

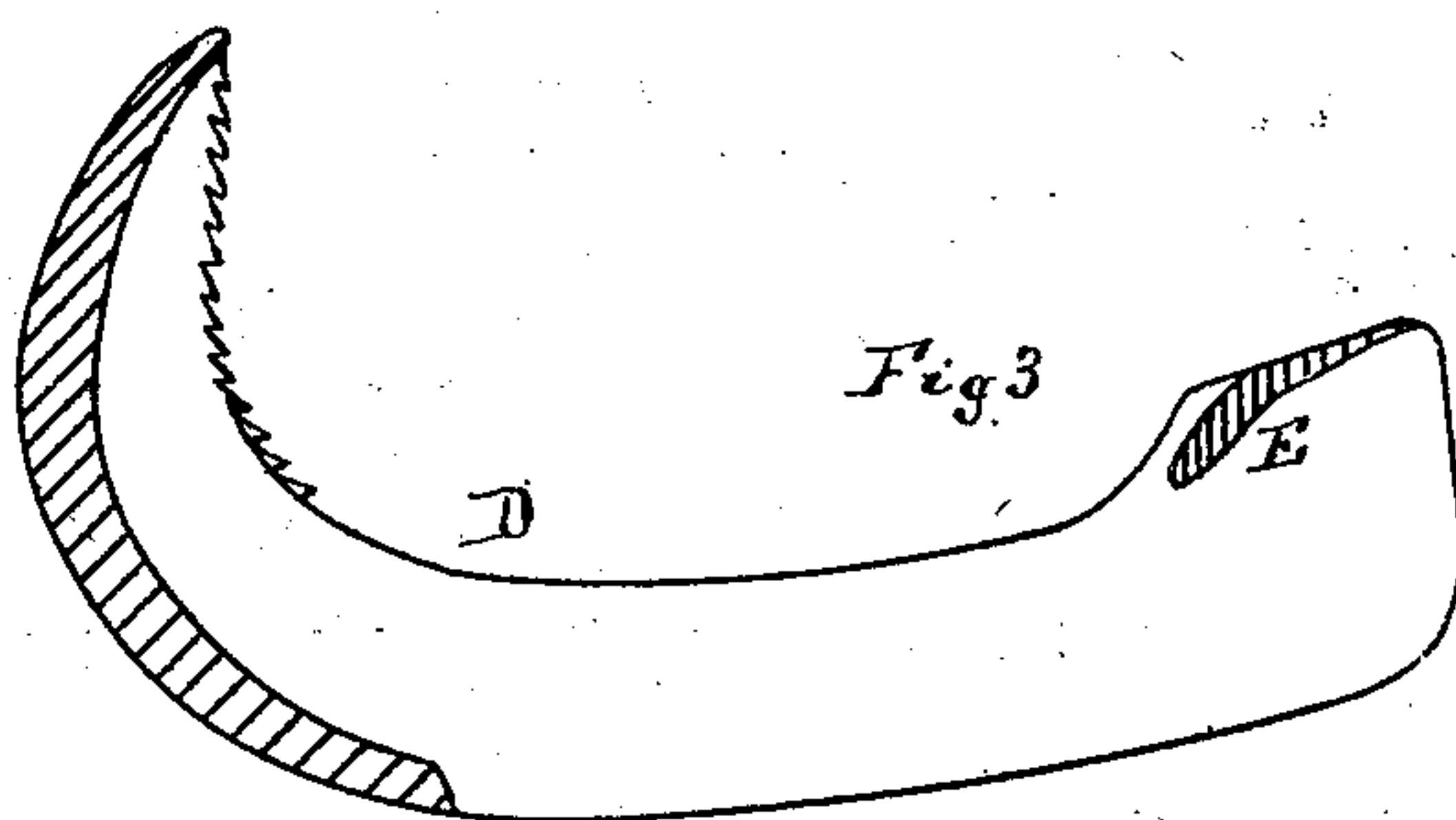
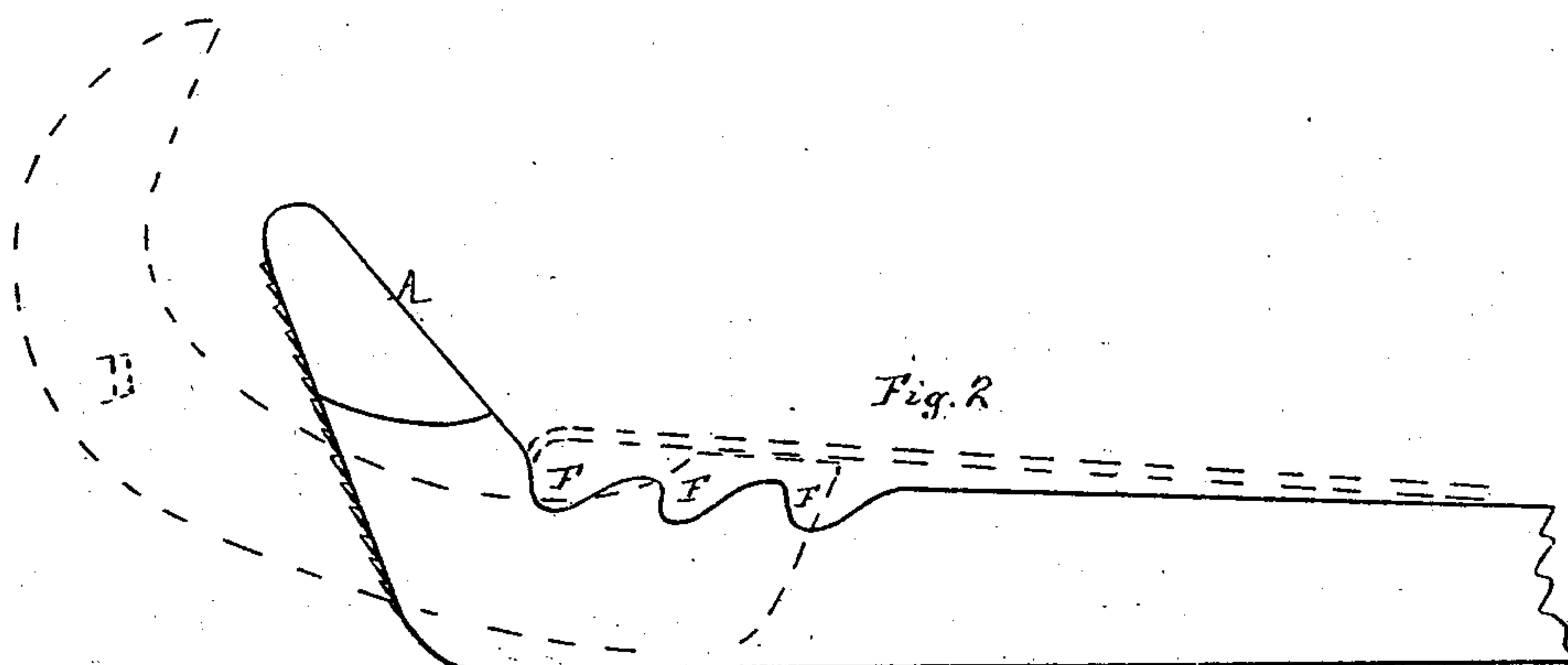
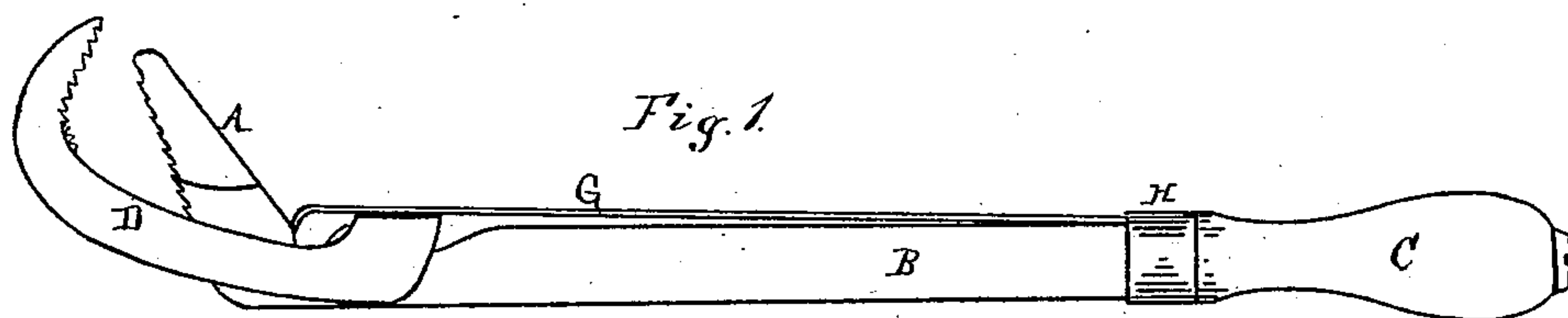
(No Model.)

