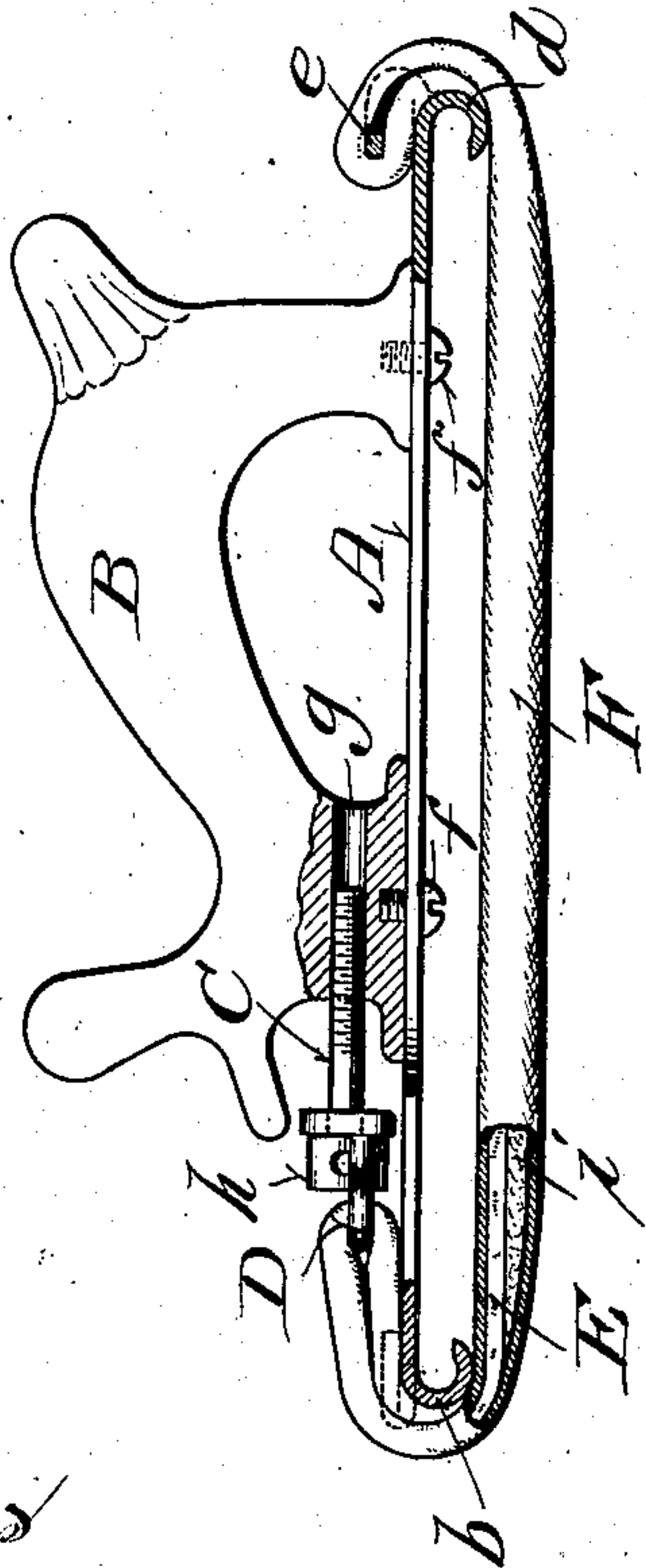


H. J. MILLER.  
POLISHING IMPLEMENT.  
APPLICATION FILED SEPT. 3, 1908.

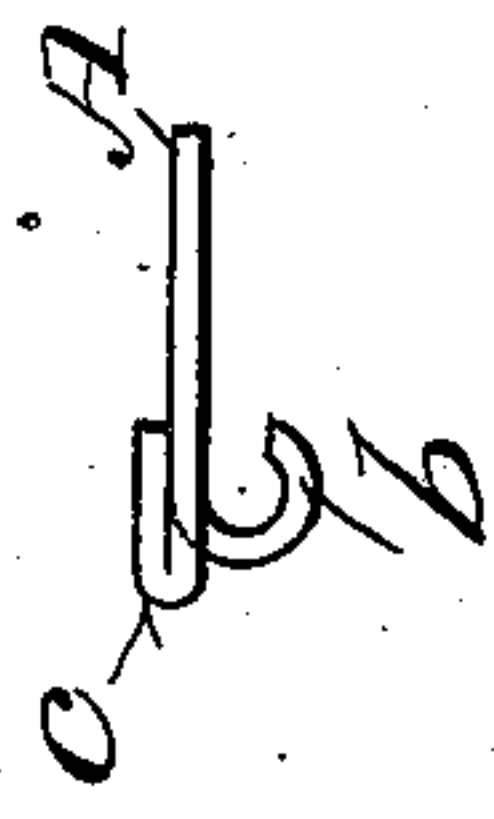
923,871.

