

No. 796,594.

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P. MUELLER.
APPLIANCE FOR CALKING PIPE JOINTS.
APPLICATION FILED NOV. 21, 1904.

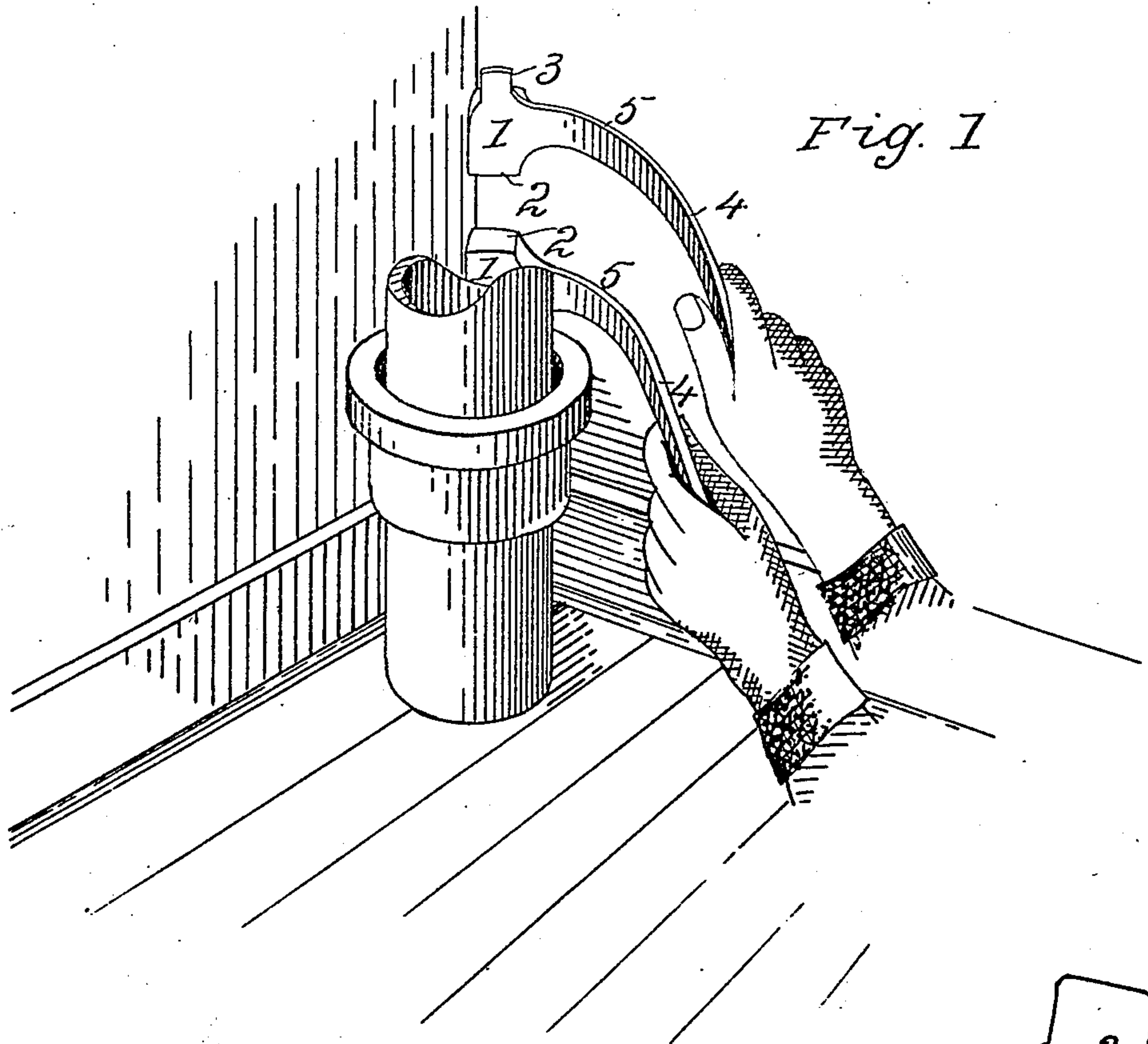


Fig. 1

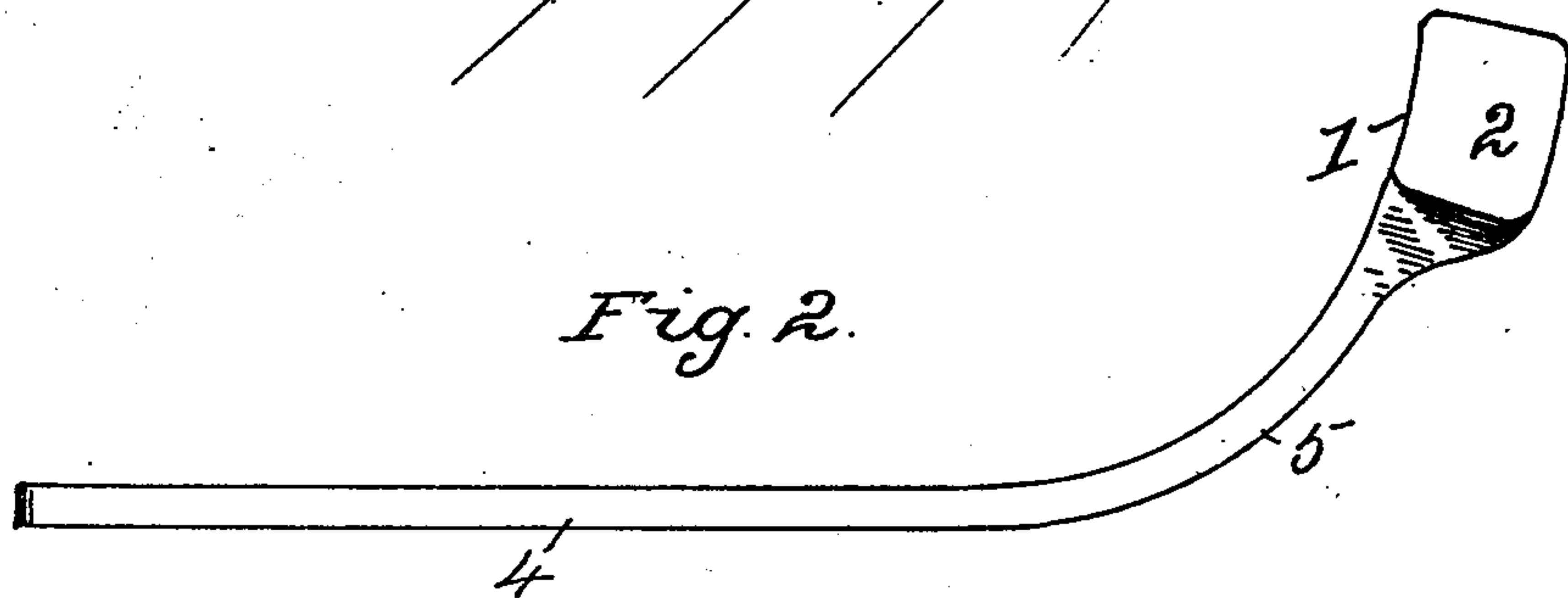


Fig. 2.

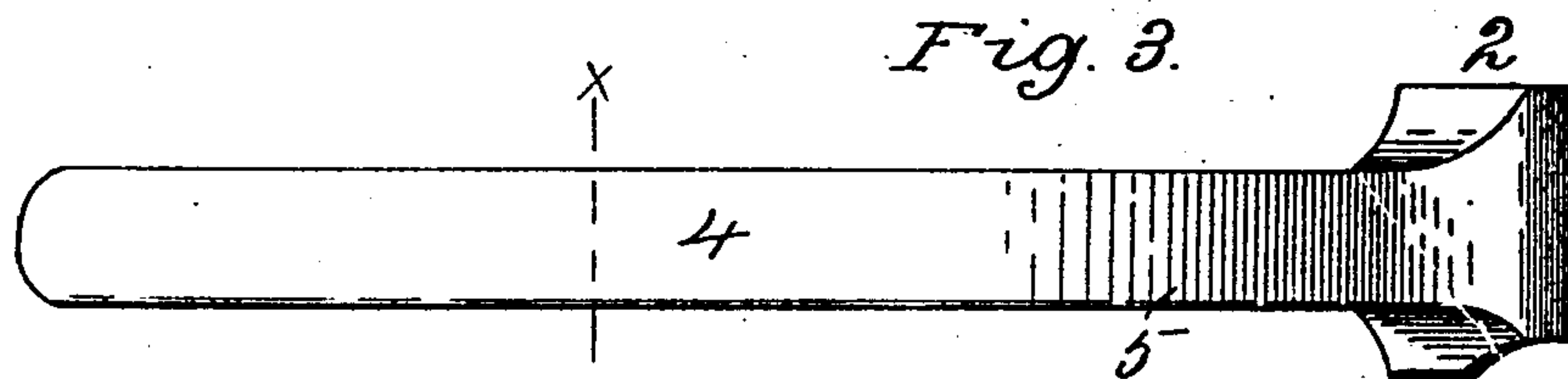


Fig. 3.

Witnesses.
Ina Graham.
Nora Graham.

