

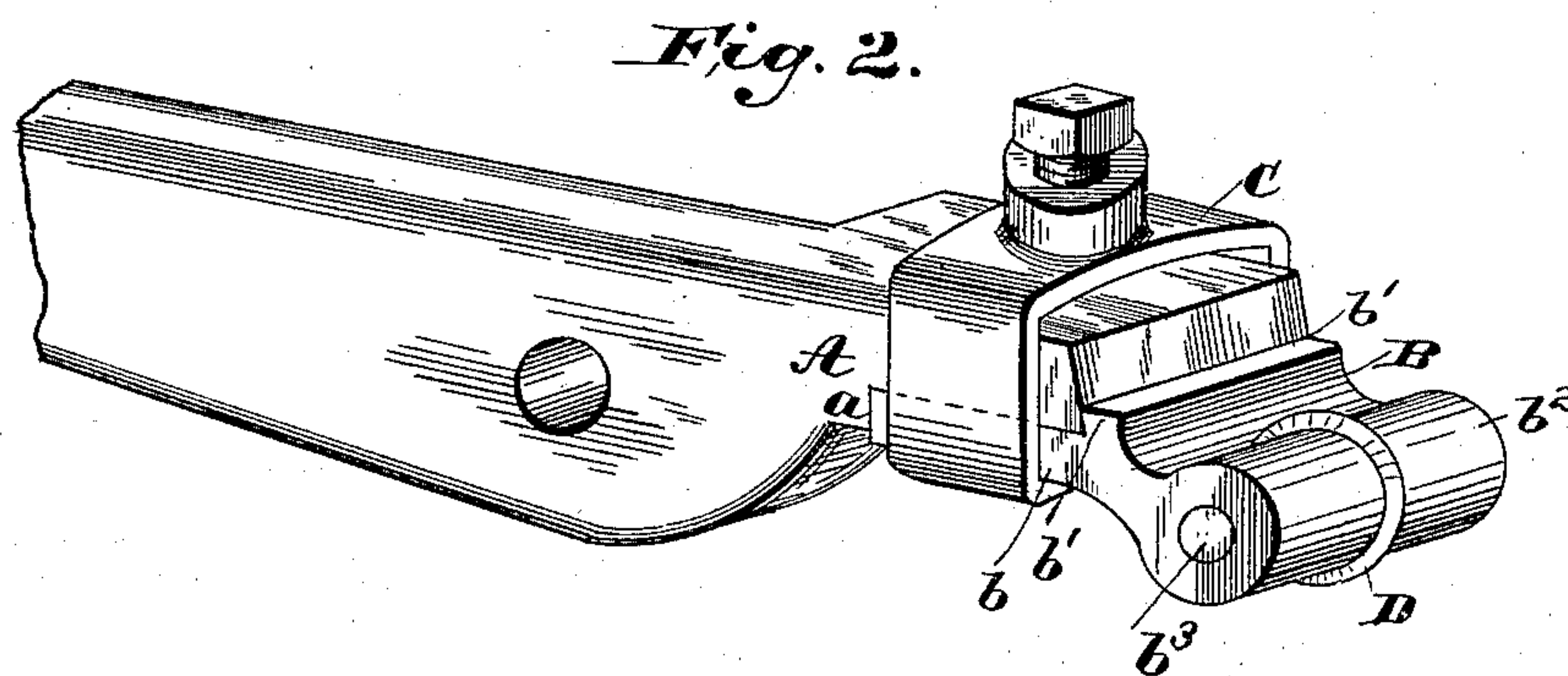
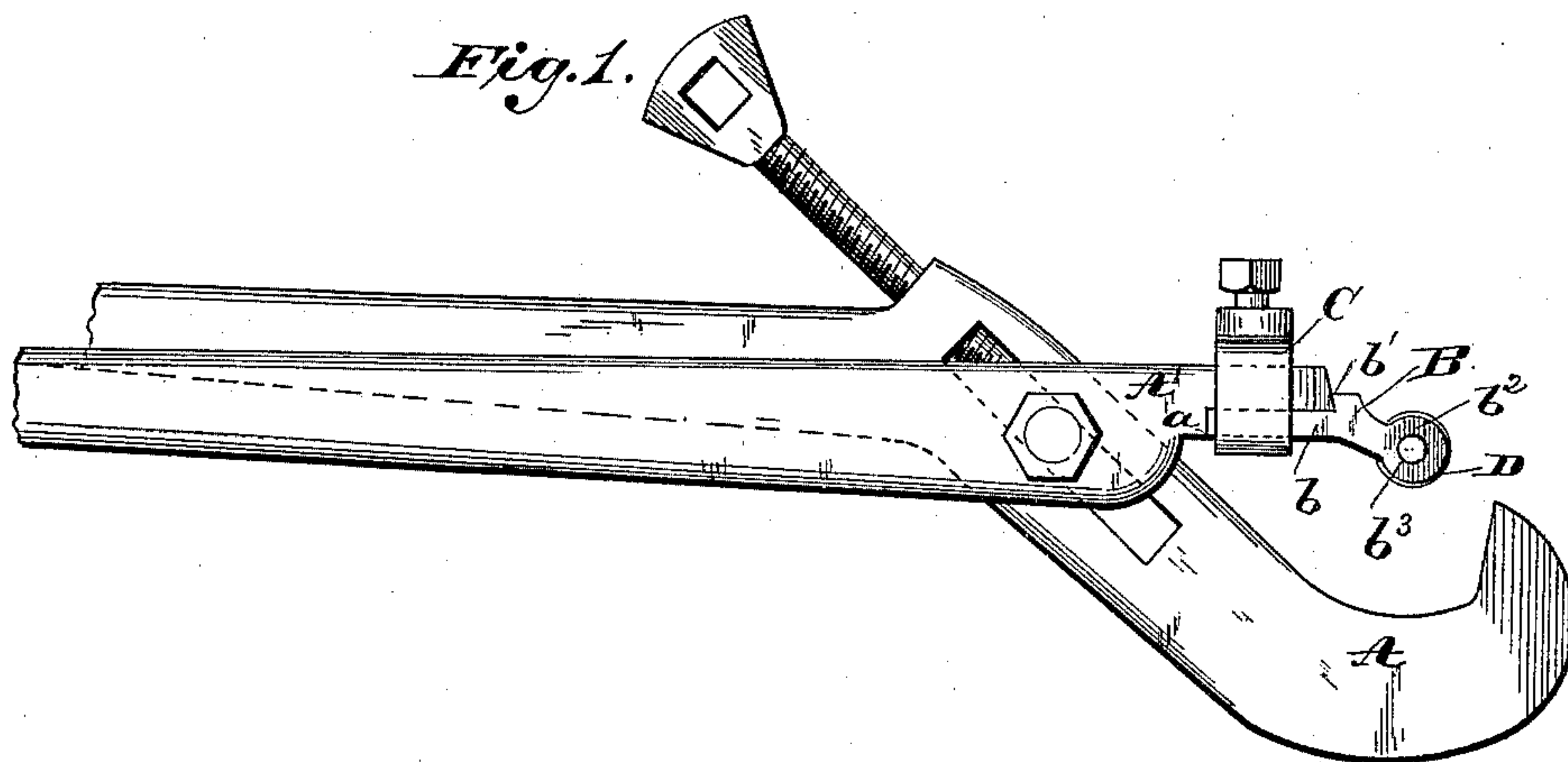
(No Model.)

