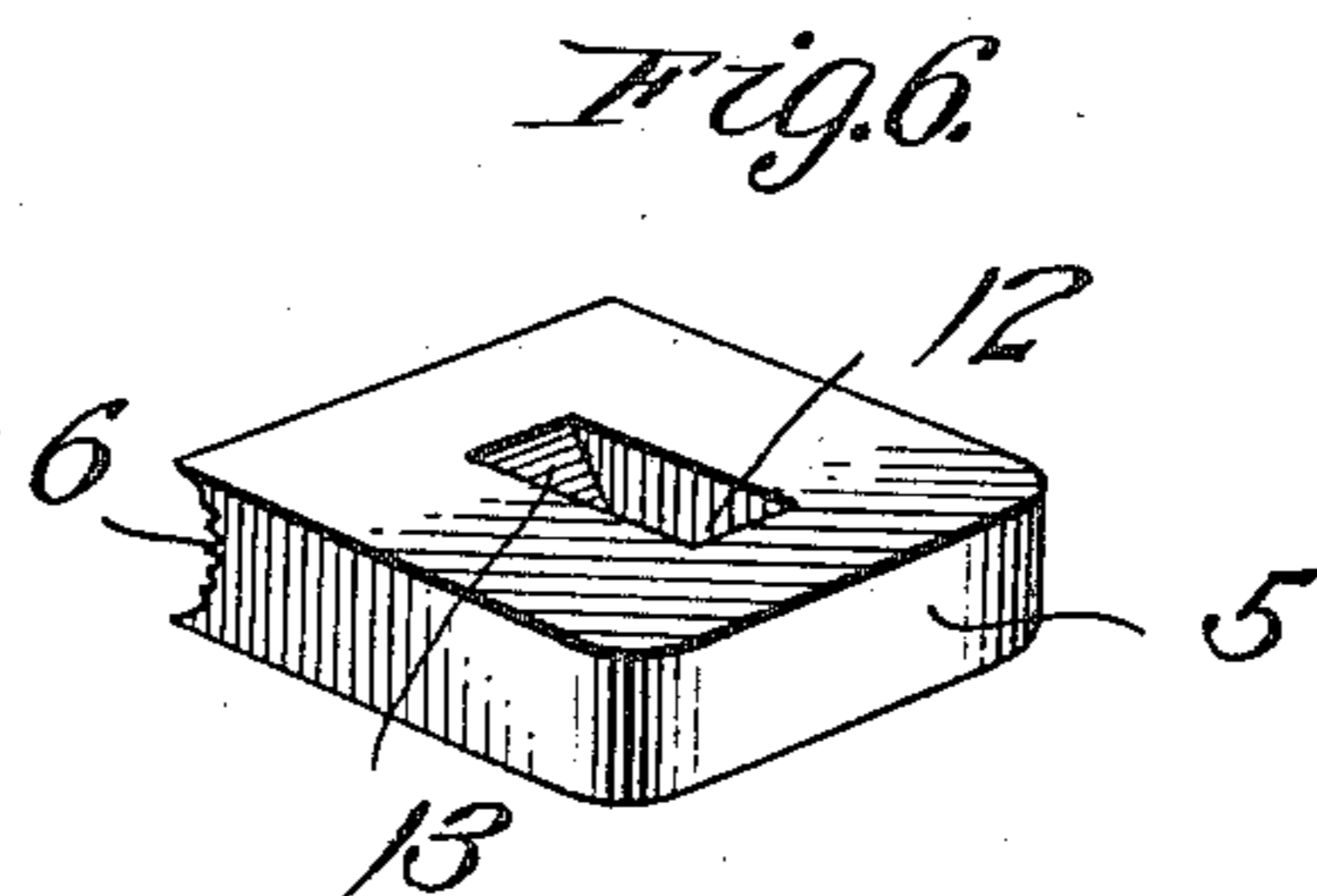
