

(No Model.)

W. F. KESSINGER.  
HAT PIN SECURER.

No. 603,830.

Patented May 10, 1898.

Fig. 1.



Fig. 2.

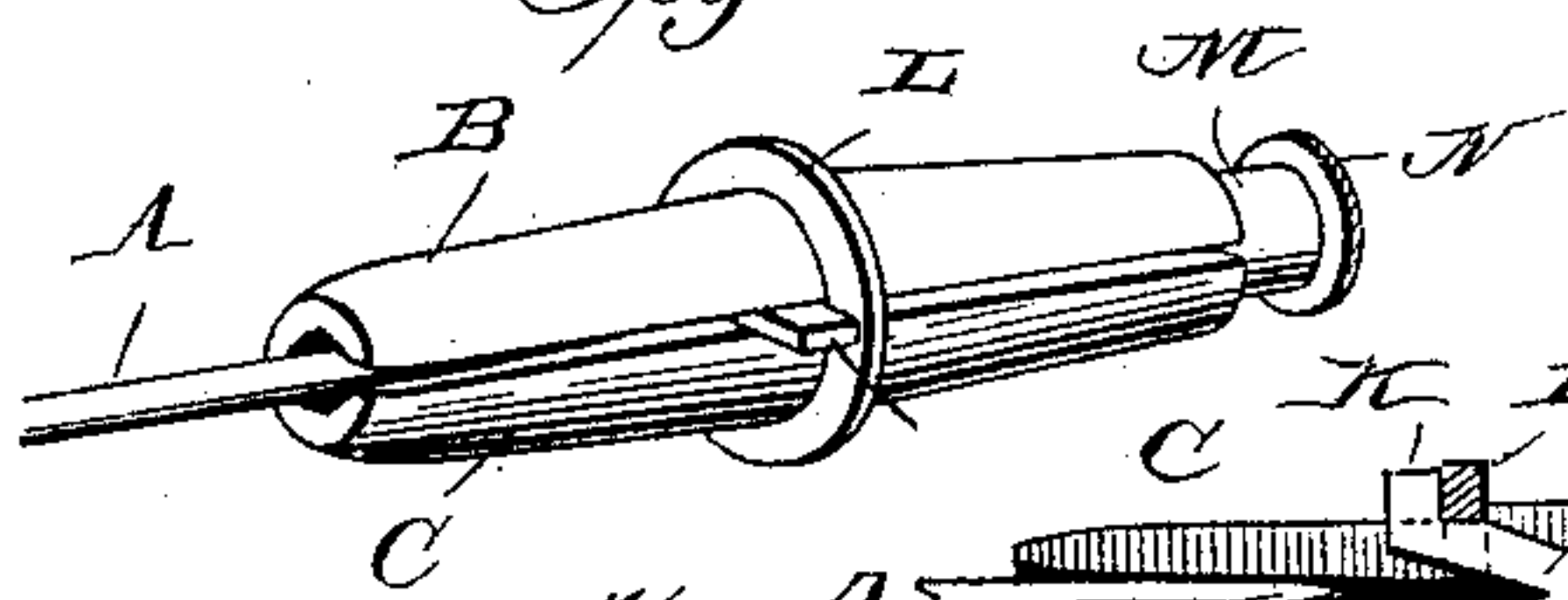


Fig. 3.

