

(Model.)

J. PERRETTE

TUBING CLAMP.

No. 254,567

Patented Mar. 7, 1882.

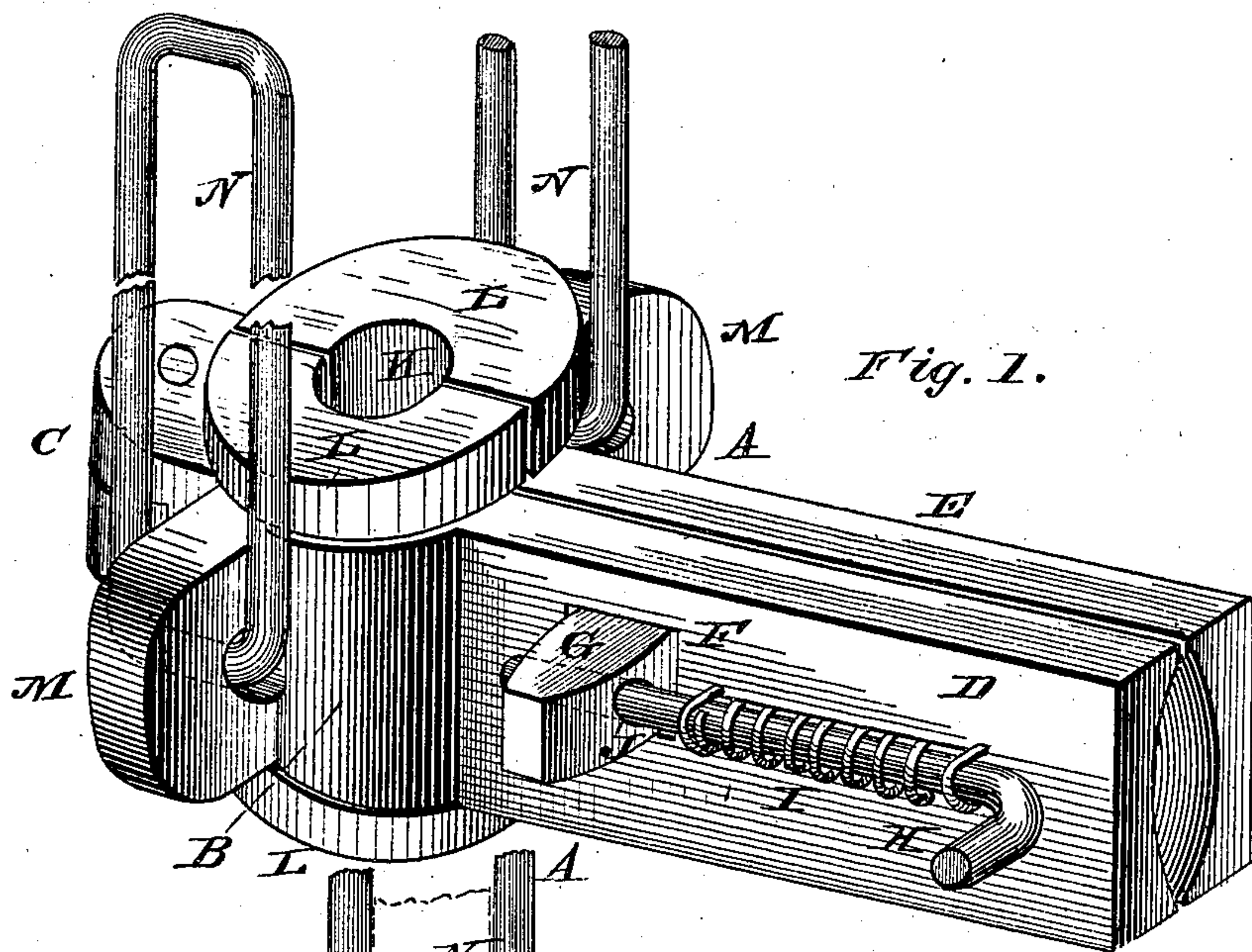


Fig. 1.

