A. H. ANDERSON.
Anvil Vise.

No. 196,854. Patented Nov. 6, 1877.

Fig. 1.

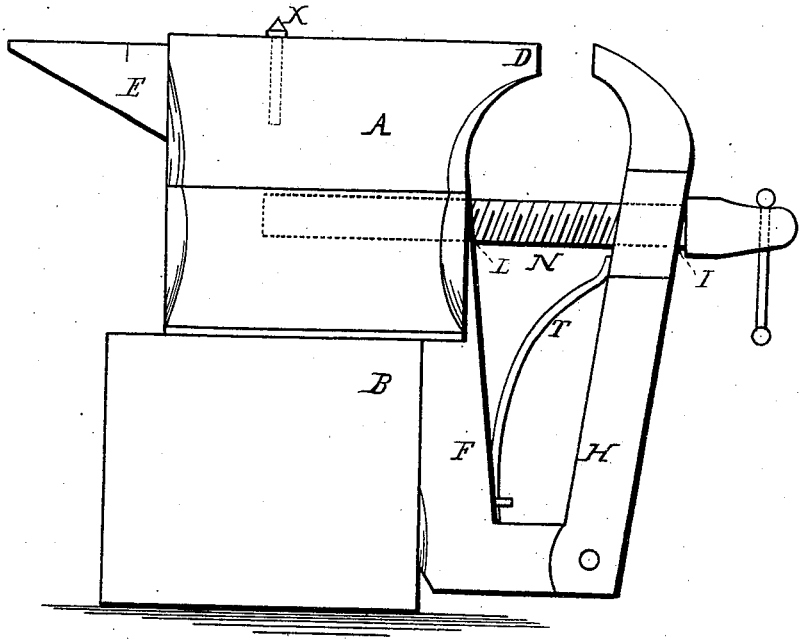
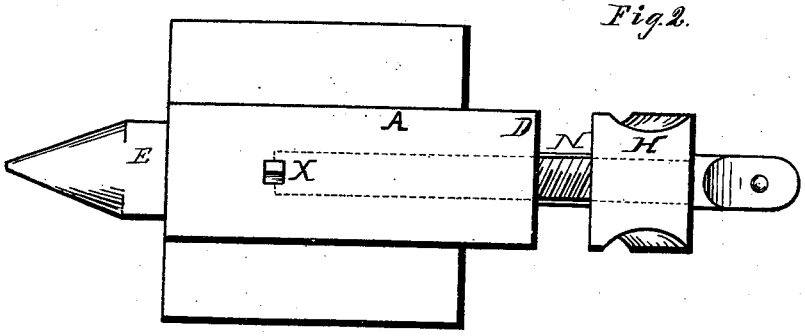


Fig. 2.



Witnesses;
Chas. A. Gill
H. C. Robinson

Inventor;
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by his Attys.
Cox and Cox.

UNITED STATES PATENT OFFICE.

ALBERT H. ANDERSON, OF NEBRASKA CITY, NEBRASKA.

IMPROVEMENT IN ANVIL-VISES.

Specification forming part of Letters Patent No. **196,854**, dated November 6, 1877; application filed March 20, 1877.

To all whom it may concern:

Be it known that I, ALBERT H. ANDERSON, of Nebraska City, in the county of Otoe and State of Nebraska, have invented a new and useful Improvement in Anvil-Vises, of which the following is a specification, reference being had to the accompanying drawings.

The invention relates to an improved anvil-vise; and consists in the devices hereinafter specifically described; its object being to provide a suitable implement for the use of farmers, mechanics, and analogous purposes.

Figure 1 is a side elevation of a device embodying the elements of the invention. Fig. 2 is a plan view of same.

In the accompanying drawings, A represents the anvil resting upon the block B. The rear end of the anvil is cast with the rigid vise-jaw or griping-edge D, and its front end with the horn E.

F represents an angular-shaped bar which is dovetailed in or cast with the butt-end of the anvil, as shown in the annexed drawings, and extends perpendicularly downward a suitable distance. To the outer end of the short arm of this bar is properly hinged or otherwise secured the movable vise-jaw H, of ordinary construction, its upper or biting edge corresponding and being flush with the griping-edge D of the anvil.

The jaw H is provided with the aperture I, placed on a horizontal plane with the aperture L, formed in the butt-end of the anvil. In these apertures works the threaded vise-screw N, to hold and regulate the gripe of the implement.

The aperture L is threaded, thus dispensing with the use of an extra nut in the recess formed in the lower surface of the anvil.

The spring T is provided to press the movable vise-jaw from the anvil, which is fastened to its base by any suitable means.

X represents the cutting-die, set in an aperture in the upper surface of the anvil, and may be employed or not, as desired.

It is obvious that by having the movable vise-jaw on the rear end of the anvil, a piece of iron could be laid longitudinally upon the latter and worked efficiently; whereas, if the vise-jaw were placed on the side of the rear end of the anvil, as is the case of some of those in present use, the metal would have to rest transversely upon the anvil, and could not be worked as effectively as in the present case, by reason of the iron extending beyond the edge of the anvil and hanging over.

What I claim as my invention, and desire to secure by Letters Patent, is—

The anvil A, constructed with the biting-edge D, and having the threaded aperture L on its rear end, in combination with the angular bar F and vise-jaw H, provided with the aperture I, in which, in conjunction with the aperture L, the vise-screw N operates, the upper edge of the jaw H being flush with the upper surface of the anvil A, and all the parts mentioned being arranged and constructed substantially as shown and described.

In testimony that I claim the foregoing improvement in anvil-vises, as above described, I have hereunto set my hand this 14th day of December, 1876.

ALBERT H. ANDERSON.

Witnesses:
M. DERUM,
C. J. DUFF.