

F. S. MORRIS.
TOOL SUPPORT.
APPLICATION FILED JAN. 5, 1911.

1,018,258.

Patented Feb. 20, 1912.

Fig. 1.

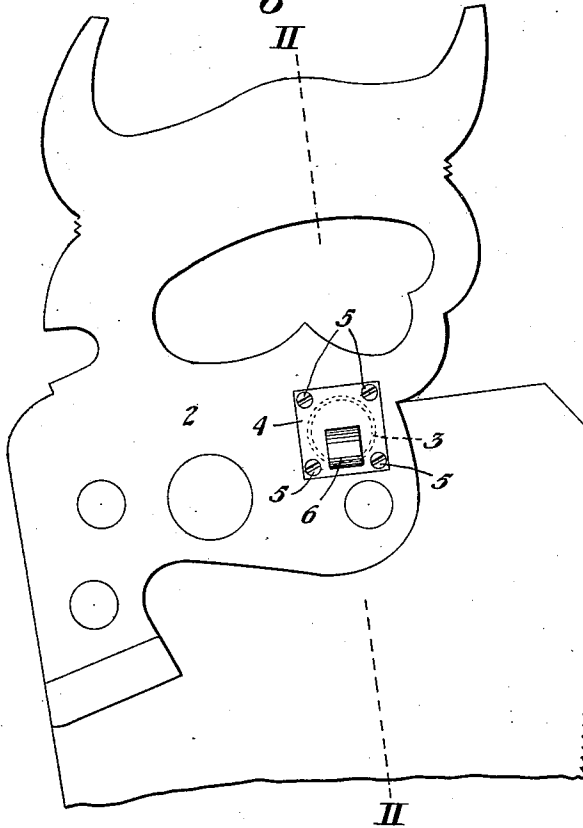


Fig. 2.

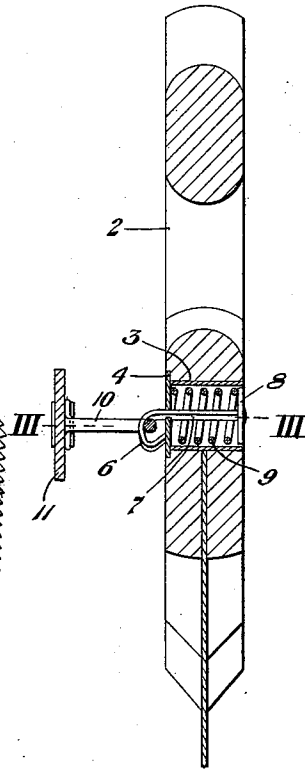


Fig. 3.

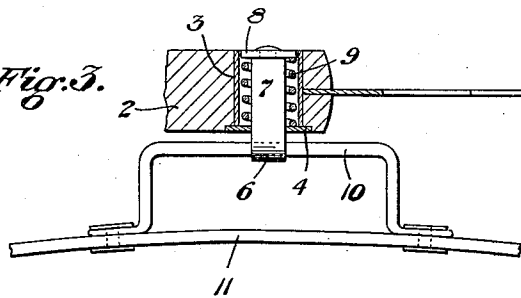
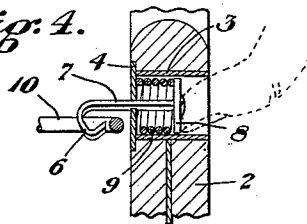


Fig. 4.



Witnesses:

Chas. S. Spley.
Henry Soud.

Inventor:

Francis S. Morris
by C. M. Clarke
his Attorney

UNITED STATES PATENT OFFICE.

FRANCIS S. MORRIS, OF MOON TOWNSHIP, BEAVER COUNTY, PENNSYLVANIA.

TOOL-SUPPORT.

1,018,258.

Specification of Letters Patent.

Patented Feb. 20, 1912.

Application filed January 5, 1911. Serial No. 601,016.

To all whom it may concern:

Be it known that I, FRANCIS S. MORRIS, a citizen of the United States, residing at Moon township, in the county of Beaver and State of Pennsylvania, have invented certain new and useful Improvements in Tool-Supports, of which the following is a specification.

My invention consists of an improved device for supporting tools or implements, temporarily, during inactive periods, by the workman.

The object of the invention is to provide simple and easily operable means for supporting any tool, as a saw, upon the person of the workman, or elsewhere, in a position easily available for removal and use.

In the drawing, the device is shown as incorporated with the handle of a saw whereby the saw may be readily attached to or detached from a receiving device carried by a belt, worn by the user, and it will be understood that the invention may be incorporated with any other tool or implement for attachment to any suitable supporting element, within the scope of the appended claims.

In the drawing, which illustrates one form of the invention: Figure 1 shows the handle and a portion of a saw blade, provided with the invention. Fig. 2 is a vertical sectional view, with the supporting belt and staple, on the line II. II. of Fig. 1. Fig. 3 is a transverse sectional view on the line III. III. of Fig. 2. Fig. 4 is a view similar to Fig. 2, illustrating the operation of detaching the saw from its support.

Secured to the handle 2 of the saw, and extending transversely therethrough, is a housing or casing 3 having any suitable means for securing it in position, as a front plate 4 and attaching screws 5.

6 is a hook at one end of a stem 7 having at the other end a disk 8, against which bears the inserted spring 9. In its normal position, the spring 9 holds the hook inwardly against the plate 4, in closed position, as in Fig. 2, the disk 8 being flush with the outer surface of the saw handle.

10 is a staple or supported carrier, of any suitable form, preferably incorporated with or secured upon a belt 11 worn around the waist of the workman and in a suitable position as at his side, to receive and carry the saw when attached.

The saw is readily and quickly detached from its support by pressing inwardly against the disk 8 by the finger of the hand holding the saw handle, whereby it may be instantly attached or detached as shown in Fig. 4.

The advantages of the invention will be readily appreciated by all those familiar with the use of saws and other similar tools, especially when working on a building or elsewhere at a height from the ground and away from convenient or safe resting places for the tool. The danger of dropping or losing the tool is entirely eliminated and it is at all times within easy reach of the workman.

The location of the attachment, its specific construction or other detail features may be readily changed or varied by the skilled mechanic to suit different conditions of application, but all such changes are to be considered as within the scope of the following claims:

What I claim is:—

1. The combination with a belt having a supporting staple, of a tool provided with a transversely mounted housing, a spring therein, and a stem in said housing normally retracted by said spring having a finger disk on one side of the tool and an engaging hook on the opposite side thereof to engage the staple, said hook having an innermost open side and adapted to be normally held backwardly against the housing to prevent disengagement of the staple, substantially as set forth.

2. A tool, having a grip portion and a handle extending forwardly of the grip portion, a housing mounted transversely in the handle and having a plate at one end, a stem extending through the housing having at one end a pressure disk in position for engagement by one of the fingers of the hand holding the grip and at the other end a reversed hook terminal, and a spring within the housing normally pressing outwardly against the disk to hold the open end of the hook against the end plate of the housing, substantially as set forth.

In testimony whereof I hereunto affix my signature in the presence of two witnesses.

FRANCIS S. MORRIS.

Witnesses:

MILTON J. PATTERSON,
ELMER LYONS.