

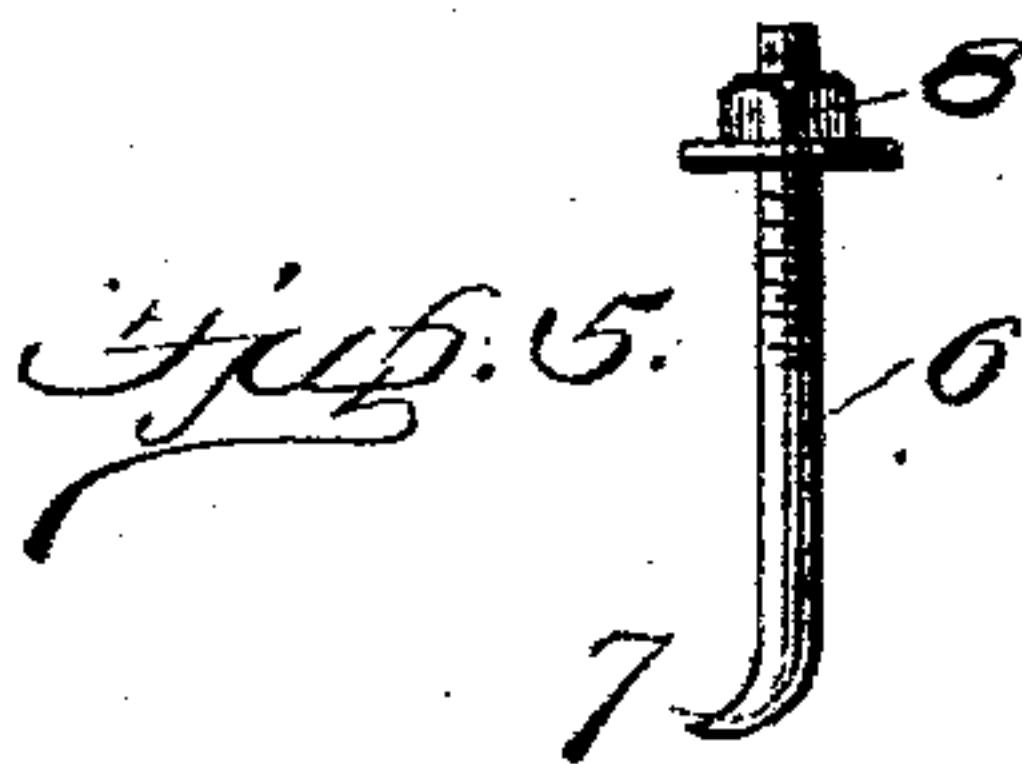
