

No. 622,362.

Patented Apr. 4, 1899.

F. HORNQVIST.

SAW HANDLE.

(Application filed Sept. 24, 1898.)

(No Model.)

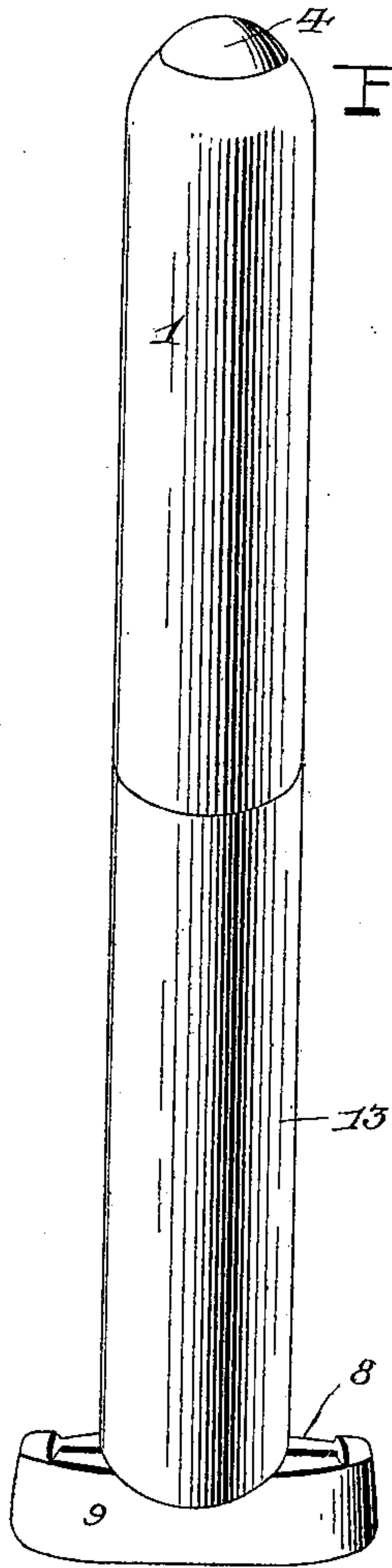


FIG. 1

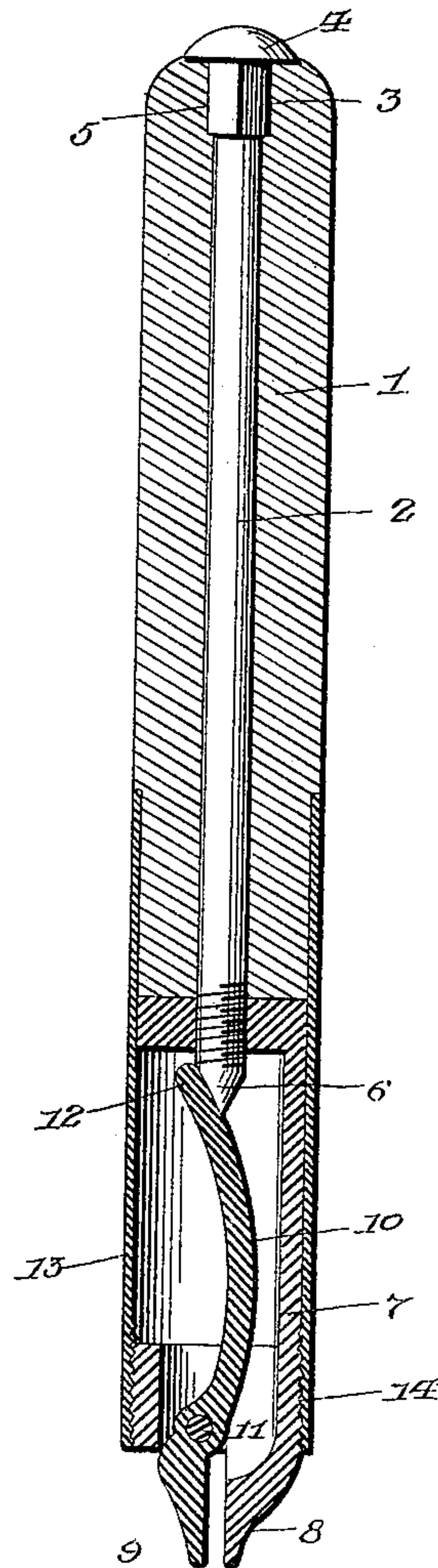


FIG. 2

Witnesses

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FRANK HORNQVIST, OF MOUNT JEWETT, PENNSYLVANIA.

SAW-HANDLE.

SPECIFICATION forming part of Letters Patent No. 622,362, dated April 4, 1899.

Application filed September 24, 1898. Serial No. 691,814. (No model.)

To all whom it may concern:

Be it known that I, FRANK HORNQVIST, a citizen of the United States, residing at Mount Jewett, in the county of McKean and State of Pennsylvania, have invented certain new and useful Improvements in Saw-Handles; 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.

My invention relates to that class of detachable handles used on crosscut-saws; and the object is to provide a simple, strong, and effective device of this character.

To this end the invention consists in certain features of construction and combination of parts, which will be hereinafter more fully described and claimed.

In the accompanying drawings the same reference characters indicate the same parts of the invention.

In said drawings, Figure 1 is a perspective view of my improved saw-handle. Fig. 2 is a longitudinal section of the same.

1 denotes the tubular handle, through which the bolt 2 extends, the square shank 3 of the bolt immediately under its ear 4 being square to engage a corresponding recess 5 in the handle, so that the bolt and handle will turn together. The inner end of said bolt is threaded for a short distance back of its conical point 6.

7 denotes a tubular shank having its inner end axially threaded to receive the threaded end of the bolt, and its outer end terminates in a transverse jaw 8.

9 denotes a parallel movable jaw fulcrumed on the transverse rivet 11 in the forward end of said shank just back of the jaw 8, and 10 represents the rearwardly-extending arm of said jaw 9, its inner end 12 being turned diagonally outward to extend into the path of the conical point 6.

13 represents an elongated ferrule or sleeve encompassing the inner end of the handle 1 and extending forwardly and encompassing the shank 7, the outer end of said sleeve being internally threaded to engage the externally-threaded portion 14 of the shank.

The parallel jaws 8 and 9 are first adjusted to the saw and the handle 1 rotated to the right. The shank is drawn forward, so as to force the end 12 of the movable jaw-arm 10 against the conical end of the screw, and thereby clamp the blade between the jaws.

The accompanying drawings show my invention in the best form now known to me; but many changes in the details might be made within the skill of a good mechanic without departing from the spirit of the invention as set forth in the claim at the end of this specification.

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

In combination, the handle 1, the threaded bolt 2 fixed therein and terminating in the conical point 6, the tubular shank 7 having its inner end threaded to receive said bolt, its outer end formed with a transverse integral jaw 8, and formed with the externally-threaded portion 14, the movable jaw 9 fulcrumed in said shank and formed with the diagonal free end 12, extending into the path of said conical point, and the sleeve 13 encompassing said handle and shank and internally threaded at its outer end to engage the threaded portion 14 of said shank, substantially as shown and described.

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

FRANK HORNQVIST.

Witnesses:

PETER HANSON,
ED. PAULSSON.