Webber & Iverson.

Nail Extractor,

No. 41,880. Patented Mar. 8, 1864.

Fig. 1.

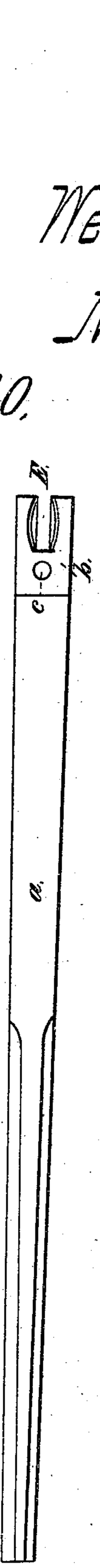


Fig. 2.

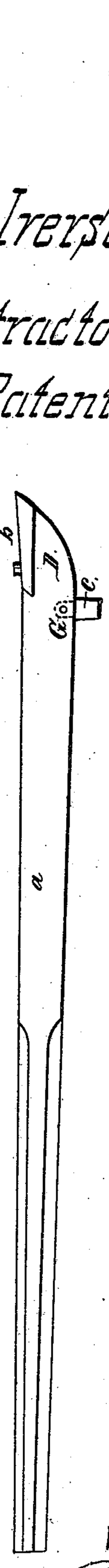


Fig. 3.

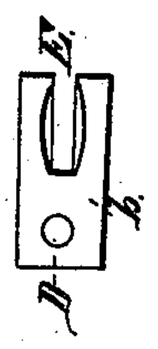
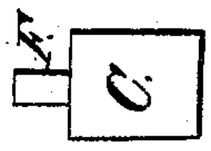


Fig. 4.

Fig. 5.



Witnesses:

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UNITED STATES PATENT OFFICE.

CHARLES T. WEBBER AND PAUL IVERSON, OF JANESVILLE, WISCONSIN.

IMPROVEMENT IN TOOLS FOR DRAWING SPIKES.

Specification forming part of Letters Patent No. **41,880**, dated March 8, 1864.

To all whom it may concern:

Be it known that I, PAUL IVERSON, and I, CHARLES T. WEBBER, of Janesville, in the county of Rock and State of Wisconsin, have invented a new and useful Machine for Drawing Spikes from Railroad-Ties and other Things, and we call said machine "IVERSON & WEBBER'S Flexible Spike-Bar;" and we do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, in which—

Figure 1 is a top view; Fig. 2, a side view; Fig. 3, a longitudinal section, and Figs. 4 and 5 a vertical section.

Letter A is the main bar. *b* is a steel point. D is a set-screw, and C is a flexible fulcrum. E is a slot, and F is a tenon.

We construct said bar in the usual way, with a slot in the end thereof. We then construct the facing *b*, as seen in Fig. 3, of steel, with a slot, E, in the end thereof, corresponding with the slot in the said bar, and attach it to said bar with the set screw D, which said screw is inserted into the said bar just back of the said slot. Now, it is obvious that whereas the said screw passes through the said facing loosely, and is screwed down into the said bar, it must hold them permanently together, and are also easily detached when necessary, the importance of which can be seen at a glance. Now, as it regards the fulcrum C, we form it as seen in Figs. 4 and 5. Fig. 4 is a side view; Fig. 5, a front or end view. The tenon F is inserted into the said bar at a proper distance from the end thereof, and is pivoted there by the pin G. As a matter of course, there is a mortise in the under side of said bar, corresponding in width with the thickness of the said tenon, but somewhat longer, so as to allow the said fulcrum C to swing upon the said pivot, the object of which is to cause the said bar to adjust itself to the vertical position of the said spikes, causing it to draw easy and avoid bending them.

What we claim as our invention, and desire to secure by Letters Patent, is—

1. The combination of the adjustable steel point *b* with the main bar A.

2. The combination of the flexible fulcrum C with the said bar, substantially as described.

CHARLES T. WEBBER,
PAUL IVERSON.

Witnesses:
H. A. PATTERSON,
A. C. BATES.