

J. PEDERY.  
PIPE WRENCH.  
APPLICATION FILED DEC. 16, 1910.

995,984.

Patented June 20, 1911.

Fig. 1.

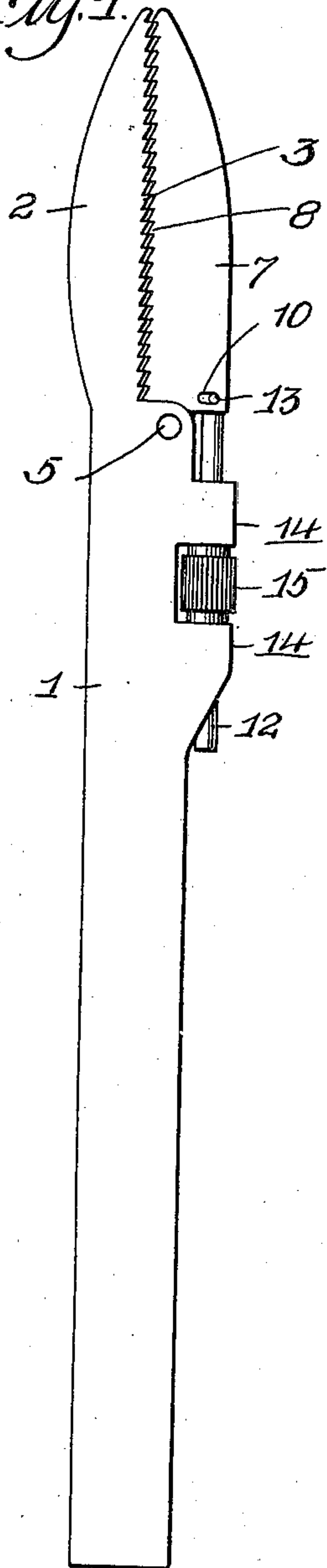


Fig. 2.

