

(No Model.)

2 Sheets—Sheet 1

W. GORMLEY.

PIPE WRENCH.

No. 369,336.

Patented Sept. 6, 1887.

FIG. 1.

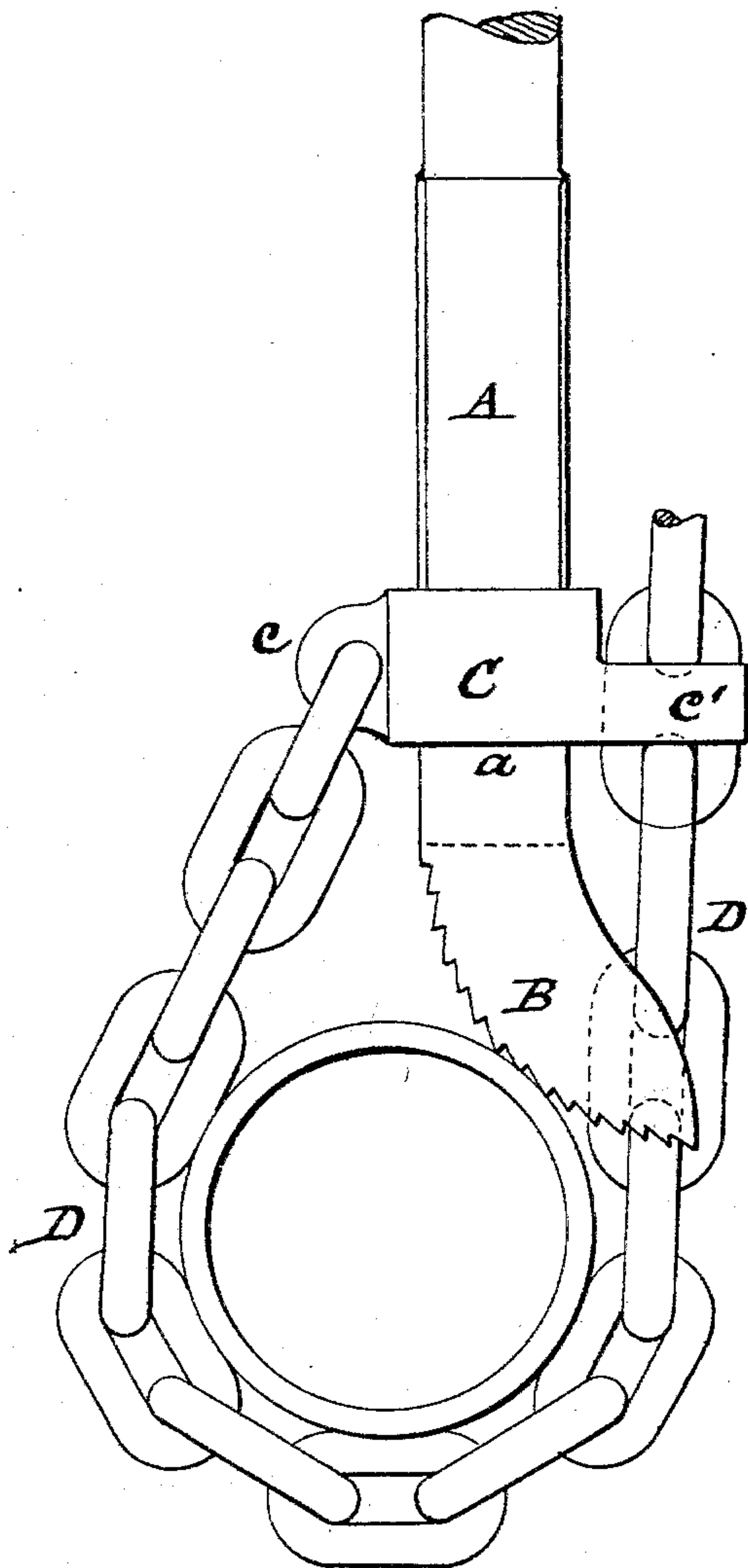
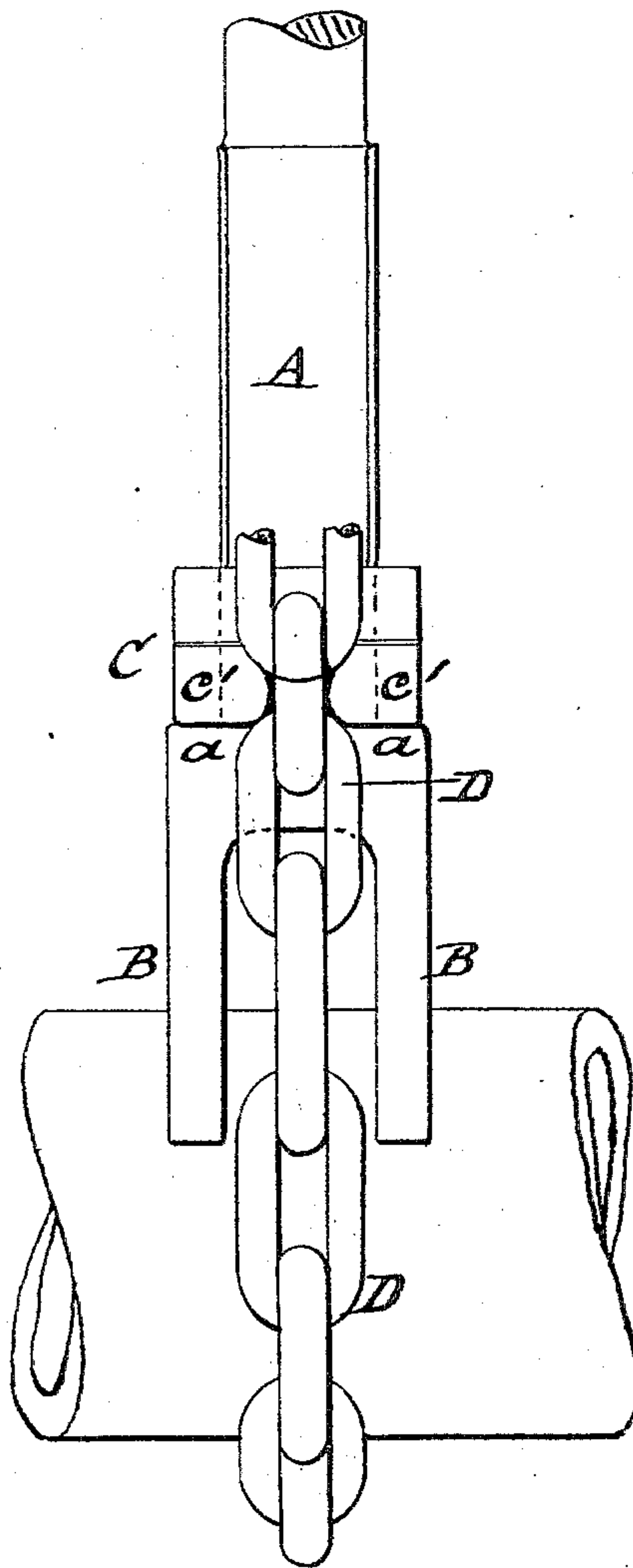


