

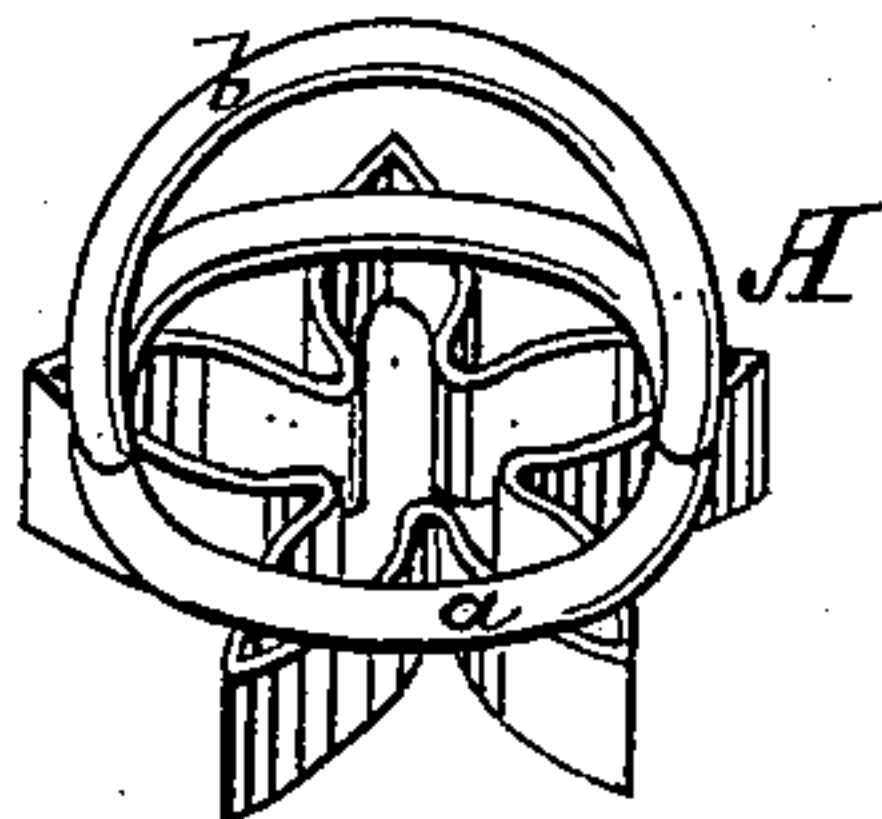
(No Model.)

W. BRUENING.  
Frame for Cutters.

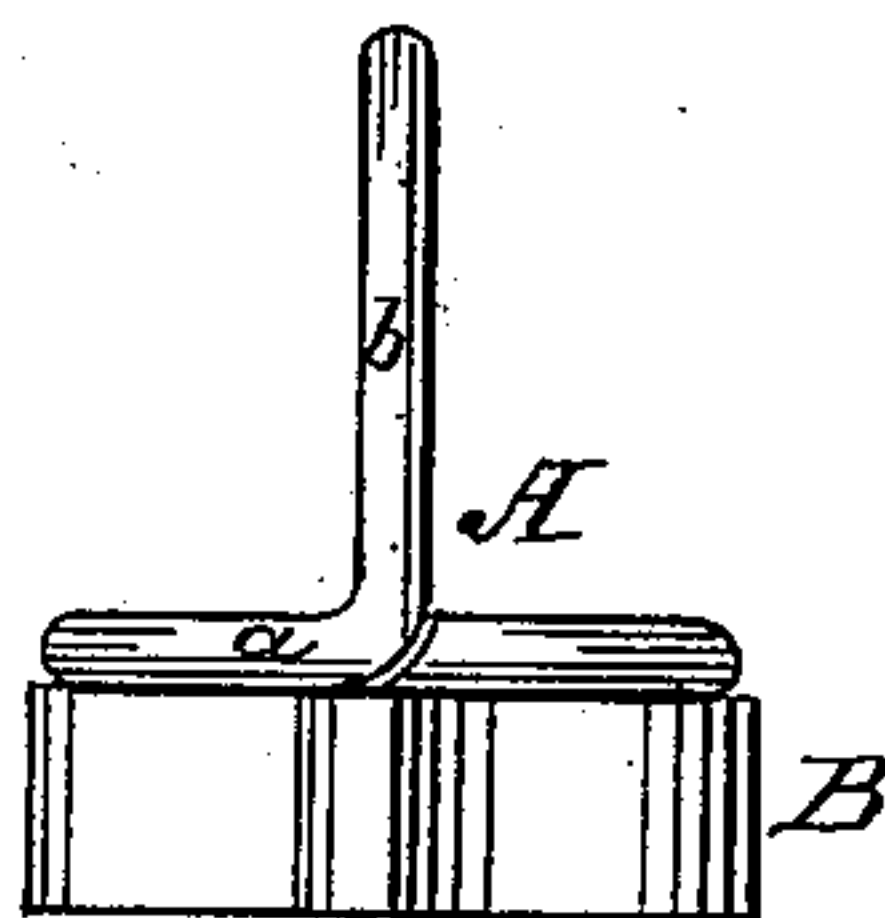
No. 241,292.

