

(No Model.)

C. M. LOTHROP.
Sand-Paper Holder.

No. 227,438.

Patented May 11, 1880.

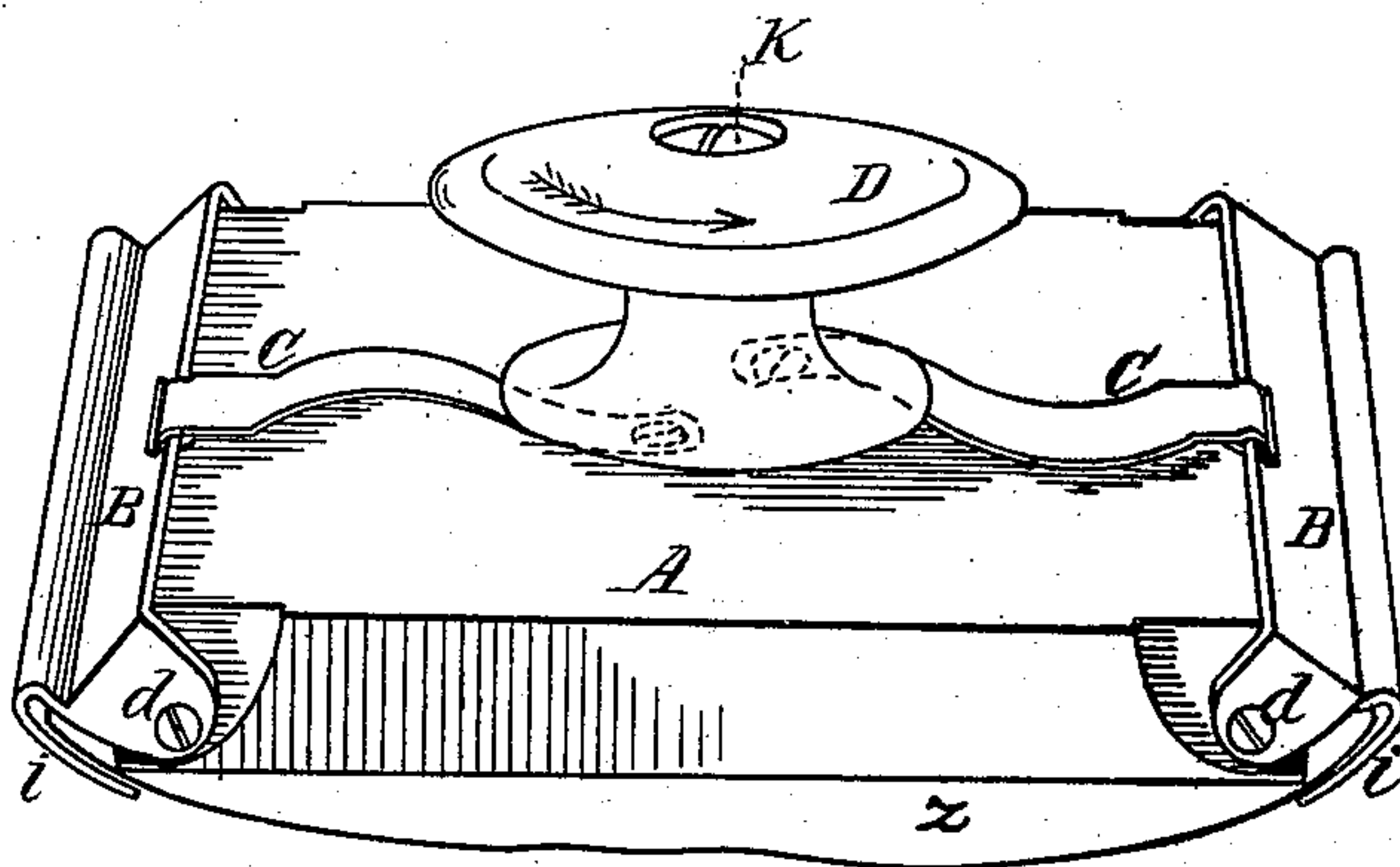


Fig. 1.

