

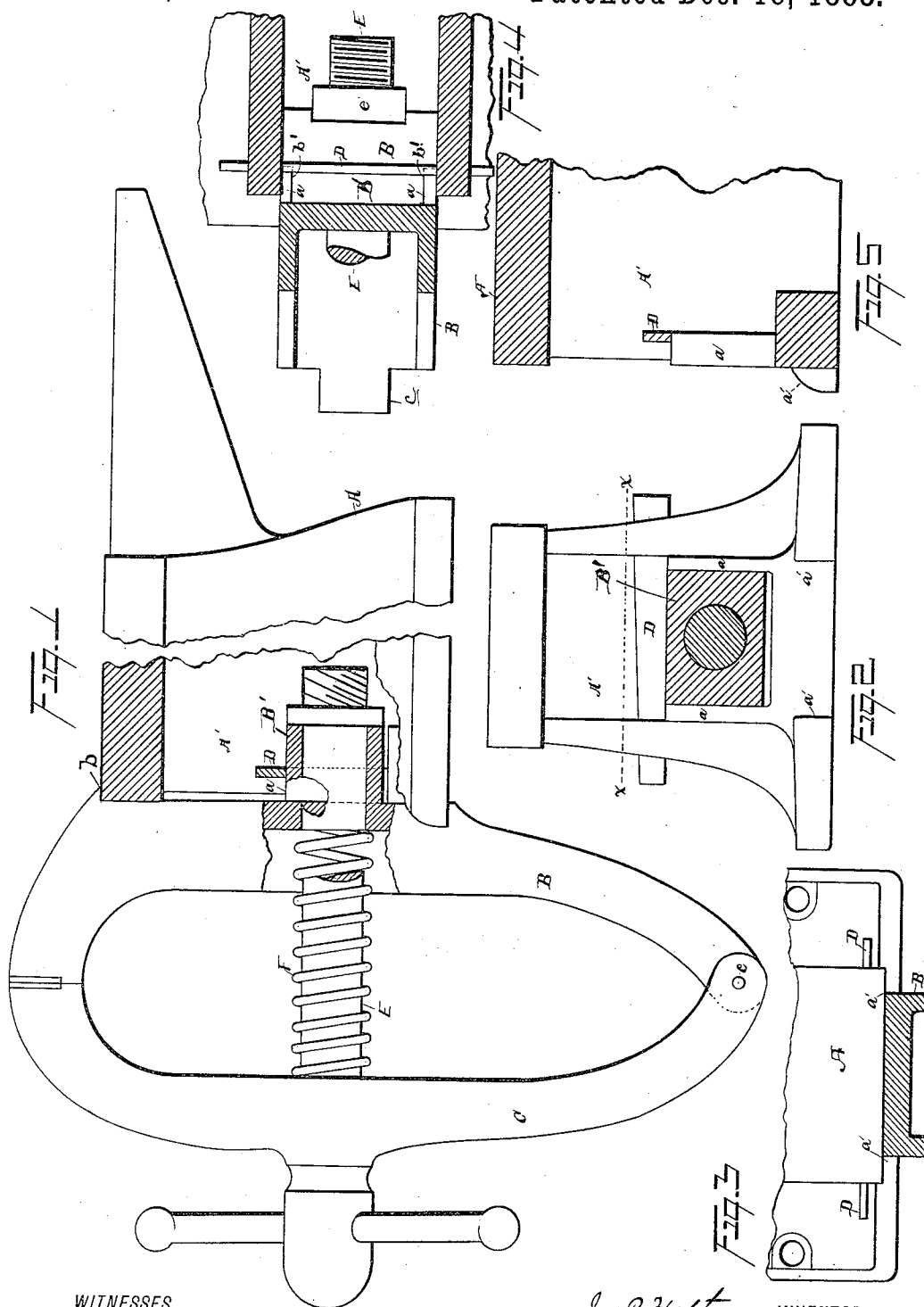
(No Model.)