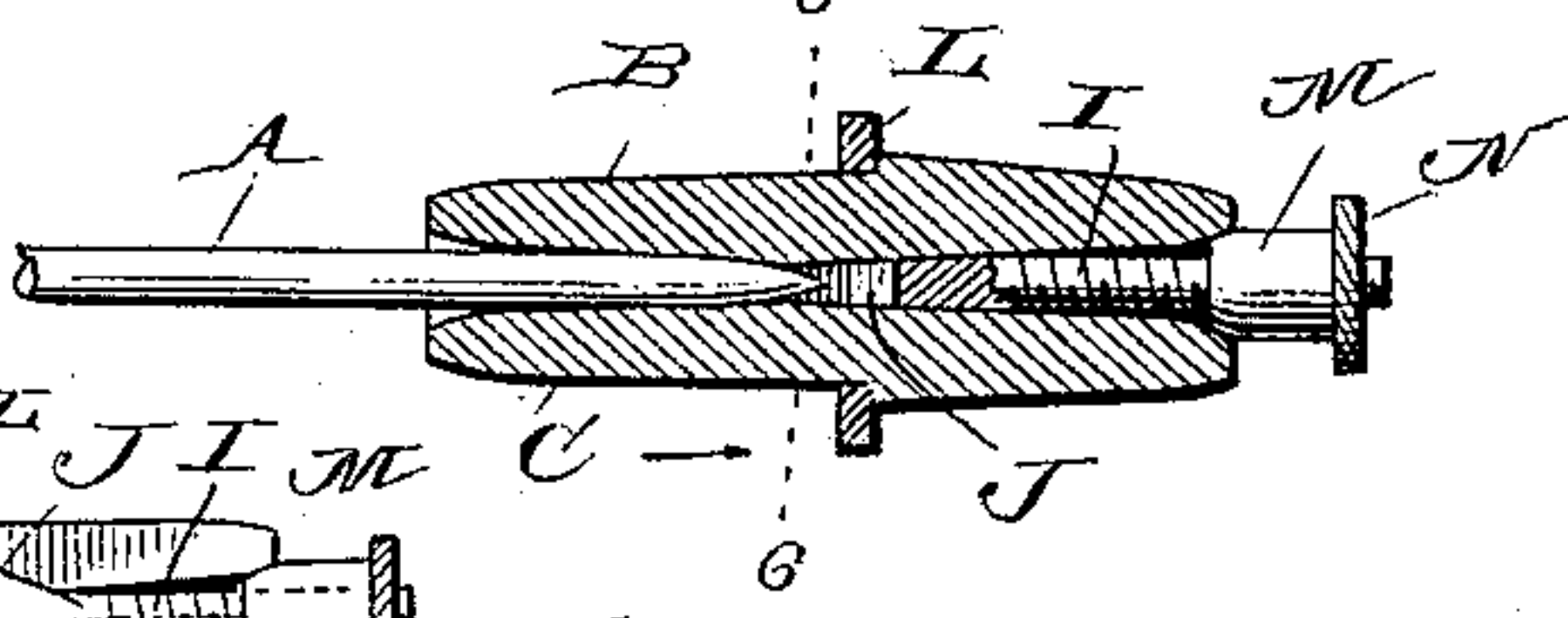


Fig. 4.

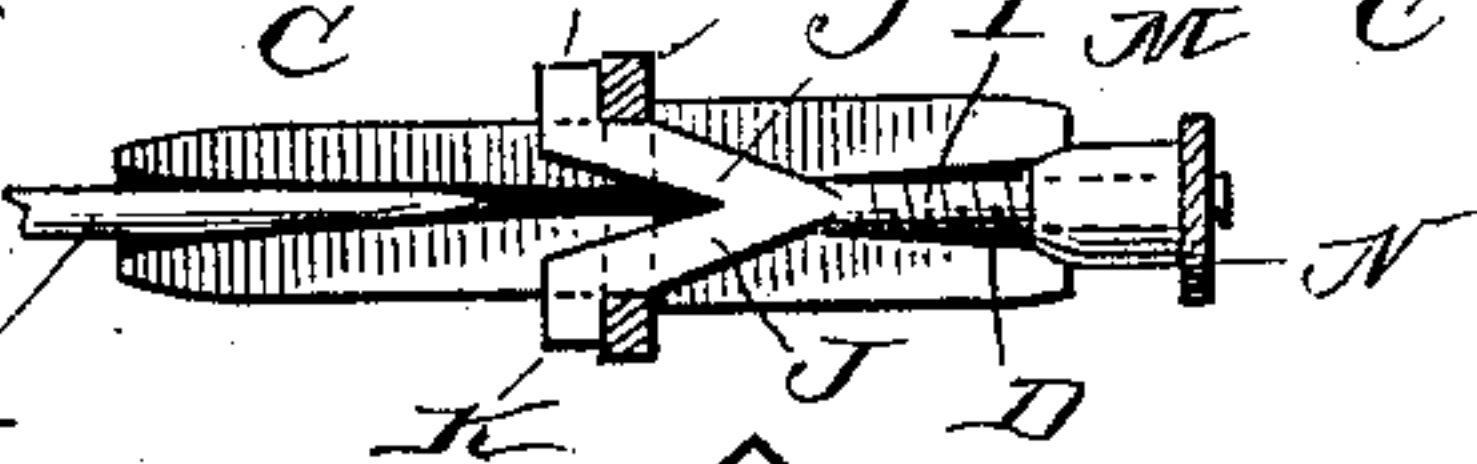


Fig. 5.

