

No. 842,579.

PATENTED JAN. 29, 1907.

F. J. PETERS.
SANDPAPER HOLDER.
APPLICATION FILED DEC. 26, 1905.

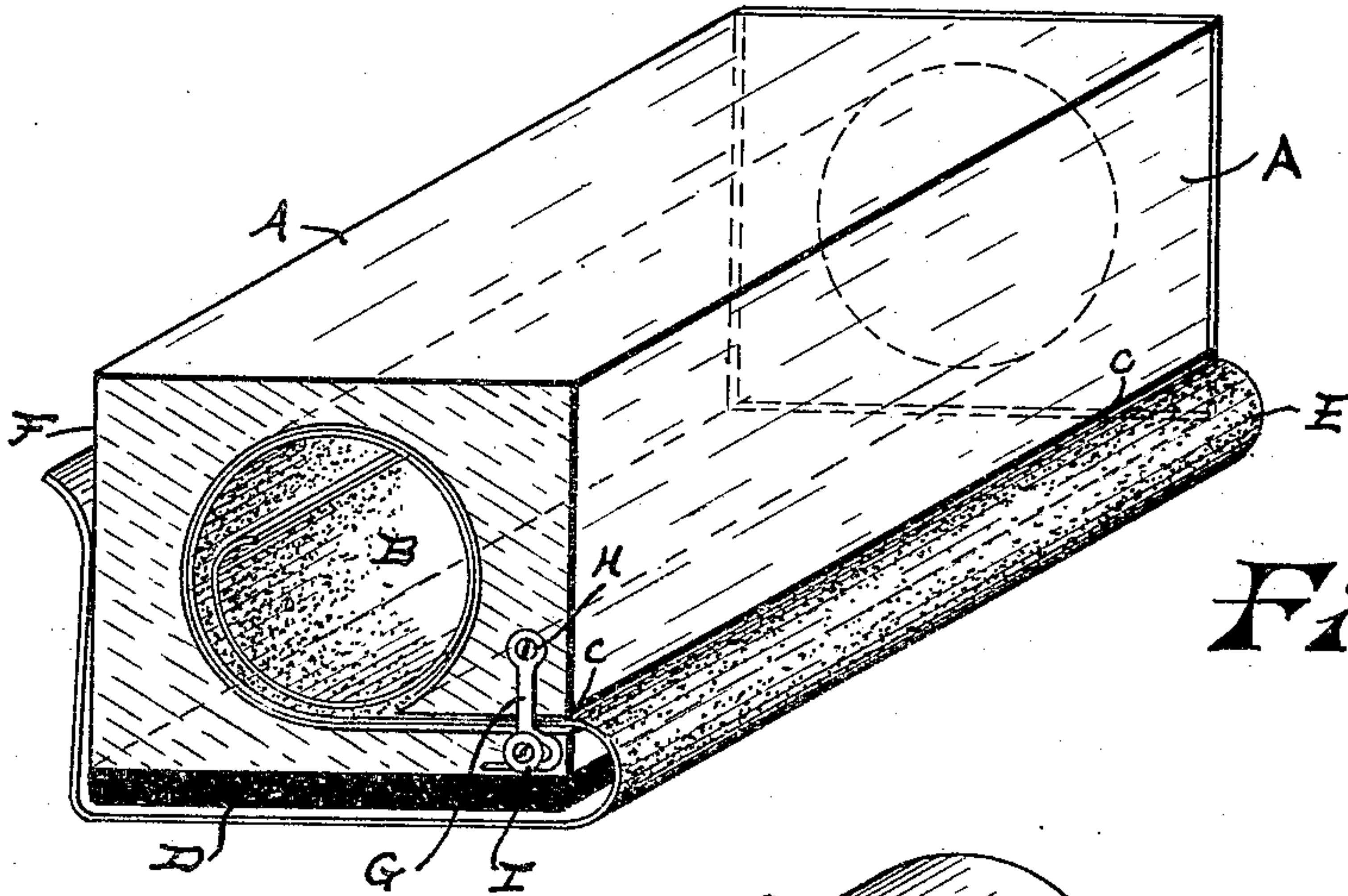


Fig. 1.

