W. H. BARWICK.

Nail and Spike Extractor.

No. 207,098. Patented Aug. 20, 1878.

Fig. 1.

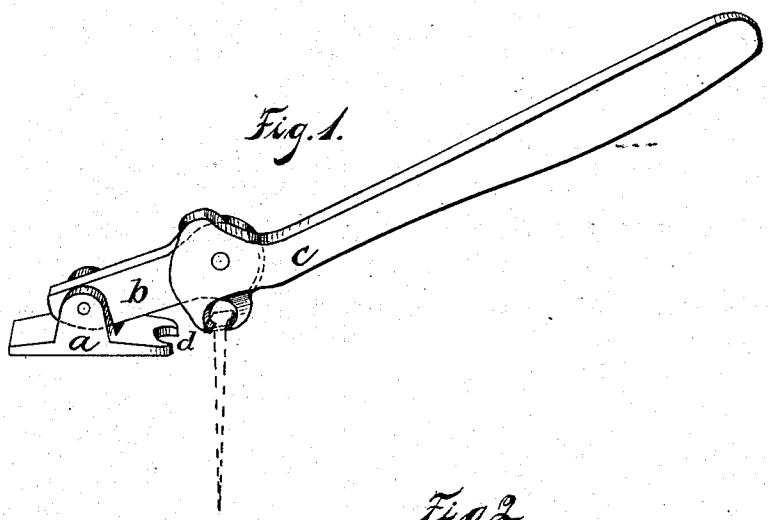
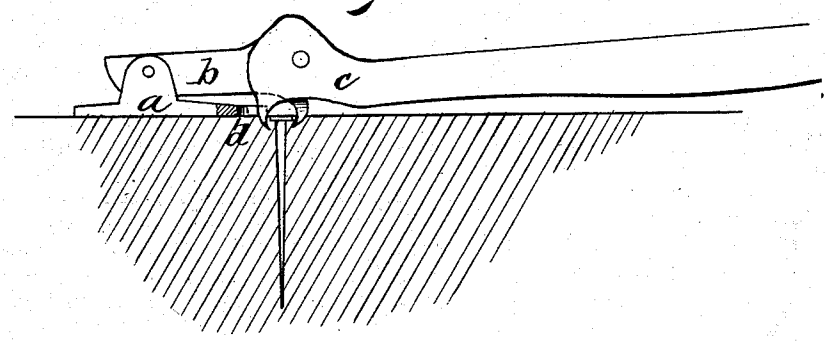


Fig. 2.



Witnesses:

T. D. Merwin.

Robt. F. Gaylord

Inventor:

W. H. Barwick

By W. E. Simonds

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UNITED STATES PATENT OFFICE.

WILLIAM H. BARWICK, OF HYDE PARK, MASSACHUSETTS.

IMPROVEMENT IN NAIL AND SPIKE EXTRACTORS.

Specification forming part of Letters Patent No. **207,098**, dated August 20, 1878; application filed December 24, 1877.

To all whom it may concern:

Be it known that I, WM. H. BARWICK, of Hyde Park, in the county of Norfolk and State of Massachusetts, have invented certain new and useful Improvements pertaining to a Nail and Spike Extractor, of which the following is a specification, reference being had to the accompanying drawings, where—

Figure 1 is a perspective view. Fig. 2 is a side view, showing the claw end of the fulcrum-block in section.

The letter *a* denotes a fulcrum-block; *b*, a claw-lever, pivoted in the fulcrum-block; and *c*, a claw and handle lever, pivoted to the claw-lever *b*.

Fig. 2 shows the method of grasping a nail or spike head with this device, and Fig. 1 shows the nail or spike extracted by lifting on lever *c*.

The fulcrum-block is made at its fore end with claws *d*, adapted to make an impression in the wood each side of the head of the nail, to enable the jaw-points to get a gripe upon the nail.

It will be noticed that the fulcrum-block is stationary during the operation of extracting the nail, &c., and that the connecting-lever plays upon its pivot therein as upon a fixed center, thereby moving in the arc of a circle, and having an invariable radius, so as to facilitate the pulling of the nail.

In all the extractors with which I am acquainted the fulcral point is movable or constantly changing.

I claim as my invention—

The within-described nail-extractor, consisting of the fulcrum-block, its claws *d*, the connecting jaw-lever, and the handle jaw-lever, constructed and arranged as set forth, the said levers moving upon the fulcrum-block as from a fixed center, and with an invariable radius, as shown, substantially as and for the purpose specified.

WM. H. BARWICK.

Witnesses:

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FRED. A. TAFT.