

No. 613,822.

Patented Nov. 8, 1898.

C. A. NAUMAN.
SNAP HOOK FOR VEHICLE POLES.

(Application filed Nov. 16, 1897.)

(No Model.)

FIG. 1.

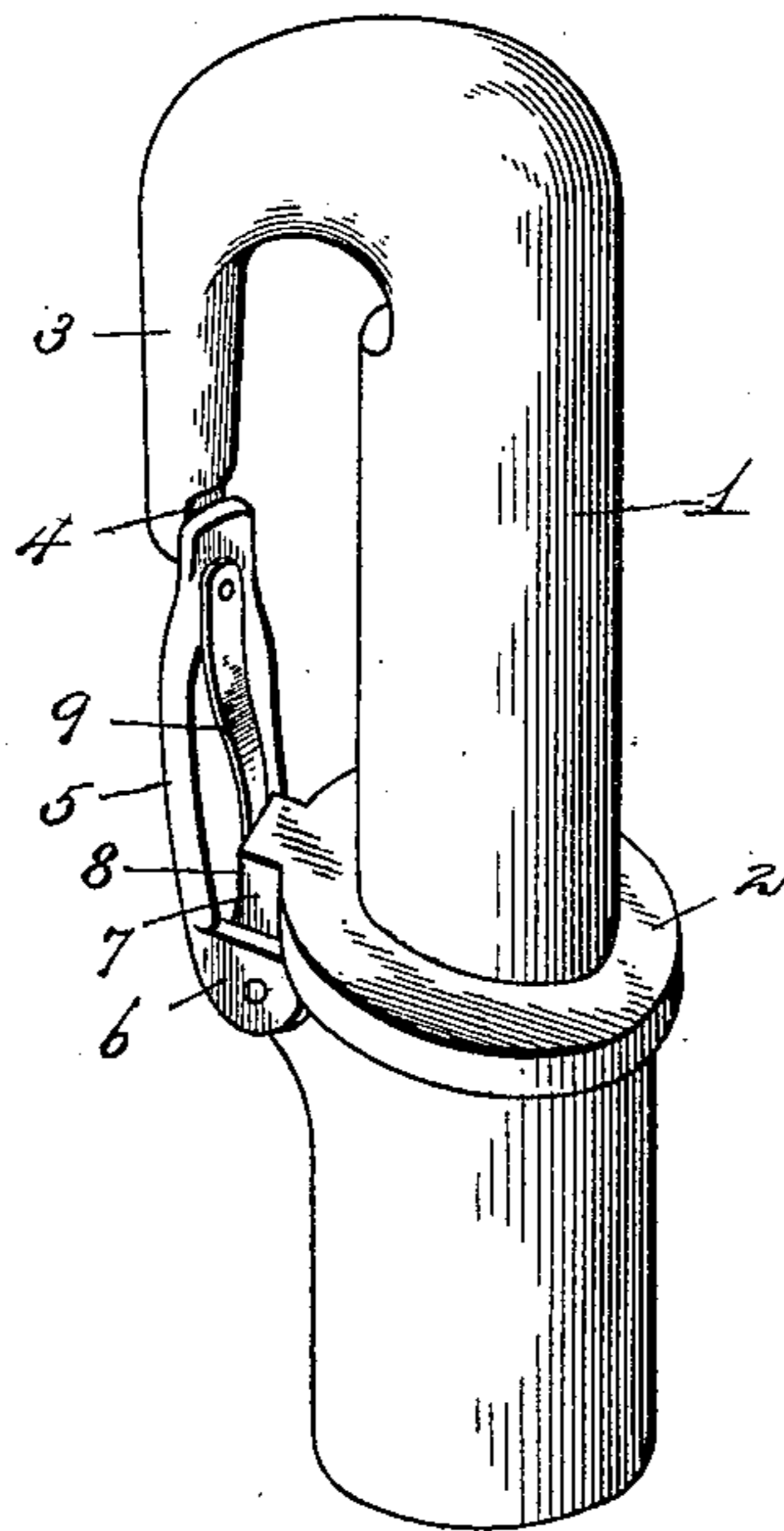


FIG. 2.