Patented June 8, 1909.

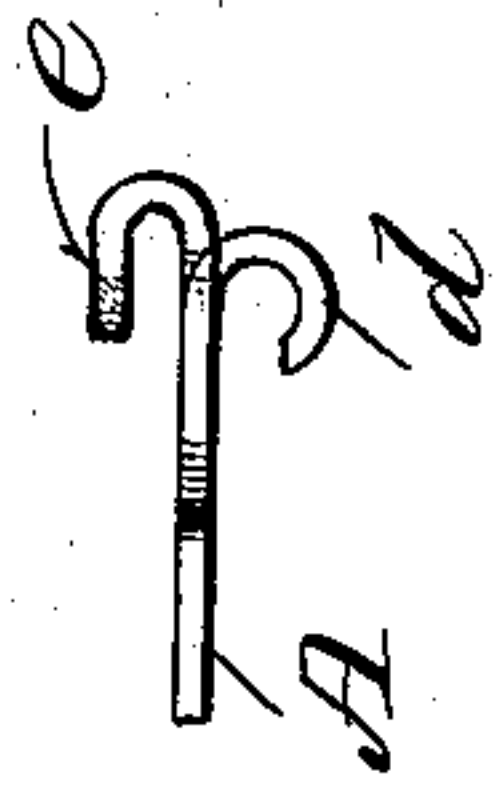
*Fig. 1.*



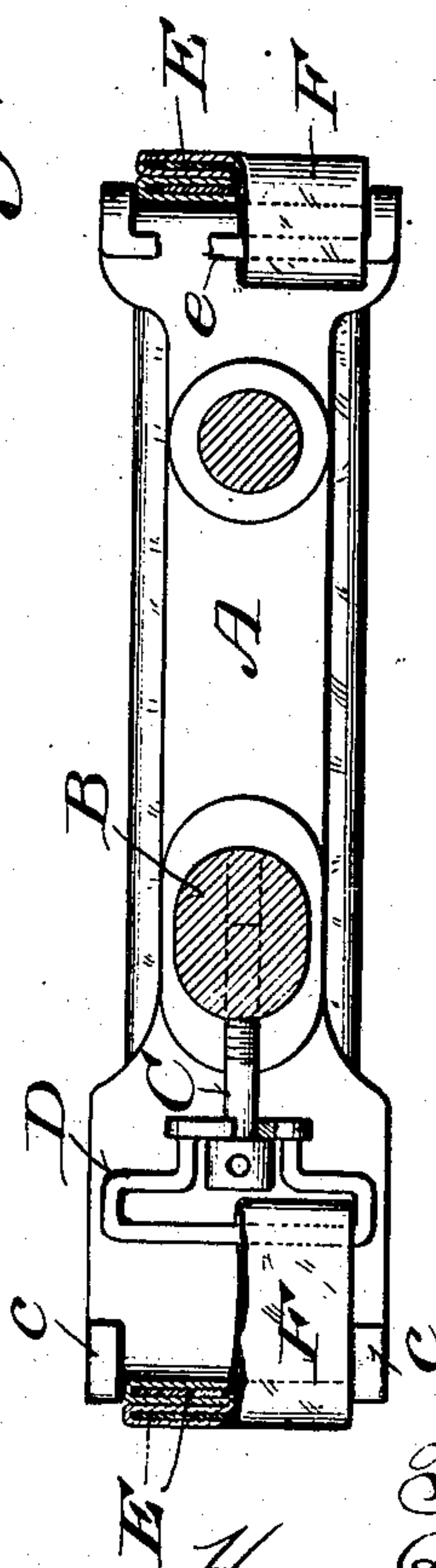
*Fig. 3.*



*Fig. 4.*



*Fig. 2.*



Witnesses  
George Felber  
R. J. Muir

Inventor:  
Henry J. Miller.  
By *Clifton Young*  
Attorneys.



