J. E. DRAPER.

DEVICE FOR CLINCHING HORSESHOE NAILS.

No. 32,989. Patented Aug. 6, 1861.

Fig: 1.

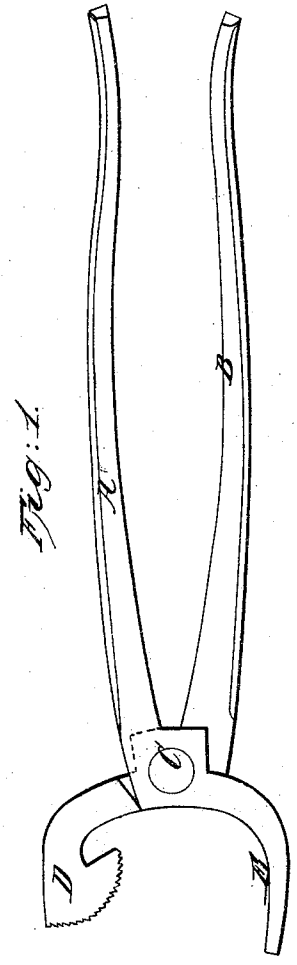
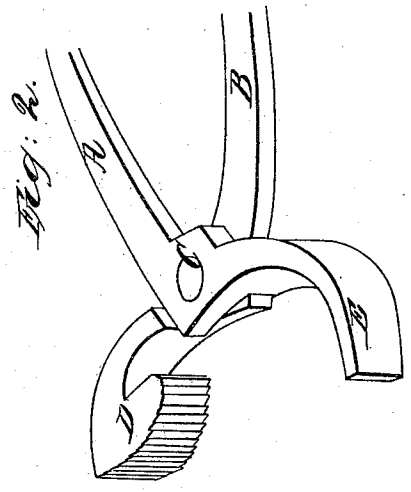


Fig: 2.



Witnesses:

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THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

J. E. DRAPER, OF NORTHVILLE, MICHIGAN.

IMPROVED TOOL FOR CLINCHING HORSESHOE-NAILS.

Specification forming part of Letters Patent No. **32,989**, dated August 6, 1861.

To all whom it may concern:

Be it known that I, J. E. DRAPER, of Northville, in the county of Wayne and State of Michigan, have invented a new and Improved Implement or Device for Clinching Horseshoe-Nails; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, in which—

Figure 1 is a side view of my invention; Fig. 2, an enlarged perspective view of the same.

Similar letters of reference indicate corresponding parts in the two figures.

To enable those skilled in the art to fully understand and construct my invention, I will proceed to describe it.

A B represent two handles, which are connected by a fulcrum pin or joint, C, the handles being provided, respectively, with jaws D E, which cross each other at the joint or pin C, so that the jaws may be made to approach and recede from each other by operating the handles A B in a corresponding manner—that is to say, the jaws being distended by distending or shoving apart the handles, and vice versa. The jaws D E are quite dissimilar, the jaw D of handle A being of segment form, and corrugated, as shown clearly in Fig. 2, while the jaw E of handle B is of hook or curve form approaching or approximating to a semicircle, as shown in both figures.

The implement of course is constructed of metal, and the jaws should be of steel, the corrugated jaw D being hardened, and also jaw E, if desired.

The implement is used as follows: The jaw E is placed against the bottom of the shoe and the handles A B distended so that the corrugated segment-jaw D will extend upward on the hoof sufficiently far to reach the point of the nail, and the handles A B being then compressed, the jaw D will catch the point of the nail and clinch it while being forced down, the jaw E bearing against the head of the nail, and thereby preventing the nail being "started" or forced back as it is clinched. The device, it will be seen, is extremely simple and efficient, and may be manipulated with facility, and the work of clinching very expeditiously performed.

Having thus described my invention, I claim as new and desire to secure by Letters Patent as an improved article of manufacture—

A horseshoe-nail-clinching tool composed of a serrated segment-shaped jaw, D, and a hook-shaped jaw, E, attached, respectively, to pivoted jaws A B, and otherwise made as herein shown and described.

J. E. DRAPER.

Witnesses:
LAWRENCE NOBLE,
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