

(No Model.)

R. E. LINHAM, Dec'd.

H. LINHAM, Executrix.
MOLDING CUTTER.

No. 452,310.

Patented May 12, 1891.

Fig. 1.

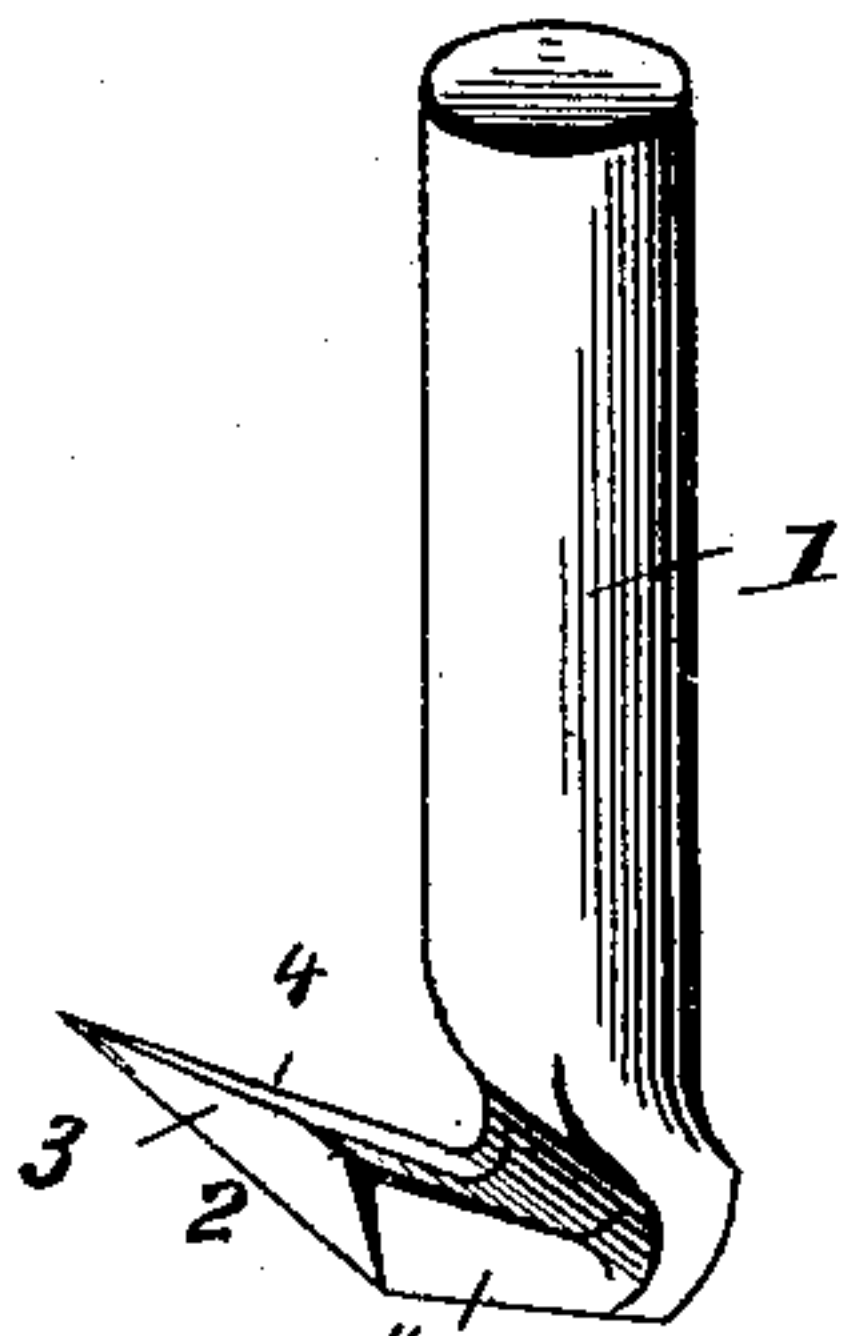


Fig. 2.