# UNITED STATES PATENT OFFICE.

HENRY J. MILLER, OF NOBLESVILLE, INDIANA, ASSIGNOR OF ONE-HALF TO ALBERT J. GRUNDMAN, OF MILWAUKEE, WISCONSIN.

## POLISHING IMPLEMENT.

No. 923,871.

Specification of Letters Patent.

Patented June 8, 1909.

Application filed September 3, 1908. Serial No. 451,494.

*To all whom it may concern:*

Be it known that I, HENRY J. MILLER, a citizen of the United States, and resident of Noblesville, in the county of Hamilton and State of Indiana, have invented certain new and useful Improvements in Polishing Implements; and I do hereby declare that the following is a full, clear, and exact description thereof.

My invention consists in what is herein shown; described and particularly pointed out in claims; its object being to provide simple, economical polishing implements especially designed for manicuring purposes, an important feature of each implement being a variable tension cushion, the cover of which may be readily renewed from time to time as may be necessary or desirable.

Figure 1 of the accompanying drawings represents a side elevation of a polishing implement in accordance with my invention partly broken away; Fig. 2, a plan view of same partly in horizontal section, and Figs. 3 and 4 side elevations of the ends of a plate constituting part of the implement.

Referring by letter to the drawings, A indicates a plate, one end of which is slitted and bent in opposite directions to form a depending curvilinear bearing-surface *b* and double thick prongs *c* flanking this surface. The other end of the plate is cut and bent in opposite directions to form another depending curvilinear bearing-surface *d* and an upper recurved loop *e* that is for the most part approximately parallel to said plate.

Secured to the plate by screws *f* or other suitable means is a handle B, of the design herein shown or otherwise, as may be found preferable in practice, and a screw C in loose connection with a loop D, is adjustable in a horizontal aperture *g* of the handle. The head *h* of the screw is round and provided with crossed apertures in which to insert a turning-pin, not shown.

Folded at its ends, in the loop *e* of the plate A, and in the loop D that is carried on the screw C, are the ends of a flexible cushion element of the implement, and these folded ends of the cushion oppose the depending curvilinear surfaces *b*, *d*, of said plate. The cushion comprises a strip E of leather or

other suitable material reduced in thickness at its ends to facilitate folding, a lower filling of wool, cotton or other soft material, and a cover F that is preferably chamois.

By adjustment of the screw C in the handle B, the tension of the cushion is readily regulated, and when the cover F of said cushion becomes hard, worn out or otherwise unserviceable, a new one may be readily substituted, the other parts of the implement being of virtually everlasting utility or such that may be duplicated from the factory whenever needed.

I claim:

1. A polishing implement comprising a plate having depending curvilinear bearing surfaces at both ends and an upper recurved loop at one end, a handle in connection with the plate, an adjusting screw engaging the handle, a loop loose on the screw, and a cushion folded at its ends in said loops against said bearing surfaces.

2. A polishing implement comprising a plate having one end thereof slitted and a portion of same bent under to form a curvilinear bearing-surface intermediate of prongs that result from the slitting, the other end of the plate being cut and bent to form a depending curvilinear bearing-surface and an upper recurved loop; a handle in connection with the plate, an adjusting screw engaging the handle, a loop loose on the screw, and a cushion folded at its ends in said loops against said bearing surfaces.

3. A polishing implement comprising a plate having one end thereof slitted and oppositely bent to provide a depending curvilinear bearing-surface intermediate of prongs, and its other end cut and oppositely bent to form another depending curvilinear bearing-surface and an upper recurved loop; a handle in connection with the plate, an adjusting screw engaging the handle, a loop loose on the screw, and a cushion folded at its ends in the loops against the bearing-surfaces aforesaid.

4. A polishing implement comprising a plate having depending curvilinear bearing surfaces at both ends and an upper recurved loop at one end, a handle in connection with the plate, an adjusting screw engaging the

handle, a loop loose on the screw, and a cushion having a detachable cover and embodying a strip of flexible material reduced at its ends to facilitate folding of the same and  
5 said cover in said loops against said bearing-surfaces.

In testimony that I claim the foregoing I

have hereunto set my hand at Milwaukee in the county of Milwaukee and State of Wisconsin in the presence of two witnesses.

H. J. MILLER.

Witnesses:

S. MARTIN,

CHARLES F. BEHM.