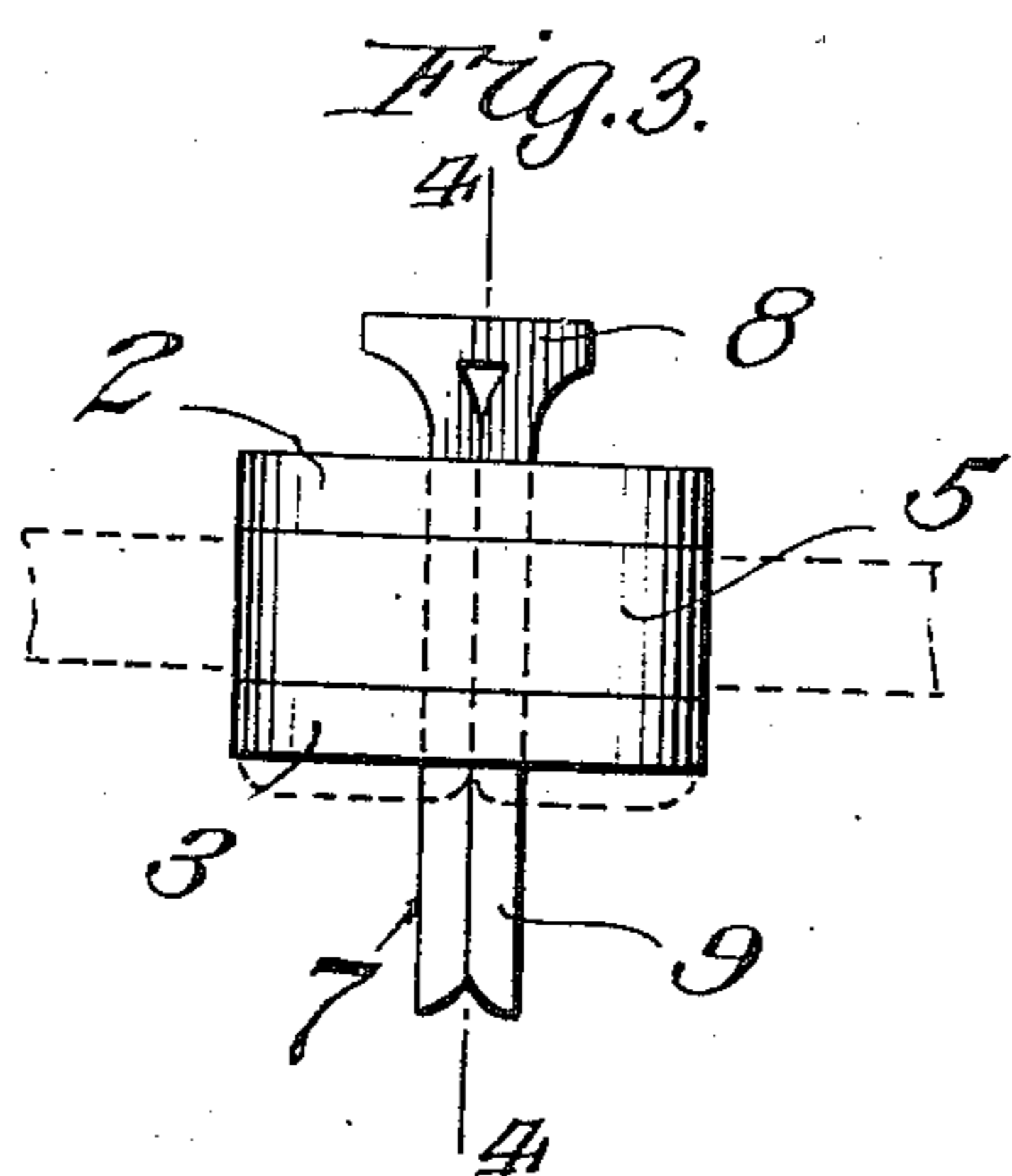