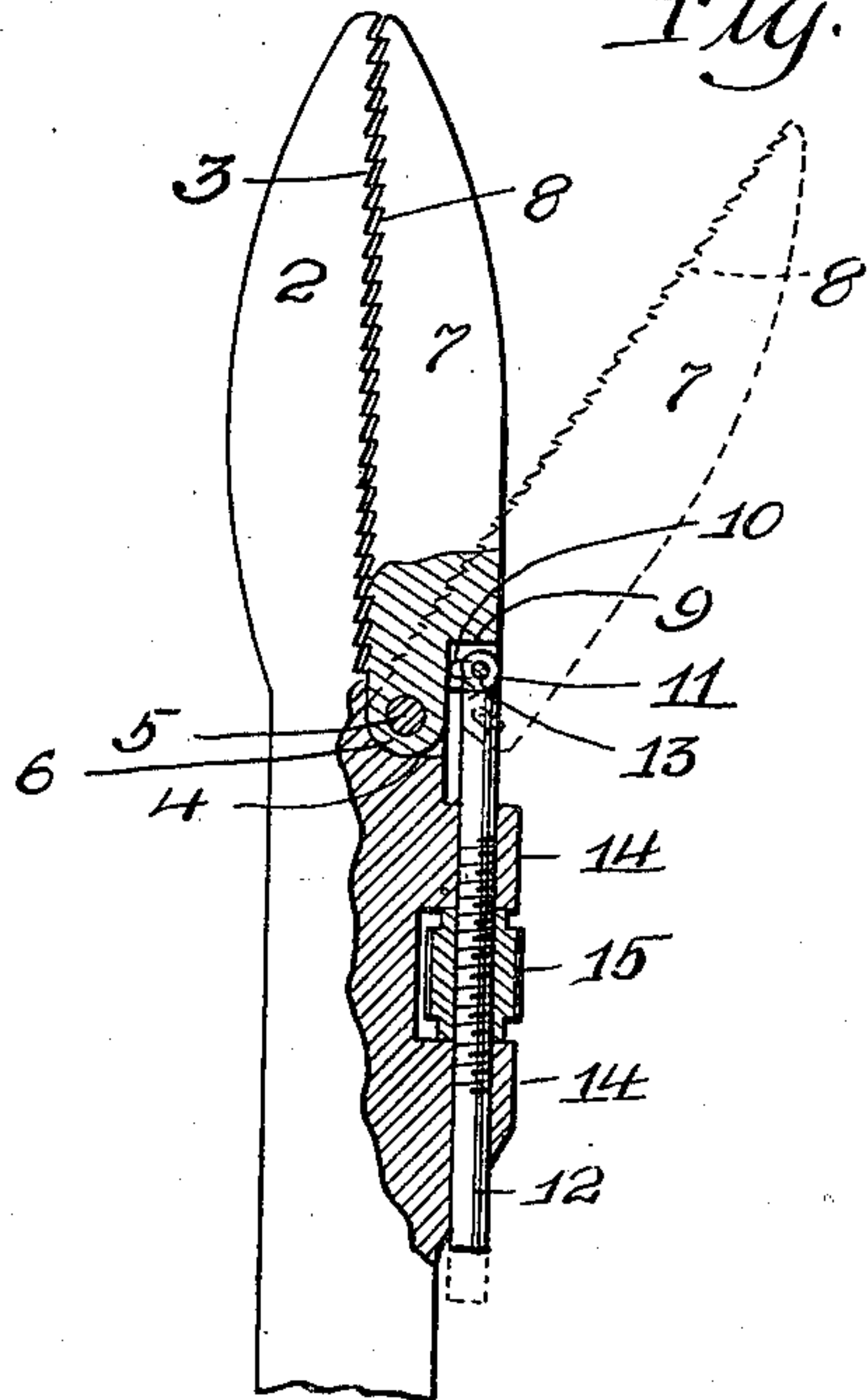


Fig. 3.