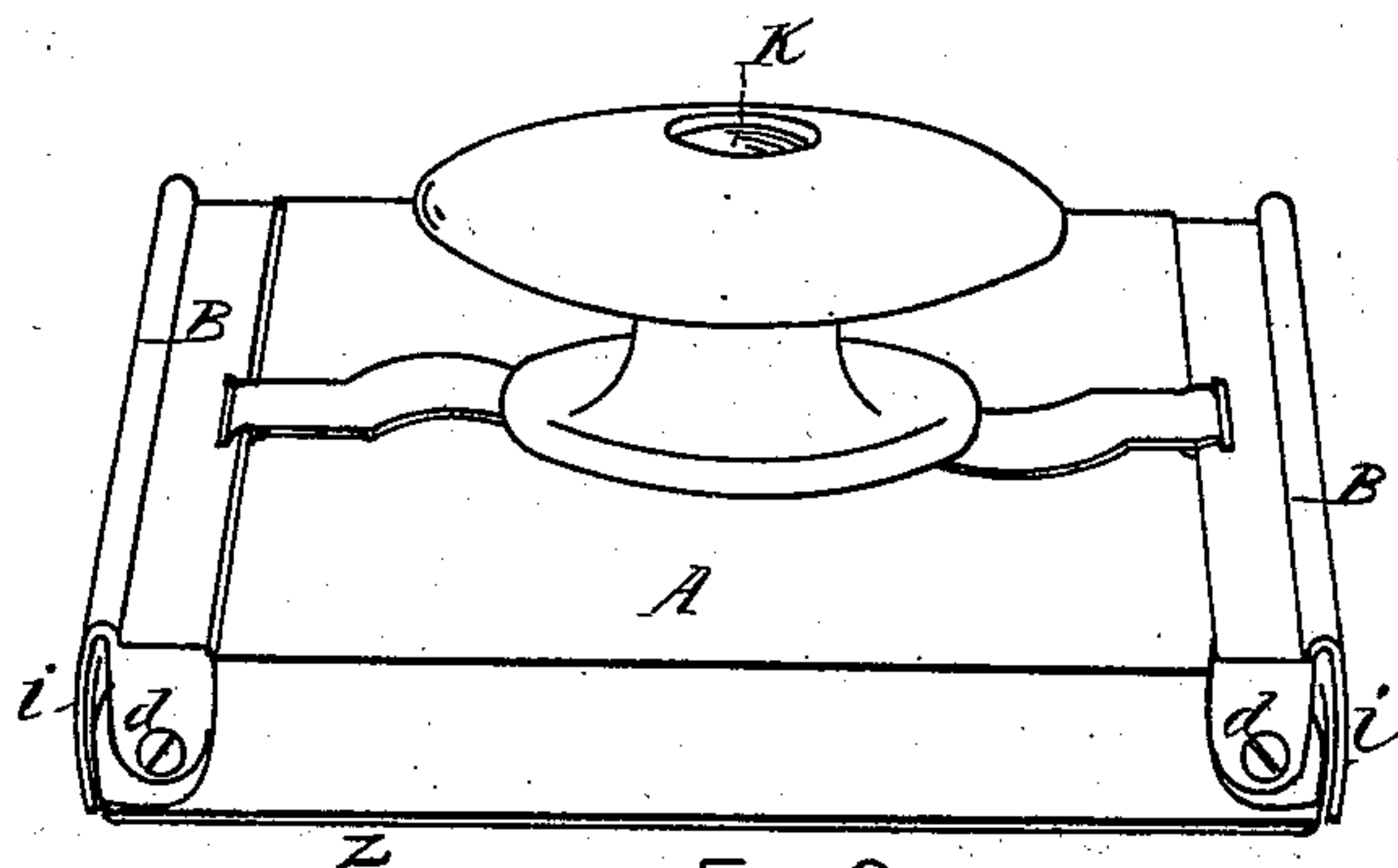


Fig. 2.