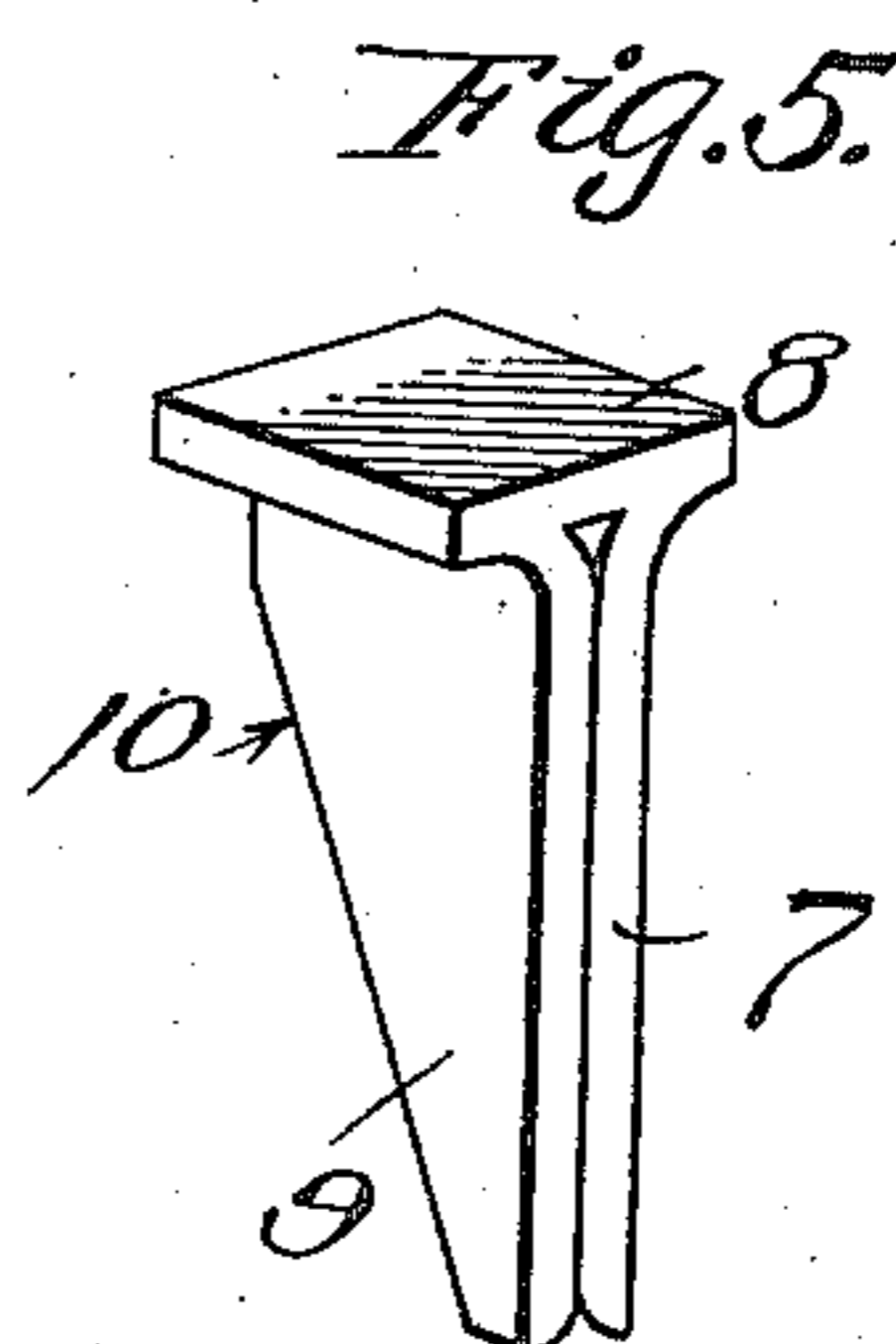
