

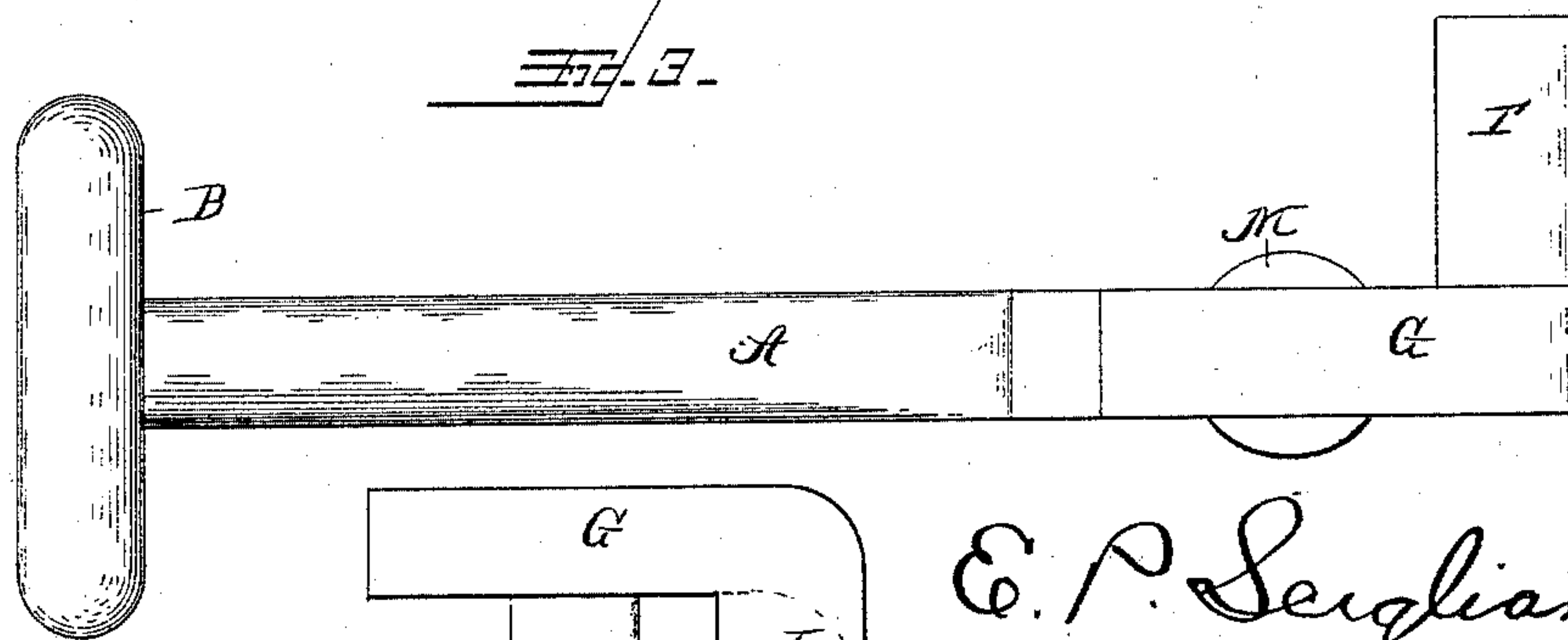
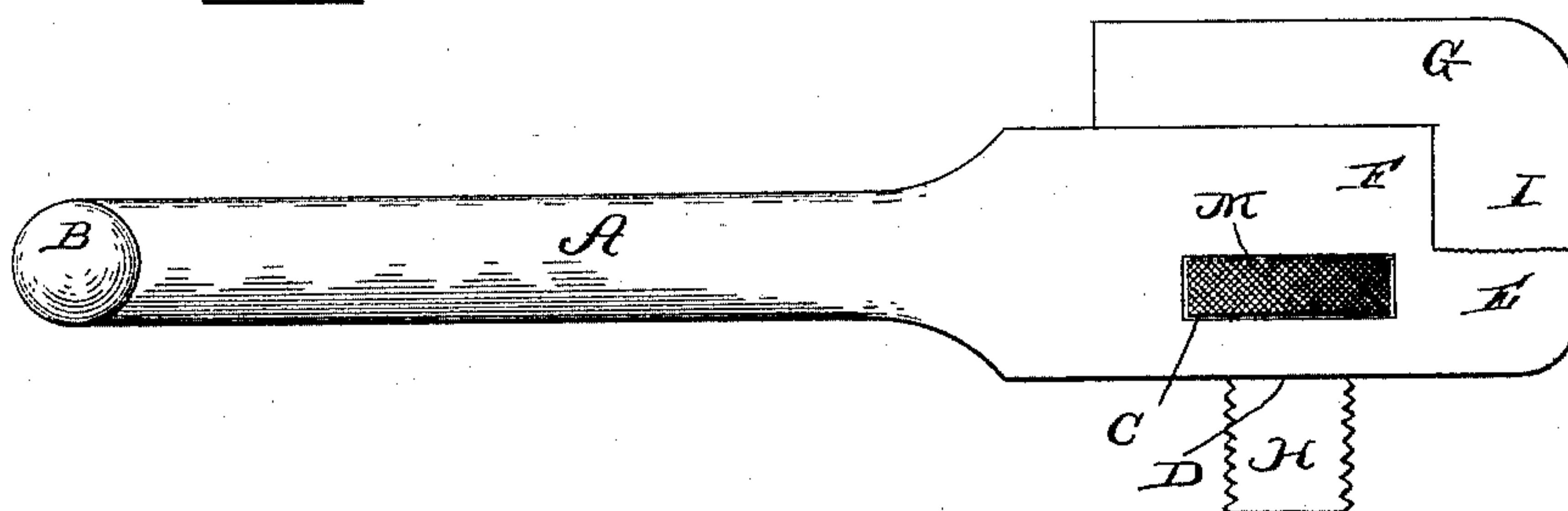