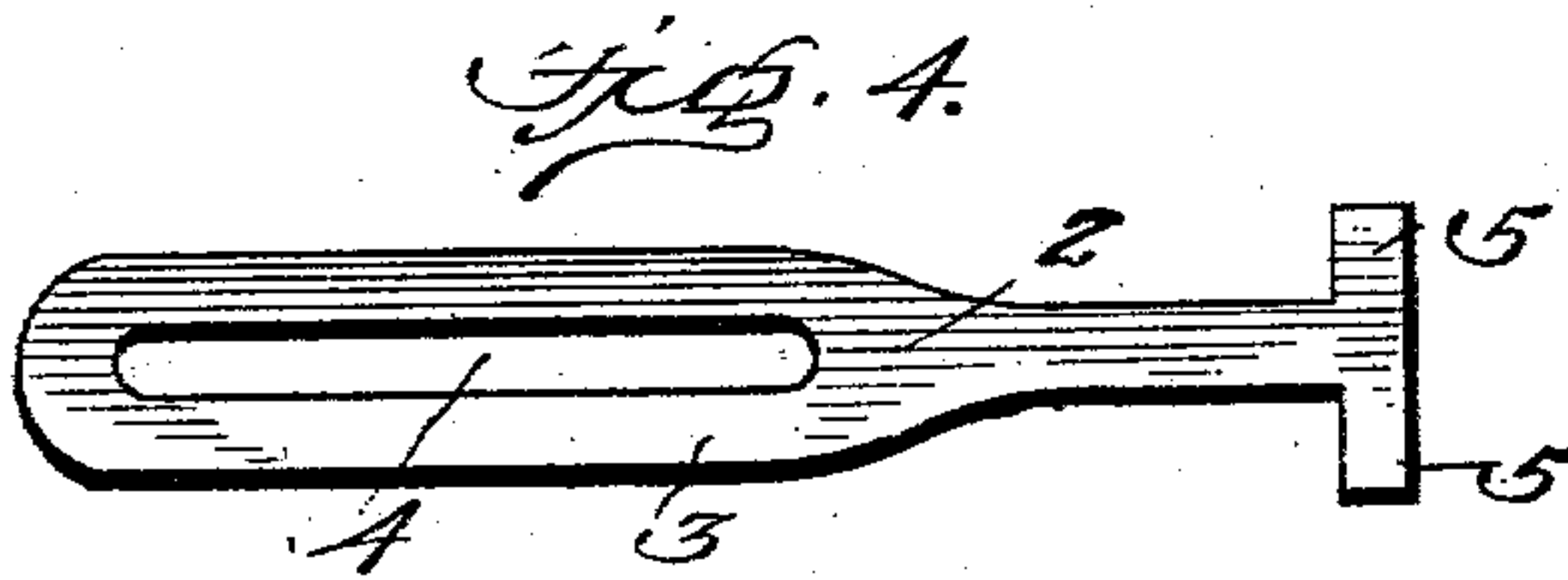
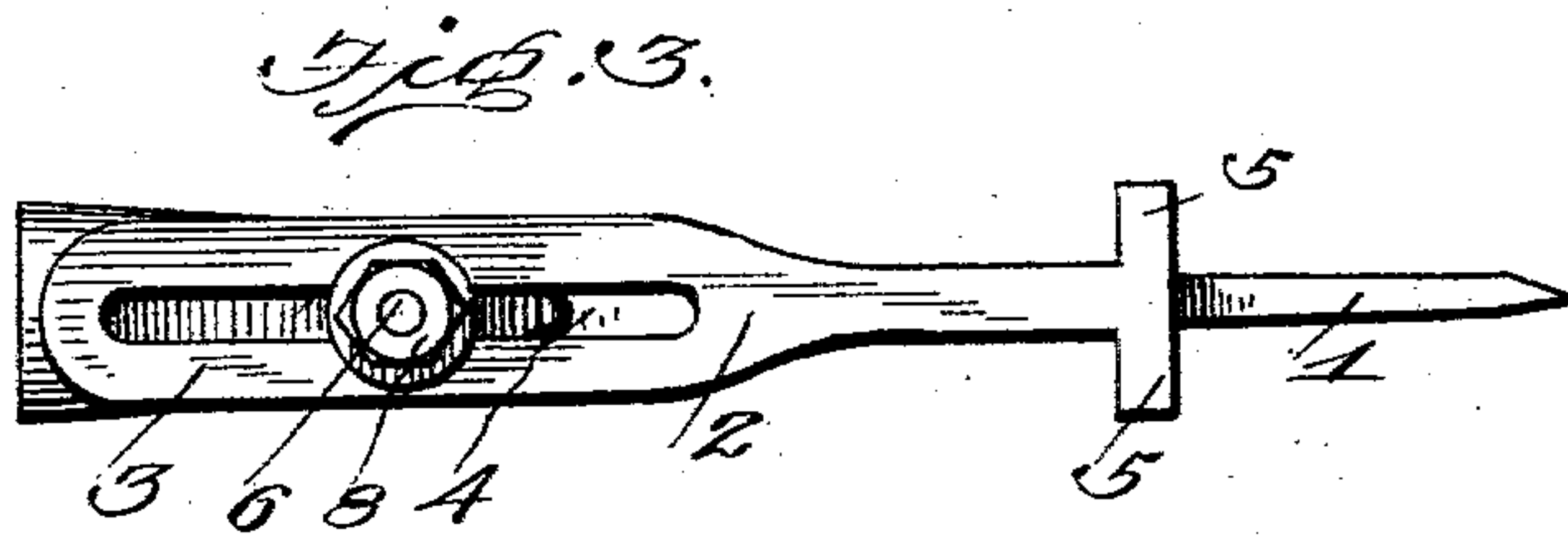