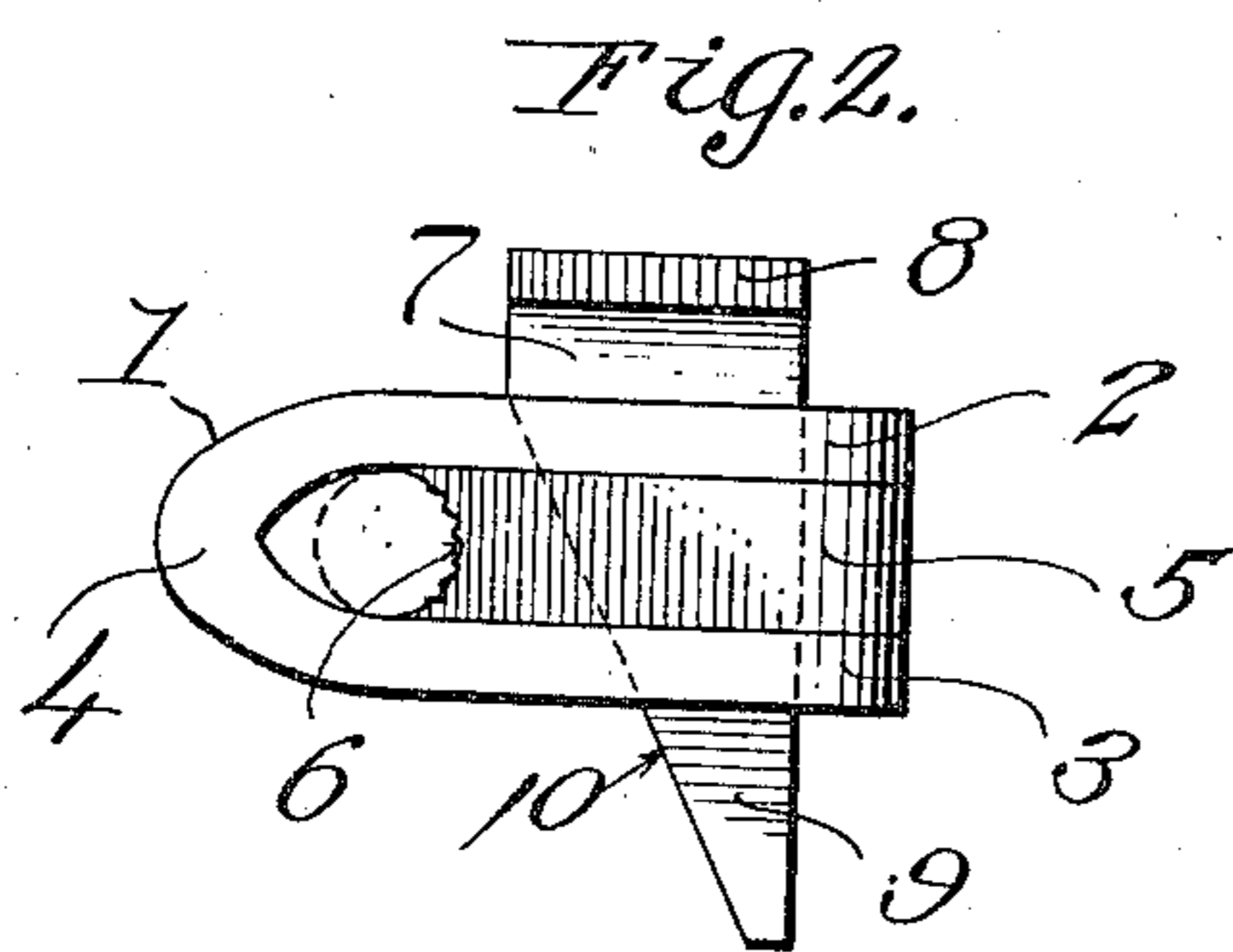