J. P. HOLT.

ANVIL AND VISE ATTACHMENT.

No. 394,857.

Patented Dec. 18, 1888.



WITNESSES,
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UNITED STATES PATENT OFFICE.

JOHN P. HOLT, OF CLEVELAND, OHIO.

ANVIL AND VISE ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 394,857, dated December 18, 1888.

Application filed April 30, 1888. Serial No. 272,327. (No model.)

To all whom it may concern:

Be it known that I, JOHN P. HOLT, of Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful
5 Improvements in Anvil and Vise Attachments; 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 pertains to make
10 and use the same.

My invention relates to improvements in anvil and vise attachments; and it consists in certain features of construction, and in combination of parts hereinafter described, and
15 and pointed out in the claims.

In the accompanying drawings, Figure 1 is a side elevation, portions being broken away to show the construction and to reduce the size of the figure. Fig. 2 is a rear end elevation of the anvil, the vise having been removed. Fig. 3 is a plan of the rear portion of the anvil. Fig. 4 is a plan partly in section. Fig. 5 is an elevation in longitudinal section of the rear portion of the anvil.

25 A represents the anvil, the same having a longitudinal chamber, A'. The side walls of the anvil at the rear end thereof have internal vertical ribs *a*, located opposite each other across the chamber A', these ribs extending from the bottom part way up the
30 chamber, approximately as shown.

B and C are the jaws of the vise, these jaws being pivotally connected at *c*. Jaw B has an arm, B', integral therewith, this arm being
35 adapted to enter chamber A' above ribs *a*. Arm B' has vertical grooves or recesses *b'*, adapted to engage ribs *a* upon the depression of the vise to its normal or locked position after arm B' has entered chamber A'. In the
40 depressed position of the vise, lip or shoulder *b* of jaw B rests on the top of the anvil, and arm B' overlaps vertically ribs *a* some little distance. (See dotted lines, Fig. 1.) The ribs *a* stand out or project beyond the end
45 walls of the vise, so as to be in line with the anvil-top, (see Fig. 5,) and the flat surface of jaw B abuts these parts. (See Fig. 1.) Also jaw B fits in between shoulders *a'* of the base of the anvil, which prevents any lateral
50 movement of the jaws. The side walls of the anvil are pierced laterally for key D, the

latter, when the anvil is in its depressed or locked position, bearing upon the top side of arm B'. The vise, therefore, in its depressed or locked position is firmly held in place on the anvil. Screw E and spring F are constructed and arranged substantially as heretofore, the nut *e* of the screw being seated in a recess at the rear end of arm B', by means of which the nut is prevented from turning. 60 By removing key D and raising the anvil to free arm B' from ribs *a* the vise may be removed from the anvil.

What I claim is—

1. The combination, with anvil having longitudinal chamber and internal ribs, substantially as indicated, of vise having an arm adapted to enter such chamber above the said ribs, said arm having recesses adapted to engage and interlock with the ribs of the anvil when the vise is depressed to its normal position in the anvil, substantially as set forth. 70

2. The combination, with anvil and vise, the anvil having chamber and ribs and the vise having arms adapted to engage such ribs, substantially as indicated, of lip or shoulder of the vise, said lip or shoulder being adapted to engage the top of the anvil to support the vise in its normal or locked position, substantially as set forth. 80

3. The combination, with anvil and vise, substantially as indicated, of shoulders on the base of the anvil for embracing the contiguous jaws of the vise, substantially as set forth. 85

4. The combination, with anvil and vise, the anvil having chamber and internal ribs, and the vise having an arm adapted to enter such chamber and engage such ribs, of key 90 inserted in lateral holes in the anvil, said key bearing upon the arm of the vise when the latter is in its depressed or locked position, substantially as set forth.

In testimony whereof I sign this specification, in the presence of two witnesses, this 28th day of November, 1888. 95

JOHN P. HOLT.

Witnesses:

CHAS. H. DORER,
ALBERT E. LYNCH.