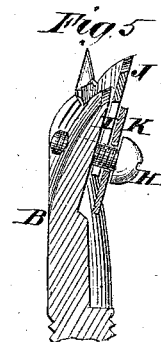
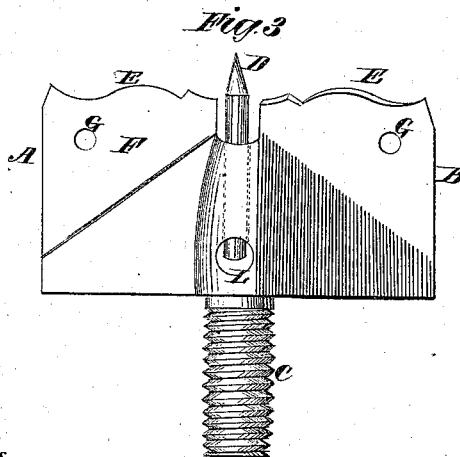
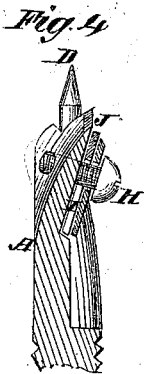
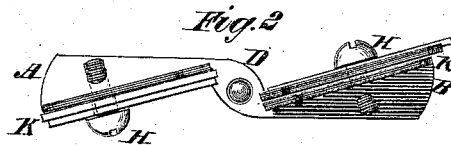
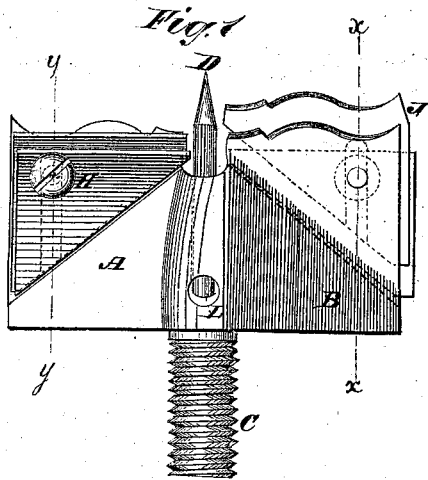


H. BUCHTER.  
Cutter-Heads.

No. 149,637.

Patented April 14, 1874.



WITNESSES.

*F. Mc Ardle,*  
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INVENTOR.

*H. Buchter*

BY

*Munroe*  
ATTORNEYS.

# UNITED STATES PATENT OFFICE.

HENRY BUCHTER, OF LOUISVILLE, KENTUCKY.

## IMPROVEMENT IN CUTTER-HEADS.

Specification forming part of Letters Patent No. **149,637**, dated April 14, 1874; application filed November 22, 1873.

*To all whom it may concern:*

Be it known that I, HENRY BUCHTER, of Louisville, Jefferson county and State of Kentucky, have invented a new and useful Improvement in Cutter-Heads, of which the following is a specification:

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

In the accompanying drawing, Figure 1 is a side view. Fig. 2 is an end view. Fig. 3 is a side view, showing the head without the removable cutter. Fig. 4 is a section of Fig. 1, taken on the line *yy*. Fig. 5 is a section taken on the line *xx*, Fig. 1.

Similar letters of reference indicate corresponding parts.

This machine consists of a head having two curved wings, A B, formed with a vertical shank, C, (for attaching to a mandrel or head-block of a lathe,) and having a removable center, D. These wings are arranged to receive extra cutters to vary the size and patterns and blank plates for balancing the extra cutters. E E represent the cutting-edges of the wings A B. These edges may be in any form so as to cut a rosette of any desired style when revolved on a lathe or mandrel. On each face-

side of the wings A B is a triangular-shaped flat surface, F, through which are holes G G, provided with screw-threads and screws H, for fastening on other cutters of triangular form, as seen in the drawing, for cutting rosettes of different diameter and form. These extra cutters are made with slots I, which allow them to be adjusted in a suitable manner for cutting. J represents the extra cutter. K are plates which are fastened on the opposite wing by the screw H (one or more) to balance the extra cutter. L is a hole, by means of which the center D is removed. Rosettes (or circular moldings) of any desired size and style may be cut with this machine in the most expeditious manner.

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

In rosette-cutters, a head constructed with extra cutters and balancing-weights, the same being held by the screws H, in the manner and for the purpose described.

HENRY BUCHTER.

Witnesses:

F. HENRY,  
HENRY PFEIFFER.