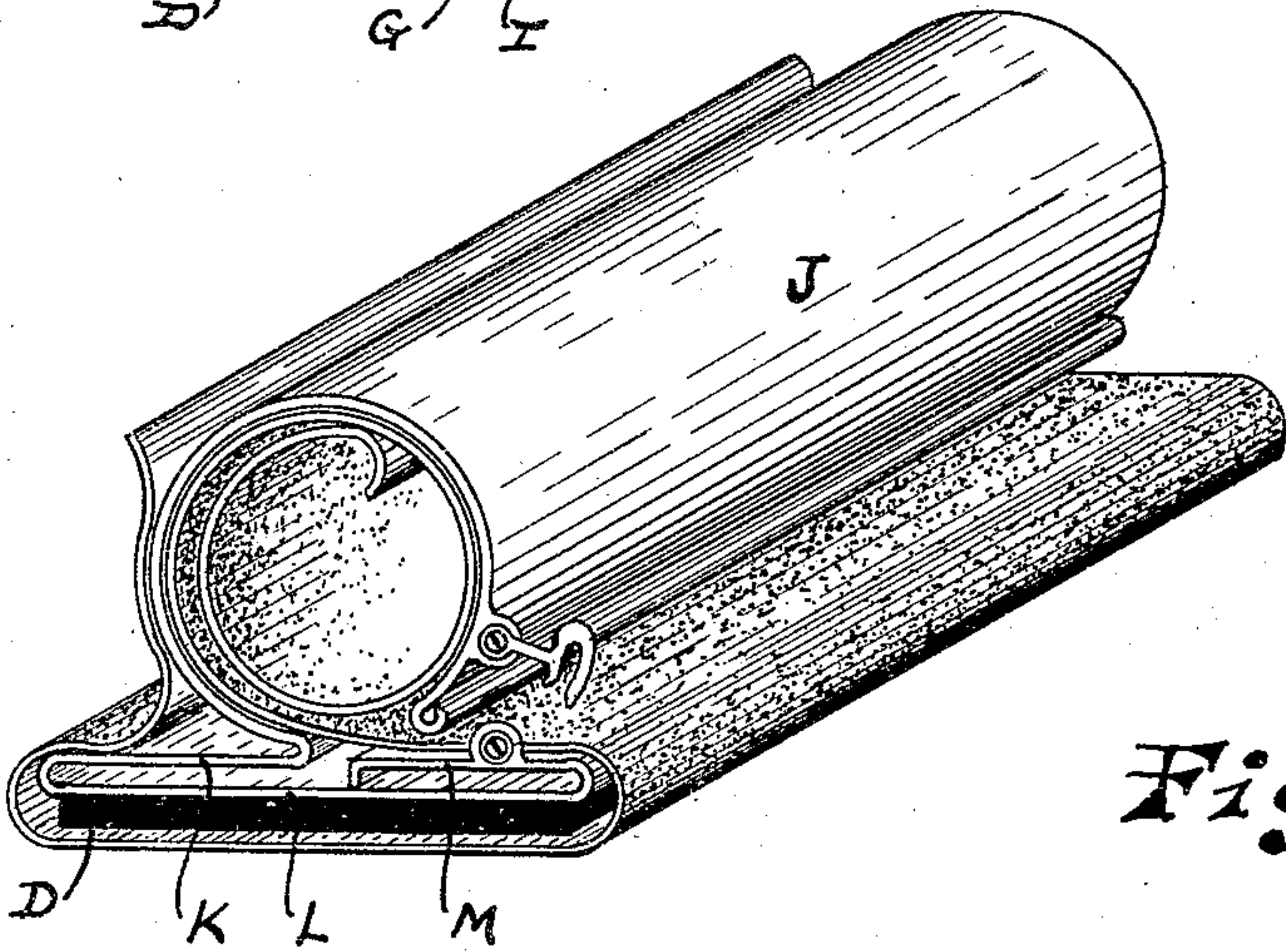


Fig. 2.

WITNESSES:

O. R. Erwin
H. H. Schuy

INVENTOR
Frederick J. Peters
BY
Erwin & Hudson
ATTORNEYS.

UNITED STATES PATENT OFFICE.