H. B. WILLIAMS.

PIPE WRENCH.

No. 275,106.

Patented Apr. 3, 1883.



Attest:
A. Sprague
E. W. Andrews

Inventor:
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Atty.

UNITED STATES PATENT OFFICE.

HENRY B. WILLIAMS, OF FREMONT CENTRE, MICHIGAN, ASSIGNOR OF ONE-HALF TO JOSEPH GERBER, OF SAME PLACE.

PIPE-WRENCH.

SPECIFICATION forming part of Letters Patent No. 275,106, dated April 3, 1883.

Application filed February 8, 1883. (No model.)

To all whom it may concern:

Be it known that I, HENRY B. WILLIAMS, of Fremont Centre, in the county of Newaygo and State of Michigan, have invented new and useful Improvements in Pipe-Wrenches; and I hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, which form a part of this specification.

10 This invention relates to certain new and useful improvements in the construction of pipe-wrenches; and the invention consists in the peculiar construction, arrangement, and combination of the parts, as more fully herein-
15 after described and claimed.

Figure 1 is a side elevation of my improved pipe-wrench. Fig. 2 is a similar view of the stationary jaw. Fig. 3 is a longitudinal section of the adjustable jaw.

20 In the accompanying drawings, A represents the stationary jaw, which is provided with the tang B and the handle C.

D represents the adjustable jaw, substantially of the form shown, and is longitudinally
25 slotted to embrace the tang of the jaw A. At the heel of the jaw D the sides of such jaw are secured together by the girt E, which forms

an integral part of the jaw, and which, when the jaws are placed together, engages with one of the notches F in the edge of the tang.

G is a bar-spring, one end of which is rigidly secured by the ferrule H of the handle, while the opposite end rests upon the girt in the heel of the jaw D and retains it in its adjusted positions.

35 In practice the jaw D is opened, and the article to be turned is placed between the jaws. By then lifting the handle the jaws are compelled to tightly grasp the pipe and turn the same. For use upon larger pipe the jaw D is
40 placed in the notch near the head or jaw; but for smaller pipe the jaw D is adjusted further back upon the tang, which will bring the two jaws nearer together.

What I claim as my invention is—

45 A pipe-wrench consisting of the jaws A D, tang B, having notches F, and spring G, fixed upon the handle and operating on the girt E, constructed substantially as described.

HENRY B. WILLIAMS.

Witnesses:

C. I. RATHBUN,
JESSE MCINTIRE.