

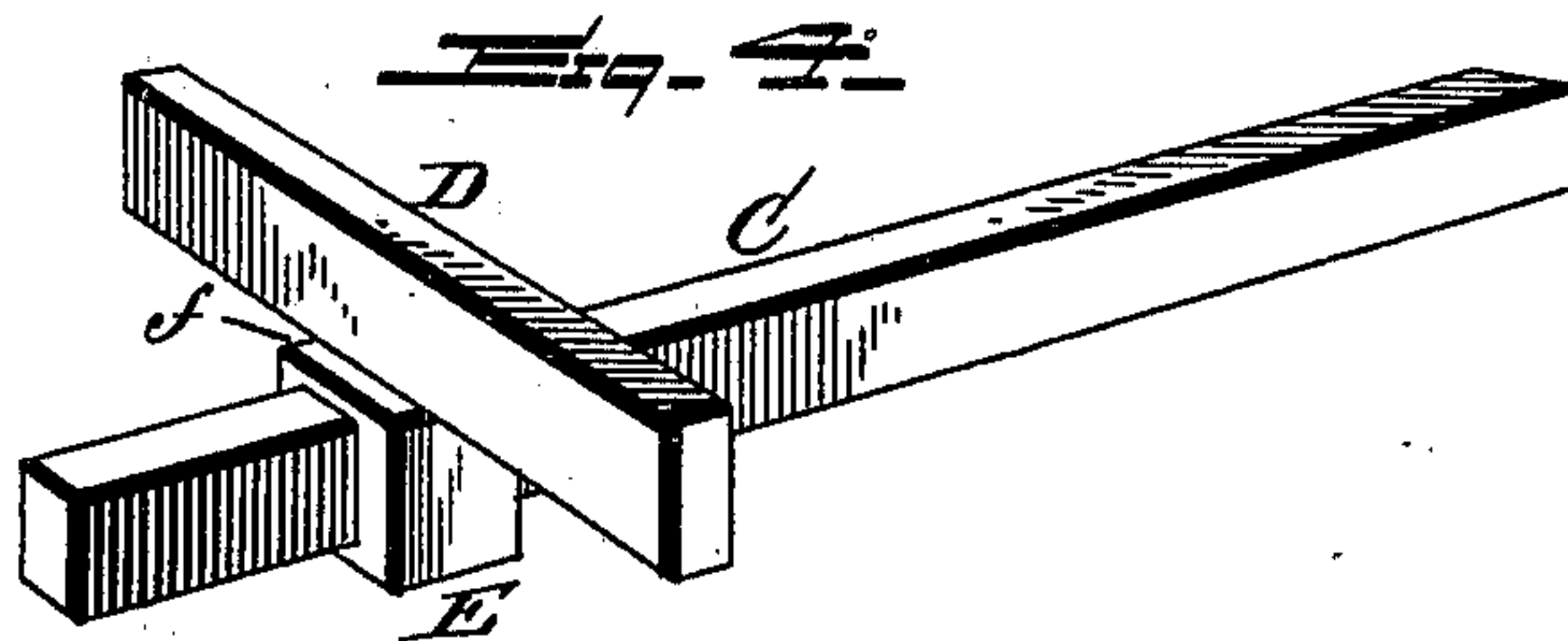