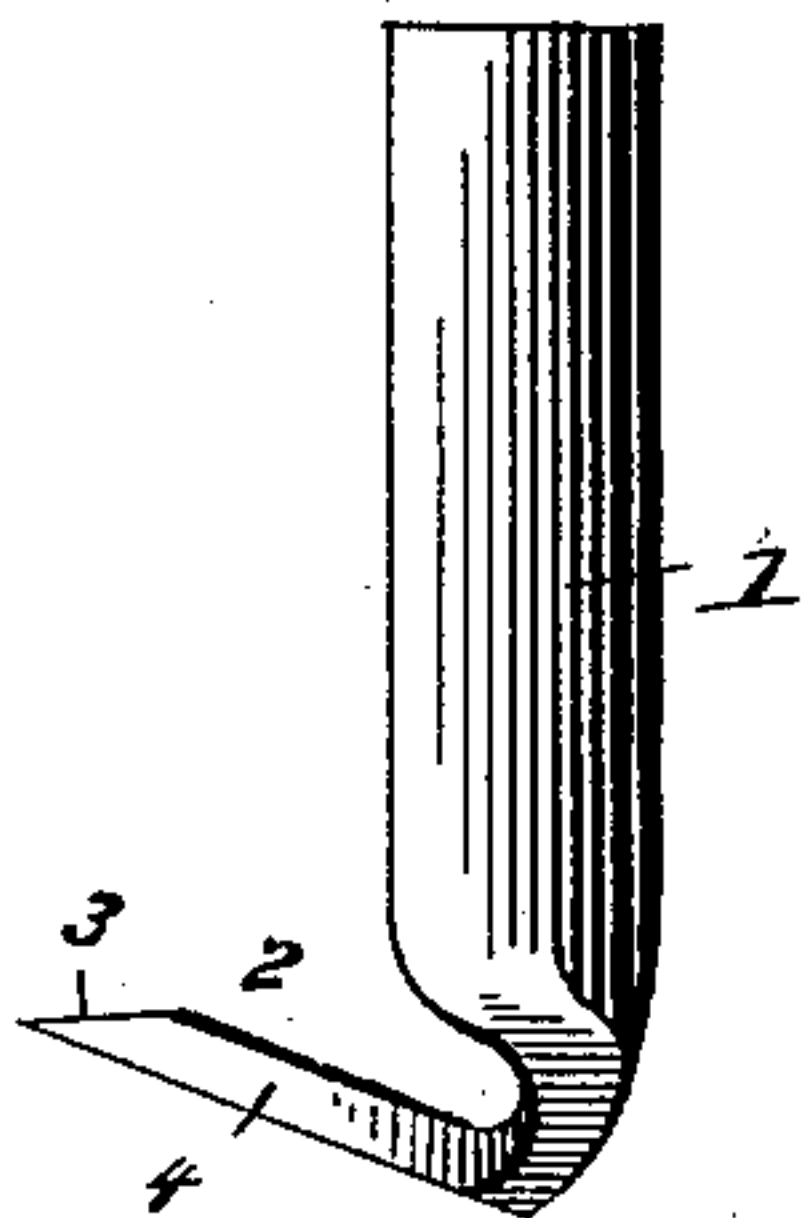
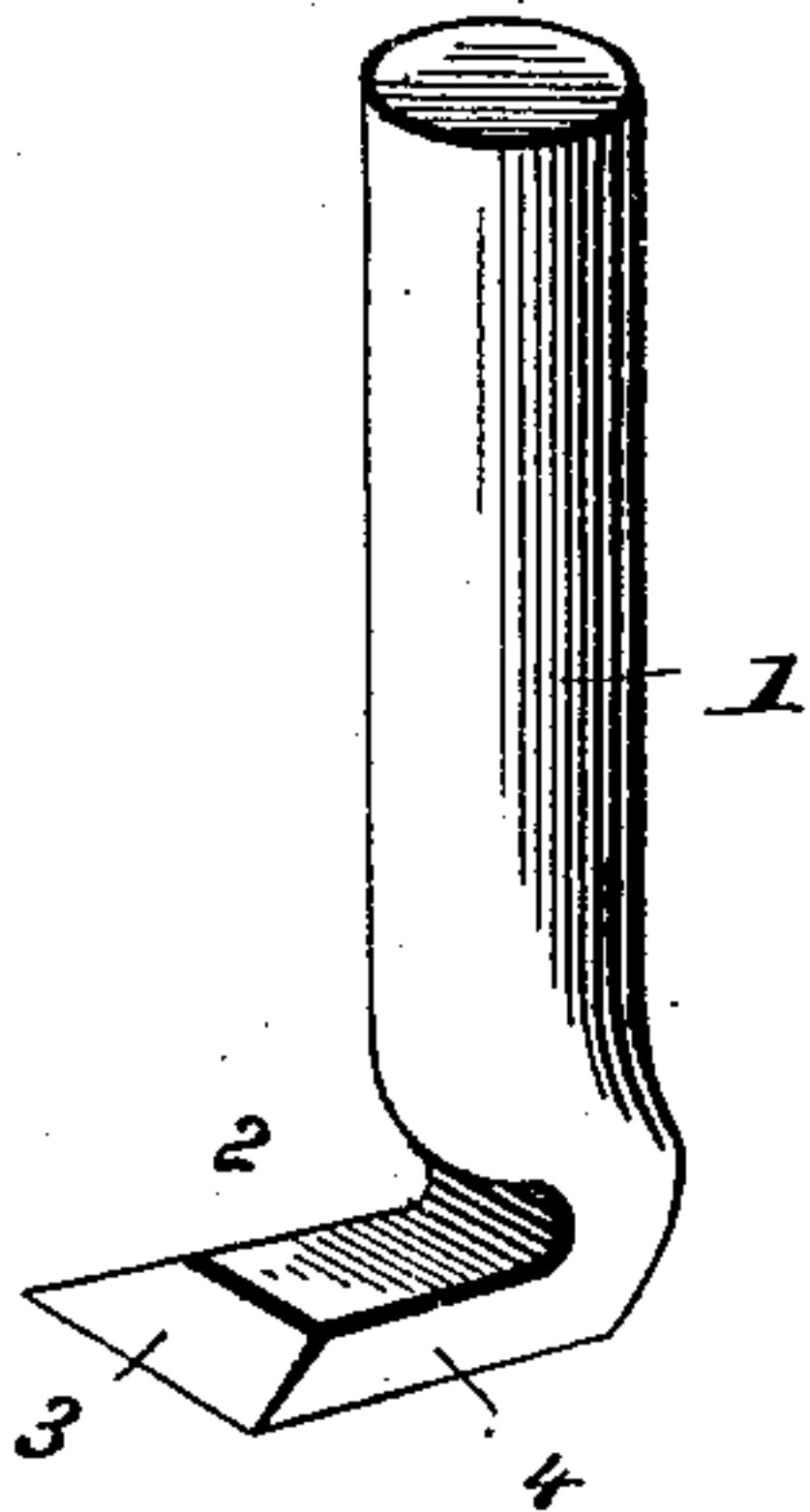


