(No Model.)

J. W. BABBIT.

MACHINE FOR SHEARING METAL.

No. 262,724. Patented Aug. 15, 1882.

Fig. 1.

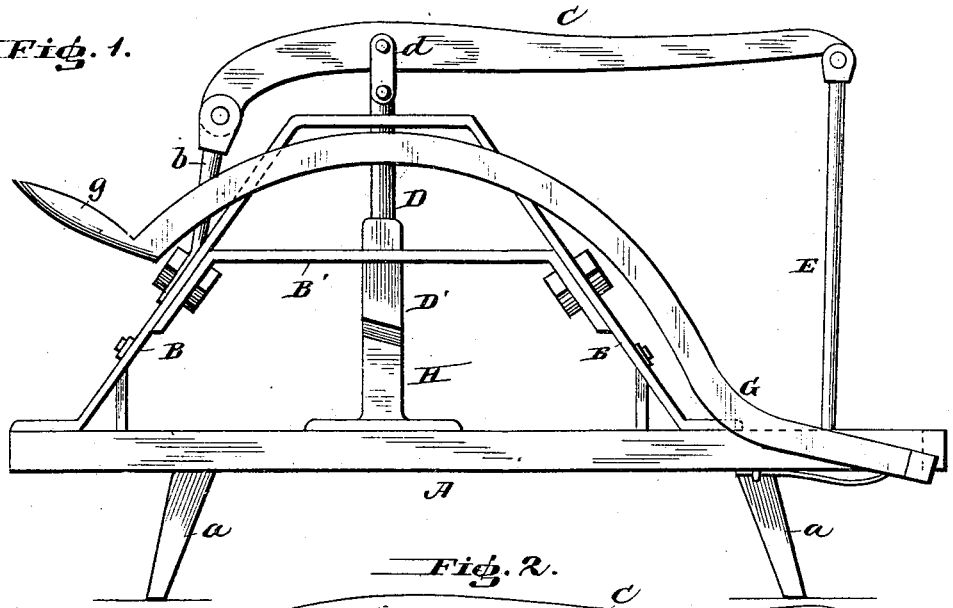


Fig. 2.

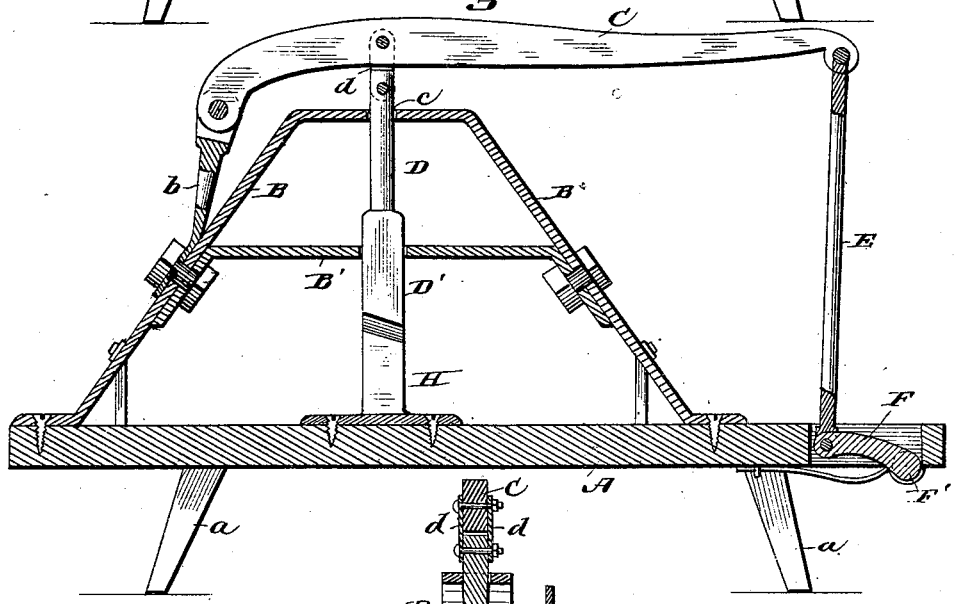
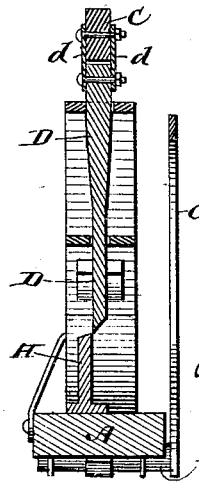


Fig. 3.



WITNESSES

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JOSEPH W. BABBIT, OF AROMA, INDIANA.

MACHINE FOR SHEARING METAL.

SPECIFICATION forming part of Letters Patent No. 262,724, dated August 15, 1882.

Application filed January 27, 1882. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH W. BABBIT, of Aroma, in the county of Hamilton and State of Indiana, have invented certain new and useful Improvements in Machines for Shearing Metal; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a side elevation. Fig. 2 is a longitudinal vertical section, and Fig. 3 is a transverse vertical section laid through the jaws of the machine.

Similar letters of reference indicate corresponding parts in all the figures.

My invention has relation to machines for cutting or shearing iron and other metal by hand-power; and it consists in an improved construction and combination of parts of a machine of that class, as hereinafter more fully set forth, and particularly pointed out in the claim.

In the drawings hereto annexed, A represents the bed or bench of the machine, which is supported upon legs *a a*, of suitable height.

B is an iron frame, suitably braced, in one end of which is an upright, *b*, in which the long lever C is hinged.

D is the shank of the upper jaw, D′, which is hinged to lever C at *d*, and works through an aperture, *c*, in the top of the frame, the jaw D′ at its lower end working through a rectangular aperture in the cross-brace B′ of the frame.

In the outer end of the lever C is hinged a rod, E, connecting it with a short arm, F, projecting from a shaft, F′, which has its bearings in a slot or mortise made in the bench A. In the projecting outer end of said shaft is secured a curved lever, G, which has a handle, *g*, at its free end for operating it. H is the lower stationary jaw of the machine.

From the foregoing description, taken in connection with the drawings, the operation of my machine will readily be understood. The iron or other metal to be cut is placed between the jaws D′ and H, which are separated by raising the handle-lever G, and by bringing down said lever the jaws are brought together, cutting whatever is placed between them. By curving or arching lever G, as shown, it will not, when brought down, be in the way of the metal placed between the jaws, as would be the case with a straight lever.

It is obvious that a punch may be substituted for the shears or cutters D′ H, for punching iron or other metal, without departing from the spirit of my invention.

I claim and desire to secure by Letters Patent of the United States—

The combination of the frame B, having upright *b*, lever C, connecting-rod E, shaft F′, having arm F, curved lever G, stationary jaw H, and movable jaw D′, the shank D of which is hinged in lever C, substantially as and for the purpose herein shown and specified.

In testimony that I claim the foregoing as my own I have hereunto affixed my signature in presence of two witnesses.

JOSEPH WALTER BABBIT.

Witnesses:

ROBT. R. COOPER,

JOHN W. BAKER.