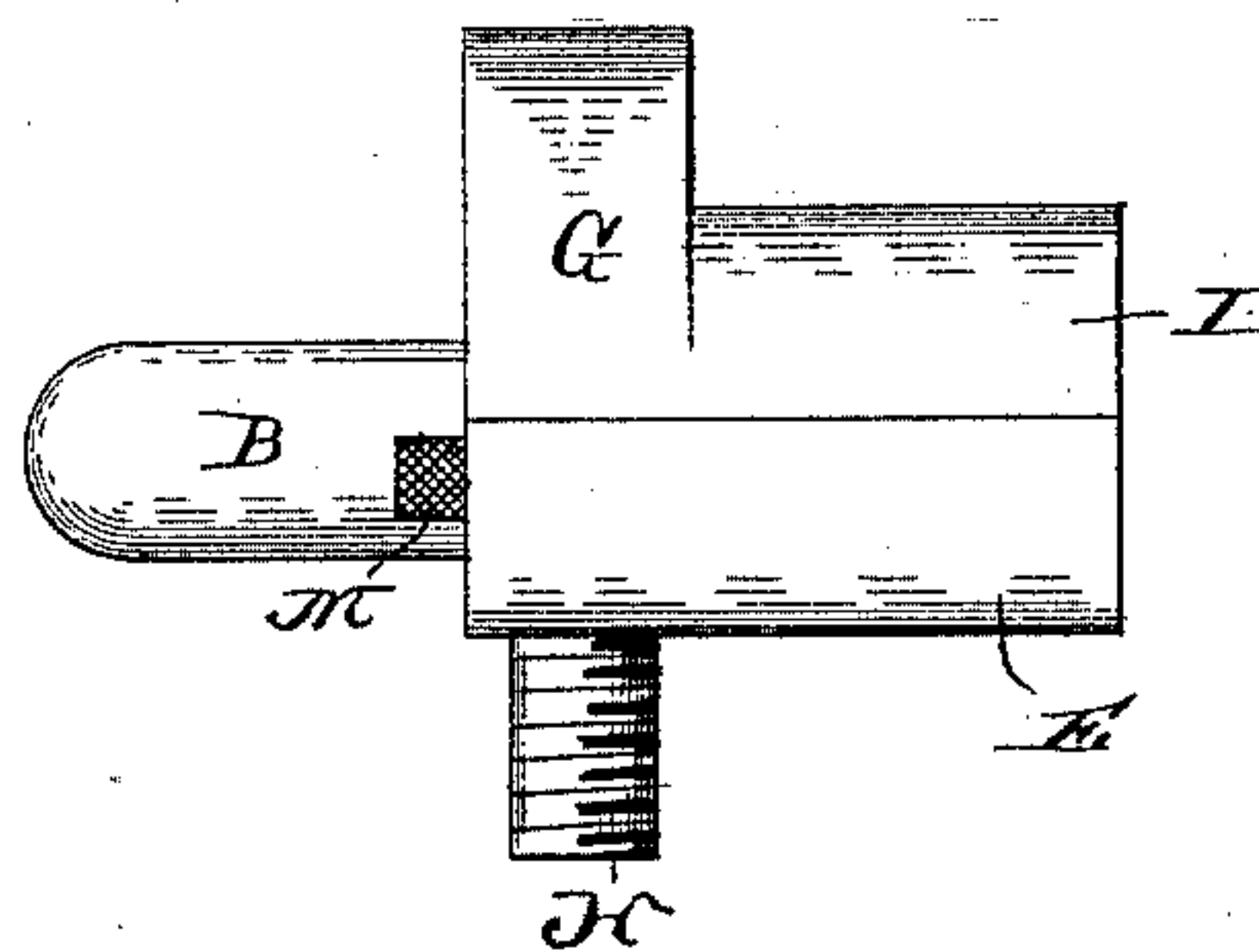
(No Model.)

