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

LEANDER P. SHAW.

Witnesses:

CARL S. CARMAN,  
CHARLES A. LESH.