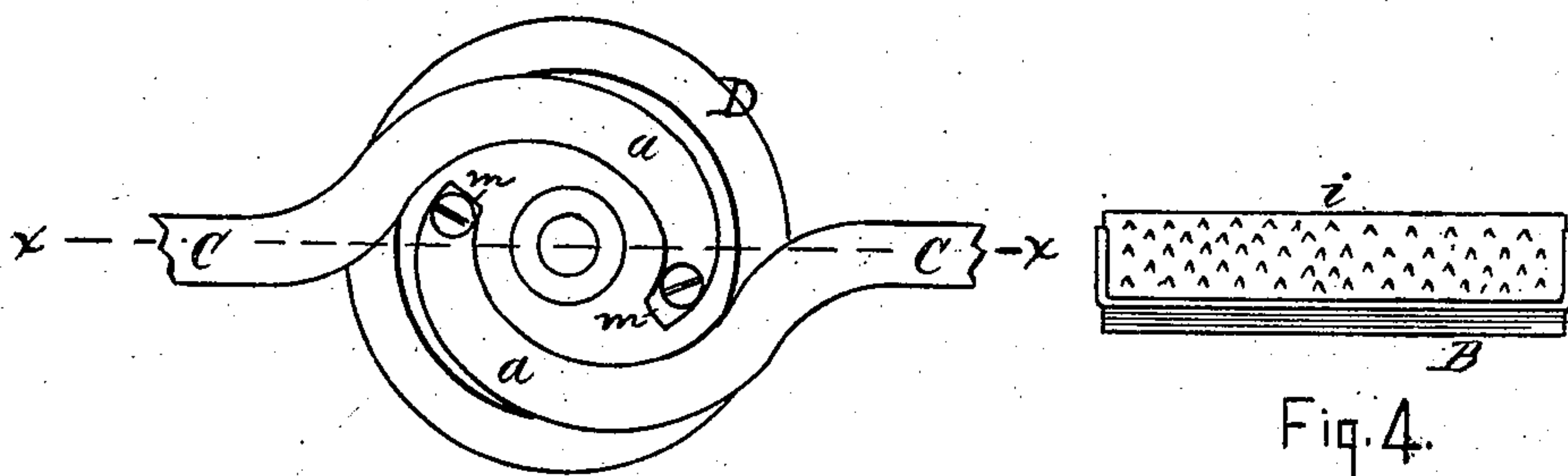


Fig. 3.

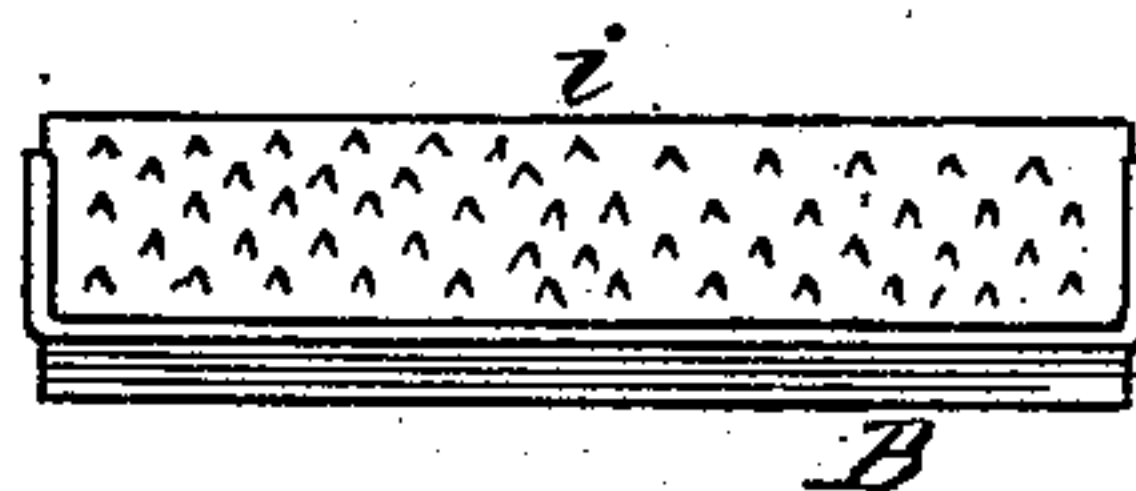


Fig. 4.