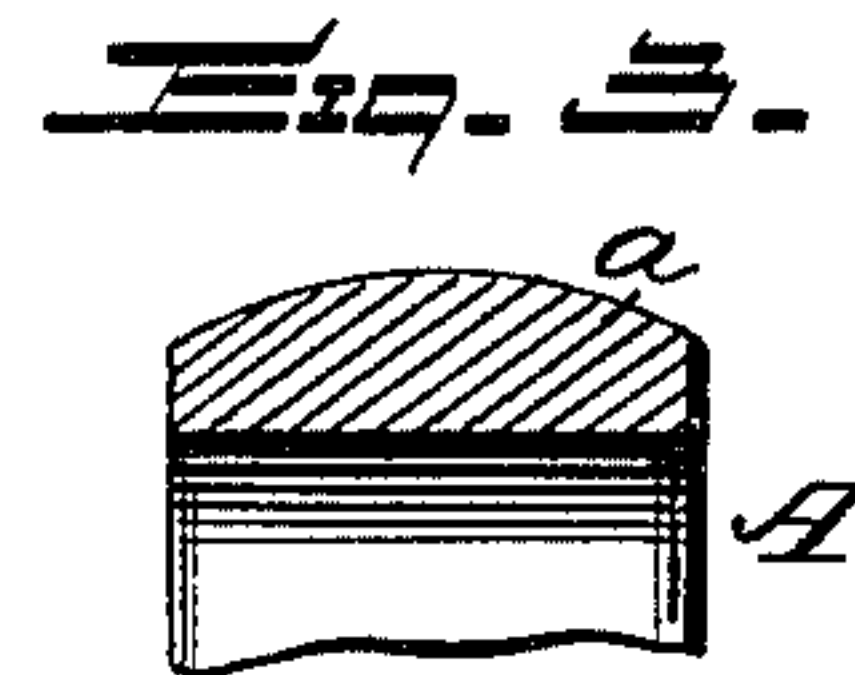
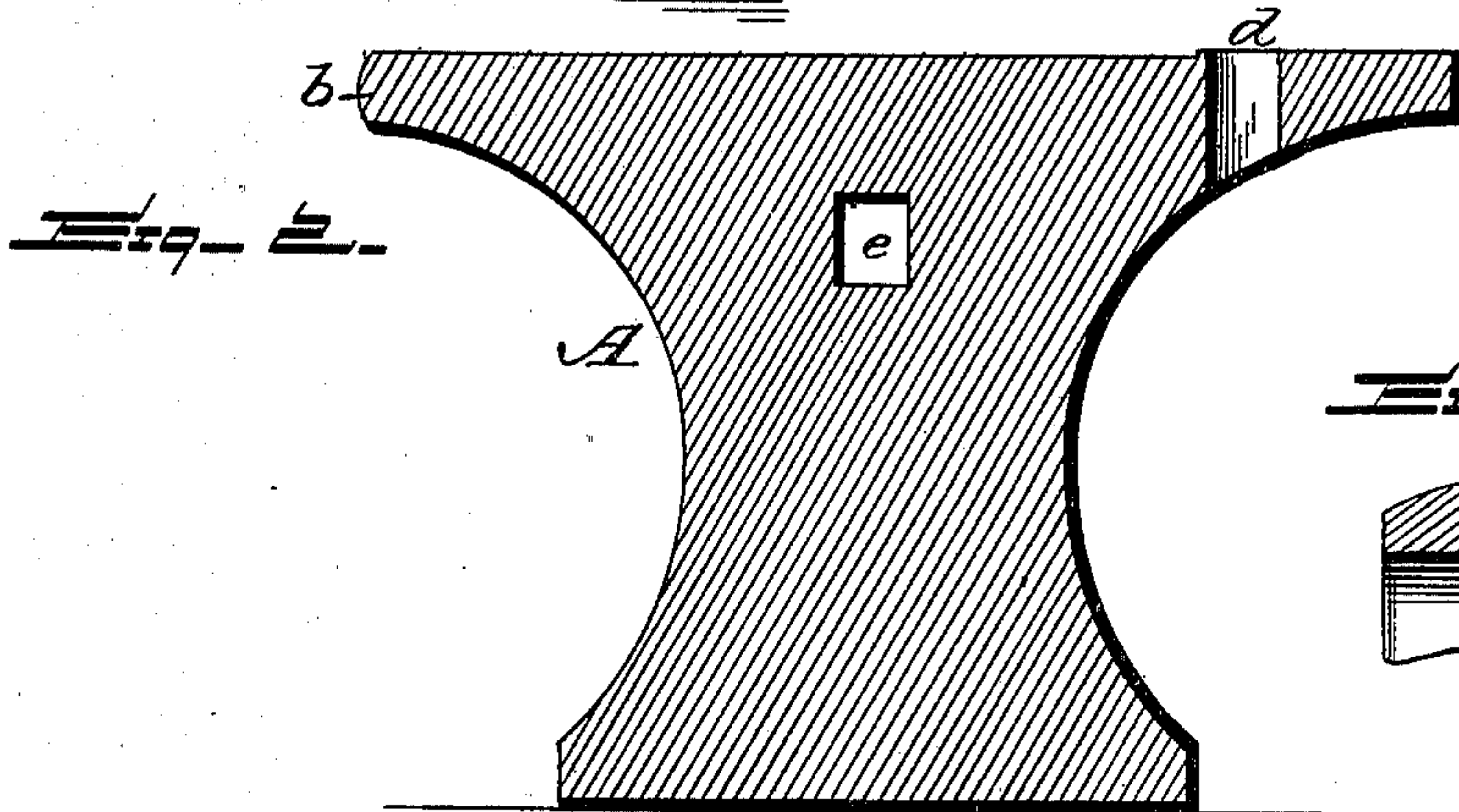
