

No. 685,871.

Patented Nov. 5, 1901.

W. H. ROBINSON.
PIPE ATTACHMENT FOR WRENCHES.

(Application filed June 6, 1901.)

(No Model.)

Fig. 1.

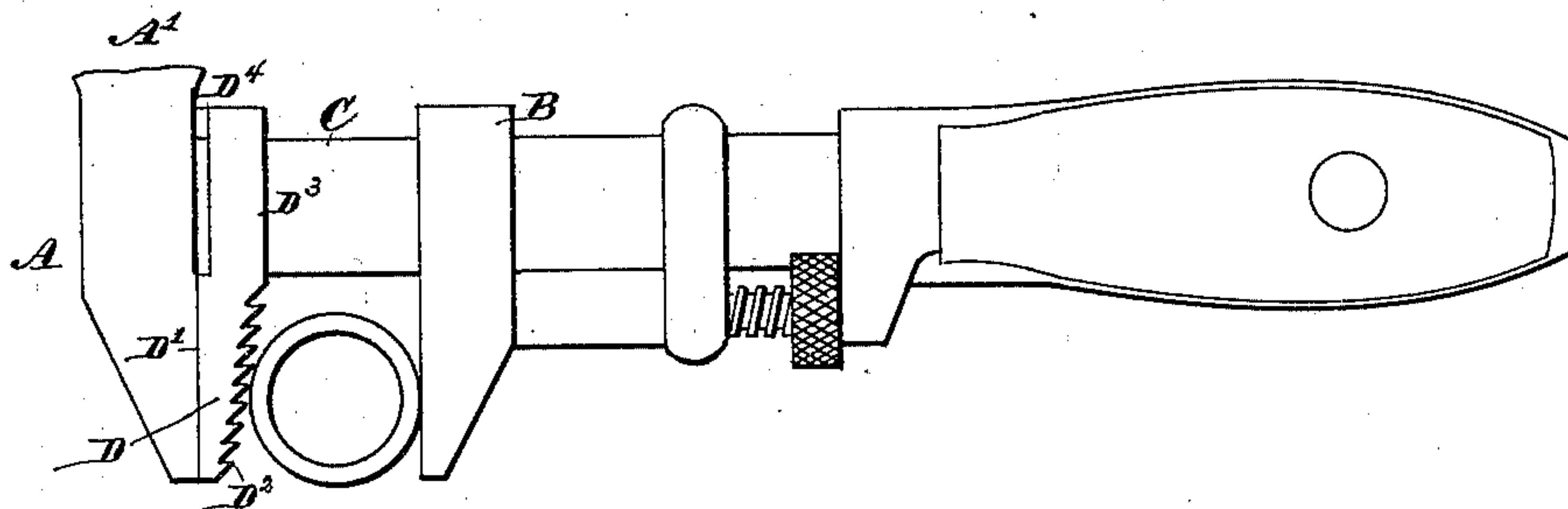


Fig. 2.

