

No. 842,449.

PATENTED JAN. 29, 1907.

J. H. DIDRICH.  
HITCHING POST.  
APPLICATION FILED MAY 1, 1906.

Fig. 1.

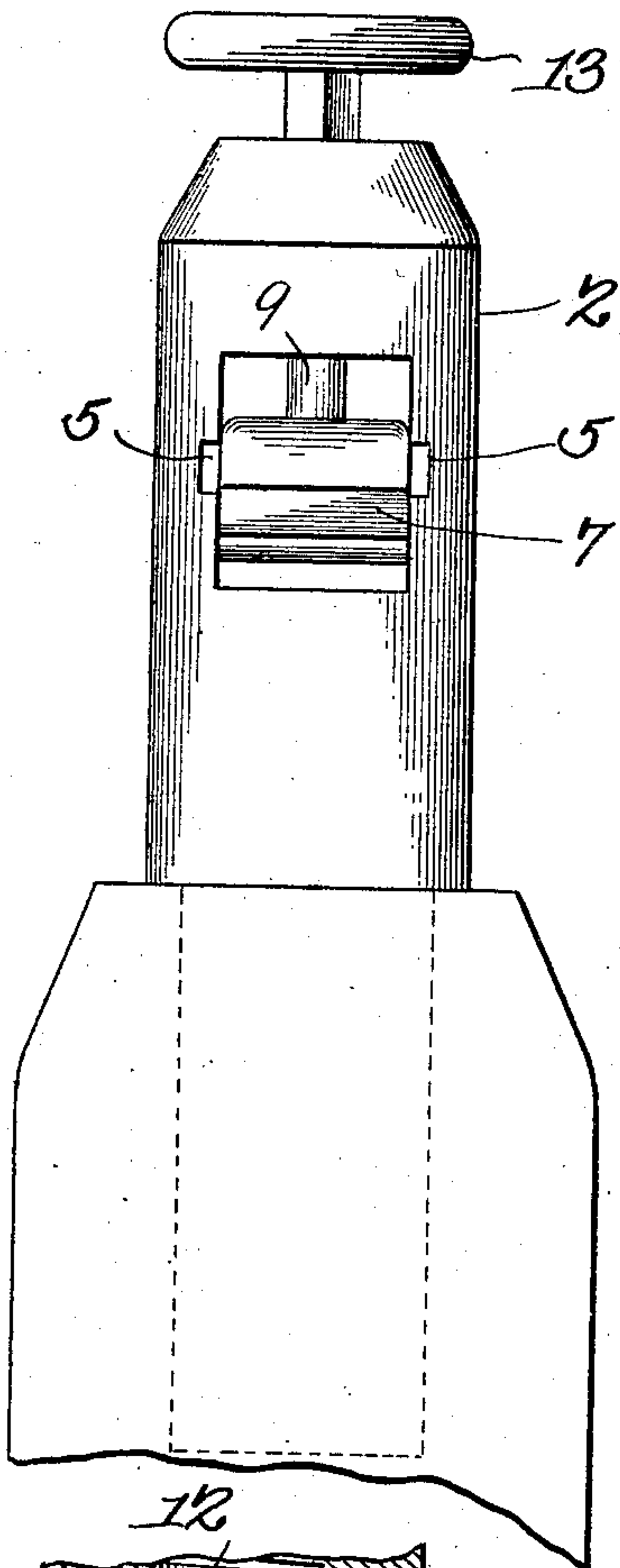


Fig. 2.

