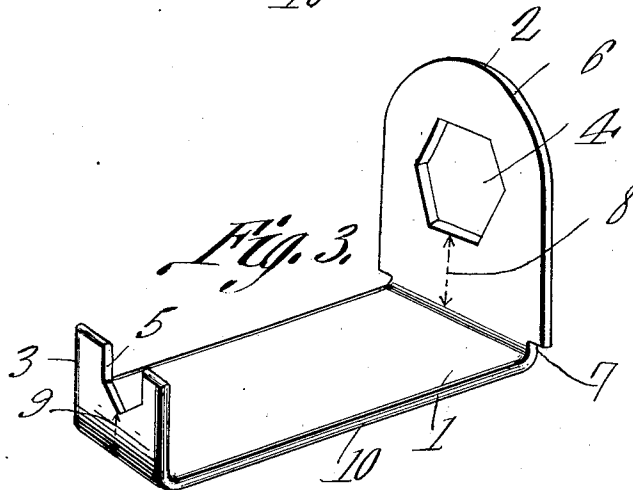
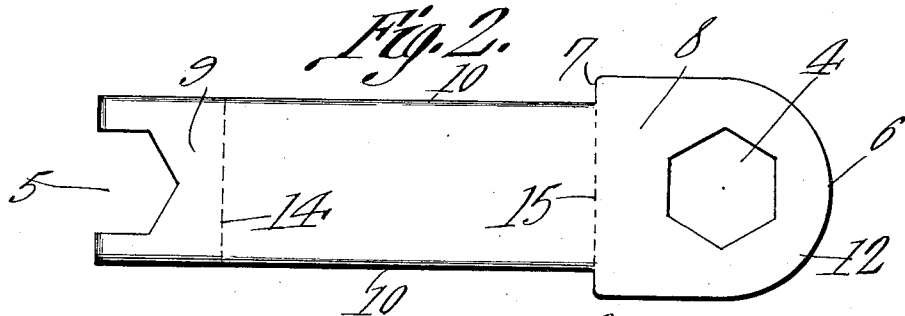
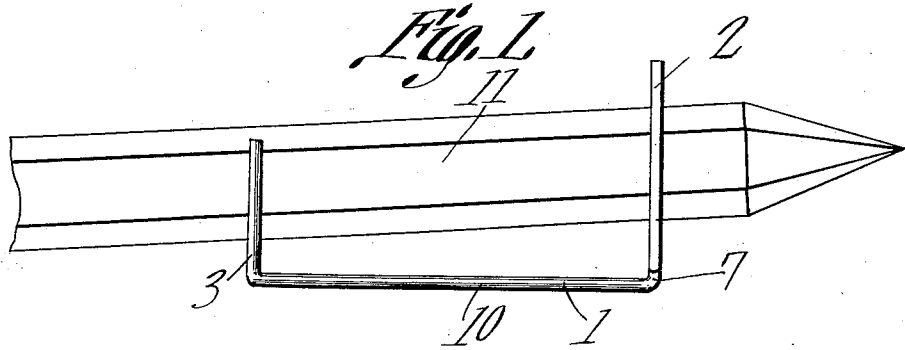


W. STEEN.
CHISEL HOLDER.

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1,024,039.

Patented Apr. 23, 1912.



Witnesses

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WILLIAM STEEN, OF UHRICHSVILLE, OHIO.

CHISEL-HOLDER.

1,024,039.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, WILLIAM STEEN, a citizen of the United States, residing at Uhrichsville, in the county of Tuscarawas and State of Ohio, have invented a new and useful Chisel-Holder, of which the following is a specification.

The device forming the subject matter of this application, is a holder, adapted to receive a reciprocating chisel or other tool, such as commonly used in connection with a pneumatic hand engine.

The invention aims to provide a tool holder of this sort, which may be manufactured at trifling cost, which will contain no complicated parts likely to get out of order, and which will be well adapted to withstand the rough usage to which devices of this character are commonly subjected.

A further object of the invention is to provide a holder for a reciprocating tool, which holder will protect the hand of the operator, should the tool break.