Patented May 10, 1881.

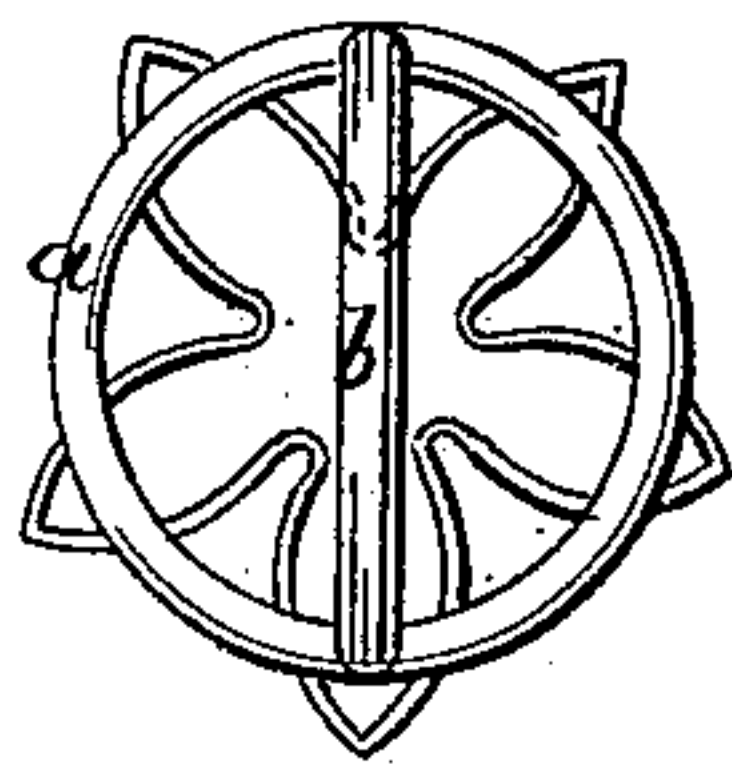
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



WITNESSES:

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# UNITED STATES PATENT OFFICE.

WILLIAM BRUENING, OF NEW YORK, N. Y.

## FRAME FOR CUTTERS.

SPECIFICATION forming part of Letters Patent No. 241,292, dated May 10, 1881.

Application filed April 14, 1881. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM BRUENING, a citizen of the United States, residing at New York city, in the county and State of New York, have invented new and useful Improvements in Frames for Cutters, of which the following is a specification.

Heretofore cutters for cutting various patterns from wax, dough, or other similar materials have been soldered to plates or tubes of tin or other metal; but this method of forming the backs is expensive, the sharp edges of the tin are liable to injure the hands, and the spaces for removal of the patterns are small.

The object of my invention is to make a cheap back and handle for cutters which has no sharp edges and leaves the largest possible central opening; and to this end my invention consists in making the backs and handles of cutters for cutting patterns from wax, dough, or other soft material of wire, by preference tinned wire.

My invention is illustrated by the accompanying drawings, in which Figure 1 is a perspective view of the back, together with the cutter; Fig. 2, an elevation; Fig. 3, a plan of the same.

Similar letters of reference refer to like parts in the several views.

B is the cutter, which may be of any desired shape.

A is the back-frame, made of one piece of stiff wire, by preference tinned wire. This wire A is bent in a circle, so as to form a ring, *a*, and is then turned up into a bail, *b*, the ends being soldered, so that the whole forms a strong structure without any sharp edges, and with a very large opening in the center. The cutter is soldered to the ring. One size of such back-frames will answer for a great variety of patterns of cutters. The bail may also be omitted and the ring alone used.

What I claim as my invention is—

1. A back-frame for a cutter, consisting of a bail and ring made out of one piece of wire, substantially as specified.

2. The combination of a cutter with a back-frame made of a single piece of wire, substantially as and for the purpose specified.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

WILLIAM BRUENING.

Witnesses:

ERNST BILHUBER,  
C. ENGELMANN.