R. B. MAGEE & F. C. KNOWLES.

PIPE TONGS.

No. 396,753.

Patented Jan. 29, 1889.



Witnesses,

E. Walker
S. Dobbins

Inventors,

R. B. Magee
F. C. Knowles

By Their Attorneys

Hall & Hall

UNITED STATES PATENT OFFICE.

ROBERT B. MAGEE AND FRED C. KNOWLES, OF OIL CITY, PENNSYLVANIA.

PIPE-TONGS.

SPECIFICATION forming part of Letters Patent No. 396,753, dated January 29, 1889.

Application filed May 15, 1888. Serial No. 273,967. (No model.)

To all whom it may concern:

Be it known that we, ROBERT B. MAGEE and FRED C. KNOWLES, citizens of the United States, residing at Oil City, in the county of Venango and State of Pennsylvania, have invented certain new and useful Improvements in Pipe-Tongs; and we 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.

This invention relates to pipe-tongs; and it consists in an attachment therefor by which an ordinary pair of pipe-tongs can be used for cutting pipe.

The invention is illustrated in the accompanying drawings, as follows:

Figure 1 is a side elevation of an ordinary type of pipe-tongs provided with the aforesaid attachment and fitted for cutting pipe. Fig. 2 is a perspective view of the jaw when fitted for use as a cutter.

A is the hook-jaw, and A' the biting-jaw, of the tongs. The attachment, which forms the subject of this invention, is applied to the jaw A'. It is marked B. It has a shank part, b,

a shoulder, b', a head, b², a journal-pin, b³, in said head, and a cutter, D, journaled on said pin in a slot in said head. The attachment B is secured to the jaw A' by a proper clamping device, C.

Figs. 1 and 2 clearly show the manner of applying the attachment B for use. It is obvious that other means than the exact clamp C, which is shown, may be used to secure the attachment B in place and allow it to be quickly and easily removed.

What we claim as new is—

In pipe-tongs, the combination, with the biting-jaw A', having a shoulder, a, of the attachment B, having a shank, b, shoulder b', head b², and cutter D, journaled in said head, and a clamp, C, embracing the jaw A and attachment B, substantially as shown.

In testimony whereof we affix our signatures in presence of two witnesses.

ROBERT B. MAGEE.
FRED C. KNOWLES.

Witnesses:

JACOB RITTER,
LOUIE FOUQUET.