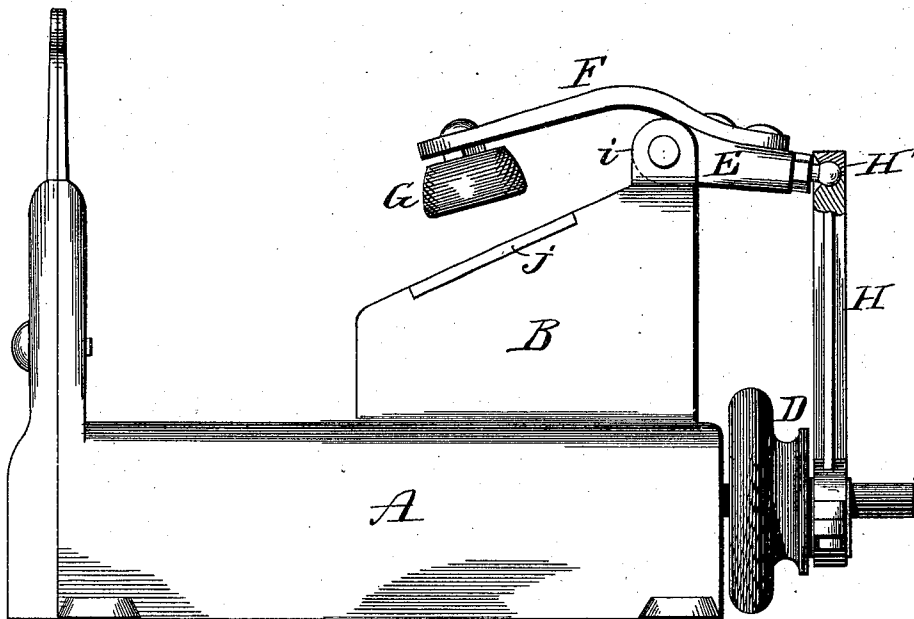


(No Model.)

P. W. MINOR.
MACHINE FOR HAMMERING LEATHER.

No. 486,194.

Patented Nov. 15, 1892.



Witnesses

E. S. Nottingham
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UNITED STATES PATENT OFFICE.

PETER W. MINOR, OF SPRINGVILLE, NEW YORK.

MACHINE FOR HAMMERING LEATHER.

SPECIFICATION forming part of Letters Patent No. 486,194, dated November 15, 1892.

Application filed July 24, 1891. Serial No. 400,613. (No model.)

To all whom it may concern:

Be it known that I, PETER W. MINOR, a resident of Springville, in the county of Erie and State of New York, have invented certain new
5 and useful Improvements in Machines for Hammering Leather; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable
10 others skilled in the art to which it appertains to make and use the same.

My invention relates to an improvement in machines for hammering leather; and it consists in certain novel features of construction
15 and combinations of parts as will be hereinafter described, and pointed out in the claims.

The accompanying drawing is a view in side elevation of my improved hammering-machine.

A represents a hollow shell or base, on which
20 a solid anvil B is located, said anvil preferably having an inclined upper face, as shown in the drawing. Projecting upwardly from one end of the anvil B are ears *i*, between which an arm
25 E is pivoted and adapted to project rearwardly from said anvil. A steel spring arm or plate F is secured to the arm E and adapted to project over the anvil and is provided at its free end with a hammer G, of wood, rubber, or
30 other suitable material, the anvil being provided with a pounding-surface *j*, of leather, rubber, or other suitable material. To the free end of the arm E a pitman H is connected
35 by a ball-and-socket joint H', said pitman being connected at its other end to a crank-arm or eccentric on the pulley D. By this means

a hammering device will be produced by means of which the leather subjected to it will receive blows in quick succession, all of which blows will be uniform.

It is evident that slight changes might be
40 made in the details of construction without departing from the spirit of my invention or limiting its scope. Hence I do not wish to limit myself to the precise details of construction herein set forth; but,
45

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

1. In a leather-hammering machine, the combination, with an anvil, of an arm fulcrumed in proximity to the anvil, said arm
50 having a hammer thereon, and a pitman permanently connected with the arm for imparting a positive vibratory motion thereto, substantially as set forth.

2. In a leather-hammering machine, the combination, with an anvil having an inclining upper face, of a spring-arm fulcrumed in proximity to the anvil and having a hammer
60 on one end, a drive-crank, and a pitman extending from the drive-crank to the spring-arm, whereby positive motion is imparted to the hammer, substantially as set forth.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

PETER W. MINOR.

Witnesses:

F. W. LELAND,
H. W. TANNER.