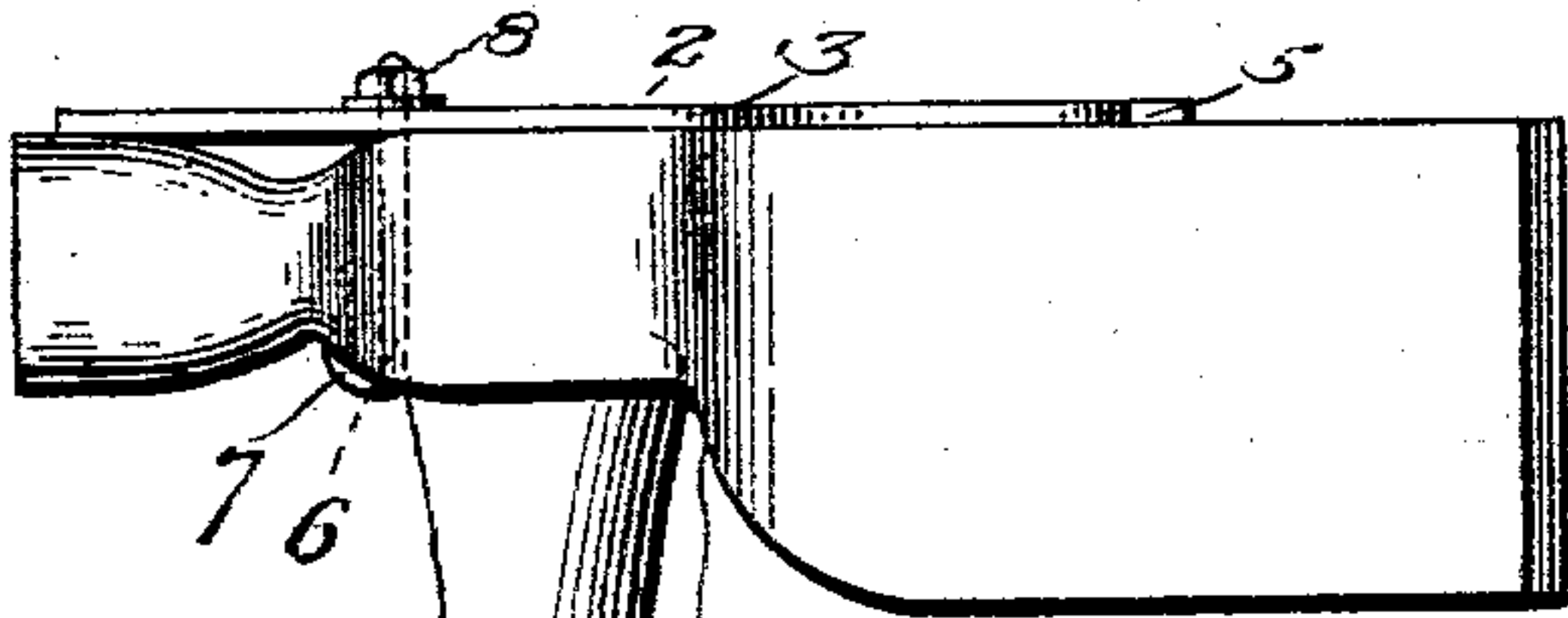
