E. TRAVENSKI.

SHOE HOLDER ATTACHMENT FOR ANVILS.

APPLICATION FILED MAR. 11, 1920.

1,402,687. **Patented Jan. 3, 1922.**

Fig. 1.

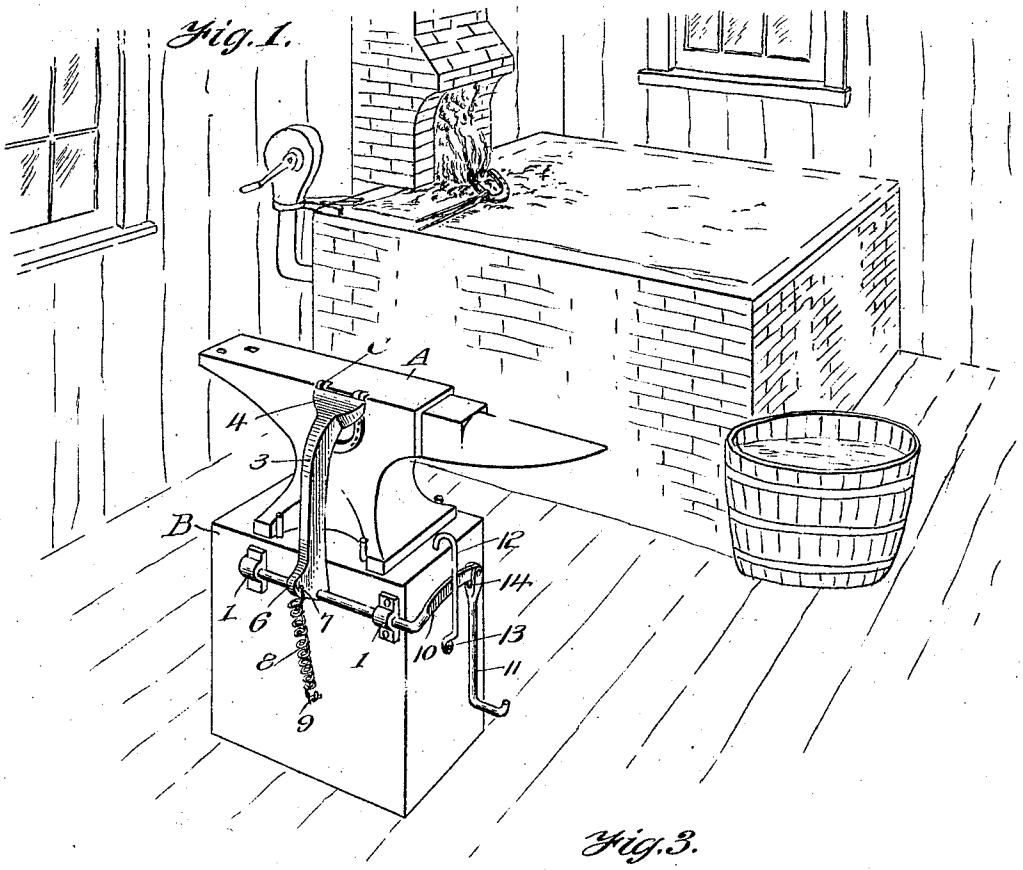


Fig. 3.

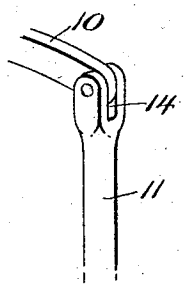
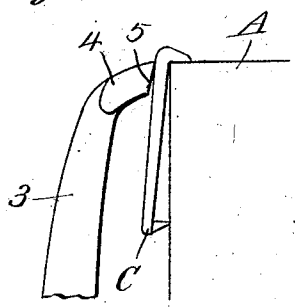


Fig. 2.



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SHOE-HOLDER ATTACHMENT FOR ANVILS.

1,402,687. Specification of Letters Patent. Patented Jan. 3, 1922.

Application filed March 11, 1920. Serial No. 364,926.

To all whom it may concern:

Be it known that I, EDWARD TRAVENSKI, a citizen of the United States, residing at Sobieski, in the county of Oconto and State of Wisconsin, have invented certain new and useful Improvements in a Shoe-Holder Attachment for Anvils, of which the following is a specification.

This invention relates to clamps for use with blacksmith anvils and is particularly designed for holding horse shoes in such a position that the calks thereof may be formed and sharpened without the necessity of employing assistance.

