To all whom it may concern:

Be it known that I, HARRISON E. HERRICK, a citizen of the United States, residing at and whose post-office address is Merrimack, in the county of Hillsboro and State of New Hampshire, have invented new and useful improvements in Saw-Handle Fastenings, of which the following is a specification.

This invention relates to saw-handle fastenings; and the primary object thereof is to provide a device of the character described which will effectually provide and compensate for the wear and tear on the saw incidental to the excessive handling to which an instrument of this kind is subjected.

It is well known that considerable difficulty is experienced in keeping the handle tightly secured to the saw, as excessive handling and the vibration cause the handle to work loose.

In time a new one has to be provided. By the use of my invention I obviate this difficulty, and through the medium of an eccentrically-mounted or cam lever a tight fastening is at all times made.

A further object is to provide a fastening whereby the handle may be readily detached and applied without the use of any other tools than the handle and cooperating parts.

The peculiar construction embodied in my invention will be clearly described hereinafter and illustrated in the accompanying drawings, in which—

Figure 1 is a vertical longitudinal sectional view through a handle constructed in accordance with my invention and showing the saw applied. Fig. 2 is an end elevation of the handle and fastening.

In the drawings, 1 designates a tube, in one end of which is sleeved the handle 2. This tube is split longitudinally, as at 3, the lower portion being reduced and terminating in an enlarged concavo-convex end 4, having impinging or abutting edges 5 and 6, which engage and prevent slipping.

7 designates a transverse bar which is pivotally secured to the sleeve at a point intermediate its end and adjacent the top edge of the saw. The lower edge of the bar is designed to bear against the top edge of the saw, so as to firmly press the same against the abutting edges of the tube. It will be noticed that the top edge of this bar is cut away to form a cam-face 8, and at the pivotal point of said bar is provided an elongated slot 9, in which the pivoted pin 10 is mounted. The object of this construction is to permit a vertical play on the bar 7, so that when a downward pressure is exerted by the cam-lever 11 the edge 7 of said bar will bear upon the top edge of the saw evenly throughout its length, thereby insuring a firm engagement by the impinging edges 5 and 6. The handle 12 on the lever 11 is normally seated within the slot 13, and the T-head 14 thereof is curved, so that a finger may be readily inserted in the recesses 15 to withdraw the lever from engagement with the bar, and thereby release the saw.

While I have specifically described what to me at this time appears to be the very best means of accomplishing the desired result, I would have it understood that I do not limit myself to the exact details of construction shown, but reserve the right to make such slight changes or alterations as suggest themselves and come within the scope of my invention.

Having thus fully described my invention, what I claim, and desire to secure by Letters Patent, is—

1. A saw-handle fastening, comprising a slitted tube having a concavo-convex end to form impinging edges for engagement with the saw, a bar arranged within the tube and adapted to bear against the top of the saw, and means for forcing said bar in rigid contact with the saw.

2. A saw-handle fastening comprising a slitted tube having impinging edges at its lower end, a saw seated in said slit and engaged by the impinging edges, means pivotally mounted in said tube for engaging the saw and means for holding the engaging member in contact with the saw.

3. A saw-handle fastening comprising a tube having a vertical slit therein, a concavo-convex portion in said tube, the edges of which are adapted to bear against the lower
edge of the saw, and a lever for holding said saw in engagement with said edges.

4. In a saw-handle fastening, the combination with a slitted tube, of a saw seated therein, a pivoted and sliding bar adapted to engage one edge of the saw, said bar being provided with a cam-face, and an eccentrically-mounted lever pivoted above said bar and adapted to engage the same to normally hold it in rigid contact with the saw.

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

Witnesses:
HENRY A. CUTTER,
EDSON E. CHANDLER.