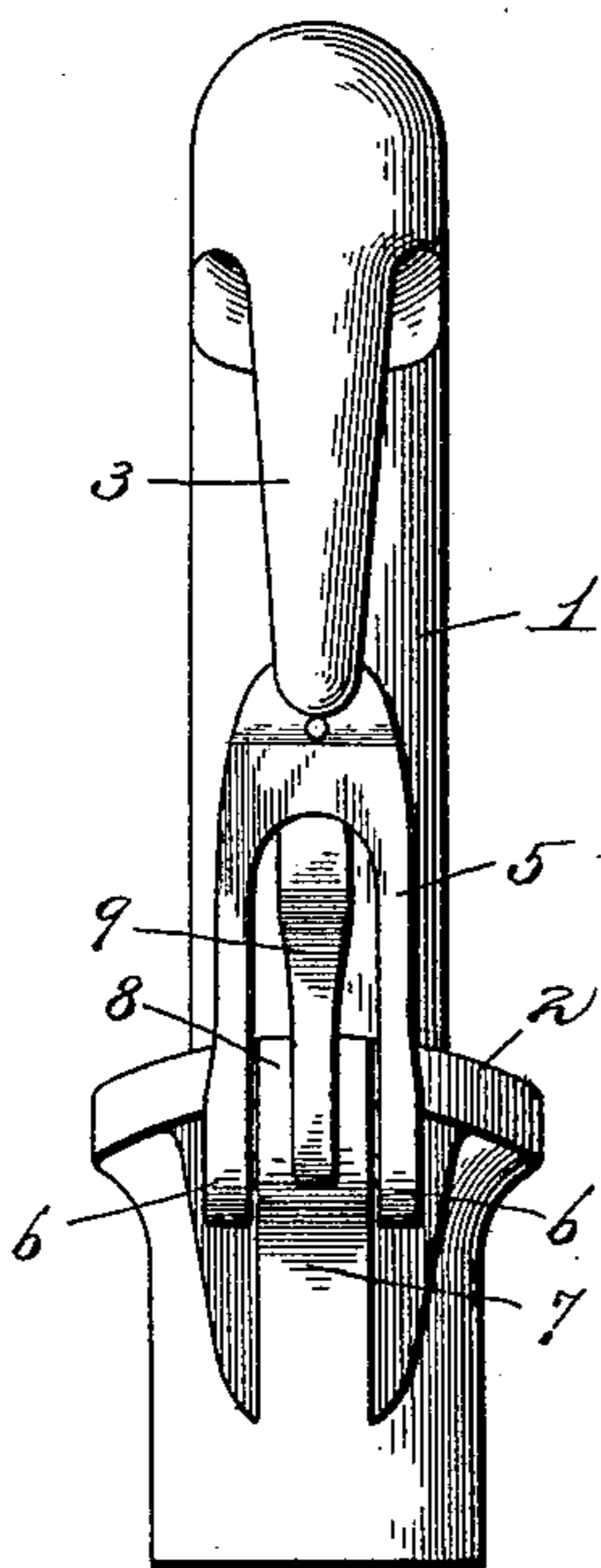
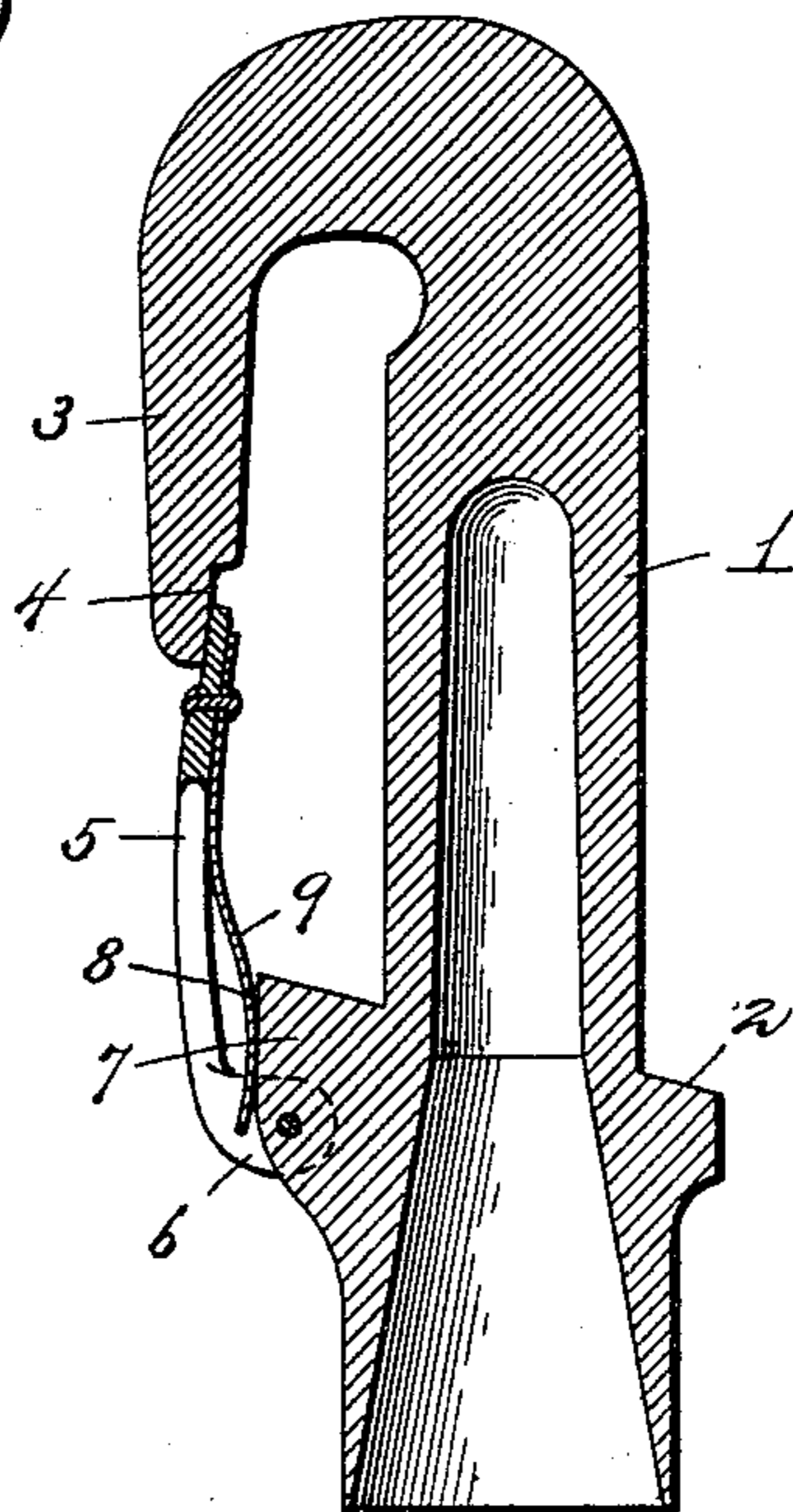


