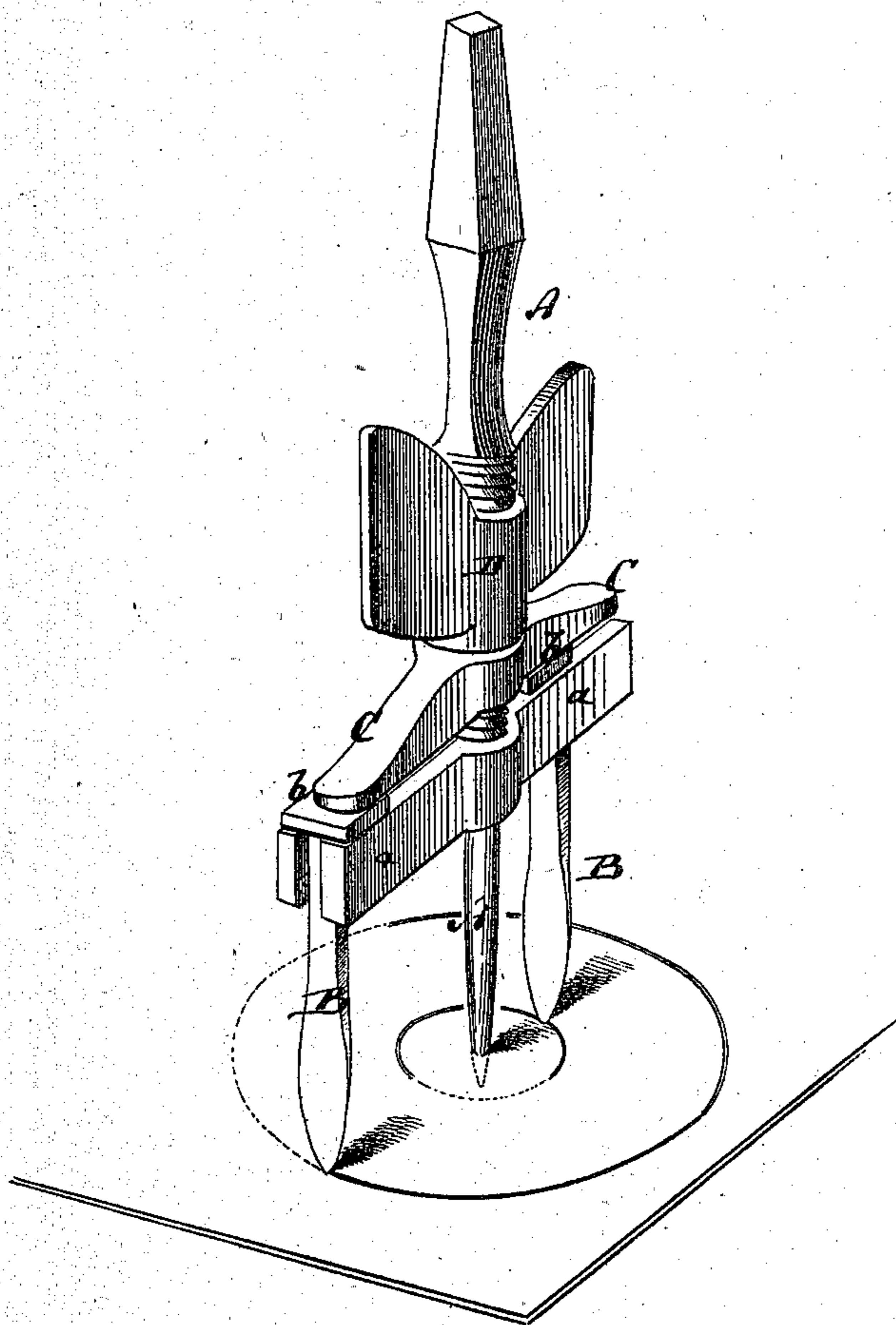


P. McCORMICK  
WASHER CUTTER.

No. 107,700.

Patented Sept. 27, 1870.



Witnesses:

*Sustare Duterich*  
*J. S. Mather*

Inventor:

*P. McCormick*

PER

*Wm. L.*  
Attorneys.

# United States Patent Office.

PATRICK McCORMICK, OF NEWARK, NEW JERSEY.

Letters Patent No. 107,700, dated September 27, 1870.

## IMPROVEMENT IN WASHER-CUTTERS.

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, PATRICK McCORMICK, of Newark, in the county of Essex and State of New Jersey, have invented a new and improved Washer-Cutter; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing forming part of this specification, in which—

The drawing represents a perspective view of my improved washer-cutter.

My invention relates to washer-cutters, and consists in certain improvements which will first be described in connection with all that is necessary to a full understanding thereof, and then clearly specified in claim.

A in the drawing represents the central pin or spindle of my improved washer-cutter.

The pin is the lower end of a shank, which is so shaped that it can readily be fitted into a suitable brace or handle.

From the pin A projects a slotted arm or arms, *a*, from which the cutters B B are suspended.

Each cutter B has a head, *b*, which rests on the

upper face of the arm *a*. In fact the cutters are shaped like nails, but with sharpened edges, as indicated. They can be fully adjusted in the arm *a* to be set at any desired distance from the pin A.

O is a vertically-adjustable cross-piece, fitted upon the shank A above the arms *a*, and held down by means of a nut, D, so as to clamp the cutters in the desired places.

The cutters can be adjusted in such manner that washers of suitable external and internal diameters can be cut. A suitable number of cutters can be arranged on one instrument.

Having thus described my invention,

I claim as new and desire to secure by Letters Patent—

The combination, with a shank-threaded centering-spindle, A, and flat-headed cutters *b* B of the vertically-slotted tool-holder *a* *a*, and centrally-threaded clamp O, as and for the purpose described.

PATRICK McCORMICK.

Witnesses:

WM. F. HENSLEY,  
JAS. STANBROUGH,  
HENRY DORNBACH.