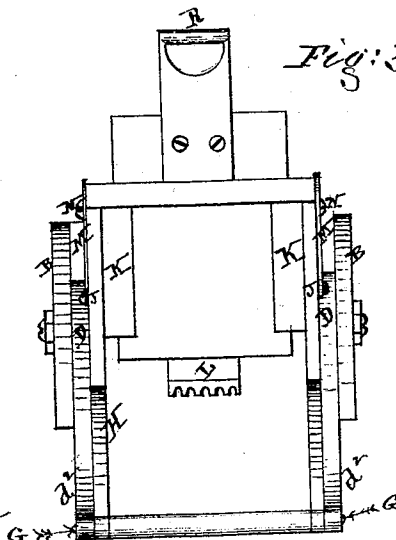
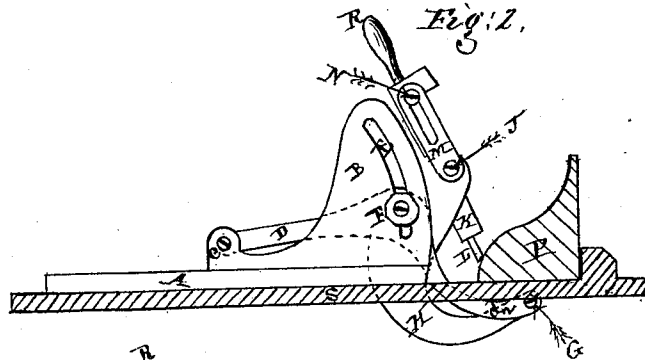
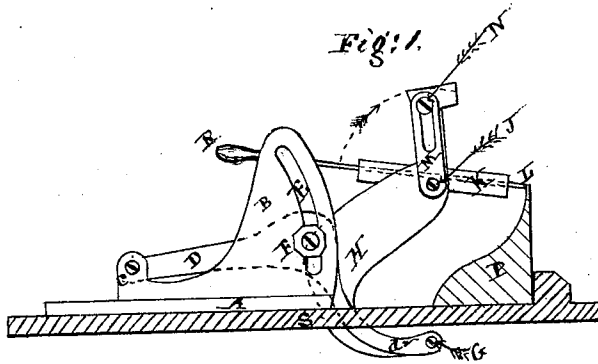


R Van Riper.

Moulding Wood.

No. 105,145.

Patented July 5, 1870.



Witnesses
John Anderson
Franklin Barritt

Inventor
Richard Van Riper

United States Patent Office.

RICHARD VAN RIPER, OF BROOKLYN, NEW YORK.

Letters Patent No. 105,145, dated July 5, 1870.

IMPROVEMENT IN MACHINE FOR FLUTING MOLDINGS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, RICHARD VAN RIPER, of Brooklyn, Kings county, State of New York, have invented certain new and useful Improvements in Mechanism for Fluting Ogee Moldings; and I do hereby declare that the following is a full description of the same.

The nature of my invention consists in combining the fluting-knife with a rocker frame, secured by center pins to adjusting levers, so that, by a continuous operation, the knife can be made to follow the curved outline of the ogee, and thus complete the fluting operation without removing the molding to another machine, as has been previously practiced to flute ogee moldings.

But, to describe my invention more particularly, I will refer to the accompanying drawing forming a part of this specification, the same letters of reference wherever they occur referring to like parts.

Figure 1 is a side view of the apparatus, showing the position of the fluting-knife at the commencement of the ogee, and, by the arrows, the motion of the knife to make the first half of the cut.

Figure 2 is a side view, showing the position of the knife at the end of the ogee, as carried down or back the last half of the cut by the rocker-frame.

Figure 3 is a front view of the apparatus.

Letter A represents the bed of the apparatus, made of any suitable material and size for the purposes required. To the upper side of the bed are secured two cheek-pieces, B; to the back end of the cheek-pieces are secured, by a center-pin, C, two adjusting levers, D, having their outer or front ends bent or curved down and outward, as shown at *A'*, so as to be below the level of the bed-board, and thus reach under the molding, and in contact with its under side.

For the purpose of adapting the ends of the adjusting levers to various sized moldings operated upon by the machine, slots E are cut in the cheek-pieces, and, by means of binding-screws, F, the arms or levers may be adjusted to fit moldings of any size.

To the outer ends of the adjusting levers is secured, by a center-pin, G, a rocker-frame, H, somewhat of

the shape of a figure 5. In the upper part of this rocker-frame, that is between the vertical sides of it, is secured upon a center-pin, J, the fluting-knife stock, K, in which operates the fluting-knife, L.

For the purpose of adjusting the set of the fluting-knife to the size of the molding and outline of the ogee, the cutter-stock center-pin J works in a slot in the rocker-frame, and, by means of an adjusting-plate, M, in which the center-pin J operates, on the outside of the vertical sides of the rocker-frame, and a binding-screw, N, the cutter-stock may be raised or lowered at pleasure, to cause the cutter to follow the curved outline of the ogee.

The operation of my invention is as follows:

The apparatus is first secured upon any suitable bench or table, S, in which a hole is cut for the rocker-frame to operate, and be below the molding, as represented by letter P. The molding is then securely held in its place, and the fluting-cutter set, as shown in fig. 1. The operator then, by means of the handle R, moving in the direction of the arrow, carries the point of the cutter along the first half of the outline of the ogee, or until the knife is parallel with the vertical sides of the rocker-frame. When it has arrived at this position, the operator still holding the handle R, to keep the knife-edge in contact with the ogee, moves the rocker-frame back, as shown in fig. 2.

By this operation the lower half of the ogee is fluted, and thus, by a single continuous operation, the curved line of the ogee is quickly and perfectly fluted.

Having now described my invention, I will proceed to set forth what I claim and desire to secure by Letters Patent of the United States.

I claim—

The combination of the levers D, made as described, with the rocker-frame H and adjustable cutter-stock K, all arranged and operating as hereinbefore set forth.

RICHARD VAN RIPER.

Witnesses:

JAS. HENDERSON,
FRANKLIN BARRITT.