FIG. 2.



ATTEST:

Geo. H. Arthur

M. J. Butler

INVENTOR:

William Gormley

by

Robert Burns
Attorney.

(No Model.)

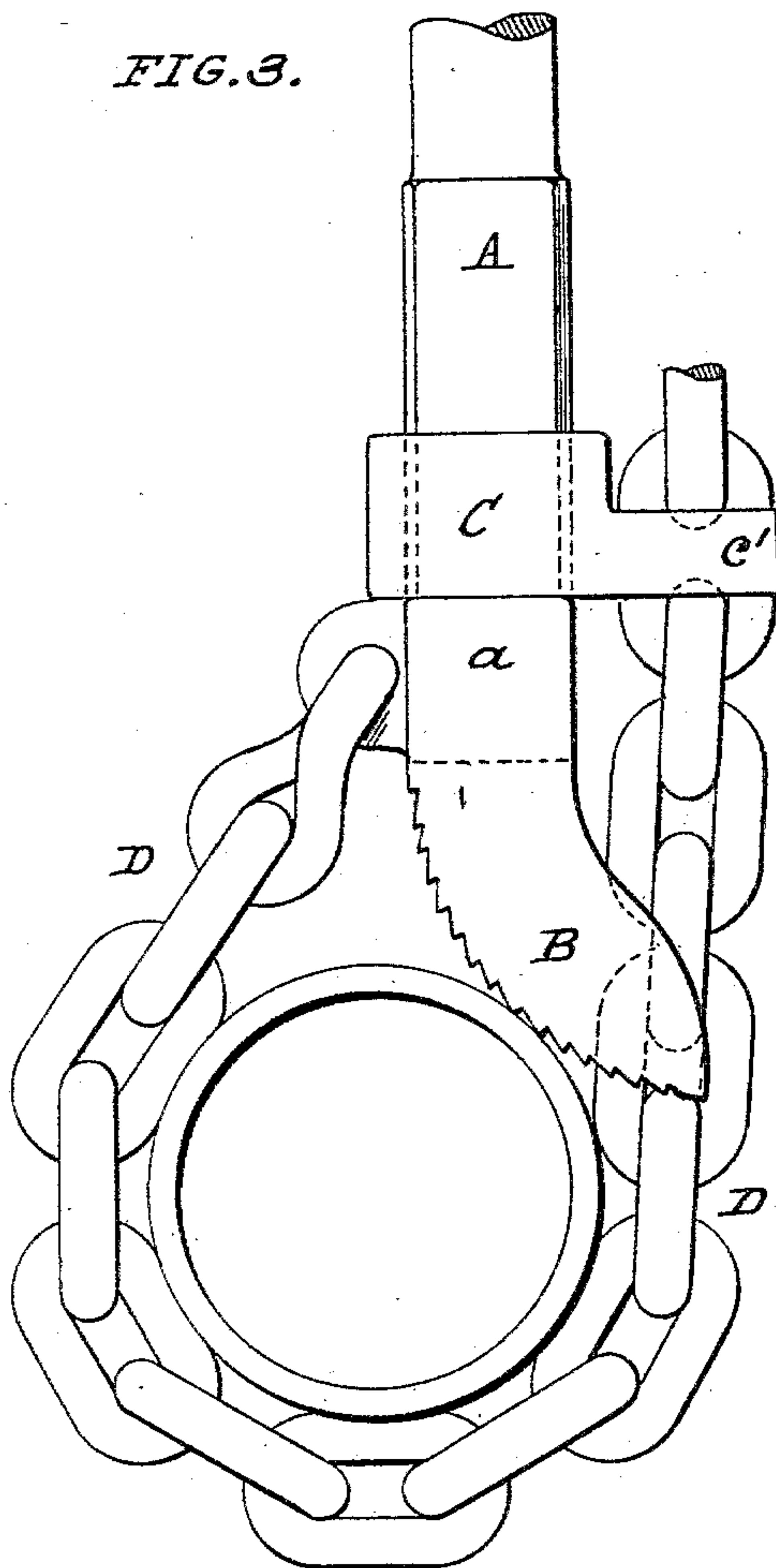
2 Sheets—Sheet 2.

W. GORMLEY.
PIPE WRENCH.

No. 369,336.

Patented Sept. 6, 1887.

FIG. 3.



ATTEST:

Wm J. Stewart
W. J. Murphy

INVENTOR:

Wm Gormley,
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UNITED STATES PATENT OFFICE.

WILLIAM GORMLEY, OF CHICAGO, ILLINOIS.

PIPE-WRENCH.

SPECIFICATION forming part of Letters Patent No. 369,336, dated September 6, 1887.

Application filed June 9, 1887. Serial No. 240,833. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM GORMLEY, a citizen of the United States, and a resident of Chicago, in the county of Cook and State of Illinois, have invented a certain new and useful Improvement in Pipe-Wrenches; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming a part of this specification.

This invention relates to that class of pipe-wrenches in which an adjustable chain embraces the pipe and, in connection with a lever, grips the pipe so that it can be effectually manipulated; and the object of the present improvement is to provide a cheap and effective means of attachment of chain to the lever, which can be readily and cheaply replaced in case of breakage or fracture of the attaching-eyes and prongs. I attain such effect by the construction illustrated in the accompanying drawings, in which—

Figure 1 is a side elevation of a pipe-wrench embodying my present improvement; Fig. 2, a front elevation of the same, and Fig. 3 a side elevation of a modified form of my improvement.

Similar letters of reference indicate like parts in all the views.

Referring to the drawings, A represents the wrench-lever, of the usual form, having the usual serrated, curved, and forked lower end, B, for engaging the pipe in manner usual to pipe-wrenches.

My improvement consists in the use of a removable sleeve, C, which embraces the lever A and rests upon the shoulder *a*, formed by the forked lower end of such lever, as indicated in the drawings. To this sleeve I permanently attach one end of the wrench-chain D by means of an eye, *c*, the other end of such chain being adjustably connected to said sleeve by means of prongs, forks, or hooks *c'*, upon which the desired link of the chain is hooked. In some cases, if desired, the chain can be permanently attached to the lever and sleeve C employed to effect the adjustment of the chain to the different sizes of pipes, as illustrated in Fig. 3.

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

1. The combination, with a shouldered pipe-wrench, lever, and chain, of a removable sleeve, C, having means for adjustably attaching the chain, essentially as described, and for the purpose set forth.

2. The combination of the removable sleeve C, having eye *c* and prongs or hooks *c'*, with the lever A, having a shoulder, *a*, and chain D, essentially as and for the purpose set forth.

In testimony whereof witness my hand this 6th day of June, 1887.

WILLIAM GORMLEY.

In presence of—

ROBERT BURNS,
JOHN GINOECHIE.