A further object of the invention is to provide a holder which will protect the hand of the user from the heat generated by the reciprocating tool.

With the foregoing and other objects in view which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiment of invention herein disclosed can be made within the scope of what is claimed without departing from the spirit of the invention.

In the accompanying drawings, Figure 1 shows the holder in side elevation, with a tool mounted therein; Fig. 2 is a plan of the blank from which the holder is formed; and Fig. 3 is a perspective of the holder.

The holder herein disclosed is preferably fashioned from metal, and is ordinarily formed in one piece. The holder preferably embodies a straight, flat body 1, from one end of which upstands a flange 2, the flange 2 being disposed at right angles to the body 1. From the other end of the body 1, upstands a lip 3, the lip 3 being disposed at right angles to the body 1, and parallel to the flange 2.

Located entirely within the contour of the flange 2, is an opening 4, into which the operative end of the tool extends. This opening 4 will be fashioned in accordance with

the cross section of the tool with which the device is to be used. In the outer edge of the lip 3 there is a notch 5. The notch 5, like the opening 4 in the flange 2, will, of course, be fashioned to conform to the shape of the tool with which the holder is used. The outer end of the flange 2 is preferably curvilinear in outline, as shown at 6, and the flange is, as shown at 7, somewhat wider than the body 1. The distance from the body 1 to the opening 4 in the flange 2 is as shown at 8, somewhat greater than the distance from the body 1 to the base of the notch 5 in the lip 3, the dimension last referred to being indicated at 9. The body 1 is rounded on its outer face, and at its edges, as shown at 10, to receive the hand of the operator.

In practical operation, the operative end of the tool 11 is thrust through the opening 4 in the flange 2, the rear portion of the tool resting in the notch 5 of the lip 3. When the tool 11 is disposed in the manner hereinbefore described, it will be seen that the tool may be guided and directed, manually, without endangering the hand of the operator, through a breaking of the tool. Moreover, the device serves to protect the hand of the operator from the heat generated by the tool, when the same is in operation.

The holder may readily be altered to fit tools of different cross sections, and may be used upon all standard makes of pneumatic and steam driven tools.

Owing to the fact that, as indicated at 8, the distance from the body 1 to the edge of the opening 4, is greater than the distance indicated at 9, between the body 1 and the base of the notch 5, the tool 11 will be disposed at an acute angle with respect to the body 1.

Referring to Fig. 2, it will be seen that the device may be fashioned from a single blank of material, having an enlarged head 12 at one end, in which the opening 4 is located, the blank having the notch 5 in its opposite end; the blank being adapted to be bent along a line 14 to form the lip 3, and to be bent along a line 15, alined with the inner edge of the head 12, thereby to form the flange 2.

Because the tool 11 stands, in operation, at an acute angle with respect to the body 1, the hand of the operator will remain in a more natural position than would be possible if the tool 11 operated parallel to the

body 1. The construction of the device, therefore, is such that the tool may be manipulated without twisting and straining the wrist of the operator.

5 Having thus described the invention, what is claimed is:—

1. A device of the class described, comprising a body provided with an outstanding flange and with an outstanding lip,
10 there being an opening in the flange, located entirely within the contour of the same, and a notch in one edge of the lip.

2. A device of the class described comprising a body rounded transversely, and
15 provided at one end with a lip, and at the other end with a flange, the lip and the flange standing substantially at right angles to the plane of the body; there being an opening in the flange, located entirely within
20 in the contour of the same, and a notch in the outer edge of the lip.

3. A device of the class described comprising a body provided at one end with a rectangularly disposed flange, and at the other end with a rectangularly disposed lip; 25 there being an opening in the flange, located entirely within the contour of the flange, and a notch in the outer edge of the lip; the distance between the body and the opening being greater than the distance between 30 the body and the base of the notch, thereby to dispose at an angle to the body, a tool which the opening and the notch are adapted to receive for reciprocation.

In testimony that I claim the foregoing 35 as my own, I have hereto affixed my signature in the presence of two witnesses.

WILLIAM STEEN.

Witnesses:

H. P. COPELAND,

RAY H. DAUGHERTY.

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