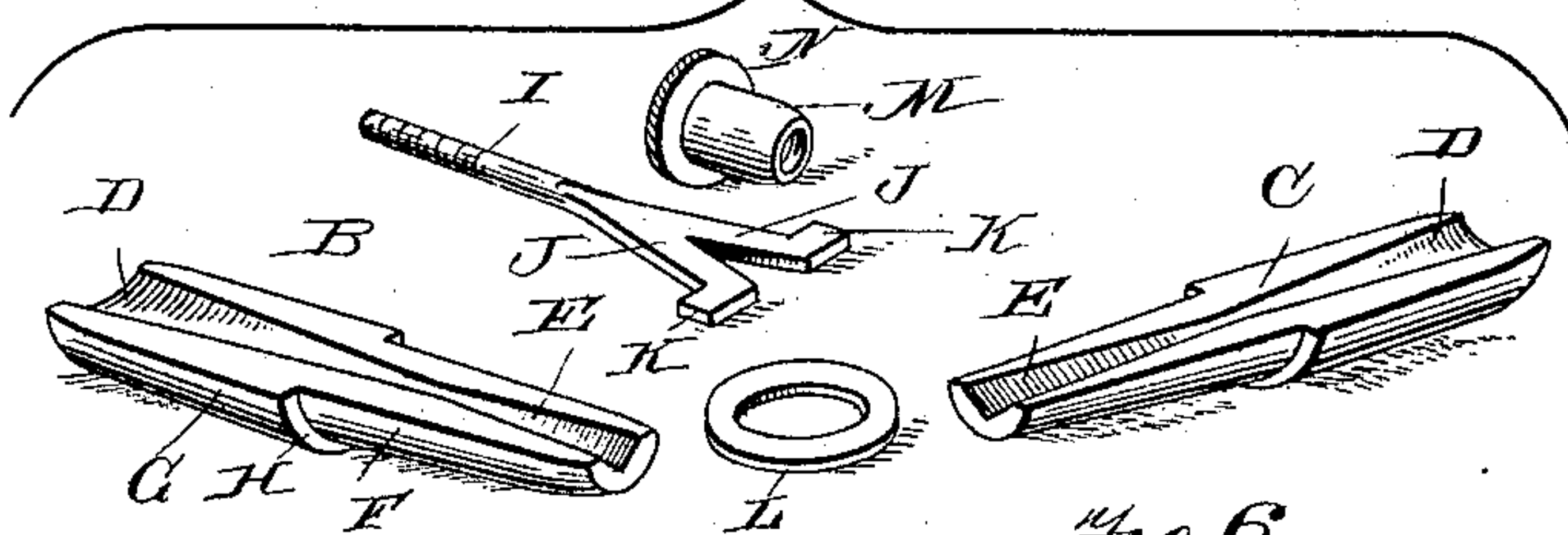


Fig. 7.