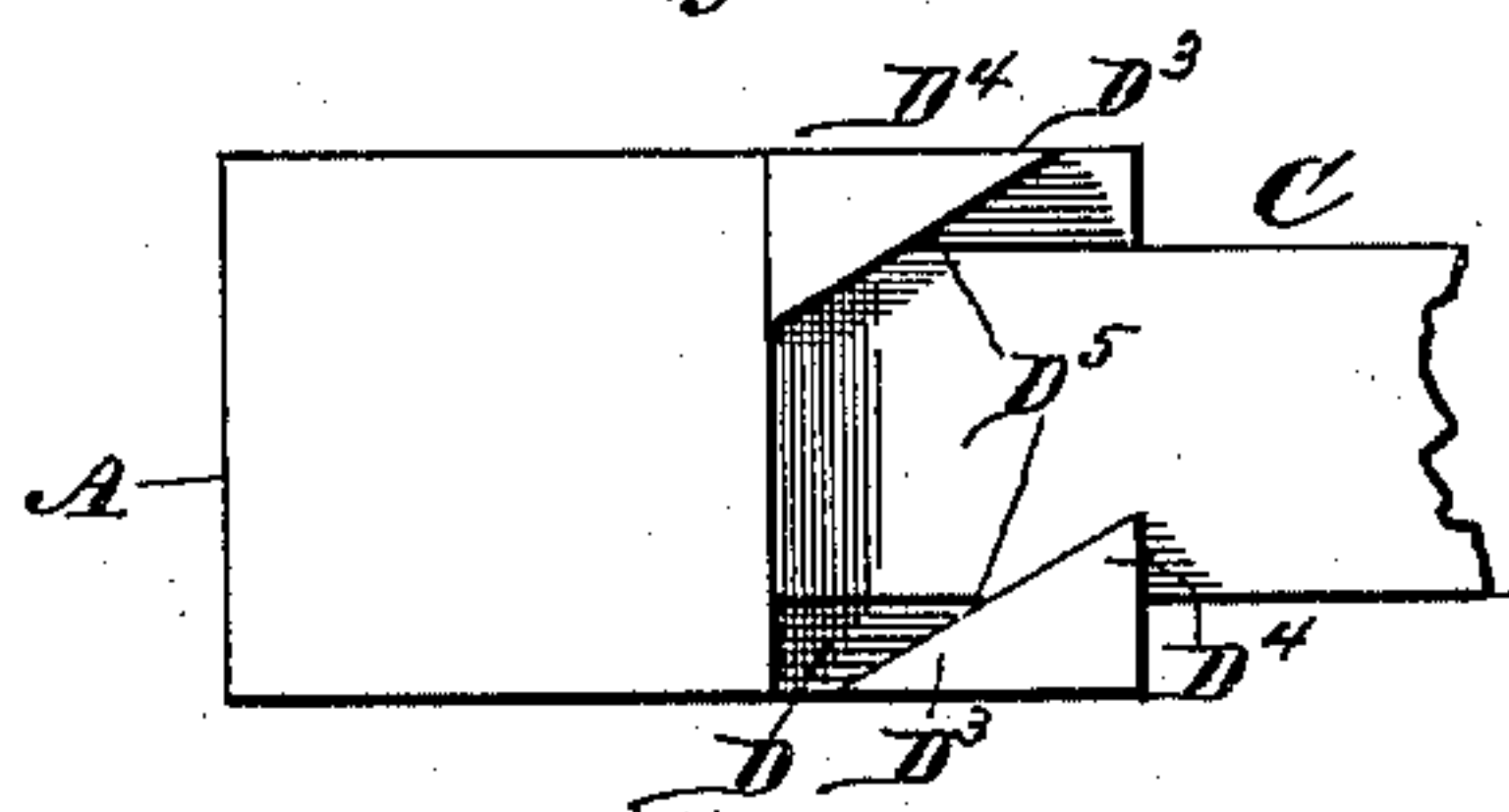
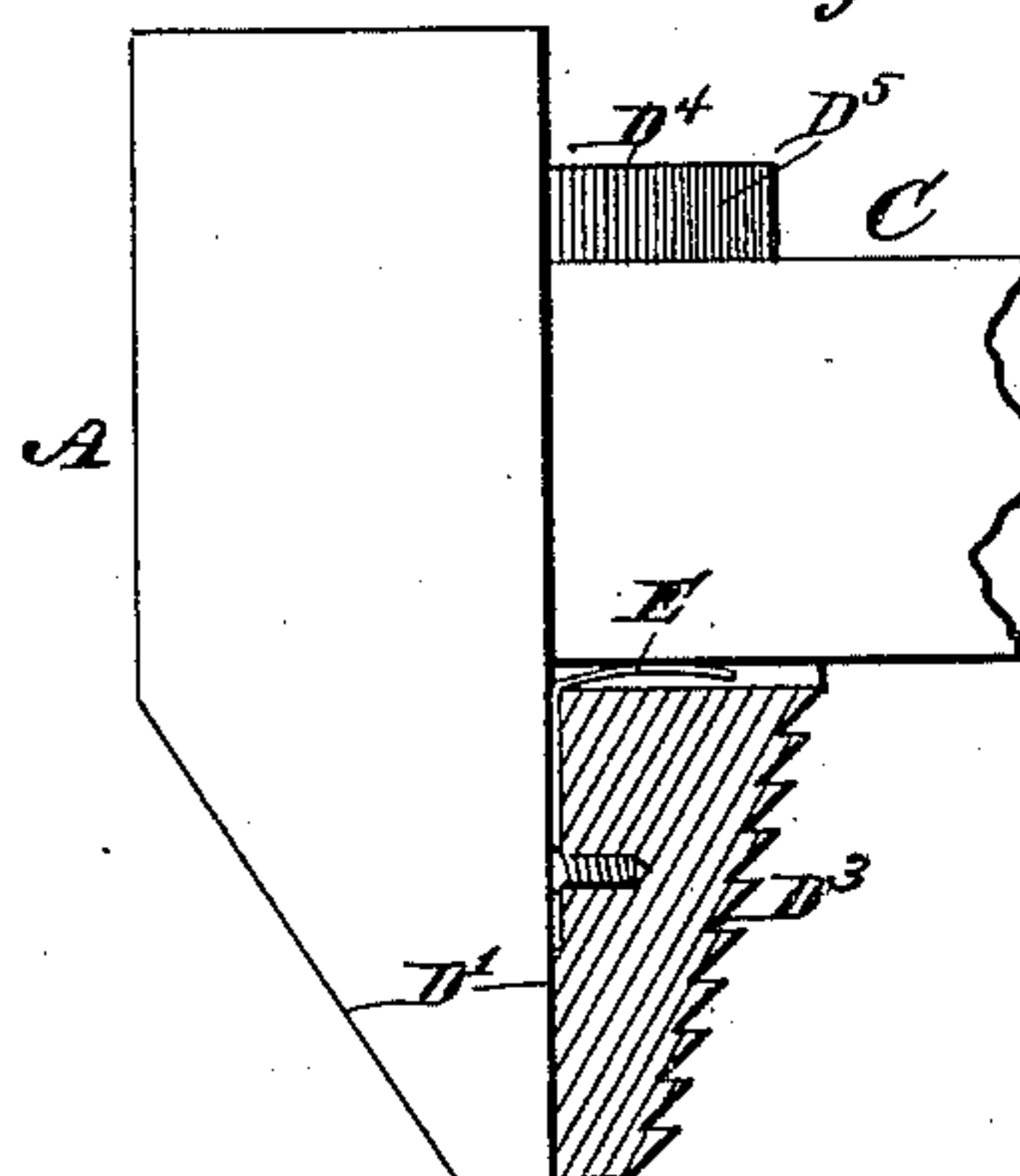


