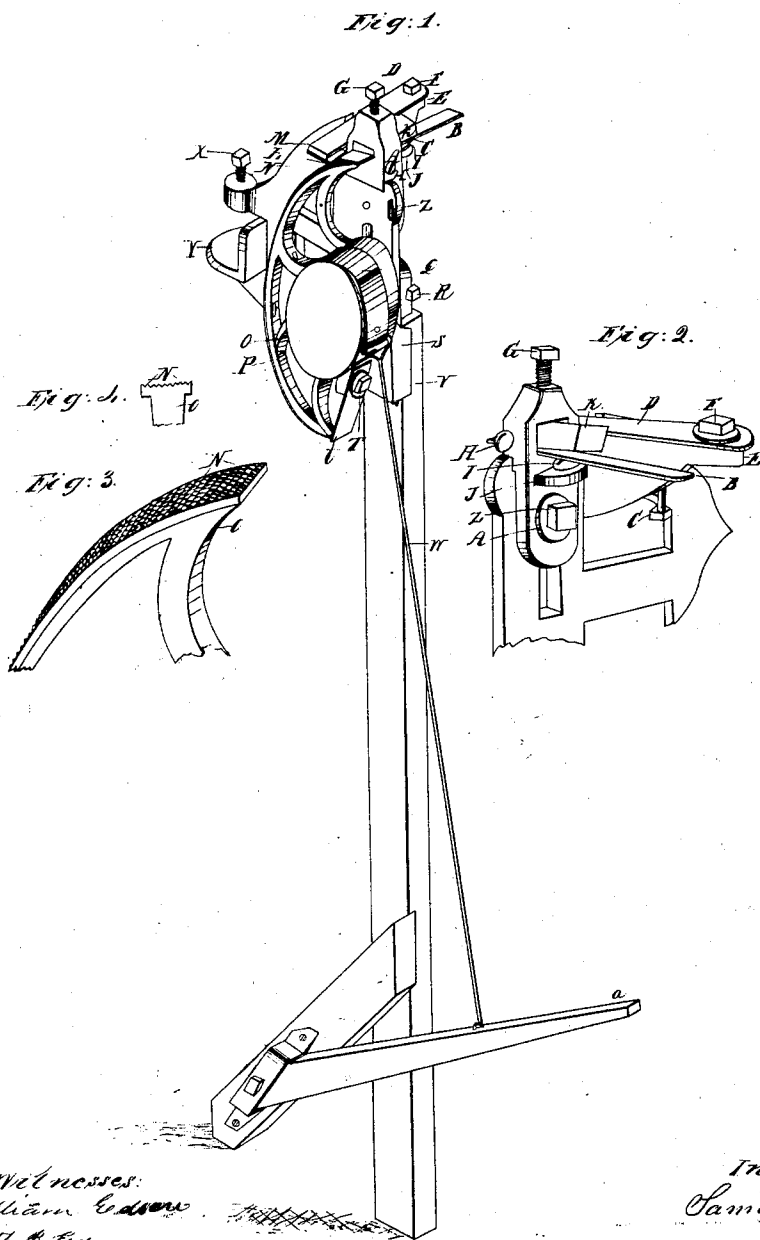


*S Keen,
Shaving Leather.*

N^o 30,736.

Patented Nov. 27, 1860.



*Witnesses:
William Adams
G. B. Adams*

*Inventor:
Samuel Keen*

UNITED STATES PATENT OFFICE.

SAMUEL KEEN, OF EAST BRIDGEWATER, MASSACHUSETTS.

MACHINE FOR SKIVING LEATHER.

Specification of Letters Patent No. 30,736, dated November 27, 1860.

To all whom it may concern:

Be it known that I, SAMUEL KEEN, of East Bridgewater, in the county of Plymouth, in the State of Massachusetts, have invented a new and useful Improvement on a Machine for Skiving Leather; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, in which—

Figure 1, represents the entire machine in perspective; Fig. 2, the knife and spring, and the arrangement for fastening and adjusting the same. Wherever letters are used and no figure is referred to, Fig. 1, is to be understood. Fig. 3, is a portion of the reciprocating feed segment, and Fig. 4, a section of the periphery of the feed segment.

Similar letters refer to similar parts. Referring to Fig. 1, S, main casting to which the several parts of the machine are made fast; P, drum, forming the center or axis of the feed segment, O; N, Figs. 1, 3, and 4, notched periphery of feed segment; B, L, knife; D, M, spring; A, movable frame into which the knife is held by means of the screws, H, and G, and the wedge, K; Z, screw and washers, by means of which the frame, A, is held in position; I, adjusting screw, by means of which the knife is made to skive at any desired bevel; Y, lips

by which, together with the screw, X, the machine is conveniently fixed to a permanent bench or shelf; U, spring to stop the feed segment from revolving past the knife, in its return motion; Q, leather strap passing around the drum, P, and connected one end to the drum and the other, to the rod, W; a, treadle, by the action of which the feed segment is made to revolve in the direction of the arrow, b. The ground surface of the periphery of the feed segment, may be slightly concave in its cross section, as shown in Fig. 4. Within the drum, P, a coiled spring is fixed for the purpose of throwing back the feed segment against the spring, U.

Operation: Place the end of the piece of leather, to be operated upon, between the spring, M, and notched surface of the feed segment, N. Then, by means of the treadle, a, revolve the feed segment, in the direction of the arrow, b. This will cause the leather to be forced against the sharp edge, L, of the knife, and to be skived or split as desired.

I claim—

The application and arrangement of the reciprocating feed segment N, O, P, substantially as, and for, the purpose set forth.

SAMUEL KEEN.

Witnesses:

W. E. JEWELL,
FRANKLIN KEITH.