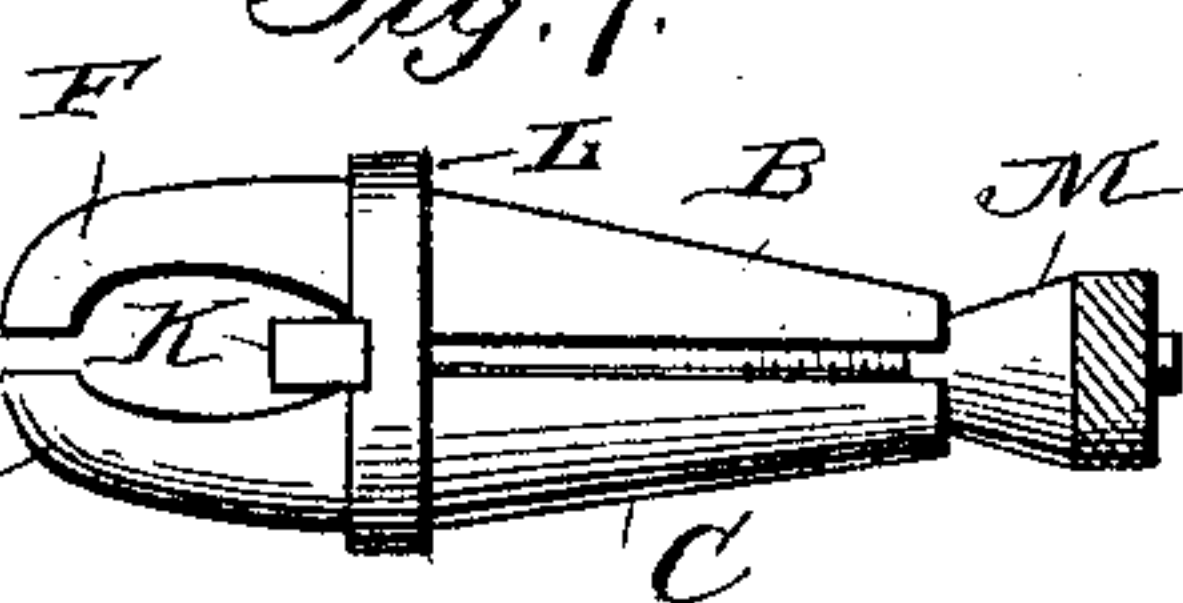
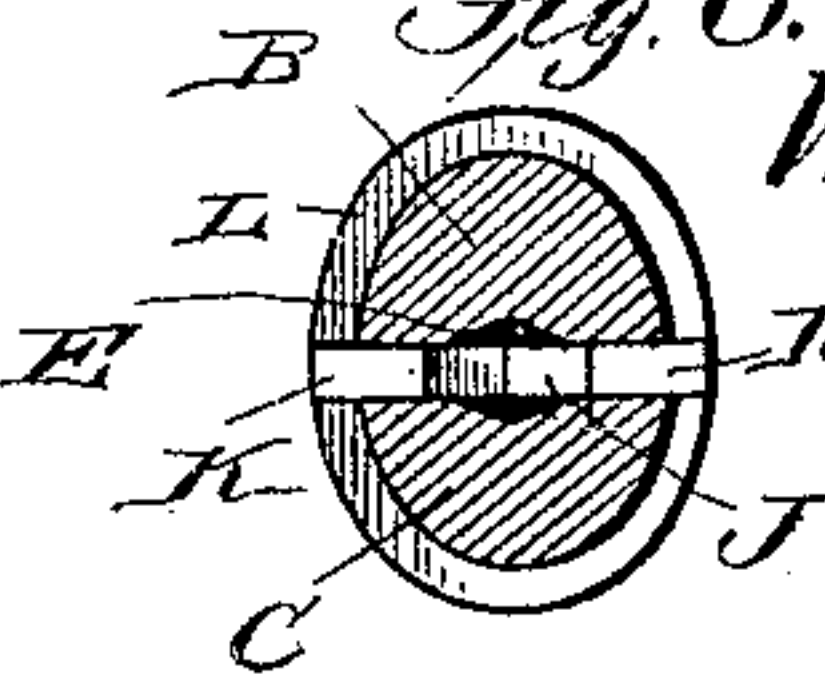


Fig. 6.



Witnesses

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# UNITED STATES PATENT OFFICE.

WILLIAM F. KESSINGER, OF BLANCHARD, PENNSYLVANIA.

## HAT-PIN SECURER.

SPECIFICATION forming part of Letters Patent No. 603,830, dated May 10, 1898.

Application filed January 4, 1898. Serial No. 665,556. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM F. KESSINGER, a citizen of the United States, residing at Blanchard, in the county of Centre and State of Pennsylvania, have invented a new and useful Hat-Pin Securer, of which the following is a specification.

My invention relates to hat-pins, and more especially to means for securing a hat-pin when inserted in the hat and through the hair to hold the hat on the head of the wearer.

The object of my invention is to provide simple, cheap, and reliable means adapted to be secured to the point of an ordinary hat-pin when projected through a hat and prevent the withdrawal of the hat-pin without the removal of the securing means.

With this object in view my invention consists in an improved vise or clamp adapted to be securely attached to the projecting point of a hat-pin by simple manipulation, the device being simple and cheap and at the same time reliable and durable.

My invention further consists in a vise or clamp adapted to be secured to the projecting point of a hat-pin or other similar structure, comprising a sleeve composed of two detachable jaws, the outer sides of which are tapered, a ring encompassing the sleeve, and means for sliding the ring upon the tapered outside of the sleeve to clamp its parts together upon the point of the pin or other similar structure.

My invention further consists in the improved construction, arrangement, and combination of parts hereinafter fully described, and afterward specifically pointed out in the claims.