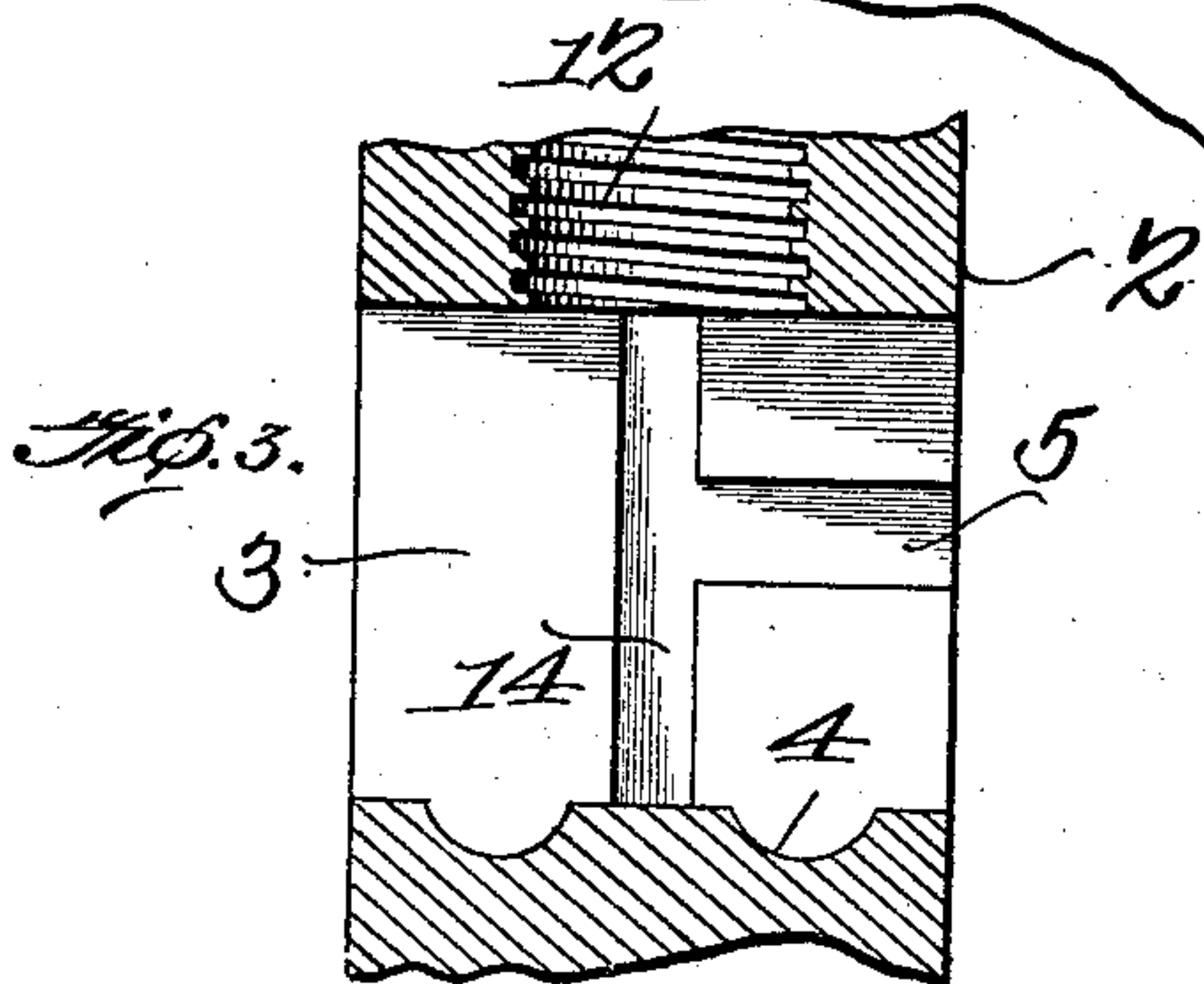
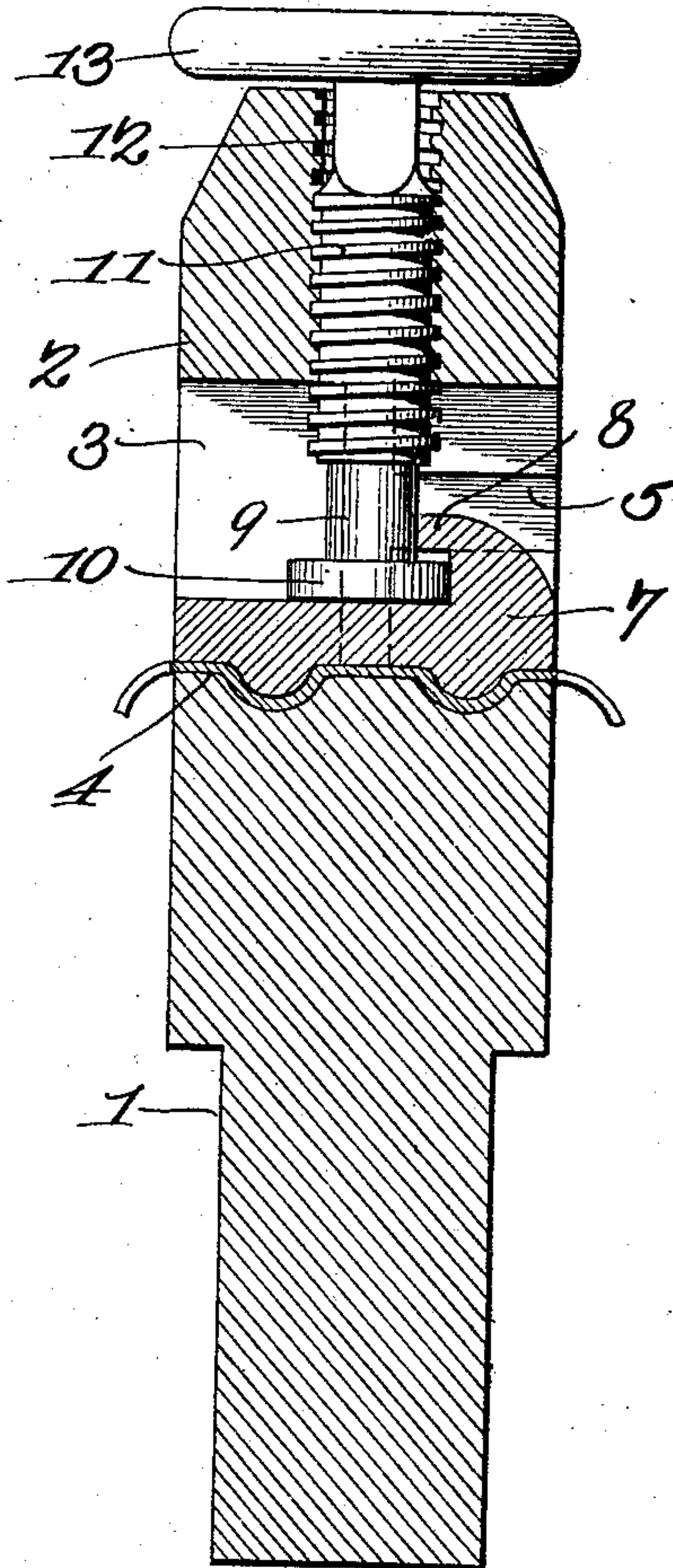
