(No Model.)

J. BEAULIEU.

SAW HANDLE.

No. 384,500. Patented June 12, 1888.

Fig. 1.

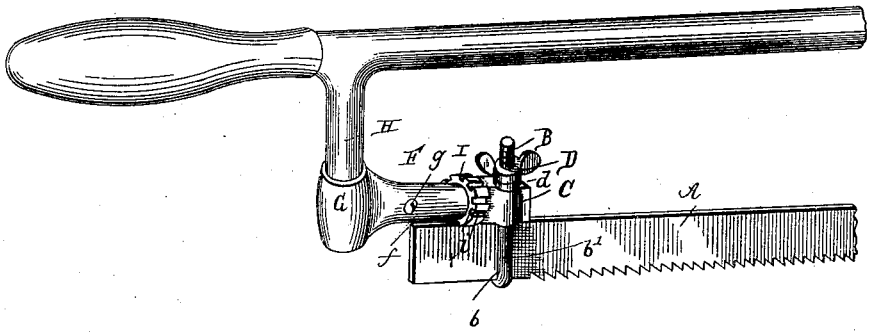


Fig. 2.

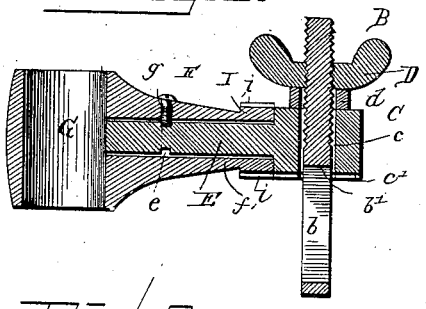
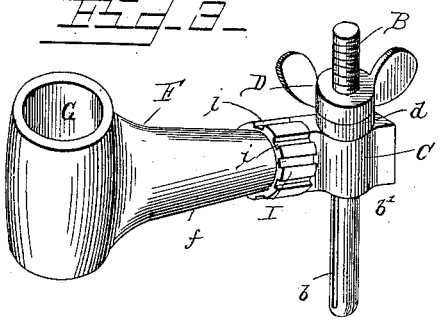


Fig. 3.



Witnesses.
Henry G. Dieterich.
Theodore S. West.

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By his Attorneys.
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UNITED STATES PATENT OFFICE.

JOHN BEAULIEU, OF ARCATA, CALIFORNIA.

SAW-HANDLE.

SPECIFICATION forming part of Letters Patent No. 384,500, dated June 12, 1888.

Application filed February 17, 1888. Serial No. 264,339. (No model.)

To all whom it may concern:

Be it known that I, JOHN BEAULIEU, a citizen of the United States, residing at Arcata, in the county of Humboldt and State of California, have invented a new and useful Improvement in Saw-Handles, of which the following is a specification.

The invention relates to improvements in saw-handles, relating more particularly to the construction and attachment of the securing-loop thereof; and it consists in the construction and novel combination of parts hereinafter described, and pointed out in the appended claims.

In the drawings, Figure 1 represents a perspective view of the device attached to one end of a saw and with the handle attached. Fig. 2 is a central vertical longitudinal section of the handle-loop. Fig. 3 represents a perspective view of the handle-loop and thumb-screw detached.

Referring to the drawings by letter, A designates a saw-blade, having its end passed through the longitudinal slot *b* in the unthreaded lower part or stem, *b'*, of the screw B to a point not reaching the teeth. The said screw passes through a vertical opening, *c*, in the block C, the back edge of the saw-blade resting in the longitudinal groove *c'* of said block on the lower surface thereof.

D is a thumb-nut engaging the upper threaded end of the screw B, and forcing the washer *d* down on the upper surface of the block C, so as to bind the saw in the slot *b* and its back edge in the groove *c'*.

The block C has a cylindrical arm or stem, E, provided at a proper point with a circumferential groove, *e*, and fitting and turning in the sleeve *f* of the handle loop F, through a threaded opening in which passes the retaining-screw *g*, the point of which enters the groove *e* and prevents the stem E from being withdrawn, while permitting the same to rotate.

G is the eye of the loop F, into which eye the handle H is inserted, and I is a flange at the end of the sleeve *f*, provided at suitable distances apart with the notches *i i*, any one of which can be turned into alignment with the groove *c'* on the lower surface of the block C.

In fixing the handle in position the proper notch *i* is brought into alignment with the groove *c'*, the saw-blade is inserted in the slot *b*, with its back edge in the said groove and notch, and the thumb-nut D screwed home till all the parts are firmly and tightly held together.

It is evident from the above that the loop E, and consequently the handle H, can be fixed at any desired angle to the plane of the saw-blade, the amount of the angle depending upon the notch *i* brought into alignment with the groove *c'*.

The device as described is simple, strong, and durable, and the saw-blade can be easily and rapidly secured at any angle to the handles without removing the latter from the eyes of the loops.

Having described my invention, I claim—

1. The combination of the handle-loop having an eye and a sleeve at right angles to the eye, the block swiveled in said sleeve and projecting from the end of the same, and the slotted screw inserted through the end of the block and adjustably secured therein, as set forth.

2. The combination, with the saw-blade, the slotted screw, and the thumb-nut and washer, of the block having an opening for said screw and a longitudinal groove at right angles to said opening for the back edge of the saw-blade, and the handle-loop swiveled on said block and provided adjacent to the block with the circumferential flange having notches *i*, any one of which may be turned into alignment with the groove in the block, substantially as specified.

3. The herein-described saw-handle securing device, composed of the screw B, provided with the longitudinal slot *b*, the thumb-nut D and its washer *d*, the block C, having the screw-opening *c*, the longitudinal groove *c'*, and the stem E, provided with the circumferential groove *e*, the handle-loop having the eye G, the sleeve *f*, and flange I, provided with the notches *i*, and the retaining-screw *g*, passing through a threaded opening on the sleeve, and with its point in the groove *e*, substantially as specified.

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

JOHN BEAULIEU.

Witnesses:
HANS ANDERSEN,
F. R. EMERSON.