FREDERICK J. PETERS, OF MILWAUKEE, WISCONSIN.

SANDPAPER-HOLDER.

No. 842,579.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, FREDERICK J. PETERS, a citizen of the United States, residing at Milwaukee, county of Milwaukee, and State of Wisconsin, have invented new and useful Improvements in Sandpaper-Holders, of which the following is a specification.

My invention relates to improvements in a combined receptacle for storing sandpaper, emery-cloth, and similar flexible polishing materials and means for holding such material as the same is being used for smoothing and polishing surfaces.

The construction of my invention is explained by reference to the accompanying drawings, in which—

Figure 1 represents a perspective view thereof as the same appears when the receptacle is formed of wood or other solid material; and Fig. 2 represents a perspective view of a preferred form, showing the receptacle made from a single piece of sheet metal formed integrally with the horizontal bearing-surface by which the polishing material is applied.

Like parts are identified by the same reference-letters in both views.

Referring to the construction shown in Fig. 1, A represents a solid block of wood provided with a central aperture B for the reception of the sandpaper or other similar material, and a slit C, through which the roll of sandpaper may be drawn from the central aperture. D is an elastic cushion, which may be formed of rubber or similar material, and the same is secured to the lower surface of the block A by cement, screws, or in any other suitable manner. E represents a sheet of sandpaper which is wound in a roll and inserted in the end of the receptacle when the free end of the sandpaper or other material is drawn through the slit C, carried beneath the cushion D, and is retained in place at the rear side F of the block by the hand of the operator. The sandpaper or other polishing material is clamped in the slit C by the clamping-hook G and another hook, being preferably used in a similar manner to that shown at the opposite end of the block. The clamping-hook G is pivotally connected to the block A on the one side of the slit C by the pin H, and said hook is adapted to engage in the pin I, which is secured to said block on the opposite side of said slit. The contact bearing end of hook G is such as to draw the opposing walls of the slit together as said

hook is brought into locking engagement with the pin I.

By the preferred form shown in Fig. 2 the cylinder J and the parallel horizontal parts K, L, and M are all formed integrally from a single piece of sheet metal, which when being made may be bent around a form in the shape shown, when the parallel plates K, L, and M taken together form the bearing-surface around which the flexible polishing material is drawn preparatory to being used for polishing surfaces, when the elastic cushion D is secured thereto in any convenient manner.

When my device is made of resilient sheet metal, the metal may be so constructed as to cause the respective sides of the slit through which the polishing material is drawn to be thrown together by the resiliency of the material itself, when the hooks G and the pins connected therewith may be dispensed with. The form illustrated, however, is preferred.

Attention is called to the fact that both ends of the receptacle are left open, whereby the roll of the abrading material is readily inserted and the necessity of winding the same on a shaft and drawing it through the slit is thereby avoided. Attention is also called to the fact that the abrading material is clamped between the opposing bearings of the slit through which it is drawn and is thereby prevented from becoming loose and being accidentally drawn from the cylinder.

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

1. The device herein described for storing and holding flexible abrading material, comprising a hollow receptacle open at its respective ends, provided with an elongated slit through which the material may be drawn, in combination with a bearing-surface around which said material is held and means for retaining the opposing bearing-surface of the slit in clamping contact with the abrading material.

2. The device herein described for storing and holding flexible abrading material, comprising a hollow receptacle open at its respective ends, provided with an elongated slit throughout its entire length through which the material may be drawn, in combination with a bearing-surface around which said material is held when using the same, a clamping-hook pivoted to the bearing-surface upon one side of said slit and adapted to engage in the bearings on the opposite side of said slit,

and an elastic cushion secured to said bearing-surface.

3. The combination of a rectangular receptacle provided with elongated cylindrical
5 aperture open at both ends and a horizontal bearing-surface formed integrally with said receptacle, said receptacle being provided with an elongated slot extending from one of
10 said open ends to the other through which the abrading material is adapted to be drawn,

and an elastic cushion secured to said bearing-surface, all substantially as and for the purpose specified.

In testimony whereof I affix my signature in the presence of two witnesses.

FREDERICK J. PETERS.

Witnesses:

JAS. B. ERWIN,

O. R. ERWIN.