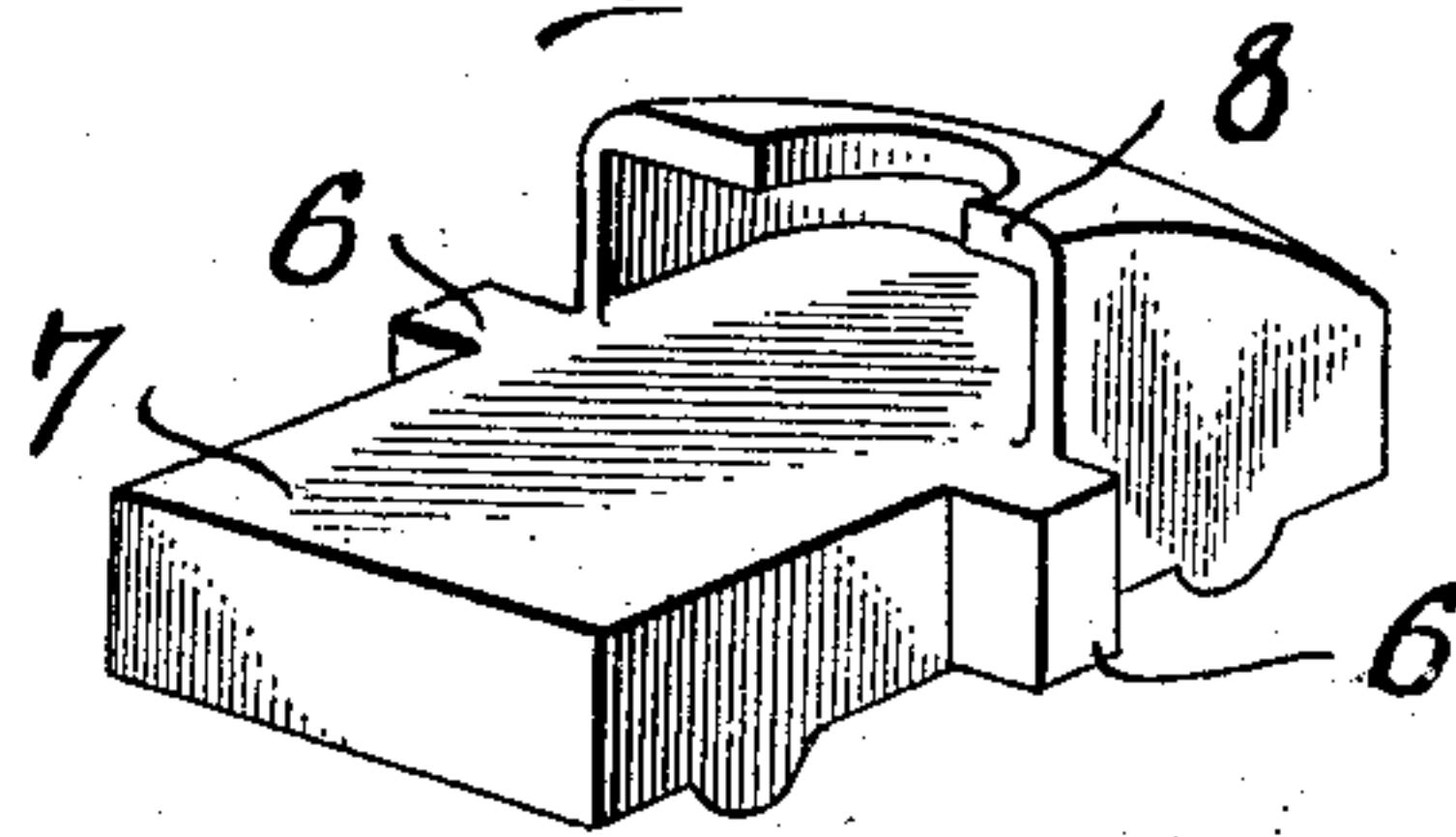


