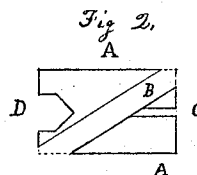
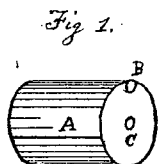


J. M. MASON.

Improvement in Needle-Sharpeners.

No. 129,673.

Patented July 23, 1872.



Witnesses,

W. H. Colby
Witness

Inventor.

John M. Mason

UNITED STATES PATENT OFFICE.

JOHN M. MASON, OF CHELSEA, MASSACHUSETTS.

IMPROVEMENT IN NEEDLE-SHARPENERS.

Specification forming part of Letters Patent No. 129,673, dated July 23, 1872.

Specification describing certain Improvements in Device for Sharpening Needles or other pointed articles, invented by JOHN M. MASON, of Chelsea, in the county of Suffolk and State of Massachusetts.

The nature and object of my invention consist in revolving a piece of solid emery, file, or other suitable material around the point to be sharpened, placed at a suitable angle to make the proper point.

Description of the Accompanying Drawing.

Figure 1 is a perspective view, showing my invention complete. Fig. 2 is a longitudinal section through the center with the sharpening material removed. Fig. 3 represents the form of a piece of solid emery to fit the hole B for sharpening points.

A represents a piece of metal of suitable form to contain the holes B, C, and D. I then make a hole in its center at C sufficiently large to insert the article to be pointed. I then make a hole, B, cutting across the hole C at such an

angle as to give the proper bevel, and of such size and form as to hold the sharpening material. The hole D is for the purpose of making suitable connection to the driving-power.

The operation of this device is, after being attached to its driving-power, to insert the needle or point to be sharpened in the hole C, holding it stationary and pressing it against the sharpening material until the proper point is formed.

I prefer flattening the material on the side that comes in contact with the points to be sharpened, as shown in Fig. 3, so that the piece to be sharpened may not catch and revolve with the device.

I claim—

The device herein specified, substantially as and for the purpose hereinbefore set forth.

JOHN M. MASON.

Witnesses:

W. H. COLBY,
ERASTUS RUGG.