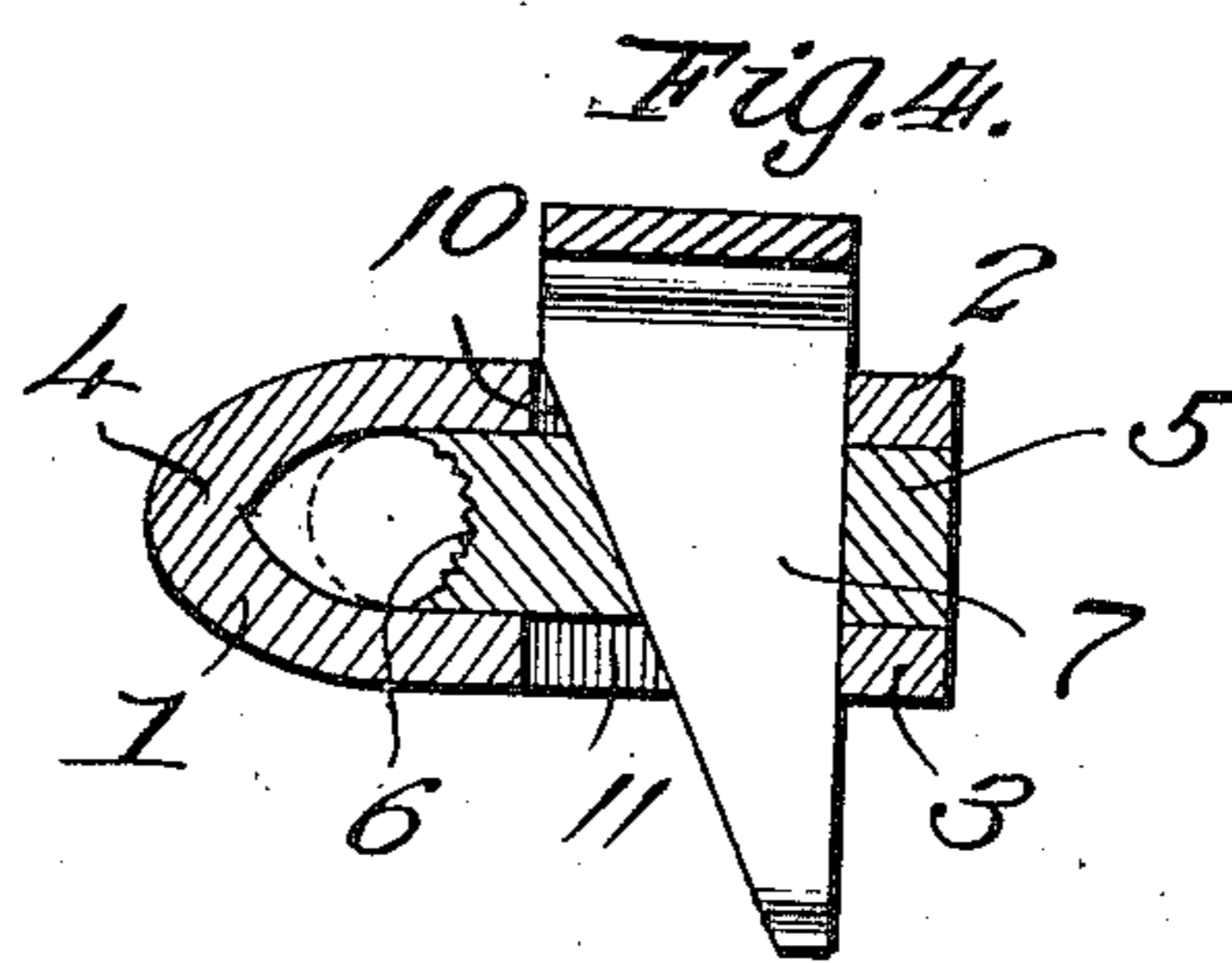