Fig. 4.



WITNESSES:

*E. J. Stewart*  
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# UNITED STATES PATENT OFFICE.

JOHN H. DIDRICH, OF CELINA, OHIO, ASSIGNOR OF ONE-THIRD TO JOSEPH SCHMITT AND ONE-EIGHTH TO GEORGE ORR, OF CELINA, OHIO.

## HITCHING-POST.

No. 842,449.

Specification of Letters Patent.

Patented Jan. 29, 1907.

Application filed May 1, 1906. Serial No. 314,702.

*To all whom it may concern:*

Be it known that I, JOHN H. DIDRICH, a citizen of the United States, residing at Celina, in the county of Mercer and State of Ohio, have invented a new and useful Hitching-Post, of which the following is a specification.

This invention relates to hitching-posts; and its object is to provide a device of this character which can be readily operated to bind securely upon a hitching-strap so that the same cannot possibly be worked loose by the secured animal.

A still further object is to provide a clamping device which may be readily replaced in the event of wear or breakage and to provide a post which is simple in construction, positive in action, and which is formed of very few parts, so that it cannot easily get out of order.

With the above and other objects in view the invention consists of a post having a head provided with a passage therethrough, the side walls of which are grooved longitudinally to constitute guides for lugs extending laterally from a clamping-block. One face of this block is irregular in contour, so as to coact with a correspondingly-shaped seat formed by the bottom of the opening to firmly clamp upon a strap inserted under the block. The head is so constructed that the block can be readily detached therefrom for the purpose of replacing it, and means are employed whereby the block can be positively actuated within the longitudinal slots, so as to clamp upon or release the hitching-strap.

