J. H. HUSSEY.

Machine for Beating Leather.

No. 168,256. Patented Sept. 28, 1875.

Fig. 1.

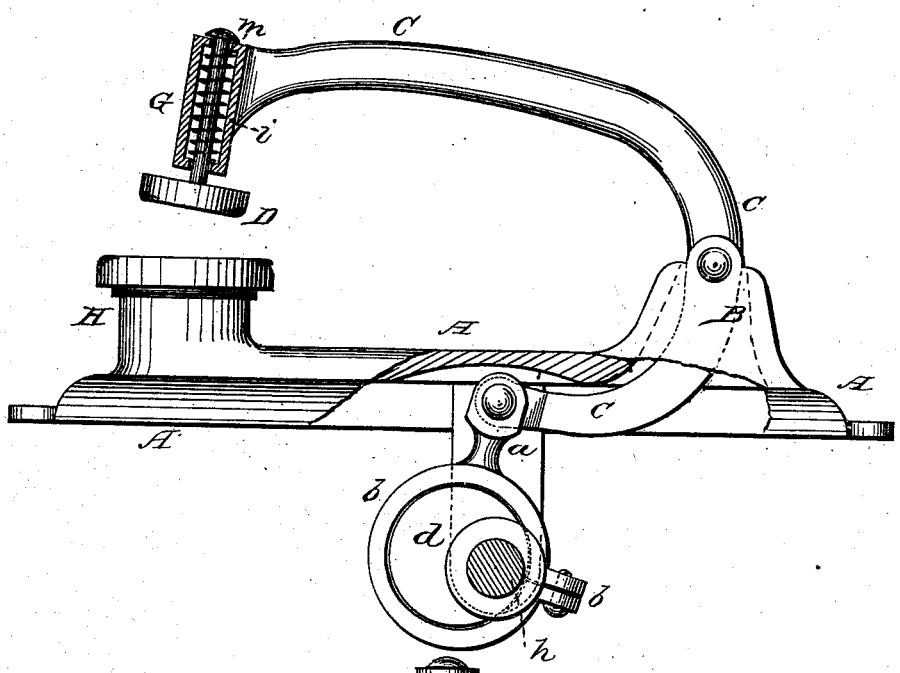
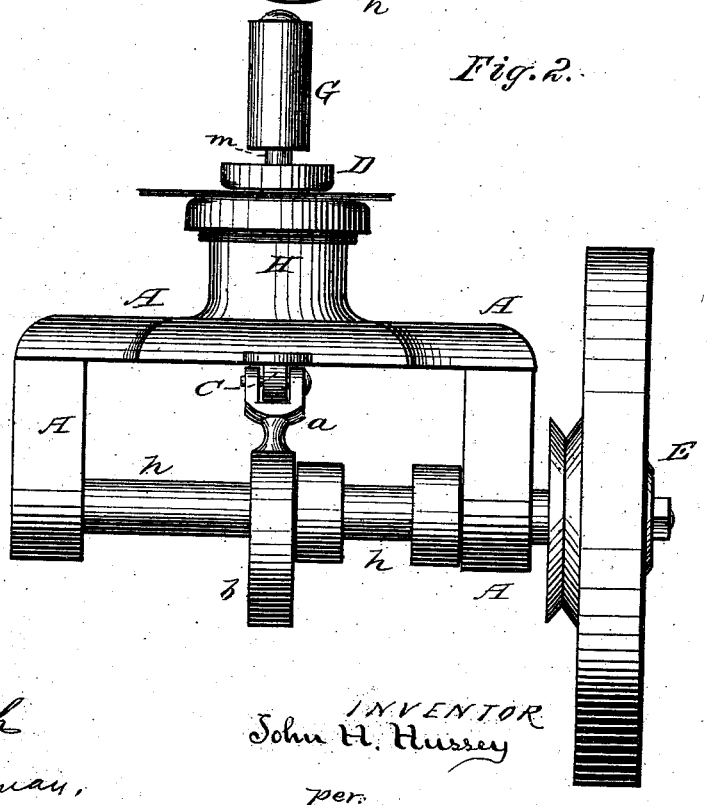


Fig. 2.



WITNESSES:

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UNITED STATES PATENT OFFICE.

JOHN H. HUSSEY, OF BALTIMORE, MARYLAND, ASSIGNOR TO ABRAHAM S. ADLER, LEWIS P. URIEL, JAMES CLEMENT, AND JOHN H. HUSSEY, OF SAME PLACE.

IMPROVEMENT IN MACHINES FOR BEATING LEATHER.

Specification forming part of Letters Patent No. **168,256**, dated September 28, 1875; application filed September 11, 1875.

To all whom it may concern:

Be it known that I, JOHN HERD HUSSEY, of Baltimore, in the county of Baltimore and State of Maryland, have invented certain new and useful Improvements in Machine for Beating Leather; and I do hereby declare that the following is a full, clear, and exact description thereof, 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, and to the letters of reference marked thereon, which form a part of this specification.

This invention relates to machines for hammering leather, &c., having for its object to improve the construction of the same by simplifying the manufacture of the machine; and it consists in the peculiar construction and arrangement of the same, as will be hereinafter more fully set forth.

In the annexed drawing, Figure 1 is a side elevation, partly in section. Fig. 2 is a front elevation.

A represents the bed-plate of my machine, at the rear end of which, on top, are suitable ears or projections B B. Between these ears is pivoted a rocking lever, C, the lower end of which passes down through a slot in the bed-plate, and extends forward for a suitable distance. This end of the rocking lever is pivoted to an arm, *a*, projecting from a band or sleeve, *b*, which surrounds an eccentric, *d*, secured upon the driving-shaft *h*. The shaft *h* has its bearings in suitable hangers under the bed-plate, A, and is provided with a fly-wheel, E, as well as a suitable pulley for connection with the operating mechanism. The shaft *h* may be rotated by means of a treadle, or otherwise, as desired, and by its rotation the lever C obtains a rocking motion. The upper part of the lever C extends forward to nearly over the front end of the bed-plate, and forms a vertical tube, G, at its extreme end. Through this tube is passed a rod, *m*, with a head upon its upper end, and a spiral spring, *i*, surrounding the rod within the tube. To the lower end of the rod *m* is secured the hammer D, made of circular or other suitable form. On the front end of the bed-plate, directly below the hammer, is formed or secured an anvil, H. The machine being in operation, the leather is placed on the anvil H, so that the hammer D will strike the seam and hammer the same flat, the hammer yielding for each blow on account of the spring *i*.

Heretofore the usual way has been to hammer the seams by hand, and then to pass the leather between rollers, which process is often liable to make the seam faulty; but with my invention the seam is flattened perfectly, and with great ease and rapidity.

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

1. The combination of the shaft *h*, eccentric *d*, sleeve *b*, rocking lever C, working in a slotted base, yielding hamm r D, and anvil H, all constructed and arranged substantially as and for the purpose described.

2. In a machine for hammering leather, the combination of the rocking lever C, provided with a vertical tube extending through its front, with the spring *i*, yielding hammer D, and anvil H, all constructed substantially as and for the purpose specified.

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

JOHN H. HUSSEY.

Witnesses:

ABR. S. ADLER,

P. H. BENNER.