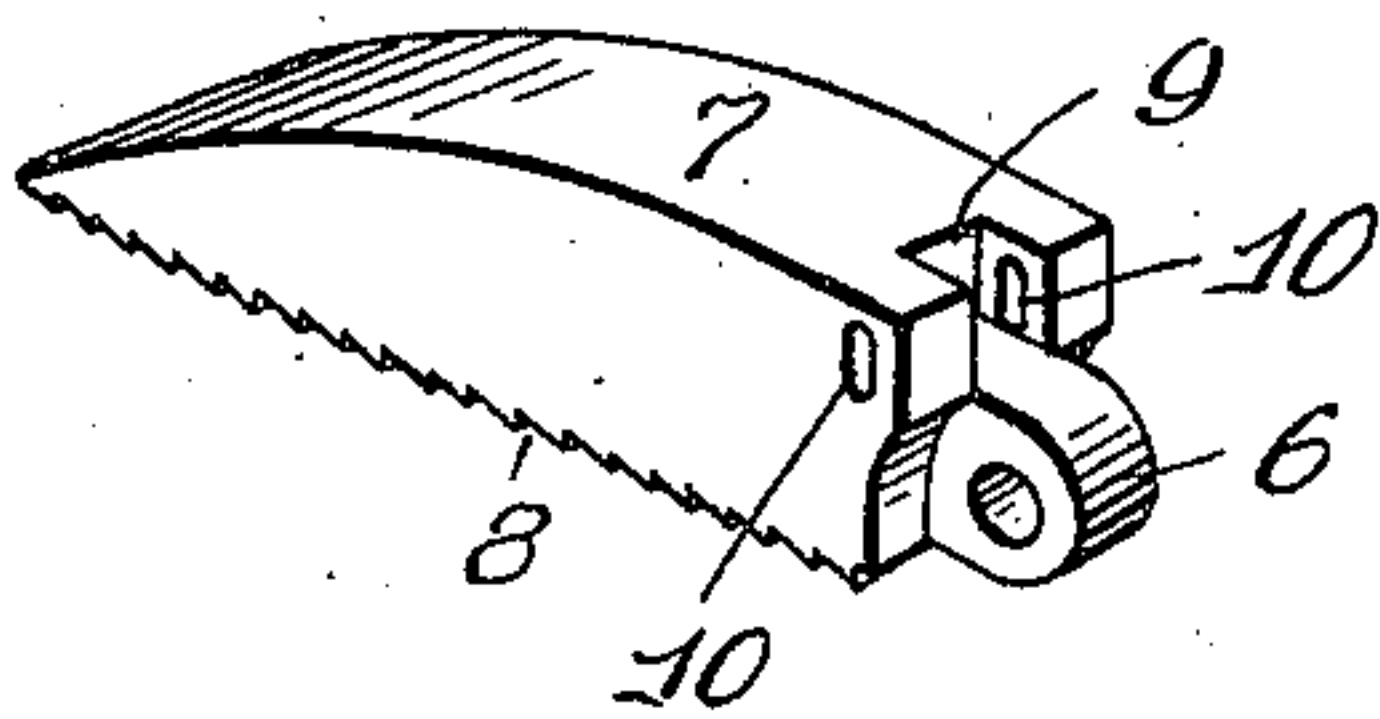
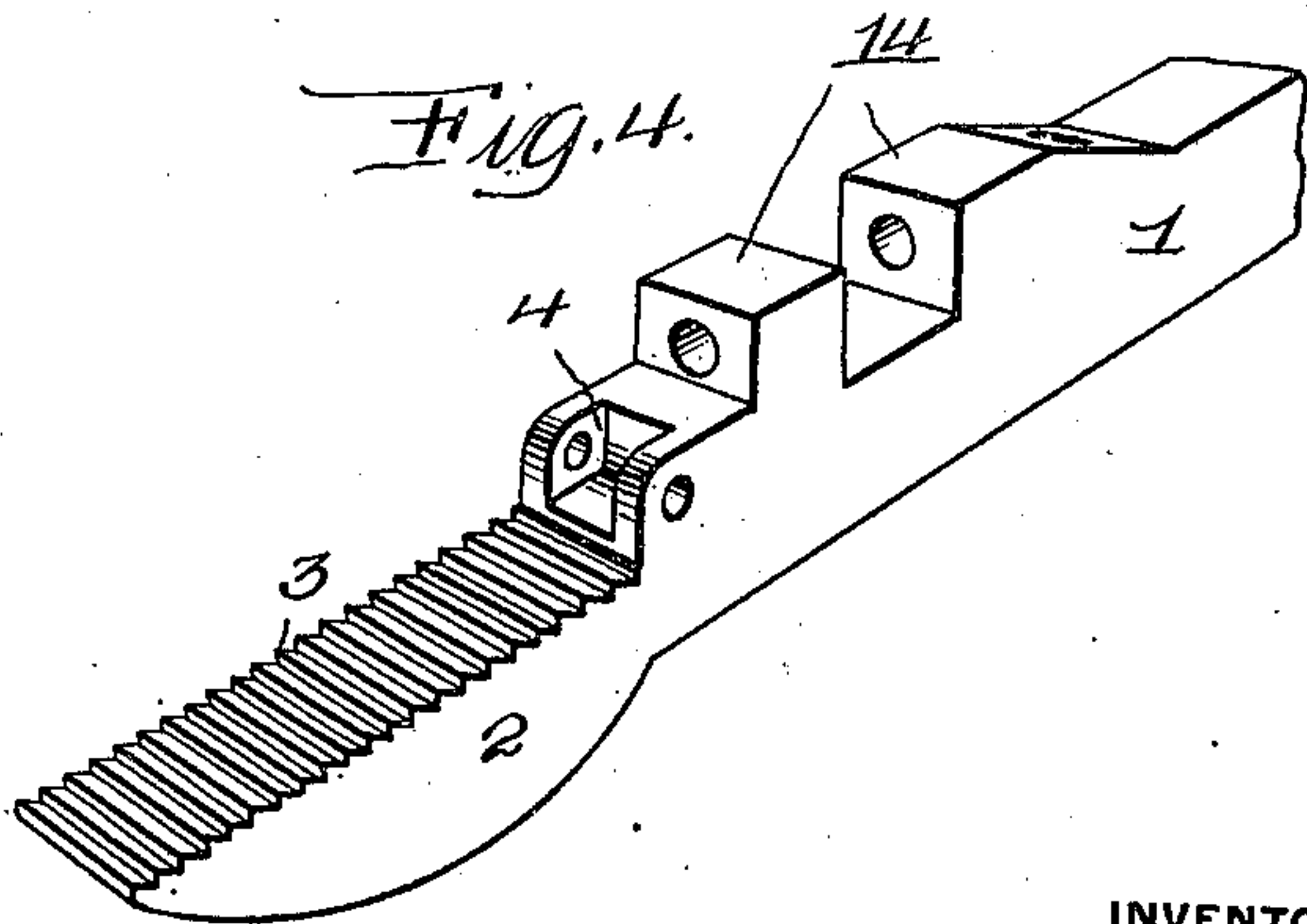


Fig. 4.



