

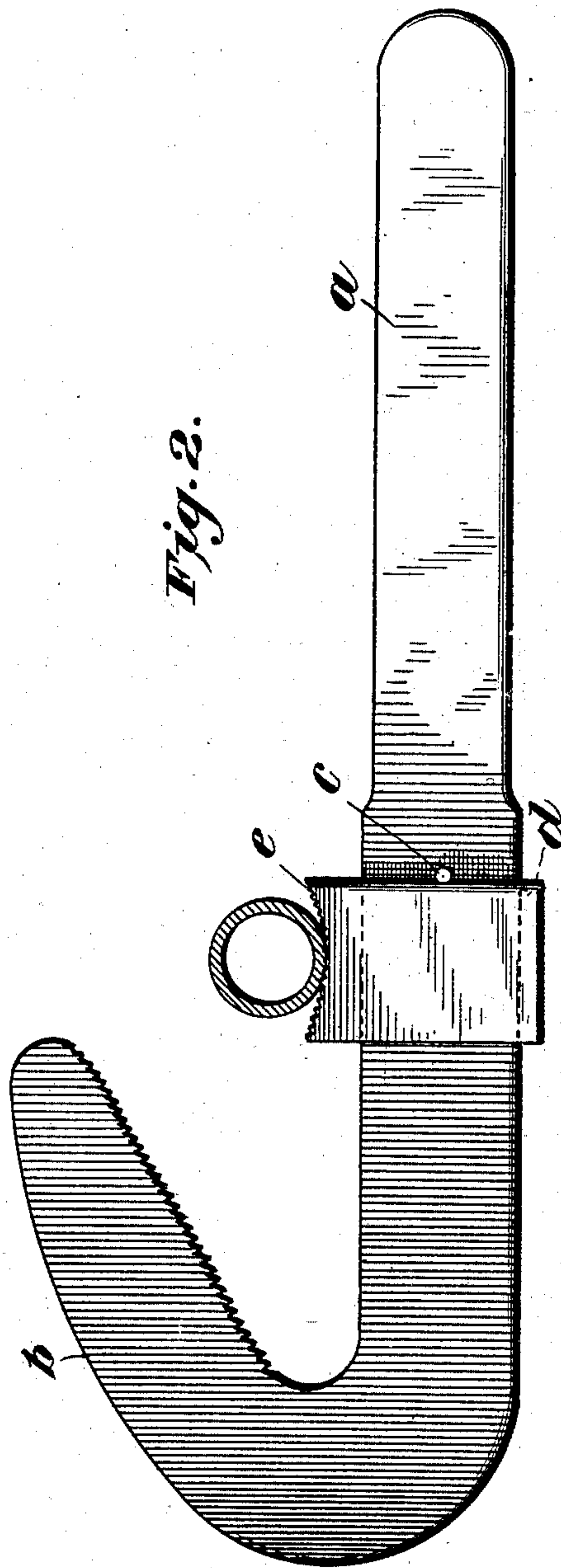
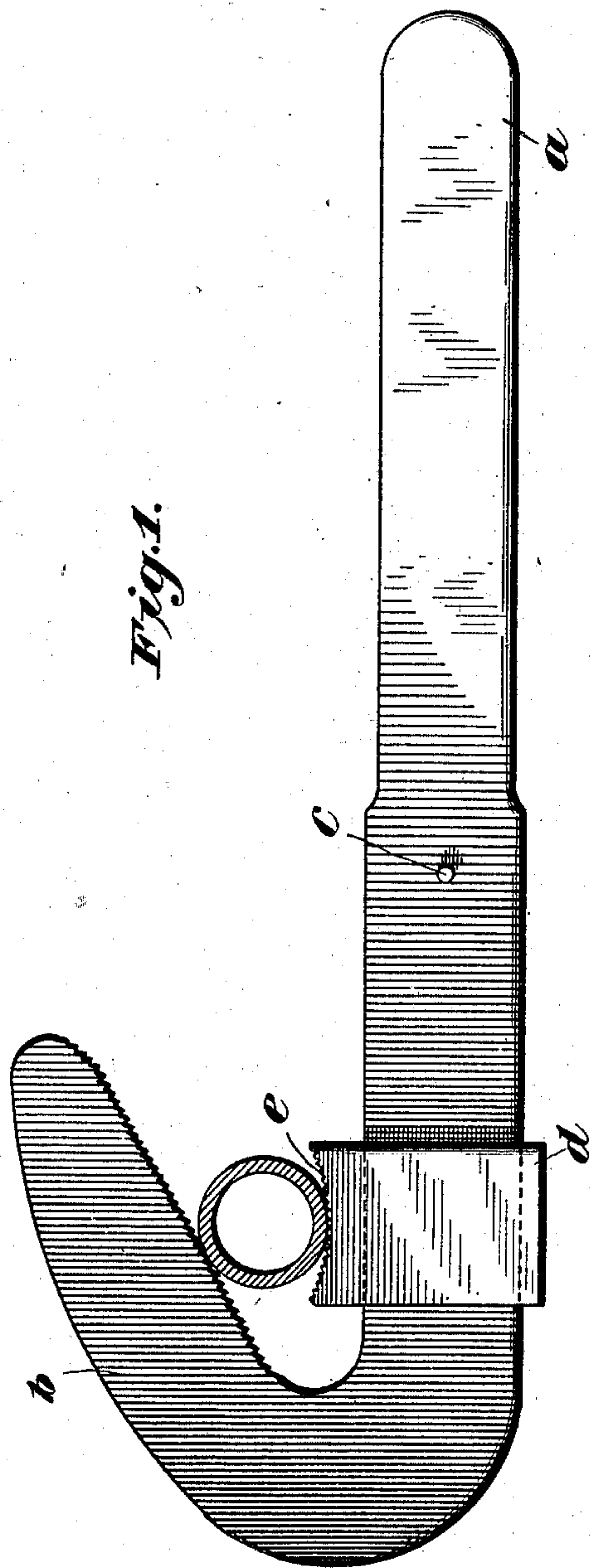
No. 719,960.