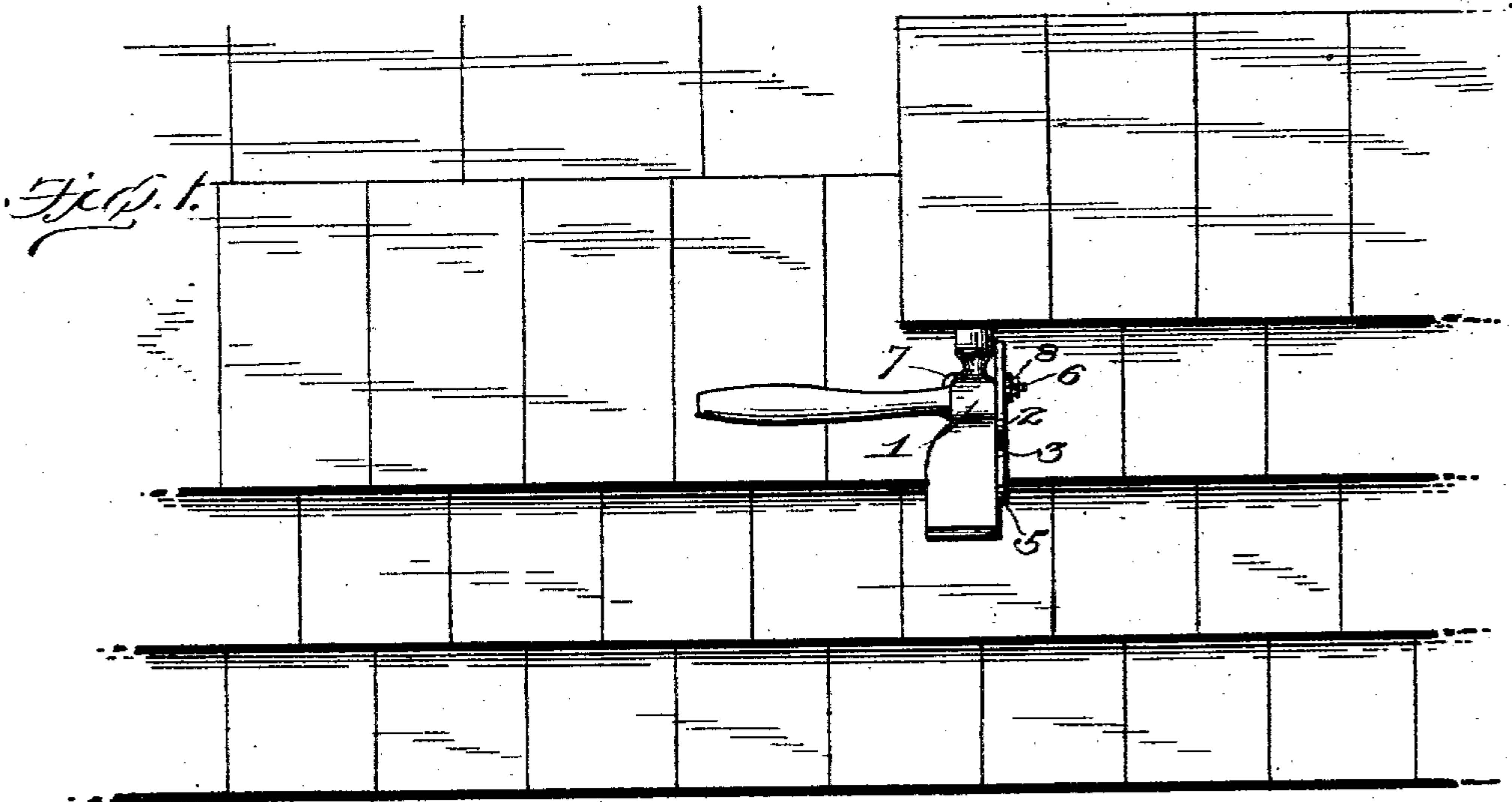
No. 704,837.

