

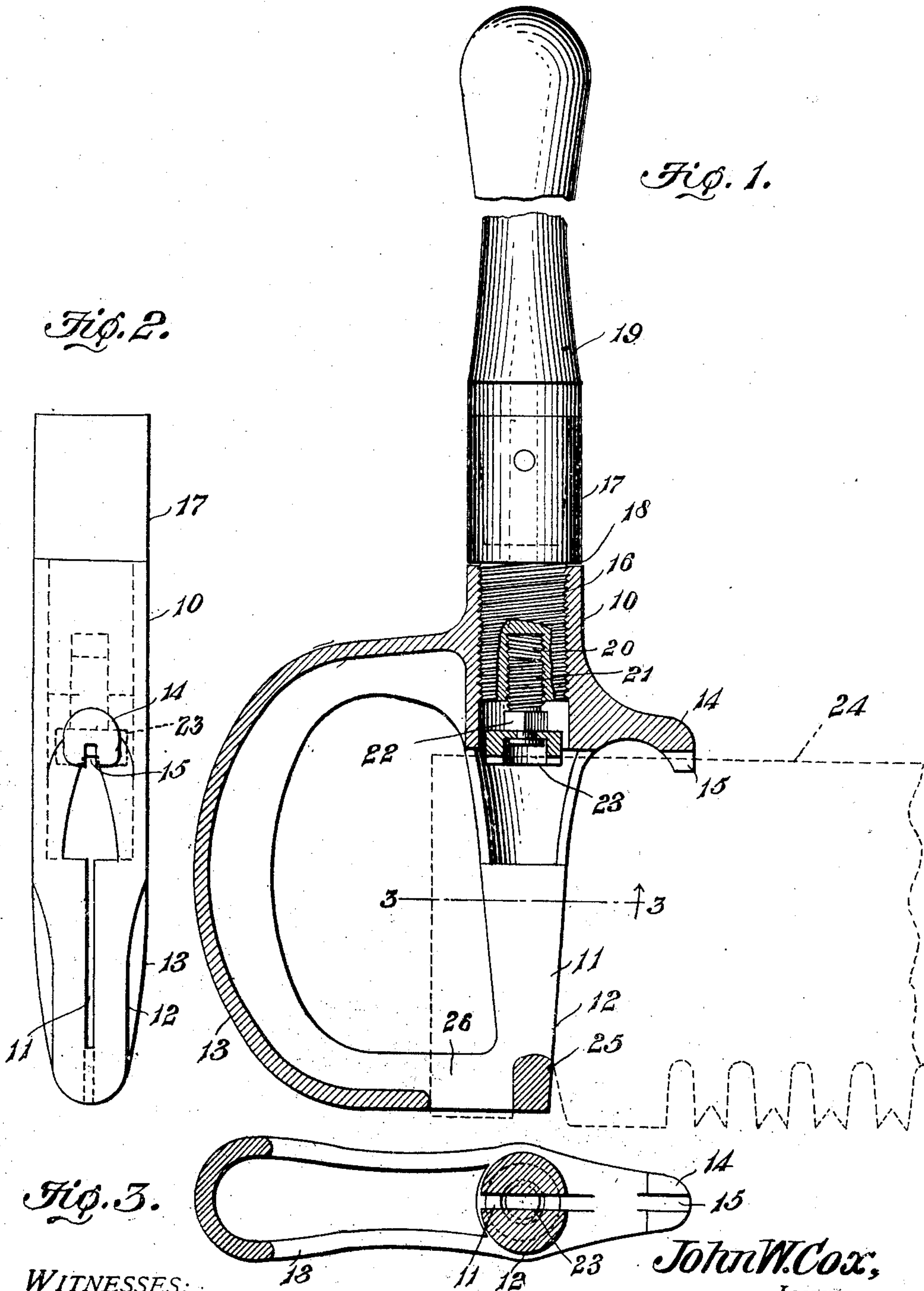
No. 826,921.

PATENTED JULY 24, 1906.

J. W. COX.

SAW HANDLE.

APPLICATION FILED JAN. 11, 1906.



WITNESSES:

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UNITED STATES PATENT OFFICE.

JOHN WESLEY COX, OF DARLING, MISSISSIPPI.