WITNESSES

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# UNITED STATES PATENT OFFICE.

JOE PEDERY, OF TRENTON, NEW JERSEY.

## PIPE-WRENCH.

995,984.

Specification of Letters Patent. Patented June 20, 1911.

Application filed December 16, 1910. Serial No. 597,651.

*To all whom it may concern:*

Be it known that I, JOE PEDERY, a subject of the King of Hungary, residing at Trenton, in the county of Mercer and State of New Jersey, have invented certain new and useful Improvements in Pipe-Wrenches, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to pipe wrenches, and the objects of the invention are to provide a wrench consisting of comparatively few parts easily and quickly assembled, and to furnish a wrench of the above type with means in a manner as will be hereinafter set forth, whereby the movable jaw of the wrench can be easily and quickly adjusted.

Further objects of the invention are to provide a pipe wrench that can be safely manipulated without slipping, and to accomplish the above results by a wrench that is strong and durable, free from injury by ordinary use and efficient for the purposes for which it is intended.

I attain the above objects by a mechanical construction that will be hereinafter specifically described and then claimed, and reference will now be had to the drawing, wherein like numerals of reference denote corresponding parts throughout the several views, in which:—

Figure 1 is a side elevation of the wrench, Fig. 2 is a similar view of a portion of the wrench, partly broken away and partly in section, Fig. 3 is a perspective view of the detached adjustable jaw, and Fig. 4 is a perspective view of the fixed jaw of the wrench.

A wrench in accordance with this invention comprises a shank 1 serving functionally as a handle, said shank having one end thereof provided with an alligator jaw 2 having one side thereof serrated or toothed, as at 3 to provide a gripping surface. The shank 1 adjacent to the jaw 2 is cut away to provide a recess 4 and pivotally mounted in said recess by a transverse pin or rivet 5 is the tongue 6 of an adjustable alligator jaw 7, said jaw having the side thereof serrated or toothed, as at 8 to confront and co-operate with the gripping surface of the jaw 2. The jaw 7 adjacent to the apertured lug 6 is recessed, as at 9 and the walls thereof

slotted, as at 10 whereby the forward apertured end 11 of a screw 12 can be loosely mounted in the recess of the jaw 7 by a transverse pin 13. The screw 12 extends through apertured lugs or enlargements 14 carried by the shank 1 and rotatably mounted upon said screw and meshing with the threads thereof is a knurled nut 15, said nut being arranged between the lugs or enlargements 14 of the shank 1. By screwing upon the screw 12, the adjustable jaw 7 can be opened and closed relatively to the jaw 2 and firmly held in its adjusted position.

The wrench in its entirety can be made of strong and durable metal and of various sizes.

What I claim is:—

A wrench of the type described embodying a shank adapted to serve functionally as a handle, a longitudinally-extending alligator jaw integral with and projecting from the outer end of said shank and having one side thereof serrated or toothed, the width of the inner terminus of said jaw being less than the width of the outer end of the shank, the outer end of said shank to one side of said jaw having a recess, an adjustable jaw having one side thereof serrated or toothed and adapted to coöperate with the jaw of said shank and further having a portion of its inner terminus bifurcated, an apertured lug carried by the inner end of said adjustable jaw and fitting in the recess of said shank, a pin mounted in said shank and adapted to pivotally retain said lug within said recess; a screw having the forward end thereof loosely and pivotally connected to the said bifurcated portion of the adjustable jaw, apertured enlargements projecting from one side of said shank and adapted to receive said screw, and a knurled nut rotatably mounted upon said screw between said enlargements and adapted to move said screw relatively to said enlargements, substantially as described.

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

JOE PEDERY.

Witnesses:

JOHN E. WARGO,  
BÉLA YELENDIES.