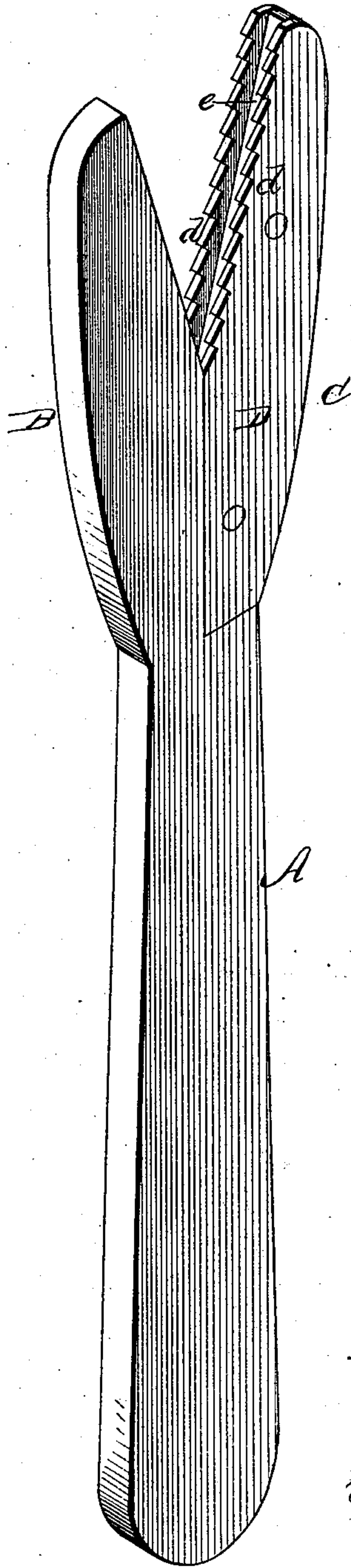


(No Model.)

G. W. GRIFFITHS.
Pipe-Wrench.

No. 227,768.

Patented May 18, 1880.



Witnesses

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UNITED STATES PATENT OFFICE.

GRIFFITH W. GRIFFITHS, OF TECUMSEH, MICHIGAN.

PIPE-WRENCH.

SPECIFICATION forming part of Letters Patent No. 227,768, dated May 18, 1880.

Application filed April 5, 1880. (No model.)

To all whom it may concern:

Be it known that I, GRIFFITH W. GRIFFITHS, of Tecumseh, in the county of Lenawee and State of Michigan, have invented certain new and useful Improvements in Pipe-Wrenches; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing, and to the letters of reference marked thereon, which forms part of this specification, in which the figure is a perspective view of my wrench.

The object of my invention is to provide a simple and effective pipe-wrench; and it consists in a straight metal bar whose upper end is forked to form two jaws, one of which is smooth and the other is provided with two serrated steel cheeks projecting beyond the inner edge of the jaw, whereby the pipe is held better and firmer, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation.

A represents the handle of my wrench, which is broadened and forked at the upper end to form two jaws, B C. The jaw B is smooth upon its inner face, while the jaw C is provided

on each side with a steel cheek, D, having its inner edges formed with serrations *d d*, which project a suitable distance beyond the face of the jaw C, leaving a groove or concave, *e*, between them. These cheeks D D are riveted or otherwise firmly secured to the jaw, and their serrated edges, clutching the pipe in two parallel lines, gain a firmer hold and are less liable to slip than if the jaw were flush upon its face. In the event of one of these cheeks breaking it may be removed and another substituted with very little expense.

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

As a new article of manufacture, the within-described pipe-wrench, having a V-shaped mouth, one jaw of which is provided with serrated steel cheeks D D, which project beyond the face of the jaw, thus leaving a trough or concave, *e*, between them, substantially as and for the purposes herein set forth.

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

GRIFFITH W. GRIFFITHS.

Witnesses:

WM. R. WOODEN,
WILLIS MERRITT.