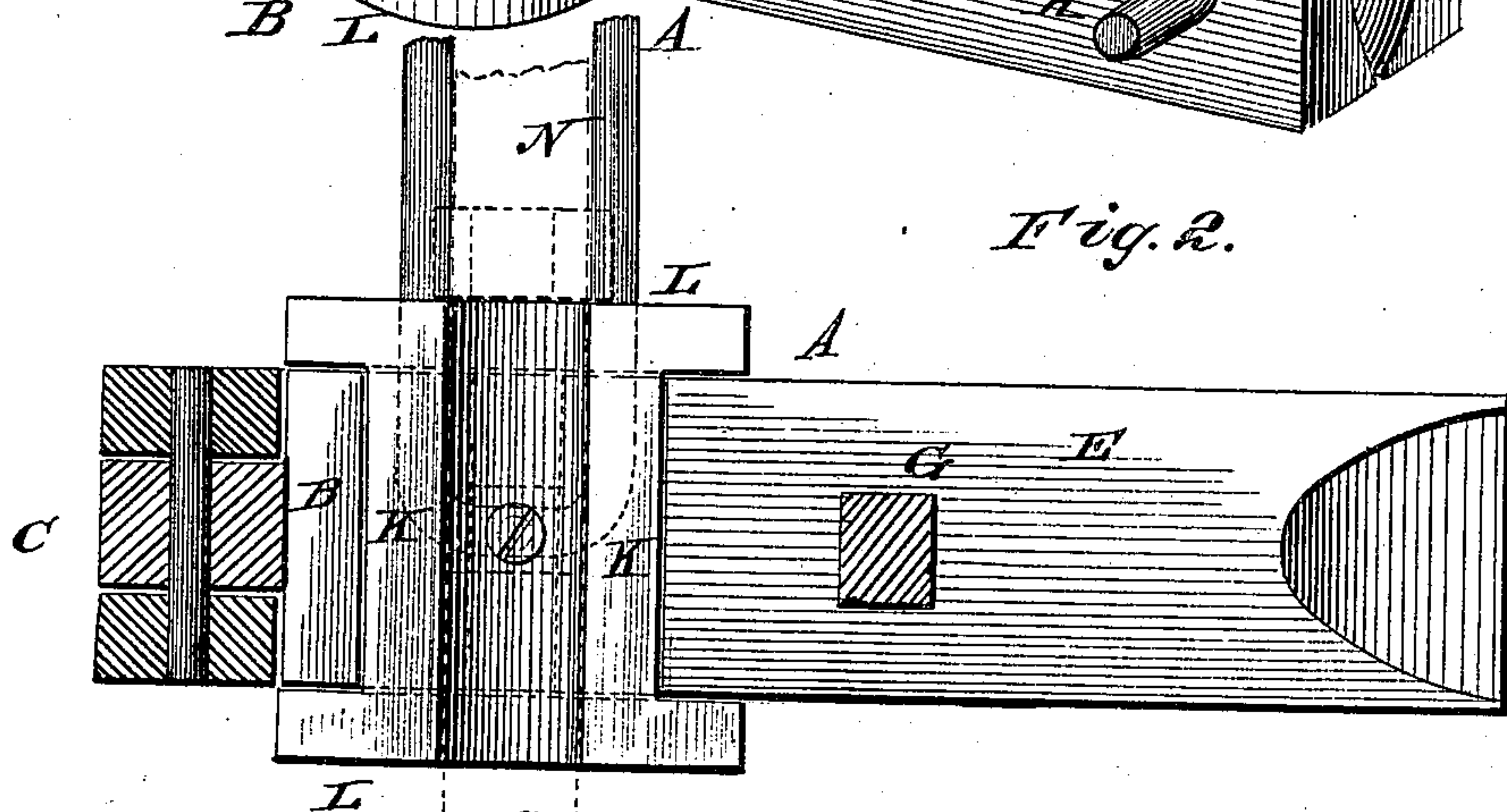


Fig. 2.