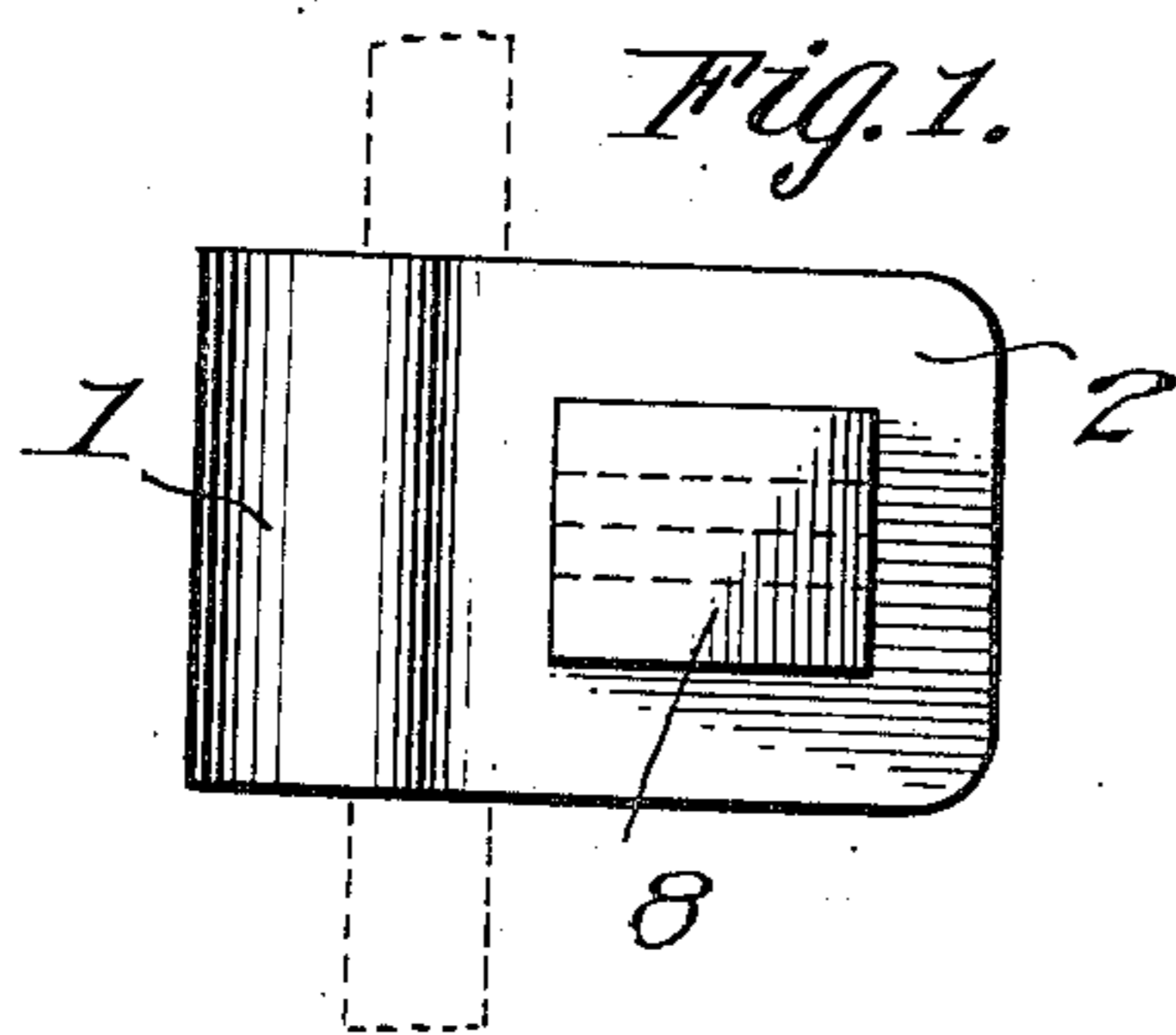