PATENTED FEB. 3, 1903.

S. STUCKY.  
PIPE WRENCH.

APPLICATION FILED DEC. 27, 1901. RENEWED DEC. 16, 1902.

NO MODEL.



Witnesses:

*Elmer Seavey*  
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# UNITED STATES PATENT OFFICE.

STEPHEN STUCKY, OF OXFORD, ALABAMA, ASSIGNOR OF ONE-HALF TO  
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## PIPE-WRENCH.

SPECIFICATION forming part of Letters Patent No. 719,960, dated February 3, 1903.

Application filed December 27, 1901. Renewed December 15, 1902. Serial No. 135,327. (No model.)

*To all whom it may concern:*

Be it known that I, STEPHEN STUCKY, a citizen of the United States of America, residing at Oxford, in the county of Calhoun and State of Alabama, have invented certain new and useful Improvements in Pipe-Wrenches, of which the following is a specification, reference being had to the accompanying drawings, in which—

Figure 1 is a side elevation showing the wrench applied to a pipe ready for or in the act of turning the pipe, and Fig. 2 a similar view showing the wrench in the act of being applied to a pipe preparatory to turning the same.

The object of this invention is to produce a pipe-wrench which shall combine in its construction the desirable qualities of durability, simplicity, and great strength; and it consists of certain novel features of construction hereinafter described and claimed.

Referring to the drawings by letter, *a* designates the handle or lever, and *b* the stationary jaw, which is formed integral with the forward end of the handle-bar and is turned backward and upward at a desirable acute angle with reference to the upper edge of the handle-bar and whose lower or inner edge is transversely serrated. Slidably mounted on the handle-bar between a stop *c* and the hook *b* is the movable jaw *d*, which consists of a closed loop entirely embracing the handle-bar and provided in its upper face with a concaved depression *e*, which is also transversely serrated.

To apply the wrench to a pipe, it is simply necessary to adjust it so that the pipe lies in the concaved depression in the sliding jaw and then draw the handle end of the lever in a direction away from the pipe, thereby sliding the movable jaw toward the stationary jaw and bringing the pipe into contact with the serrations of the latter. In this way the pipe will be securely grasped between the serrated faces of the two jaws, the stronger the pull on the handle-bar the greater being the clamping action upon the pipe, rendering it practically impossible that the pipe should slip while being turned.

It will be observed that an essential feature of the invention lies in employing a permanent jaw of a hook-like form bent back over the handle-bar, so that its serrations or grip-

ping-face will lie in line with and just over the gripping-teeth of the movable jaw, whereby the pipe may be clamped by merely drawing the handle endwisely a sufficient distance to carry the pipe against the stationary jaw. It will also be observed that an essential feature lies in concaving the serrated face of the slidable jaw, so that the device may be applied to a pipe and clamped thereto by simply adjusting it, so that the pipe shall lie in the concaved gripping-cavity, and pulling on the handle-bar endwisely a short distance. It will be observed also that my improved wrench is extremely simple and inexpensive and durable and strong, as it consists of but two simply and easily constructed parts without screws or ratchets or other adjusting devices to wear and get out of order, and it will be observed, further, that with my wrench the pipe or round rod may be gripped with great ease and released with equal ease.

It will be observed that the handle-bar is straight from the stop-pin to where it connects with the permanent jaw, which insures an easy movement of the slidable jaw in applying and in loosening the wrench. This is a desirable feature in view of the fact that the wrench is so constructed that during the act of turning it while on the pipe it is caused to grip the pipe with great force.

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

A wrench for pipes, &c., consisting of a handle provided at one end with a permanent jaw inclined backward at an acute angle over the adjacent part of the handle, said handle being provided with a stop device near the permanent jaw, the portion of the handle between said stop device and said permanent jaw being smooth and straight, and a freely-sliding jaw mounted on the straight part of the handle between the permanent jaw and the stop device and provided with a concave serrated recess in its gripping-face.

In testimony whereof I hereunto affix my signature, in the presence of two witnesses, this 21st day of December, 1901.

STEPHEN STUCKY.

Witnesses:

W. U. CARRÉ,  
R. F. SMITH.