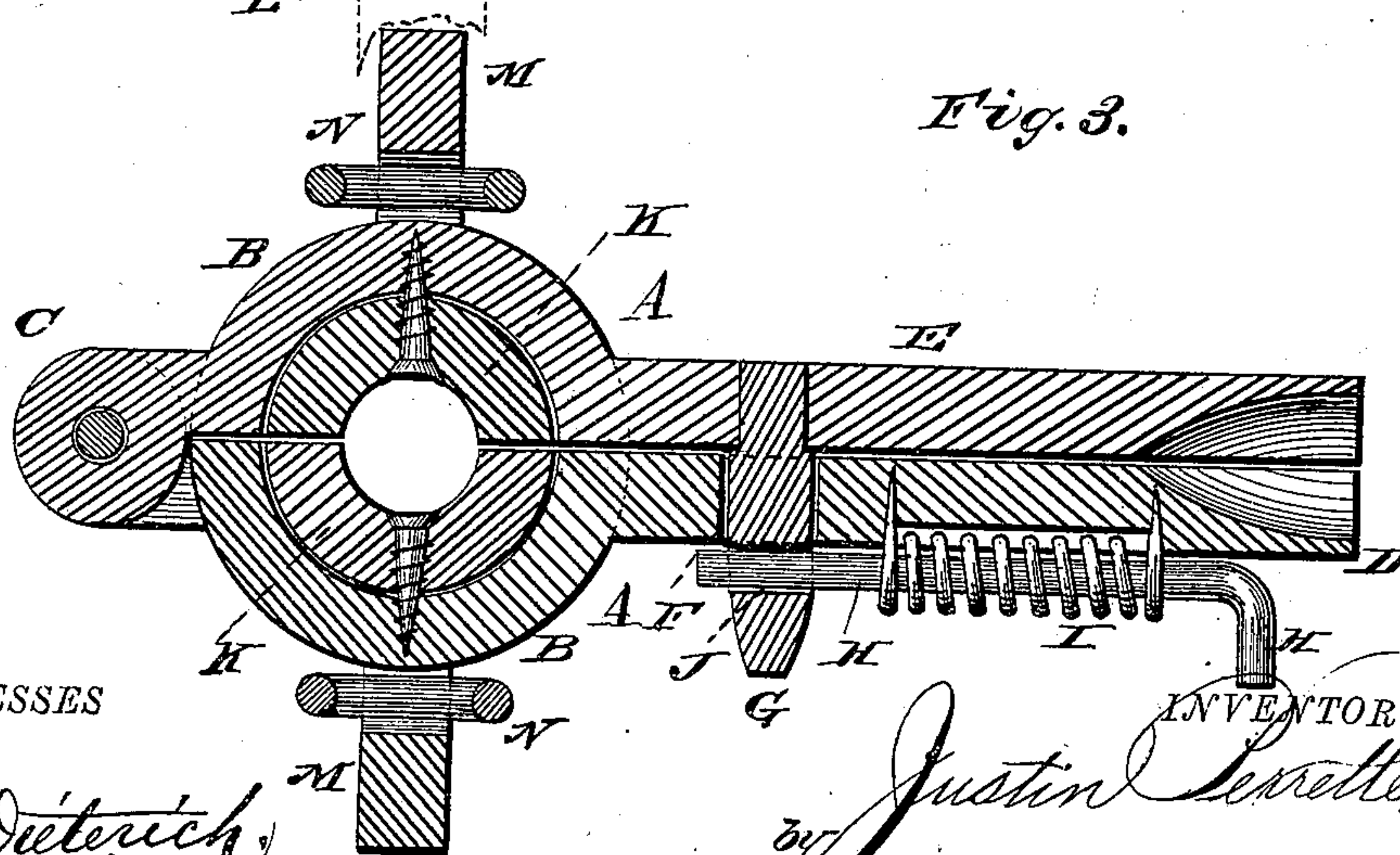


Fig. 3.

WITNESSES

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INVENTOR

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UNITED STATES PATENT OFFICE.

JUSTIN PERRETTE, OF TITUSVILLE, PA., ASSIGNOR OF ONE-HALF TO E. C. TARR, A. A. SCHIENE, AND HARRY BERNSTEIN, OF SAME PLACE.

TUBING-CLAMP.

SPECIFICATION forming part of Letters Patent No. 254,567, dated March 7, 1882.

Application filed December 16, 1881. (Model.)

To all whom it may concern:

Be it known that I, JUSTIN PERRETTE, of Titusville, in the county of Crawford and State of Pennsylvania, have invented certain new and useful Improvements in Tubing-Clamps; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

Figure 1 is a perspective view. Fig. 2 is a longitudinal vertical sectional view, and Fig. 3 is a horizontal sectional view.

Corresponding parts in the several figures are denoted by like letters of reference.

This invention relates to an improved tubing and casing clamp for holding tubing or casing while being lowered into or raised from oil or Artesian wells; and it consists in certain improvements in the construction of the same, which will be hereinafter fully described, and particularly pointed out in the claims.

In the drawings hereto annexed, A A represent the clamping-jaws, which consist of semi-cylindrical shells B B, hinged together at their rear edges, as shown at C, and having forward-projecting arms D E; one of which, D, has an opening, F, to admit of the passage of a stud or lug, G, projecting laterally from the arm E. Arm D is also provided with bearings for a longitudinally-sliding latch or bolt, H, forced in a rearward direction by a suitably-arranged spring, I, so as to pass through an eye or opening, J, in the lug or stud G.

K K are a pair of semi-cylindrical shells, having flanges L at their upper and lower ends, so as to be capable of being adjusted in the clamping-jaws B, as shown, where they may be held by screws or in any suitable manner. In this manner the size of the clamping-jaws may be reduced, so as to fit tubing or casing of any size or diameter.

The jaws B are provided with laterally-projecting perforated ears or lugs M, in which

links N are placed for connection with the chain or rope of the hoisting apparatus.

From the foregoing description, taken in connection with the drawings hereto annexed, the operation of my invention will be readily understood. The clamp is adjusted upon the tubing or casing just below the enlarged portion at the coupling-joint, thus holding the tubing or casing while being raised or lowered by the hoisting apparatus to which the clamp is attached. The clamp, it will be observed, may be used with either side up, and it may be readily removed from the tubing without slacking the hoisting-rope—an operation which requires considerable strength—by simply withdrawing the bolt or latch and prying the jaws open. To assist in doing this the inner ends of the arms D E may be beveled, as shown in the drawings.

I am aware that tubing-clamps have been made with forward-projecting arms beveled upon their upper and lower adjoining sides.

I am also aware that reducing-shells flanged at their upper ends only have been used; and this I do not claim; but,

Having thus described my invention, I claim and desire to secure by Letters Patent of the United States—

1. In a tubing-clamp, the herein-described jaws, hinged together and having forward-extending arms beveled upon their inner or adjoining front ends, so as to admit a prying-tool, as set forth.

2. In a tubing-clamp having semi-cylindrical jaws, the combination, with said jaws, of the semi-cylindrical reducing-shells having flanges at their upper and lower ends, to enable the device to be used with either side uppermost, as set forth.

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

JUSTIN PERRETTE.

Witnesses:

P. J. MEISING,
HARRY BERNSTEIN.