FIG. 3.



Witnesses

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UNITED STATES PATENT OFFICE.

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SNAP-HOOK FOR VEHICLE-POLES.

SPECIFICATION forming part of Letters Patent No. 613,822, dated November 8, 1898.

Application filed November 16, 1897. Serial No. 658,742. (No model.)

To all whom it may concern:

Be it known that I, CHARLES A. NAUMAN, a citizen of the United States, residing at Daleville, in the county of Lackawanna and State of Pennsylvania, have invented certain new and useful Improvements in Snap-Hooks for Vehicle-Tongues, &c.; 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.

This invention has reference to a novel construction in a snap-hook that is adapted for use in connection with vehicle-pole tips upon the singletrees of vehicles and in any other manner that may be found convenient.

The invention consists in the features of construction hereinafter described and specifically claimed.

In the accompanying drawings, forming part of this invention, Figure 1 is a perspective view of a vehicle-pole tip provided with this invention. Fig. 2 is a bottom plan view. Fig. 3 is a central vertical section.

In the drawings the said invention is shown as applied to a pole-tip, although it is understood that in accordance with the principle involved it can be employed as a tip of a singletree and any other connection where it is found convenient or applicable.

Referring now to the specific construction shown in said drawings, 1 indicates the shank of the tip, having the forwardly-facing inclined annular shoulder 2 of familiar construction. The end of this shank 1, however, is provided with a downward and rearward extension or bill 3, the end portion of which extends parallel with said shank 1. The upper side of the extremity of said bill 3 is cut away, as shown at 4, to receive the end of the snap or finger 5. This snap-finger is pivoted to the shank and in the rear of the shoulder 2, having two lugs 6 at its rear end that extend on opposite sides of the rib 7, extending rearwardly from said shoulder and to which the said lugs are pivoted. The lugs are situated to the rear of the flange forming said shoulder, and the snap-finger 5 extends forwardly from the lower end of said lugs, so that it stands below the said shoul-

der. The said rib 7 extends forwardly to the front edge of the shoulder 2, terminating flush therewith, and provides a rounded bearing-face 8 for the spring 9, that is fastened at its forward end to the forward end portion of the finger and extends rearwardly and bears upon said face 8 in the manner shown. The said spring serves to hold the front end of the snap-finger in contact and situated within a cut-away portion 4 of the bill 3, whereby the upper face of the faces of the finger and the snap-finger are practically in alinement with each other. The extremities of the lugs or ears 6 cooperate with the rear face of the annular shoulder 2, as shown in Fig. 1, to limit the outward movement of the snap-finger 5, thus taking part of the strain off the bill 3.

It is seen from the foregoing description that when this device is used in connection with the pole-tip it effectually prevents the neck-yoke from becoming accidentally detached from the pole, and thus avoids the danger that is due to runaways starting from this cause. It can also be applied to the singletrees and in any other connection, as is obvious.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

A pole-tip comprising a shank having an annular shoulder, a hook on the shank provided with a rearwardly-extending bill, a rib extending from said shoulder rearward and provided with a rounded bearing-face and also terminating flush with the forward face of the shoulder, a snap-finger having spaced lugs at its rear end embracing the rib and pivotally connected thereto, and a spring secured to the free end of said snap-finger and acting against the rounded bearing-face of the rib, substantially as and for the purpose specified.

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

CHARLES A. NAUMAN.

Witnesses:

W. A. DE PEW,
FRANK DOHERTY.