

W. W. LEWIS.
Bars for Horseshoe Blanks.

No. 153,443.

Patented July 28, 1874.

Fig. 1.

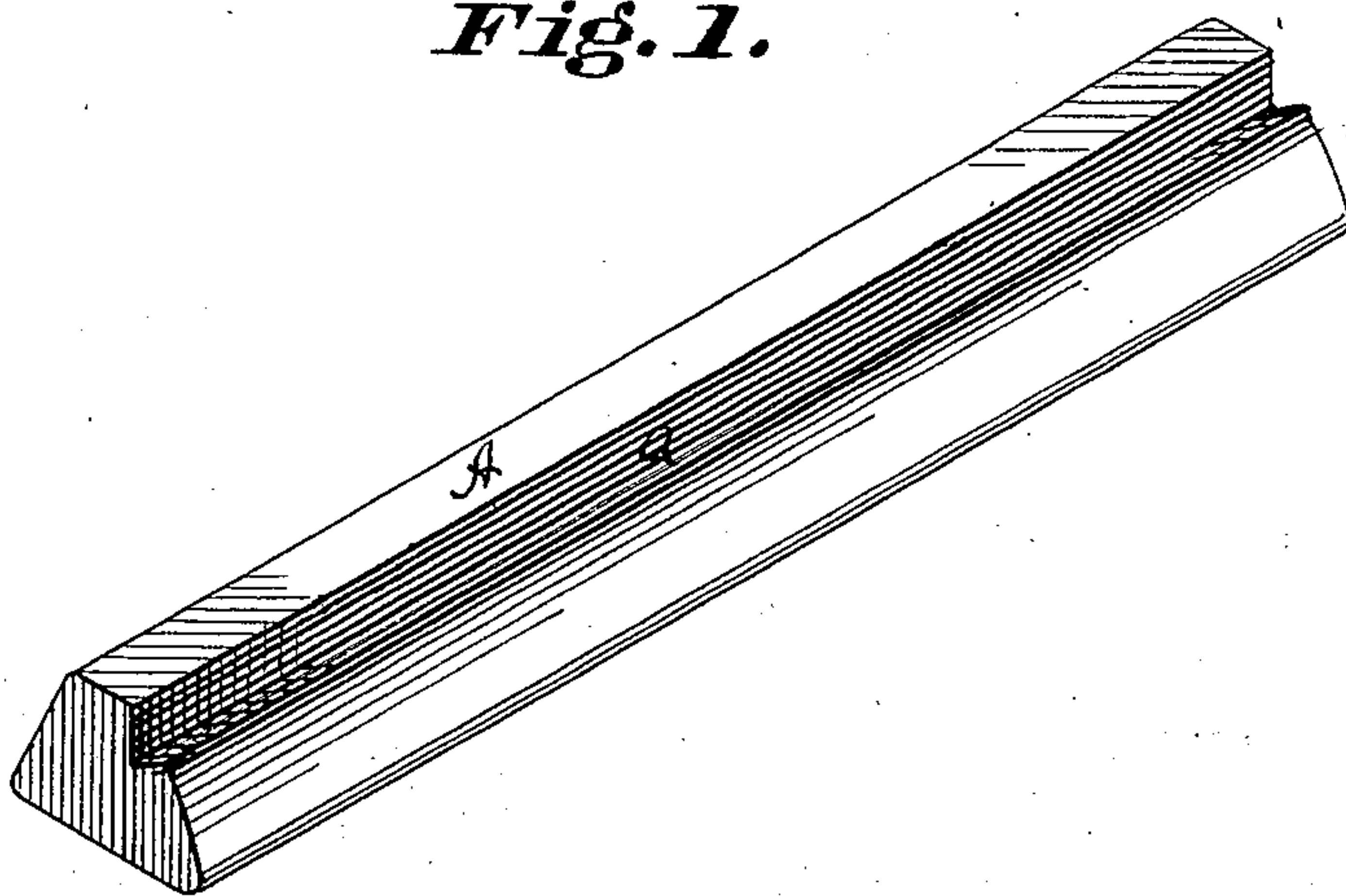


Fig. 2.



Attest.

John E. Hales
Jeremiah F. Jwohig

Inventor.

W. W. Lewis

UNITED STATES PATENT OFFICE.

WILLIAM W. LEWIS, OF CINCINNATI, OHIO.

IMPROVEMENT IN BARS FOR HORSESHOE-BLANKS.

Specification forming part of Letters Patent No. **153,443**, dated July 28, 1874; application filed June 22, 1874.

CASE B.

To all whom it may concern:

Be it known that I, WILLIAM W. LEWIS, of Cincinnati, Hamilton county, Ohio, have invented certain Improvements in Bars for Horseshoe-Blanks, of which the following is a specification:

My invention relates to a crease in bars for horseshoe-blanks, and is an improvement upon an invention with the same title for which I have completed my specification, preparatory to applying for Letters Patent. It consists in forming the crease with an inwardly-beveled bottom, so as to give the creasing tool or roll, that is afterward to form the deep nail-crease, a draw, thereby keeping it in the proper line, and preventing it from going out of its course.

In the drawings, Figure 1 is an elevation of a bar for horseshoe-blanks, showing my invention. Fig. 2 is a cross-section of the same, showing the inward bevel of the bottom of the crease.

A represents the bar, and *a* the guiding-crease, the bottom of which is beveled toward the center of the bar.

In rolling horseshoe-blanks to form the deep nail-crease by means of the roll, it is difficult,

in practice, to keep the iron in the exact line so as to make the nail-crease in the proper place, especially when the guiding-crease is a right angle, or an obtuse angle. I obviate this by giving the guiding-crease, when the iron is rolled, a beveled bottom, so as to make the angle about eighty degrees, instead of ninety degrees. Thus, when the bars are afterward rolled for the nail-crease, there is a draw or bite given to the creasing-roll, which keeps the iron in position, and greatly facilitates the work; also, when the bars are worked up by hand, the beveled crease furnishes a draw to the creasing-tool of the smith.

The bottom of the line or crease might be fluted, so as to accomplish nearly the same effect, though not as advantageously.

I claim—

In a bar for horseshoe-blanks, the guiding-crease *a*, when made with the bottom beveled inward and downward, substantially as and for the purposes described.

WM. W. LEWIS.

Attest:

JOHN E. HOLET,
JEREMIAH F. TWOHIG.