Patented July 15, 1902.

M. M. KELLOGG.
SHINGLE GAGE FOR HATCHETS.

(Application filed Mar. 27, 1902.)

(No Model.)



Witnesses

E. D. Hunt,
J. P. Wilson

Inventor

Miles M. Kellogg

By

A. B. Wilson & Co.

Attorneys

UNITED STATES PATENT OFFICE.

MILES M. KELLOGG, OF BOULDER, COLORADO.

SHINGLE-GAGE FOR HATCHETS.

SPECIFICATION forming part of Letters Patent No. 704,837, dated July 15, 1902.

Application filed March 27, 1902. Serial No. 100,279. (No model.)

To all whom it may concern:

Be it known that I, MILES M. KELLOGG, a citizen of the United States, residing at Boulder, in the county of Boulder and State of Colorado, have invented certain new and useful Improvements in Shingle-Gages for Hatchets; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

The invention relates to shingle-gages for hatchets.

The object of the invention is to provide a gage of this character which may be easily and quickly attached to a shingling-hatchet and by means of which shingles may be easily, quickly, and accurately laid without drawing gage-lines after the lines for the first course have been drawn.

With this and other objects in view the invention consists of certain novel features of construction, combination, and arrangement of parts, which will be hereinafter more fully described, and particularly pointed out in the appended claims.

In the accompanying drawings, Figure 1 is a fragmentary view of a roof, illustrating the application of the invention. Fig. 2 is an enlarged view of the shingle-hatchet, showing the invention applied. Fig. 3 is a top plan view of the hatchet. Fig. 4 is a similar view of the gage, and Fig. 5 is a side elevation of the gage-bolt.

Referring to the drawings, 1 denotes a straight-faced hatchet, and 2 the gage. The gage comprises a flat plate 3, which is broadened at one end or that portion which lies against the eye of the hatchet and is provided with a longitudinal slot 4 and has at the other end laterally-projecting gage arms or studs 5, which project laterally beyond the surface of the hatchet-blade for a purpose hereinafter to appear.

6 denotes a bolt which is confined between the inner wall of the eye of the hatchet and the handle thereof and is provided at one end with a hook 7 to prevent its accidental withdrawal from the eye of said hatchet and is provided at its opposite end, which projects beyond the eye in the hatchet and through the longitudinal slot 4 of the plate, with screw-threads to receive a clamping-nut 8, which binds the gage to the outer edge of the hatchet.

In use, after the first course of shingles has

been laid, the hatchet is placed flat upon the roof, with one of the gage-arms 5 against the lower end of said shingle. The next row of shingles is laid upon the roof, so that their lower ends abut against the head of the hatchet, thus leaving exposed or uncovered that portion of the lower edge of the shingle known as the "gage." The length of the gage or uncovered portion of the shingle may be varied by adjusting the plate by means of the bolt and nut.

The device is exceedingly simple, may be attached to the ordinary shingle-hatchet, and by reason of the fact that the gage-arms project on opposite sides of the hatchet it may be used with either the right or left hand.

From the foregoing description, taken in connection with the accompanying drawings, the construction, mode of operation, and advantages of the invention will be readily understood without requiring an extended explanation.

Various changes in the form, proportion, and details of construction may be made within the scope of the invention without departing from the spirit or sacrificing any of the advantages of the invention.

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

1. The combination with a hatchet, of a bolt inserted in the eye of the hatchet, said bolt being provided at one end with a hook to engage the wall of the eye and screw-threaded at its outer end, a longitudinally-slotted gage-plate arranged upon the outer edge of the hatchet, said bolt projecting through said slot, a nut for clamping said plate in position, said plate being provided with arms projecting laterally in opposite directions beyond the plane of the hatchet-blade, substantially as set forth.

2. A gage for hatchets comprising a longitudinally-slotted gage-plate having at one end laterally-projecting arms, and a bolt having a hook at one end and a nut at the other, substantially as set forth.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

MILES M. KELLOGG.

Witnesses:

H. E. ROWLAND,
J. W. CUMMINGS.