Fig. 3.



Witnesses:

Wm. A. Moore
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Robert E. Linham

Inventor:

By Thomas C. Parnas,

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UNITED STATES PATENT OFFICE.

ROBERT E. LINHAM, OF MANSFIELD, OHIO; HERMIE LINHAM, EXECUTRIX OF SAID ROBERT E. LINHAM, DECEASED, ASSIGNOR, BY MESNE ASSIGNMENTS, TO THE LINHAM DADO MACHINE COMPANY, OF SAME PLACE

MOLDING-CUTTER.

SPECIFICATION forming part of Letters Patent No. 452,310, dated May 12, 1891.

Application filed February 14, 1890. Serial No. 340,470. (No model.)

To all whom it may concern:

Be it known that I, ROBERT E. LINHAM, a citizen of the United States, residing at Mansfield, in the county of Richland and State of Ohio, have invented certain new and useful Improvements in Molding-Cutters; and I do declare the following to be a full, clear, and exact description of the invention, such as it appertains to make and use the same.

My present invention relates to an improved cutter for making moldings, which is more especially adapted for use in the cutter-head of a machine for which I have applied for a patent on the 14th day of February, 1890, Serial No. 340,466; and the object of my invention is to provide a cutter adapted to be used in connection with one or more cutters for imparting the desired configuration to the work.

With this end in view my invention consists of a cylindrical shank and a flat foot integral with the shank and arranged to project outwardly therefrom at an angle, the lower surface of the foot being smooth and polished to form the working-surface and the forward edge of the foot being beveled to a cutting-edge.

In the accompanying drawings, Figure 1 is a perspective view of my improved cutter. Fig. 2 is a side view thereof. Fig. 3 is a perspective view of a form of the cutter in which the blade is arranged at a right angle to the shank.

Like numerals of reference denote corresponding parts in both figures.

1 designates the cylindrical shank, and 2 the foot, which is made integral with the shank, the entire cutter being forged or made of a single piece of steel. The foot projects outwardly beyond the shank at an acute or right angle thereto, or at any desired angle, and the foot is made flat and substantially square or rectangular in outline. The front edge of the foot, which is most remote from the shank, is beveled to a cutting-edge 3, and the lower surface or under side of the foot is smooth and polished to form a working-surface.

In the cutter shown in Fig. 2 the foot is ar-

ranged nearly at right angles to the shank, and all three edges of the foot are beveled to provide a series of cutting-edges 4, whereby the cutter may be adjusted to face the work or approach it sidewise and operate thereon either from the right or left hand of the cutter head.

The cutter which forms the subject-matter of the present specification is more especially adapted for use in connection with one or more fanciful cutters. Thus the present cutter is arranged alongside of the fanciful cutter, and the latter operates to impart a head or groove to the wood, while the former operates to cut down the surface of the molding, as may be desired, in view of the nature and form of the cutter or cutters of the series on the cutter-head.

It will be seen that by reason of the shank being cylindrical and the rectangular flat foot having front and side cutting-edges that the shank can be adjusted to present either the front or side edges and produce different cuts, as is evident, which is an important feature and a great advantage.

It is obvious that the cutter of this specification may be adjusted in the cutter-head so as to plane off the surface parallel with unfinished surface of the work; or said cutter may be adjusted so that one of the angles or corners of the foot are presented to the work, in which event a groove or channel will be made in the molding.

Having thus described my invention, what I claim is—

The herein-described bit or cutter for the purpose named, consisting of the cylindrical shank, the flat rectangular foot arranged at an angle thereto, having the lower faces smooth and formed with a front and side cutting-edges, whereby the cylindrical shank may be adjusted to present either the front or side edges, as desired, substantially as described.

In testimony whereof I affix my signature in the presence of two witnesses.

ROBERT E. LINHAM.

Witnesses:

ABRAHAM SMALL,
J. C. LASER.