BEST AVAILABLE COPY

I. EVANS.
CABLE CLAMP.
APPLICATION FILED MAR. 2, 1915.

1,154,916.

Patented Sept. 28, 1915.



Witnesses
Guy M. Spring.
Ganoe Bailey.

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Attorney

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UNITED STATES PATENT OFFICE.

ISRAEL EVANS, OF LENOIR CITY, TENNESSEE.

CABLE-CLAMP.

1,154,916.

Specification of Letters Patent.

Patented Sept. 28, 1915.

Application filed March 2, 1915. Serial No. 11,500.

To all whom it may concern:

Be it known that I, ISRAEL EVANS, a citizen of the United States, residing at Lenoir City, in the county of Loudon and State of Tennessee, have invented certain new and useful Improvements in Cable-Clamps, of which the following is a specification.

This invention relates to cable clamps, and more particularly to that class of cable clamps in which a sliding dog is adapted to be forced into biting engagement with the cable by means of a suitable wedge member.

The primary object of the invention resides in the provision of a clamp of this character which is simple in construction and efficient in its operation, the same engaging the cable firmly and securely without injury thereto.

With the foregoing and other objects in view, the invention consists in the novel features of construction, combination and arrangement of parts, as will be hereinafter more fully described, illustrated in the accompanying drawings and claimed.

In the drawings: Figure 1 is a plan view of the improved clamp, showing the same in engagement with a cable, Fig. 2 is a side elevation, Fig. 3 is an end elevation, Fig. 4 is a sectional view taken on the line 4-4 of Fig. 3, Fig. 5 is a detail perspective view of the wedge member, and Fig. 6 is a detail perspective view of the sliding dog.

Referring to the drawings by numeral, 1 designates a block which is substantially U-shaped in side elevation and which comprises upper and lower arms 2 and 3, respectively, and an intermediate portion 4, the arms 2 and 3 extending in the same general direction from the intermediate portion 4 in parallel spaced relation.

A dog 5, which is substantially rectangular in shape, is adapted for sliding engagement between the arms 2 and 3 and has the inner face thereof formed in substantially semicircular shape and serrated, as indicated at 6, for biting engagement with the cable when the same is forced into engagement therewith by means of a wedge member 7. The cable being adapted to extend between the arms 2 and 3 and have one side thereof engaged by the intermediate portion 4 and the opposite side by the serrated portion 6.

The wedge member 7 comprises a head 8 and the split downwardly extending portion 9, one face thereof being beveled, as indicated at 10. This wedge member 7 is adapted to be inserted in alining slots 11, formed in the arms 2 and 3, and a slot 12 formed in the dog member 5, one face of the slot 12 being beveled, as shown at 13, to conform to the beveled edge 10 of the wedge member 7.

In applying the clamp to a cable, the same is first positioned between the arms 2 and 3 of the block 1 and the dog 5 then inserted in the serrated face 6 thereof in engagement therewith. In this position the slots 11 and 12 will be alined, so that the wedge member 7 may be readily passed therethrough. Upon forcing the wedge member downwardly, the dog 5 will be forced into biting engagement with the cable by reason of the fact that the beveled face 10 is in engagement with the beveled face 13 of the slot 12. When the dog 5 has been forced into firm engagement with the cable, the lower ends of the split downwardly extending portion 9 may be bent to engage the under face of the block 1, as clearly shown in dotted lines in Fig. 3 of the drawings, to lock the dog in its clamped position.

From the foregoing description taken in connection with the accompanying drawings, it is thought that the construction and operation of the device will be clearly understood, and while I have herein shown and described one specific form of my invention, I do not wish to be limited thereto, except by such limitations as the claims may embrace.

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

1. A cable clamp comprising a substantially U-shaped block, a dog slidable between the arms of said block, the arms of said block provided with co-axial openings, said dog provided with an opening, and a wedge member arranged through said openings, as and for the purpose set forth and described.

2. A cable clamp comprising a substantially U-shaped block, the arms of said block provided with co-axial openings, a dog slidable between the arms of said block, said dog

provided with a substantially wedge-shaped opening, a wedge member arranged through said openings to operate said dog, the body of said wedge member being split whereby
5 its lower ends may be bent to lock the same, as and for the purpose set forth and described.

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

ISRAEL EVANS.

Witnesses:

T. J. CALLIER,
E. H. HUDGENS.