

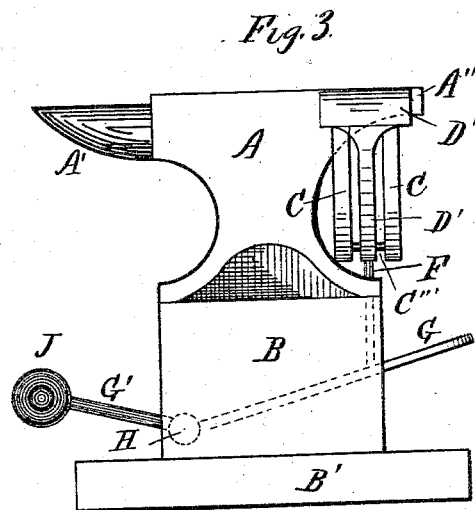
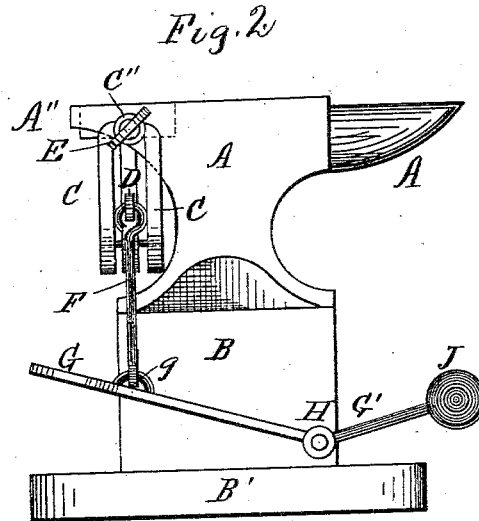
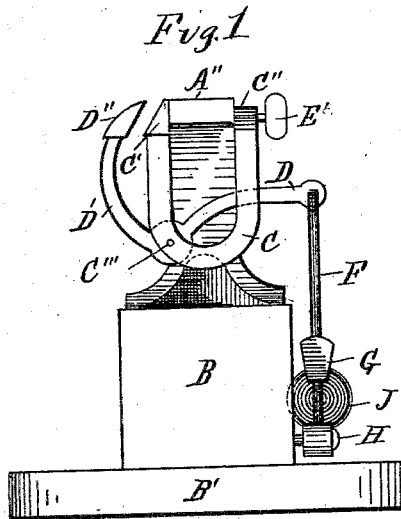
(No Model.)

J. E. COLLINS.

CALK ATTACHMENT FOR ANVILS.

No. 301,567.

Patented July 8, 1884.



Witnesses.
D. S. Carson
G. W. Balloch

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UNITED STATES PATENT OFFICE.

JOSEPH E. COLLINS, OF OAK CENTRE, WISCONSIN, ASSIGNOR OF ONE-HALF
TO JACOB M. SIMMONS, OF SAME PLACE.

CALK ATTACHMENT FOR ANVILS.

SPECIFICATION forming part of Letters Patent No. 301,567, dated July 8, 1884.

Application filed January 14, 1884 (No model.)

To all whom it may concern:

Be it known that I, J. E. COLLINS, a citizen of the United States, residing at Oak Centre, in the county of Fond du Lac and State of Wisconsin, have invented certain new and useful Improvements in Calk Attachments for Anvils; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

The object of this invention is to produce a clamping apparatus for attachment to and use in connection with an anvil, for the purpose of holding horseshoes while sharpening the calks. This result is attained in the mechanism illustrated in the drawings herewith filed as part hereof, in which the same letters of reference denote the same parts in all the views.

Figure 1 is a side elevation of my improvement as seen attached to an anvil. Fig. 2 is a rear elevation of the same. Fig. 3 is a front view.

A A' A" represent the anvil.

B is the anvil-block.

B' is the base on which the anvil rests.

C is a metal frame secured to the anvil-tail A" by means of set-screw E, working in screw-socket C". The front end of the clamp-frame C is leveled at a proper angle to hold the horseshoe in convenient working position, as shown at C' in Fig. 1.

D is a lever working on fulcrum C"', supported by the frame C, and having curved

extension D', terminating in the clamp-jaw D'', having inside clamping-surface corresponding to the jaw C'.

F is a rod connecting at staple or eyebolt *g* to treadle G, working on pivot H, affixed to the anvil-block B. The treadle G is provided with an extension, G', to the end of which is attached an overbalance-weight, T, which raises the treadle when the pressure is taken off, and throws the clamp open.

The inside surface of the frame C is provided at its end C' with a suitable number of small steel points for pricking into the side of the anvil when the set-screw E is tightened, and the position of the frame is thereby made more secure. The jaws of the clamp should be inclined to a suitable angle with the anvil to facilitate making the calks of the horseshoes of the proper level. With the horseshoe between the clamp-jaws, foot-pressure on the treadle will hold it firmly in position.

Having explained the construction and operation of my improvement, what I claim as new, and desire to secure by Letters Patent, is—

The frame provided with clamp-jaw and clamping-lever, constructed substantially as specified, in combination with an anvil and treadle, as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

JOSEPH E. COLLINS.

Witnesses:

O. J. WELLS,

J. W. CORBETT.