In order to enable others skilled in the art to which my invention most nearly appertains to make and use the same, I will now proceed to describe its construction and operation, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a view illustrating my invention in practical operation. Fig. 2 is a perspective view of the securing mechanism clamped on the projecting point of the pin. Fig. 3 is a longitudinal section through the same. Fig. 4 is a plan view of the securer shown in Figs. 2 and 3 with one of the sections of the sleeve removed. Fig. 5 is a detail view illustrating

in perspective the various parts of the securing mechanism detached from each other. Fig. 6 is a transverse section on the line 6 6 of Fig. 3. Fig. 7 is a view in side elevation of a vise or clamp having jaws of a slightly-modified form.

Like letters of reference mark the same parts wherever they occur in the different figures of the drawings.

Referring to the drawings by letters, A indicates the point end of an ordinary hat-pin, which I have illustrated in Figs. 2, 3, and 4 as projecting into the interior of a vise or clamp, which consists of a sleeve formed of two jaws B and C, which are duplicates of each other, each being formed with one-half of the central bore of the sleeve, each of which halves consists of a rounded tapering portion D, extending from one end to a point about two-thirds of the way through, where its smaller end is merged into the smaller end of an angular tapering recess E. The outside of the jaws tapers in both directions, one half, F, being slightly smaller in diameter than the other half, G, and the two parts being separated from each other by a shoulder H.

I indicates a screw-threaded rod which is bifurcated at one end, forming prongs J, which are bent outwardly at their ends to form toes K.

L indicates a ring, and M a tubular nut tapered on the outside at one end and provided with a milled flange N at the other.

In assembling the parts of my vise or clamp the two jaws B and C are laid together to form a sleeve, each half of the central bore tapering toward the mid-length, one end being round and the other angular in section, as before described. The ring L is now slipped on the smaller end F of the jaws, the threaded end of the rod I passed into the central bore until it projects from the end D thereof, the ring L being slipped over the smaller end of the clamp until it bears against the shoulder H, and the threaded rod I drawn through until the toes K of the prongs J are in contact with the ring, as clearly shown in Figs. 2 and 4, and the tapered nut threaded on its projecting end.

To secure the point A of the hat-pin in the clamp or vise, it is only necessary to project it into the interior bore thereof, with the parts



in the positions described, when by turning up the nut M on the threaded rod I those portions of the jaws in the rear of the ring L are forced apart and the front ends of the jaws  
5 forced together, the ring L serving as a fulcrum during this operation. By this manipulation the point of the pin is tightly clamped between the jaws and there is no liability of its slipping off or being accidentally lost or  
10 misplaced.

It will be obvious that while the clamp is secured on the pin it will be impossible to withdraw the pin through the hat, and consequently there will be no liability of the pin  
15 itself being lost or misplaced, thus obviating all danger of the hat being blown off the head of the wearer or otherwise accidentally displaced.

In Fig. 7 I have illustrated my invention  
20 as provided with jaws of slightly-modified form, the forward ends F being constructed to form jaws similar to those of an ordinary clamp or vise to be used for other purposes than the securing of hat-pins, it being ob-  
25 vious that any other article placed within the jaws B and C will be securely clamped in the same manner as described concerning the clamping of the point of the hat-pin.

While I have illustrated and described the  
30 best means now known to me for carrying out my invention, I do not wish to be understood as restricting myself to the exact details of construction shown and described, but hold that any slight changes or variations such as  
35 might suggest themselves to the ordinary me-

chanic would properly fall within the limit and scope of my invention.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent of the United States, is— 40

1. A clamp or securer for hat-pins, comprising two jaws substantially semicylindrical in form, each end being slightly tapered and one end smaller than the other, the two diameters being joined by a shoulder, a  
45 ring adapted to be slipped upon the smaller diameter, a threaded rod inserted between the jaws, bearing upon the ring and projecting beyond the rear ends of the jaws, and a tapered nut engaging the projecting end of  
50 the threaded rod for forcing the rear ends of the jaws apart, substantially as described.

2. The combination of the jaws, B and C, each provided with recesses, D and E, which, when the jaws are placed together, form a  
55 central bore with an increasing diameter from the middle to the ends, each jaw being formed with a shoulder, H, on its outside, the ring, L, adapted to embrace the smaller ends of the jaws and resting against the shoulder, H,  
60 the threaded rod, I, forked at J and provided with outwardly-projecting toes, K, and the tapering nut, M, adapted to be inserted in the larger end of the central recess and to engage the threaded end of the rod, I, substan-  
65 tially as described.

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Witnesses:

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