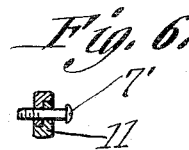
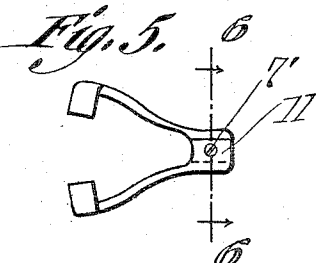
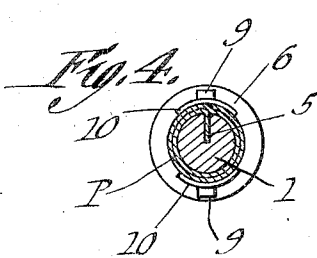
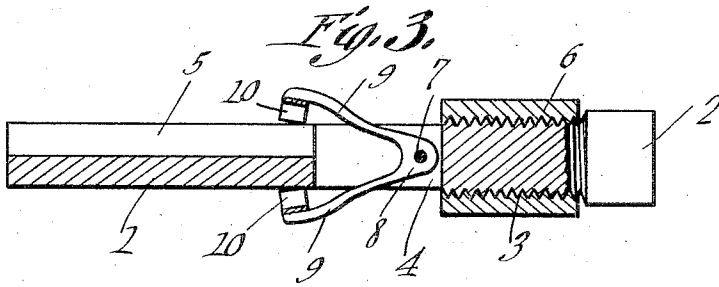
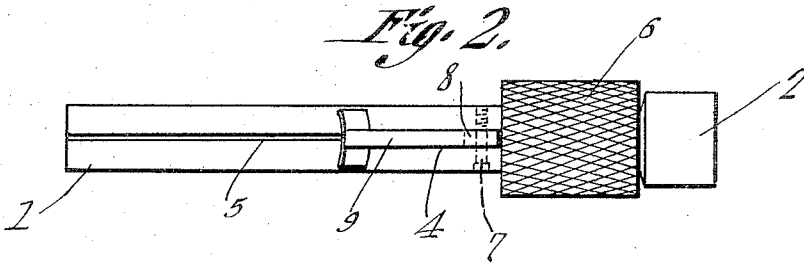
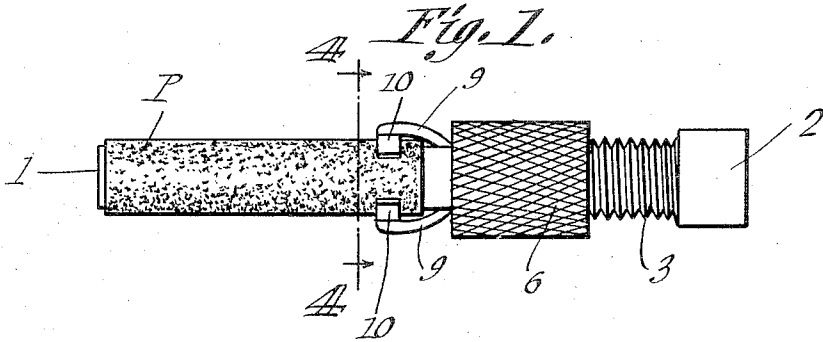


C. H. POLLOCK.  
 SANDPAPER HOLDER FOR CHUCKS.  
 APPLICATION FILED FEB. 1, 1919.

1,319,417.

Patented Oct. 21, 1919.



Witness

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# UNITED STATES PATENT OFFICE.

CHARLES H. POLLOCK, OF HILLSBORO, OREGON.

SANDPAPER-HOLDER FOR CHUCKS.

1,319,417.

Specification of Letters Patent.

Patented Oct. 21, 1919.

Application filed February 1, 1919. Serial No. 274,471.

To all whom it may concern:

Be it known that I, CHARLES H. POLLOCK, a citizen of the United States, residing at Hillsboro, in the county of Washington and State of Oregon, have invented a new and useful Sandpaper-Holder for Chucks, of which the following is a specification.

This invention relates to sand paper holders for chucks, one of its objects being to provide a simple and compact device which can be used in connection with a lathe chuck or the like and will engage and hold a strip of sand paper securely in position.

A further object is to provide a device of this character which is formed of few parts and can be easily adjusted.

With the foregoing and other objects in view which will appear as the description proceeds, the invention consists of certain novel details of construction and combinations of parts which will be hereinafter more fully described and pointed out in the claims, it being understood that various changes may be made in the construction and arrangement of the parts without departing from the spirit or sacrificing any of the advantages of the invention as set forth in the appended claims.

In the accompanying drawings the preferred forms of the invention have been shown.

In said drawings—

Figure 1 is a side elevation of the device with a strip of sand paper clamped thereto.

Fig. 2 is a plan view of the device.

Fig. 3 is a central longitudinal section.

Fig. 4 is a section on line 4—4, Fig. 1.

Fig. 5 is a detail view of a modified form of jaw attachment.

Fig. 6 is a section on line 6—6, Fig. 5.

Referring to the figures by characters of reference, 1 designates a spindle having one end enlarged as at 2 and that portion of the spindle adjacent to the enlarged end is screw threaded as shown at 3. A short longitudinal slot 4 is formed in the spindle and extends from the inner end of the threaded portion 3 and formed in the spindle and extending from this slot 4 to the end of the spindle is a narrow groove 5. A sleeve 6 having internal screw threads is mounted on the threaded portion of the spindle and has its outer surface roughened or milled.

A pivot pin 7 is extended through the spindle and across the slot and engages an ear 8 from which extend diverging spring arms 9 each of which is provided, at its free end, with an arcuate jaw 10 overhanging the inner end of the grooved portion of the spindle.

In using the device one edge of a strip of sand paper or the like is inserted into the groove 5 and the sand paper, indicated at P, is then wrapped around the spindle as shown in Fig. 4. Sleeve 6 is rotated so as to be fed by the threads against the arms 9. These arms will be bent inwardly into slot 4 and cause the jaws to move onto and bind upon the sand paper as shown.

If preferred, and as shown in Figs. 5 and 6, the gripping member can be formed of lapping ears 11 pivotally connected by the pin 7.

What is claimed is:—

1. The combination with a spindle having a slotted portion, a threaded portion at one end of the slotted portion and a longitudinally grooved portion at the other end of the slotted portion, of a sleeve engaging the threaded portion and movable over the slotted portion, spring arms pivotally mounted in the slotted portion and shiftable toward each other by the sleeve, and gripping jaws upon the arms.

2. The combination with a spindle having a longitudinal slot and a longitudinal groove extending from one end of the slot for the reception of one edge of a strip wrapped about the spindle, of spring arms pivotally mounted in the slot and diverging outwardly from the slot, jaws upon the arms and overhanging the grooved portion of the spindle, and a sleeve threaded on the spindle and adjustable against the arms to shift the jaws onto the spindle or a strip wrapped around the spindle.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

CHARLES H. POLLOCK.

Witnesses:

ELLA ELLEFSON,  
E. B. SARGEN.