The invention also consists of certain other novel features of construction and combinations of parts, which will be hereinafter more fully described, and pointed out in the claims.

In the accompanying drawings is shown the preferred form of the invention.

In said drawings, Figure 1 is an elevation of the head of the post. Fig. 2 is a vertical section. Fig. 3 is a section showing a portion of one of the grooved walls in elevation, and Fig. 4 is a detail view of the sliding jaw.

Referring to the figures by characters of reference, 1 is a post having a head 2 formed with an elongated opening 3, preferably rectangular in form, and the bottom of this opening is preferably grooved transversely, as shown at 4, said bottom constituting a fixed jaw, as will be hereinafter explained. Guide-grooves 5 are formed longitudinally within the side walls of the opening 3, and slidably

mounted within them are lugs 6, extending in opposite directions from the sides of a sliding jaw 7, the lower face of which is serrated or of an irregular contour, so as to cooperate with the grooved bottom 4 for the purpose of clamping on a strap and holding it securely in position. This sliding jaw 7 has an overhanging ear 8 thereon adapted to embrace a stem 9, provided with a head 10, which extends under the ear. This stem 9 has threads 11, which engage the walls of a passage 12, formed in the upper ends of the head 2, and a wheel 13 or other suitable means is located upon the upper end of the stem to facilitate its rotation manually. Oppositely-disposed grooves 14 are formed in the sides of the opening 4 at right angles to the grooves 5, and these grooves 5 and 14 communicate. By adjusting the jaw 7 so that the lugs 6 register with the inner ends of the grooves 5 said jaw can be removed from the post because the grooves 5 are sufficiently wide to permit the lugs to slide therein.

When it is desired to place the jaw 7 within the head, the lugs are slid within the grooves 5 until the ear 8 comes into contact with the stem 9. This ear is so shaped as to embrace the stem and partly overlap the head 10, and while in this position on the stem the lugs 6 register with the guide-grooves 14. It is therefore obvious that by rotating the stem the same will be screwed longitudinally within the head, so as to cause the jaw 7 to move toward or away from the grooved bottom 4.

When it is desired to secure a hitching-strap within the post, the stem 9 is rotated, so as to slide the jaw 7 away from the bottom of the opening 3. The strap is then inserted through the opening and beneath the jaw 7, and by rotating the stem in the proper direction the jaw 7 will clamp the strap against the grooved bottom 4 and hold it tightly in position. As the jaw 7 has an irregular working face which fits within a correspondingly-shaped bottom 4, it will be seen that the clamped strap cannot possibly be withdrawn after once being clamped in place. Considerable importance is attached to the fact that the jaw is readily removable for the purpose of replacing it with a new one or for repairing it.

The preferred form of the invention has been set forth in the foregoing description;



but I do not limit myself thereto, as I am aware that modifications may be made therein without departing from the spirit or sacrificing the advantages thereof, and I therefore reserve the right to make such changes as fairly fall within the scope of the invention.

What is claimed is—

1. The combination with an apertured post having guide-grooves in opposite walls thereof, and transversely-extending grooves communicating therewith; of a jaw within the aperture and coöperating with one wall of said aperture to form a clamp, projecting devices upon the jaw and adapted to travel within the guide-grooves, and means for sliding the jaw.

2. The combination with an apertured post having guide-grooves in opposite walls thereof, and transversely-extending grooves communicating therewith; of a jaw within the aperture and coöperating with one wall of

said aperture to form a clamp, projecting devices upon the jaw and adapted to normally travel within the guide-grooves, and rotatable means for sliding the jaw.

3. The combination with an apertured post having guide-grooves in opposite walls thereof, and transversely-extending grooves communicating therewith; of a jaw within the aperture and coöperating with one wall of said aperture to form a clamp, projecting devices upon the jaw and adapted to travel within the guide-grooves, rotatable means for sliding the jaw, and said jaw detachably engaging the rotatable means.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

J. H. DIDRICH.

Witnesses:

JOHN KRAMER,  
EMMA DUNDON.