E. P. SCIGLIANO.
NUT WRENCH.

No. 485,775.

Patented Nov. 8, 1892.

Fig. 1.



WITNESSES

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UNITED STATES PATENT OFFICE.

EMMANUEL PETER SCIGLIANO, OF BOSTON, MASSACHUSETTS.

NUT-WRENCH.

SPECIFICATION forming part of Letters Patent No. 485,775, dated November 8, 1892.

Application filed May 27, 1892. Serial No. 434,606. (No model.)

To all whom it may concern:

Be it known that I, EMMANUEL PETER SCIGLIANO, a citizen of the United States, residing at Boston, in the county of Suffolk and State of Massachusetts, have invented certain new and useful Improvements in Nut-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.

My invention has relation to improvements in nut-wrenches; and it has for its object to provide a wrench through the medium of which nuts seated in recesses and other remote places may be readily turned.

To the attainment of the foregoing and other objects, the invention consists in the peculiar construction and certain novel combination and adaptation of parts hereinafter described, and particularly pointed out in the claim appended.

In the accompanying drawings, Figure 1 is a front elevation of a wrench embodying my invention. Fig. 2 is a side elevation of the same. Fig. 3 is a top plan view, and Fig. 4 is a side elevation of the movable jaw.

In the said drawings similar letters designate corresponding parts throughout the several views, referring to which—

A indicates the shank of my improved wrench, which is provided at one end with a T-handle branch B, through the medium of which it may be readily turned. This shank A, which is enlarged at its opposite end, is provided with a vertical transversely-disposed slot C and a vertical transverse slot or bore D, which is disposed at right angles to the slot C and intersects the same, as illustrated.

Formed integral with the upper end of the shank A and extending forwardly therefrom is an angular jaw E, which is milled or roughened, as shown, and formed integral with the shank A, immediately above the jaw E, and extending laterally inward from said shank, is an angular branch F, which serves in practice to limit the inward adjustment of the movable jaw-body G. This jaw-body G, which is fixedly mounted upon the laterally-mov-

able screw H, is provided at its upper end with the forwardly-extending angular jaw I, which is milled or roughened on its inner side and is designed and adapted to act in conjunction with the jaw E of the shank A to grasp a nut.

The laterally-movable screw H, which is preferably of a general rectangular form in cross-section, takes loosely through the slot D of the shank A, as shown, and mounted upon the said screw and resting within the slot C of said shank is the adjusting-nut M, through the medium of which the screw and the movable jaw I are moved laterally. By this construction it will be readily perceived that the wrench may be quickly and conveniently adjusted, so as to grasp nuts of various sizes.

From the foregoing description it will be readily perceived that I have provided a wrench which requires but little space for operation, whereby it may be inserted in recesses and other places to remove or place nuts in position.

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

In a nut-wrench, the combination, with the shank A, having a T-handle branch B at one end, its opposite end being enlarged and provided with a transverse slot C and a vertical bore D, formed at right angles with the slot and the bore and slot intersecting each other, the angular jaw E on the end of the shank, and a lateral inward-extending branch F, of the jaw-body G, having a screw H, engaging the bore D and movable therein, and the forwardly-extending angular jaw I at the upper end of the body, in connection with the angular jaw E and the adjusting-nut M, mounted upon the screw H and engaging the slot C of the shank, all combined and arranged to operate as and for the purposes specified.

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

EMMANUEL PETER SCIGLIANO.

Witnesses:

T. W. CURRAN,
GENNARO SCIGLIANO.