Fig. 3.



Witnesses.

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PIPE ATTACHMENT FOR WRENCHES.

SPECIFICATION forming part of Letters Patent No. 685,871, dated November 5, 1901.

Application filed June 6, 1901. Serial No. 63,488. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM H. ROBINSON, a citizen of the United States, residing at Marion, in the county of Linn and State of Iowa, have invented certain new and useful Improvements in Pipe Attachments for Wrenches; 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.

The object of this invention is to provide a common monkey-wrench with a simple and quickly-applied device for holding pipe, round rods, and the like.

The nature of the invention will appear from the description and claims following, reference being had to the accompanying drawings, in which—

Figure 1 is a side view of a device embodying my invention as in use. Fig. 2 is a top view of the same. Fig. 3 is a central vertical section of the same.

In the drawings, A designates the outer fixed jaw of a monkey-wrench, and B the movable jaw.

C is the shank on which the jaw B moves.

The pipe-holding attachment D has one plane face at D' abutting on the inner face of the jaw A and an inclined serrated face D² opposite adapted to grip a pipe or rod, as shown in Fig. 1. This pipe-jaw is held in position on the shank of the wrench by a pair of upwardly-extending arms D³, terminating at their upper ends in inwardly-extending lugs D⁴. As seen from above, these arms and lugs have diagonal inner faces D⁵, which are separated a distance equal to the diameter of the shank, so that by turning the jaw a short distance the diagonal opening between the jaws will coincide with said shank and the jaw may be attached and detached.

To prevent accidental dislodgment of the pipe-jaw, it may be provided with a spring E to press on one side of the shank and hold

the lugs D⁴ snugly against the opposite side thereof.

Aside from the convenience in attaching and detaching the device has the further advantage of connecting only with the shank. Even in the case of old wrenches this shank is usually in fairly perfect condition, and the attachment will fit it with little or no filing or grinding. The head A', however, in a wrench that has had much use is always more or less battered and requires dressing if the pipe attachment is to connect with it.

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

1. A pipe attachment for wrenches, comprising an inclined, serrated jaw having extended arms to embrace the shank of the wrench, and terminating in diagonally opposite, inwardly-extending lugs, substantially as described.

2. A pipe attachment for wrenches, comprising an inclined, serrated jaw adapted to abut on the wrench-jaw, and having extended arms to embrace the wrench-shank, with diagonally opposite, inwardly-extending lugs to engage the top of said shank, the inner faces of said lugs and coinciding portion of the arms being inclined, and separated a distance equal to the thickness of the shank.

3. A pipe-holding attachment for wrenches, comprising an inclined, serrated jaw, arms extending therefrom, to embrace the wrench-shank, terminal lugs on said arms extending inwardly at diagonally opposite points, and separated by a distance equal to the thickness of the shank, and a spring for keeping the attachment in position.

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

WILLIAM H. ROBINSON.

Witnesses:

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