

J. HYSLOP, Jr.

Machine for Making Metal Shoe-Shanks.

No. 159,577.

Patented Feb. 9, 1875.

Fig. 1.

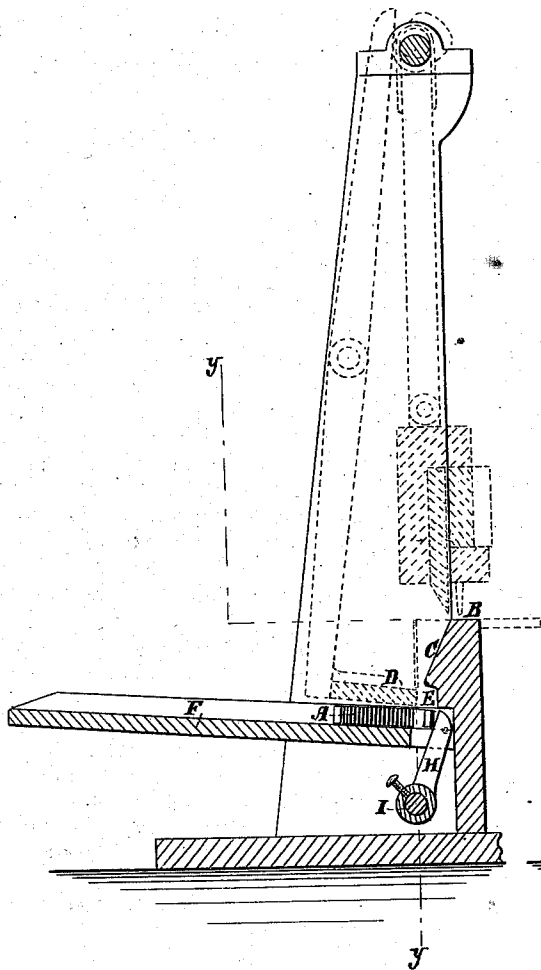
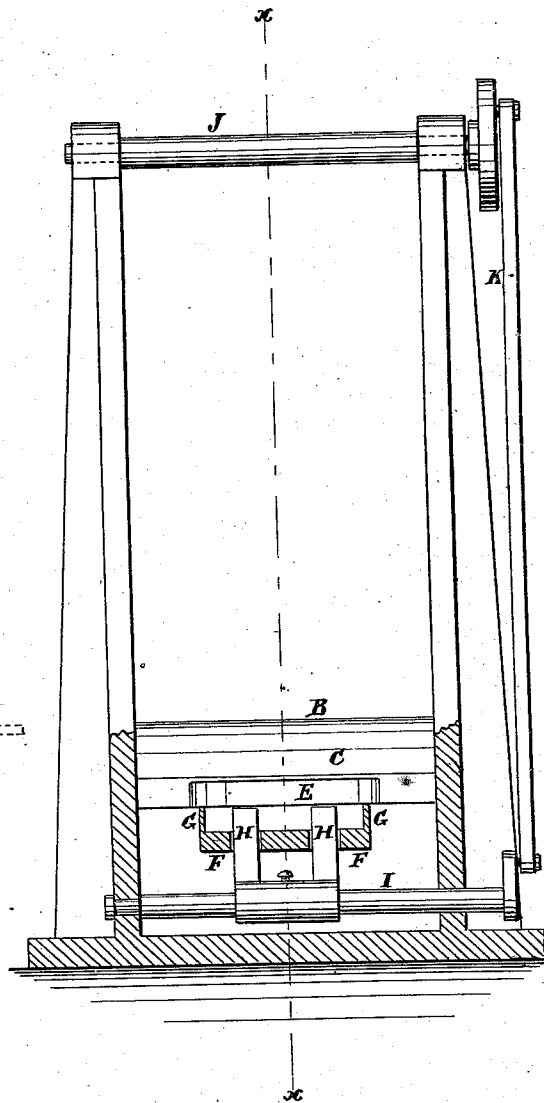


Fig. 2.



WITNESSES:

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UNITED STATES PATENT OFFICE.

JOHN HYSLOP, JR., OF ABINGTON, MASSACHUSETTS, ASSIGNOR TO HIRAM H. JENKINS AND GEORGE O. JENKINS, OF SAME PLACE.

IMPROVEMENT IN MACHINES FOR MAKING METAL SHOE-SHANKS.

Specification forming part of Letters Patent No. **159,577**, dated February 9, 1875; application filed December 19, 1874.

To all whom it may concern:

Be it known that I, JOHN HYSLOP, Jr., of Abington, Plymouth county, Massachusetts, have invented a new and useful Improvement in Machine for Making Metal Shoe-Shanks, of which the following is a specification:

The invention will first be fully described, and then pointed out in the claim.

Figure 1 is a sectional elevation of the machine on the line *x x*, Fig. 2; and Fig. 2 is a sectional elevation on the line *y y*, Fig. 1.

Similar letters of reference indicate corresponding parts.

The shanks A are cut off from a sheet fed on the stationary block B, and fall down the stationary incline C in front of the stationary former E, where they are held by suitable means until the movable former D comes forward and presses them against former E to produce the requisite shape.

From these formers the shanks are in the machines now in use allowed to fall to the floor in a pile, to be picked up from time to time and arranged in regular order for packing.

To save the labor of arranging them by hand, I now propose to provide the table F with raised sides G directly below the forming-dies, to receive them on the edge in the

same position as they are in the formers, and directly behind the point where they fall. I have a couple of pushers, H, to move forward after each one falls, and push it, together with the previously-fallen ones, forward along the table side by side in the order represented at A, so that they may be taken off in batches in such order from time to time.

In this case I have arranged the pushers in the form of arms on the rock-shaft I under the table, and connected the shaft by rod K with the shaft J, by which the other parts of the machine are worked; but it is obvious that they may be worked by different mechanism, if it may be preferred.

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

As an improvement in machines for cutting and bending metallic shoe-shanks, the combination, with the forming-die E, of flanged table F and vibrating arms H, fastened to a shaft, I, oscillated by mechanism, substantially as described, as and for the purpose set forth.

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Witnesses:

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