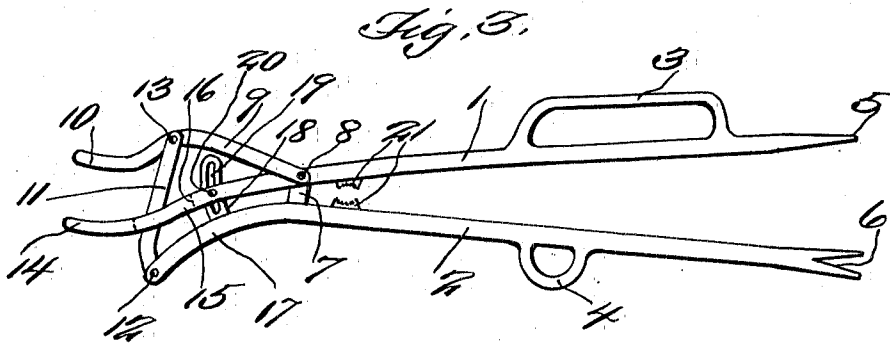
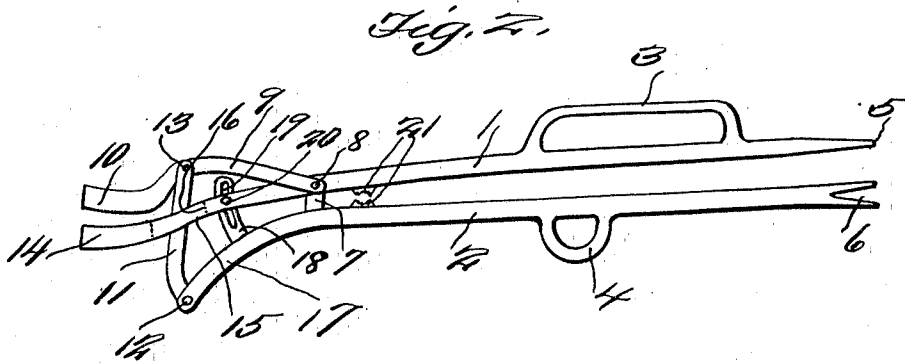
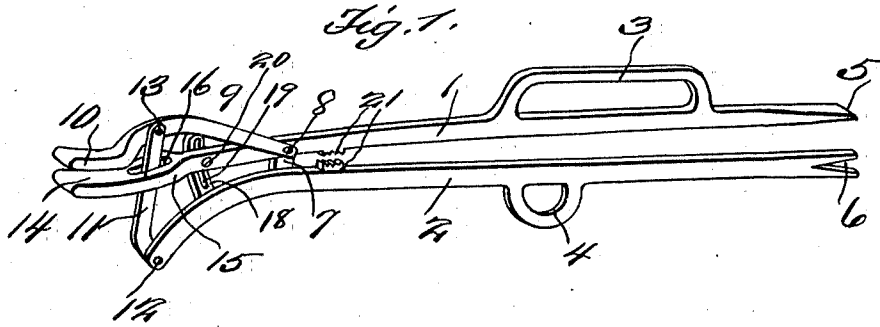


P. HAWKINS.
COMBINATION TOOL.
APPLICATION FILED JULY 8, 1911.

1,059,462.

Patented Apr. 22, 1913.



Witnesses

Francis L. Boswell.
Robert

Inventor

Peter Hawkins,

By D. Swift & Co.

Attorney

UNITED STATES PATENT OFFICE.

PETER HAWKINS, OF KOKOMO, INDIANA.

COMBINATION-TOOL.

1,059,462.

Specification of Letters Patent.

Patented Apr. 22, 1913.

Application filed July 8, 1911. Serial No. 637,557.

To all whom it may concern:

Be it known that I, PETER HAWKINS, a citizen of the United States, residing at Kokomo, in the county of Howard and State of Indiana, have invented a new and useful Combination-Tool; and I do hereby 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.

This invention relates to a new and useful pair of pliers, the end of each handle of which terminates into a tool, such as a screw driver and tack puller.

The main object of the invention, is to provide a novel tool, for handling iron slabs and the like. This tool may be constructed in such a manner, that the same may be adapted for use as a pruner, for pruning trees and the like.

The invention comprises further features and combination of parts as hereinafter set forth, shown in the drawings and claimed.

In the drawings:—Figure 1 is a view of the tool, the same being constructed in the form of pliers for handling iron slabs and the like. Fig. 2 is a similar view of a tool, showing the same constructed as a pruning device. Fig. 3 is a view in elevation of the form of tool shown in Fig. 1, showing the parts of the tool arranged in different positions.

Referring to the drawings 1 and 2 designate the handles of the tool. The handle 1 is provided with a strap member 3 for the reception of the forefinger of one's hand, while the handle 2 is supplied with a strap 4 for receiving the thumb of the hand. The rear end of the handle 1 terminates in a screw driving device 5, while the rear end of the other handle is provided with a tack puller 6.

Adjacent the forward portion of the handle 2 a lateral projection 7 is provided, to which the handle member 1 is pivoted, as at 8. Also fulcrumed at the point 8 is a lever 9, which terminates in a jaw 10, as shown in Fig. 1. A link 11 is connected between the lever 9 and the forward extremity of the handle member 2, at the points indicated by the characters 12 and 13. The forward portion of the handle member

1, beyond the pivot 8 is formed as a jaw 14, to cooperate with the jaw 10, for handling iron slabs and the like. The portion 15 between the jaw 14 and the pivot point 8 is provided with a slot 16, through which the link 11 extends, thus affording guiding means for the link. Extending laterally from the forward portion 17 of the jaw 2, and between the projection 7 and the pivot point 12 is a lug 18, which is provided with a slot 19, in which a headed pin 20 of the forward portion of the handle member 1 moves. This connection constitutes additional means for guiding the several connections between the handle members, when being moved relatively with regard to one another.

If desired the jaws 10 and 14 may be constructed as knives, as shown in Fig. 2, so that the tool may be used as a pruner.

On examining the drawings it will be apparent, that, when the handle members are brought together, the jaws 10 and 14 will in turn be brought together, by virtue of the connections between the handle members.

From the foregoing it will be further noted that, there has been produced a novel, simple, and efficient device, which may act as pliers or a pruner, and one which has been found to be practical.

The handle members 1 and 2, adjacent the extension 7 are provided with toothed projections 21, between which a pipe or the like may be gripped. By this feature the device may be used as a pipe wrench.

The invention having been set forth, what is claimed as new and useful is:—

In combination, a pair of handle members, one being provided with a projection fulcrumed to the other, one of the members beyond the fulcrum terminating in a jaw, a lever pivoted on the fulcrum and terminating at its free end in a jaw to cooperate with the first jaw, the first jaw having a slot therein, a link connecting the lever and the extremity of the handle member having the projection and passing through the slot of the first jaw, one of said handle members having an integral lug located substantially midway between the projection and the link, said lug having a

slot concentric with the pivot of said handle members, a pin passing through said concentric slot and the first jaw, said concentric slot and said pin constituting means in addition to the link for guiding said handle members.

In testimony whereof I have signed my

name to this specification in the presence of two subscribing witnesses.

PETER HAWKINS.

Witnesses:

BENJ. F. MILLS,

H. B. RESBER.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."