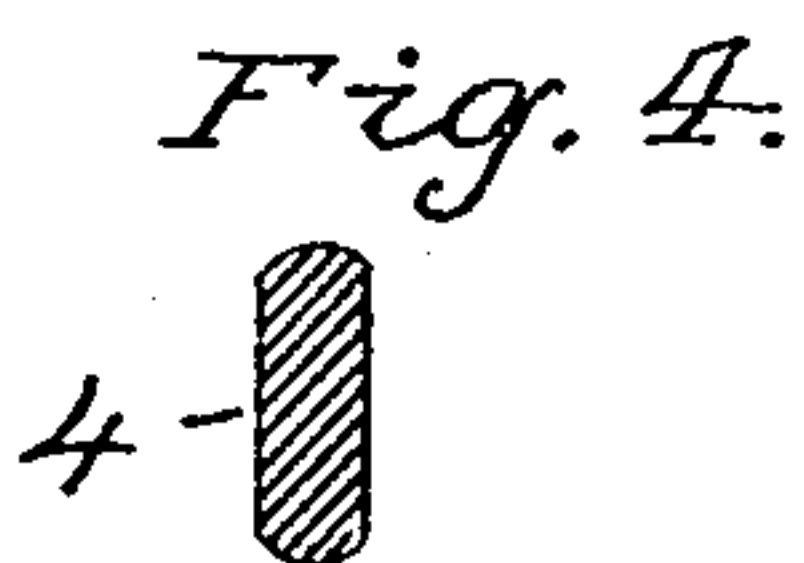


Fig. 4.

Inventor.
Philip Mueller.
by L. P. Graham
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UNITED STATES PATENT OFFICE.

PHILIP MUELLER, OF DECATUR, ILLINOIS, ASSIGNOR TO H. MUELLER MANUFACTURING COMPANY, OF DECATUR, ILLINOIS, A CORPORATION OF ILLINOIS.

APPLIANCE FOR CALKING PIPE-JOINTS.

No. 796,594.

Specification of Letters Patent.

Patented Aug. 8, 1905.

Application filed November 21, 1904. Serial No. 233,779.

To all whom it may concern:

Be it known that I, PHILIP MUELLER, of the city of Decatur, county of Macon, and State of Illinois, have invented a certain new and useful Appliance for Calking Pipe-Joints, of which the following is a specification.

It is the object of my invention to provide simple and effective means for yarning and calking joints of pipe that are inconveniently accessible on account of their location; and the invention is particularly applicable to pipes located in corners, recesses, or angles of walls.

The broad idea of means resides in a pair of right and left combined hammer and calking tools, each of which has a handle curved sidewise to reach partly around a pipe, and specific details of the invention are exemplified in the construction of the tools. The mode of operation is to use one tool as a calker and the other as a hammer on one side of the pipe and to reverse the respective use of the tools on the other side of the pipe. The result attained by use of the invention is to give ready calking access to parts of a pipe-joint that would otherwise be inaccessible or at least very difficult of access.

In the drawings forming part of this specification, Figure 1 is a perspective representation of my improved calking appliance, the mode of operation and conditions under which it is intended to operate being illustrated in the figure. Fig. 2 is a plan of one of the tools. Fig. 3 is a side elevation of one of the tools. Fig. 4 is a cross-section on line X in Fig. 3.

The head 1 of each tool comprises a hammer end 2 and a calking end 3, the latter being thinned and shaped to enter pipe-joints. Each tool is provided with a handle, as 4, which extends from a side of the head and is curved next the head to form approximately an arc of a circle, as shown at 5. The curve of the handle of one tool is the reverse of the curve of the handle of the other tool, and when both tools are extended around a pipe, as shown in Fig. 1 of the drawings, the calking end of one tool will extend upward, while the calking end of the other tool will extend downward. This construction enables one tool to be used

as a calker while the other is used as a hammer, permits the reversal of this arrangement when the tools are shifted from one side of the pipe to the other, and makes each tool the mechanical complement of the other.

The handles extend from the heads in planes at approximately right angles with the axes of the heads, and in consequence thereof the bends in the handles tend around the heads and not lengthwise of the axes of the heads. In other words, the handles extend sidewise from the heads, and the curves in the handles are sidewise with relation to the heads.

In the drawings the heads are shown integral with the handles and the handles are flush with the inner surfaces of the heads; but this condition is not essential. Neither is it essential that the hammer end or the calking end of a tool be shaped just as shown, as some variation in form may be made without departing from the principle of the invention.

A pair of yarning-tools may be made in substantially the same way as the calking-tools by simply elongating the calking ends shown; but as yarning is intimately associated with calking and is well understood by those skilled in calking pipes it is not thought necessary to show the yarning-tools or explain their construction in detail.

I claim—

1. A tool for calking pipe-joints, comprising a head having a calking-tool on one end and a hammer on the other end presented in a direction opposed to that of the calking-tool, and a handle extended sidewise from the head and deflected sidewise, substantially as described.

2. A calking-tool for pipe-joints comprising a calking-head and a handle extended sidewise from a side of the head and deflected sidewise, substantially as described.

In testimony whereof I sign my name in the presence of two subscribing witnesses.

PHILIP MUELLER.

Witnesses:

JOHN L. WADDELL,
ADOLPH MUELLER.