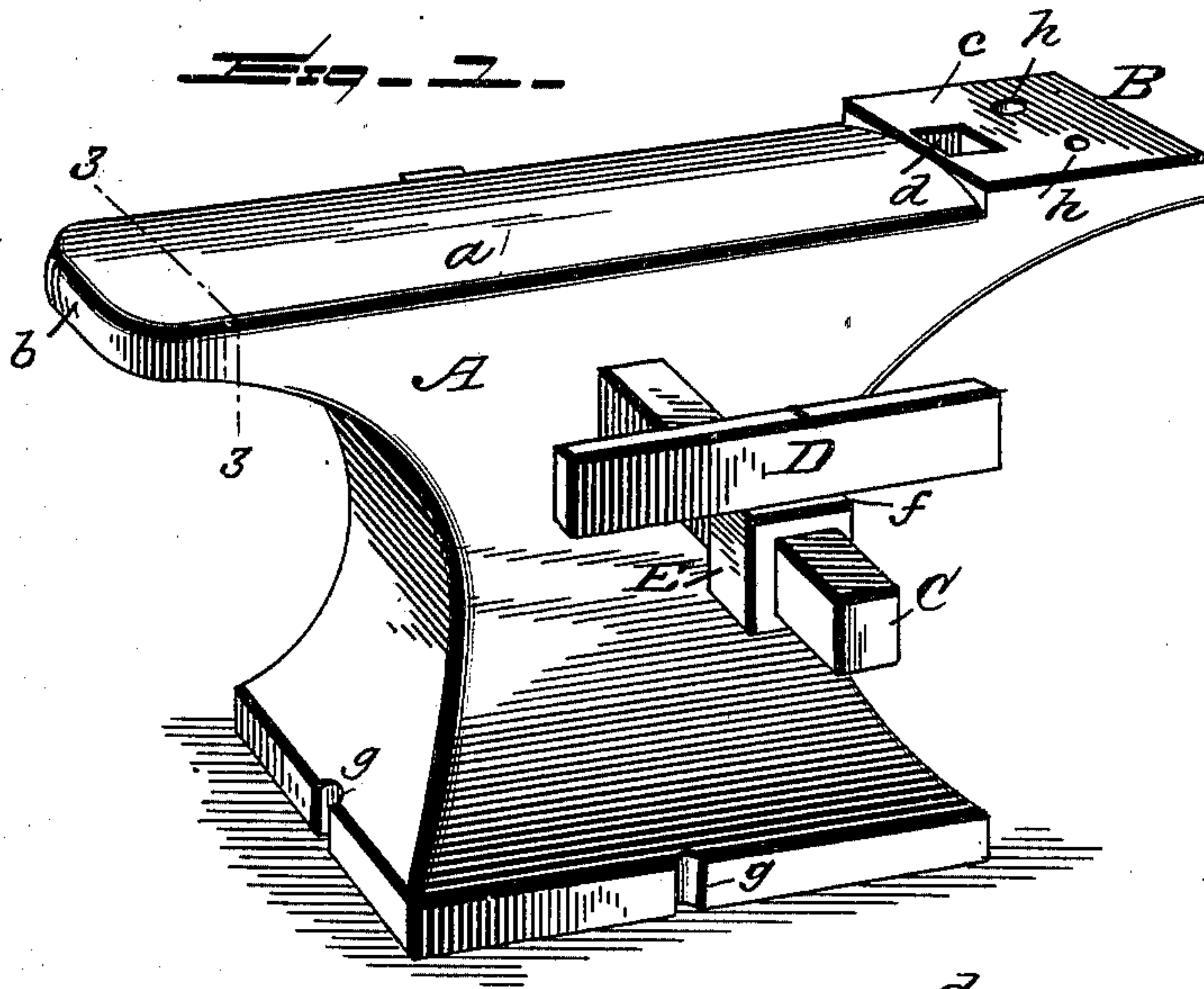
No. 672,580.