While devices of a similar nature have heretofore been utilized to hold horse shoes in position for sharpening the calks thereof they have been so cumbersome and have been constructed of so many separate parts that they obstruct the anvil and must be removed from time to time, and are also very liable to become broken or disarranged through hard usage. The present invention is designed to eliminate the disadvantages of prior devices by providing an exceedingly simple, durable and effective clamp which will rigidly hold a horse shoe in proper position for sharpening the calk thereof and when not in use will not render the anvil inapt for the purposes of general blacksmithing.

For the purpose of illustrating this invention, there is shown in the accompanying drawings one form thereof which is at present preferred, since the same has been found in practice to give satisfactory and reliable results, although it is to be understood that the various instrumentalities of which the invention consists can be variously arranged and organized and that the invention is not limited to the precise arrangement and organization of these instrumentalities as herein shown and described.

In the drawings:

Figure 1 is a perspective view of an anvil with the clamp applied thereto.

Figure 2 is a detail view of the clamp per se.

Figure 3 is a detail view of a portion of the clamp per se.

Like characters of reference indicate like or similar parts throughout the several views of the drawings, in which:

A designates an anvil of the usual type which is mounted upon a block B, and C indicates a horse shoe which is held by this improved clamp against the side of the anvil with the toe calk extending over the top thereof in the usual position for sharpening the calk.

Extending transversely of the block B and pivoted thereto through the medium of bearing brackets 1 is a shaft 2 to which is fixed intermediate the extremities thereof a clamping member in the form of an arm 3 which extends at rightangles to the shaft and upwardly to a point adjacent the top of the anvil, having a clamping jaw 4 at its free end and is provided with a biting edge 5 for rigidly engaging a horse shoe to hold the same in the position clearly shown in Figure 1. Intermediate the extremities of the clamping member 3 is formed a projection or enlargement 6 having an opening 7 through which is engaged the terminal end of a compression coil spring 8 the opposite end of which is attached through the medium of a staple or other suitable fastening means 9 to the block B of the anvil and which operates to normally hold the clamp spaced laterally from the anvil in position to be out of the way when the anvil is used for other purposes. Formed on the end of the shaft 2 and extending at right angles thereto across the end of the block B is an arcuate arm 10 to the free end of which is pivoted an L-shaped foot operated member 11 the short arm of which constitutes a stirrup 15. For limiting the movement of the arm 10 and forming a guard therefor, is provided a bracket or keeper 12 one end of which is retained in an opening formed in the upper portion of the block and the other end of which is secured to the side portion of the block as at 13. In securing the foot member 11 to the arm 10, the end of said member is bifurcated as at 14 and the end of the arm 10 is pivoted between the furcations as is clearly illustrated.

From the foregoing it will be seen that upon placing the foot in the stirrup 15 and exerting pressure thereon the arm 10 will be pressed downwardly thereby actuating the shaft 2 to move the clamping member 3 toward the anvil, whereupon the clamping jaw 4 will securely engage the horse shoe C to hold the same against the anvil in position for sharpening the calk as shown in Fig. 1. Attention is invited to the fact that the operating member 11 is positioned to the left hand side of the block of the anvil so that when operating the same the blacksmith

merely places his foot in the stirrup and effects the necessary operations upon the horse shoe C. Furthermore as has been pointed out in the objects that the clamping member is so mounted upon the anvil that the same will not obstruct the anvil and render it inapt for use for the purposes of general blacksmithing, which object is accomplished by means of the spring 8, which when the foot is released from the foot engaging member 11 operates to move the clamping member C from engagement with the horse shoe so that the same may be readily removed and holds said member away from the anvil.

What is claimed is:

The combination with an anvil block, of a rock shaft mounted transversely on one face of said block having a rightangularly extending arm at one end to lie in close proximity to another face of said block, an upright keeper on said last mentioned block face in which said arm operates and which limits the rocking movement of said arm, an L-shaped stirrup member pivoted to and depending from the free end of said arm, an outwardly bowed arm fixed to said shaft intermediate its ends and provided at its fixed end with a heel and at its free end with a laterally extending clamping jaw provided with a biting article engaging edge, said arm being of a length to position said jaw opposite the upper portion of said anvil, and a coiled spring secured at one end to said block below said shaft and at its other end to the heel of said clamp carrying arm to normally hold the clamp away from the anvil.

In testimony whereof, I affix my signature hereto.

EDWARD TRAVENSKI.