J. C. BUCKLEY.

TOOL HOLDING BLOCK.

APPLICATION FILED AUG. 10, 1909.

970,177. Patented Sept. 13, 1910.

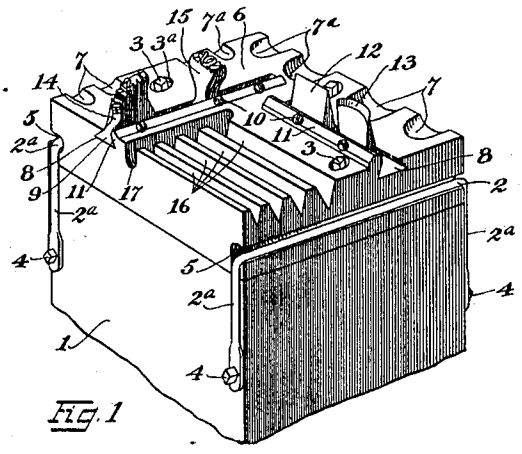

Fig. 1

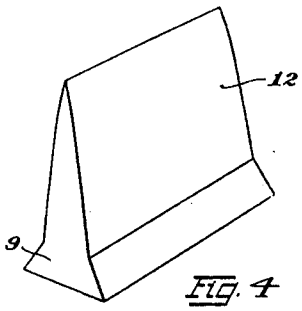

Fig. 4

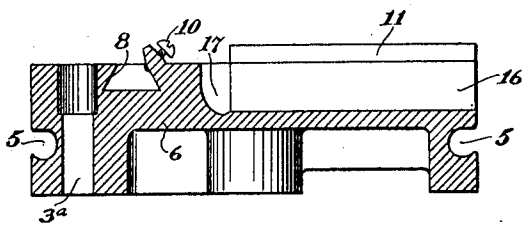

Fig. 2

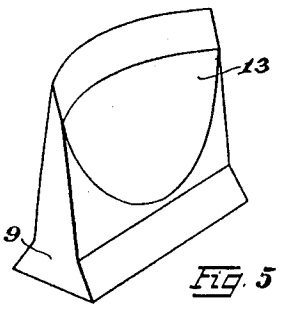

Fig. 5

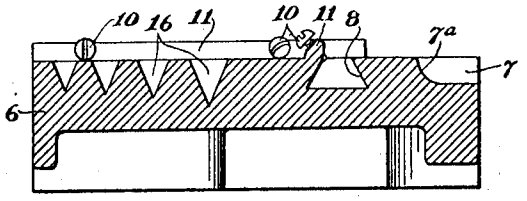

Fig. 3

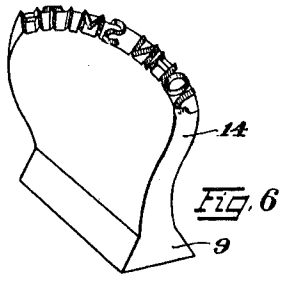

Fig. 6

Witnesses:
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J. C. Buckley
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UNITED STATES PATENT OFFICE.

JEREMIAH C. BUCKLEY, OF DETROIT, MICHIGAN.

TOOL-HOLDING BLOCK.

970,177. Specification of Letters Patent. **Patented Sept. 13, 1910.**

Application filed August 10, 1909. Serial No. 512,117.

To all whom it may concern:

Be it known that I, JEREMIAH C. BUCKLEY, a citizen of the United States, residing at Detroit, in the county of Wayne and State of Michigan, have invented certain new and useful Improvements in Tool-Holding Blocks, of which the following is a specification.

My invention relates to improvements in tool-holding blocks and is particularly designed for the use of blacksmiths, horseshoers, and others in holding their tools and dies and in forming and shaping horse shoes and other articles.

The primary object of this invention is to provide a generally improved tool holding block of this class which will be exceedingly simple in construction, cheap of manufacture, efficient in use, and better adapted to its intended purposes than any other device of the same class with which I am acquainted.

With the above mentioned ends in view, the invention consists in the novel construction, arrangement and combination of parts hereinafter described, illustrated in one of its embodiments in the accompanying drawings, and particularly pointed out in the appended claims.

Referring to the drawings forming a part of this specification, Figure 1, is a perspective view of the improved block with its mountings and attachments. Fig. 2, is a cross sectional view of the improved block with the tools removed. Fig. 3, a cross sectional view of the same in an opposite direction. Figs. 4, and 5, are detail perspective views of cutting tools commonly employed by horseshoers and blacksmiths. Fig. 6, a detail perspective view of a stencil cutting die.

Similar numerals of reference designate like parts throughout all the figures of the drawings.

The improved tool-holding block is adapted to be mounted upon the end of a post or pedestal 1, and is, preferably, secured thereto by means of bail or yoke straps 2, and wood screws 3. The vertical side bars or members 2^a, of the yoke straps are, preferably, secured near opposite sides of the pedestal by means of wood screws 4, the cross members of the yoke straps being adapted to rest within the grooves 5, in opposite sides of the tool holding block. The wood screws 3, pass through the openings 3^a, therefor, and down into the ends of the post or pedestal 1, whereby the improved tool holding block may be securely secured down thereon. The improved tool holding block 6, is preferably provided about two of its adjacent marginal edges or sides with a series of graduated die recesses 7, extending into the face of the block and provided with rounded and beveled terminal end portions 7^a.

As a means for holding the most frequently used tools employed by a horseshoer or blacksmith, a pair of dove-tailed tool-receiving grooves 8, extend from the opposite marginal sides or edges of the block and along and adjacent to the die recesses 7. The tools to be used in connection with this block are provided with dove-tailed shank portions 9, adapted to fit and slide within the tool-receiving grooves 8, and if desired, the shank portions 9, may be secured therein by means of clamping screws 10, mounted, in the present instance, in upwardly extending flanges 11, at one side of the grooves 8. The tools when mounted in the grooves 8, are adapted to project upwardly above the face of the block and, in the present instance, I have shown two cutting tools 12, and 13, mounted in one of the grooves and stencil cutting tools 14, and 15, in the other. The stencil cutting tool 14, may be provided with a die for cutting the name or trade name of the blacksmith or horseshoer, and the tool 15, may be provided with a die for cutting the trade name or mark adapted by such blacksmith or horseshoer.

A plurality of graduated V-shaped calk-receiving grooves 16, are preferably formed in the face of the block at one corner thereof, extending from one side or edge thereof and terminating in a clean-out groove 17, intersecting the adjacent marginal side or edge of the block. A horse shoe is adapted to rest on this portion of the block with its calk or calks resting in a suitable groove 16, in the operation of welding the calk to the horse shoe.

From the foregoing description, taken in connection with the accompanying drawings, the operation and advantages of my invention will be readily understood.

Having thus described my invention, what I claim and desire to secure by Letters Patent is,—

1. In a tool holding block, a post or pedestal, a tool-holding block mounted thereon

and provided on opposite sides with horizontally extending pocket-grooves, and vertically arranged yoke straps pivotally secured on opposite sides of said post or pedestal and resting in said pocket-grooves.

2. In a tool holding block, a block provided on its face with a series of graduated calk-receiving grooves extending from one of its edges and terminating in a common clean-out groove intersecting the adjacent edge thereof.

In testimony whereof I have affixed my signature, in presence of two witnesses.

JEREMIAH C. BUCKLEY.

Witnesses:
HARRY J. DINGLEMAN,
G. LEWIS CARTER.