Patented Apr. 23, 1901.

O. P. WILCOX.  
ANVIL.

(Application filed Jan. 19, 1901.)

(No Model.)



WITNESSES:  
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# UNITED STATES PATENT OFFICE.

ORLANDO P. WILCOX, OF MONTEITH, IOWA.

## ANVIL.

SPECIFICATION forming part of Letters Patent No. 672,580, dated April 23, 1901.

Application filed January 19, 1901. Serial No. 43,861. (No model.)

*To all whom it may concern:*

Be it known that I, ORLANDO P. WILCOX, a citizen of the United States, residing at Monteith, in the county of Guthrie and State of Iowa, have invented certain new and useful Improvements in Anvils; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters of reference marked thereon.

The present invention has for its object to provide a simple and effective anvil which will be especially adapted for holding up sickle or other bars while being welded or any other work needing and requiring a support while forging or working it on the face of the anvil. It is also particularly useful to plow makers and repairers in forming and perfecting through the medium of forging or hammering the shoes, moldboards of the plows, and also cultivator-shovels and seeder-points, and general repair-work and blacksmithing.

The invention consists in an anvil constructed substantially as shown in the drawings and hereinafter described and claimed.

Figure 1 of the drawings is a perspective view of an anvil constructed in accordance with my invention, showing the attachment applied thereto; Fig. 2, a longitudinal central section; Fig. 3, a cross-section through the end of the anvil to show the convex face thereof, taken on line 3 3 of Fig. 1; Fig. 4, a perspective view of the attachment to the anvil for supporting the work while being operated upon.

In the accompanying drawings, A represents the anvil, which is formed with a convex face *a*, thereby presenting a surface that will leave no marks or indentations on the face of the work resting thereon while being forged or hammered, thereby materially facilitating the working of the metal and rendering the anvil more serviceable for general uses.

In place of the usual horn to the anvil said anvil is provided or formed with a rounded bearing *b*, the absence of the horn allowing the concave surface of the plow to be applied thereto as well as on the convex surface of the anvil, the convex surface *a* of the anvil together with the rounded bearing *b* forming

together means by which the working of the metal is greatly facilitated.

The end of the anvil opposite to that of the rounded bearing *b* terminates in a flat support B, which flat surface *c* is above the plane of the convex surface *a* and on line therewith. The support B may have two or more holes *h* of varying sizes for convenience in punching holes through the metal by the usual tools employed for this purpose, the straight-sided hole *d* being of the usual construction to receive the ordinary anvil-tools when in position for use. The hole *e*, which extends horizontally and transversely through the body of the anvil, is to receive the supporting-bar C, which bar is in form to correspond with the form of the hole. The bar is adjustable in the hole, so that it may be brought out to the required distance, and upon this bar is the adjustable rest D for supporting and holding up the sickle or other bar while being worked upon the convex face of the anvil, and is considered particularly valuable to blacksmiths and others in working metal. The rest D when connected to the adjustable bar C is disposed transversely thereof, as shown, and is formed with a sleeve E to slip over the end of the bar to properly support the rest. This sleeve is integral with the rest, said sleeve being of greater width than the thickness of the adjustable bar C to form a wider bearing for the rest D, as shown at *f*. This increased width in the sleeve E is considered of material importance in forming a wide support for the rest D, the extension of the sleeve, as shown at *f*, forming a sufficiently-wide bearing to insure the stability and firmness of the rest upon the supporting-bar C. The sleeve with the rest may be used on either end of the supporting-bar and upon either side of the anvil, as found desirable, the bar and also the rest being of any desirable length and thickness, as found most practicable.

It is evident that there may be many changes or modifications in the anvil proper without departing from the principle of the invention, and any changes such as would come under ordinary mechanical skill may be resorted to without in any manner affecting the essential features of the invention.

The anvil may be provided with the usual



notches *g* for securing it to a block or other support by suitable spikes, or any means found most preferable may be employed for securing the anvil on a stationary foundation.

5 Having now fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. An anvil having a convex upper surface or face terminating at one end with a rounded  
10 bearing extension of equal width, and at the opposite end with a flat support, the surface thereof having holes or perforations and being on a plane above the convex surface of the anvil, substantially as and for the purpose  
15 set forth.

2. An anvil having an opening or hole extending horizontally through its body, and an attachment for the anvil comprising a supporting-bar engaging the opening or hole and  
20 adjustable therein and on either side of the anvil, and a rest extending transversely of the bar and adjustable thereon, substantially as and for the purpose described:

3. An anvil provided with a horizontal and adjustable supporting-bar, and a rest disposed  
25 transversely to said bar, the rest having integral therewith a sleeve of greater width than the thickness of the rest to form an extended bearing, the rest and sleeve being adjustable on the bar, substantially as and for  
30 the purpose specified.

4. An anvil having a convex upper surface or face and terminating in a rounded bearing extension at one end, a supporting-bar adjustablely connected to the anvil, and a trans-  
35 verse rest having a sleeve with extended bearing and adjustable on the bar, substantially as and for the purpose set forth.

In testimony that I claim the above I have hereunto subscribed my name in the presence  
40 of two witnesses.

ORLANDO P. WILCOX.

Witnesses:

A. D. LEMMON,  
A. B. GILLESPIE.