SAW-HANDLE.

No. 826,921.

Specification of Letters Patent.

Patented July 24, 1906.

Application filed January 11, 1906. Serial No. 295,635.

To all whom it may concern:

Be it known that I, JOHN WESLEY COX, a citizen of the United States, residing at Darling, in the county of Quitman and State of Mississippi, have invented a new and useful Saw-Handle, of which the following is a specification.

This invention relates to the detachable handles for saws, more particularly the larger forms of crosscut-saws used in logging operations, and has for its object to improve the construction and increase the efficiency of devices of this character.

With these and other objects in view, which will appear as the nature of the invention is better understood, the invention consists in certain novel features of construction, as hereinafter fully described and claimed.

In the accompanying drawings, forming a part of this specification, and in which corresponding parts are denoted by like designating characters, is illustrated the preferred form of the embodiment of the invention capable of carrying the same into practical operation.

In the drawings, Figure 1 is a side elevation, partly in section. Fig. 2 is a front elevation. Fig. 3 is a transverse section on the line 3 3 of Fig. 1.

The improved device comprises a stock internally threaded at the upper enlarged end 10 and with a saw-receiving slot 11 in the smaller lower portion 12 and a hand-grip 13, extending from the rear side and connected at one end to the enlarged portion 10 and at the other end to the smaller lower portion 12. Extending from the front side of the enlarged upper portion 10 is a guard 14, having a slot 15 in its lower face to bear over the back edge of the saw, as indicated by dotted lines in Fig. 1. The guard protects the hand of the operator from contact with the saw, as hereinafter explained. The stock 10 12, hand-grip 13, and guard 14 are in one piece of malleable iron or cast-steel, and the hand-grip portion is preferably hollow to decrease the weight.

Engaging the threaded portion of the stock is a threaded plug 16, having a socket 17 at the upper end and a shoulder 18 between the threaded portion and the socket. The socket is designed to support a wood handle 19, and

the shoulder is adapted to bear above the upper end of the enlarged portion 10 of the stock. The lower end of the plug 16 is provided with a threaded recess 20, in which a screw-stud 21 fits, the stud having a square portion 22 to receive a wrench and with a head 23 swiveled thereto below the squared portion. The swiveled head may thus be adjusted farther from or nearer to the plug 16 and is designed to bear upon the upper edge of the saw, (indicated by dotted lines 24.) The slot 11 does not extend entirely through the smaller portion 12 of the stock; but a small section is left at 25, while a slot is formed at 26 in the adjacent portion of the hand-grip 13, the portion 25 forming a stop to engage a recess in the saw, as represented.

In applying the device the rear end of the saw 24 is inserted in the slot 11, with the recess in the saw bearing over the stop 25. The swiveled head 23 is then adjusted by rotating the screw-stud 21 until the head bears against the back or upper edge of the saw-blade, when the stud 16 is rotated far enough to cause the shoulder 18 to bear upon the upper end of the stock or slightly spaced therefrom. By this means the saw may be firmly clamped in the handle and the device adjusted to any size of saw within the range of the slot 11 and the screw-stud 21. The lower face of the swiveled head 23 is provided with notches to bear over the upper edge of the saw.

Some forms of saws are arranged with the teeth extending to the ends, and when the improved handle is attached to saws of this class the last tooth at the "heel" end will be inserted into the slot 26 and the portion 25 in the last space between the teeth, thus avoiding the necessity for providing special recess in the saw.

With an implement thus constructed and applied the ease and convenience of the operator is materially increased, as he can use both hands in operating and guiding the saw or grasp the upper wood handle 19 or the lower hand-grip, as may be preferred.

Having thus described the invention, what is claimed is—

A saw-handle comprising a stock having a threaded aperture in one end and a transverse slot communicating with said aperture

and adapted to receive the saw, a threaded
plug engaging said aperture and provided
with a threaded cavity in the inner end, a
threaded stud engaging said cavity, and a
5 bearing-head swiveled upon said stud and
bearing upon the saw within the slot.

In testimony that I claim the foregoing as

my own I have hereto affixed my signature
in the presence of two witnesses.

JOHN WESLEY COX.

Witnesses:

W. A. Cox,

JOHN PANG.