Witnesses:
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UNITED STATES PATENT OFFICE.

CHAUNCEY M. LOTHROP, OF NORWOOD, ASSIGNOR OF ONE-THIRD OF HIS
RIGHT TO JOHN FREESE, OF WALPOLE, MASSACHUSETTS.

SAND-PAPER HOLDER.

SPECIFICATION forming part of Letters Patent No. 227,438, dated May 11, 1880.

Application filed April 5, 1880. (No model.)

To all whom it may concern:

Be it known that I, CHAUNCEY M. LOTHROP, of Norwood, in the county of Norfolk, State of Massachusetts, have invented
5 a certain new and useful Improvement in Sand-Paper Holders; and I hereby declare that the following is a description sufficiently full, clear, and exact to enable any person skilled in the art or science to which my inven-
10 tion appertains to make and use the same, reference being had to the accompanying drawings, forming a part of this specification, in which—

Figure 1 is an isometrical perspective view,
15 showing the method of inserting the paper. Fig. 2 is a side elevation, showing the paper in position for use. Fig. 3 is a plan view of the under side of the knob, showing the form and method of connecting the levers; and
20 Fig. 4, a view showing an alternate form of constructing the jaws or clamps.

Like letters of reference indicate corresponding parts in the different figures of the drawings.

25 My invention relates principally to that class of sand-paper holders which are employed by cabinet-makers, piano-forte manufacturers, &c.; and it consists in a novel construction and arrangement of parts, as here-
30 inafter more fully set forth and claimed, by which a simpler, cheaper, and more effective device of this character is produced than is now in ordinary use.

In the drawings, A represents the body of
35 the holder, which consists of a rectangular piece of wood, preferably about five inches long, three inches wide, and half an inch in thickness.

Pivoted to each end of the body by the
40 screws *d d* are two metallic jaws or sheet-metal clamps, B, formed as best shown in Figs. 1 and 2; and jointed by their outer ends to these clamps are two levers, C C, arranged horizontally along the upper side of the body,
45 and bent or curved, as shown at *a a*.

A knob or handle, D, is secured at the center of the body A in such a manner as to be laterally rotated or turned on a screw, K, passing loosely and vertically through the
50 same, and to the under side of this knob the inner ends of the levers C C are jointed, as seen at *m m* in Fig. 3.

In the use of my improvement the knob is turned to bring the clamps into the position

shown in Fig. 1, or so that the lips *i i* will be
55 extended slightly over the face or lower part of the body. A strip of paper, *z*, of the proper dimensions, is then inserted in the holder, as seen in Fig. 1, by placing its ends in the jaws
60 *i i*, after which the knob D is turned in the direction indicated by the arrow, causing the levers to be drawn toward the center of the holder, thereby partially rotating the clamps
65 on their pivots and drawing the lips *i i* back and upwardly over the ends of the body A, thus clamping and confining the ends of the paper between the lips and the ends of the
70 body in a manner which will be readily understood without a more explicit description, the paper when so secured assuming the position shown in Fig. 2.

As the knob is turned in the direction of the arrow and the levers recede from the ends or approach the center of the holder, the paper will be drawn down or stretched smoothly
75 across the under side of the face of the holder, as seen in Fig. 2, and securely held in that position until the knob is turned back or in the opposite direction.

In turning the knob to fasten the paper, 80 when the pivotal points *m m* pass the center of motion or cross the line *x x* the levers slightly recede and become locked, the clamps being held firmly in position and the paper prevented from escaping while the holder is in
85 use.

The edge of the lip *i* is sometimes serrated, or provided with short teeth projecting inwardly, as seen in Fig. 4, to enable it to take
90 a more secure hold of the paper.

It will be obvious that the holder is equally well adapted for use as an eraser or rubber for blackboards, slates, &c., and that cloth, flannel, felt, leather, or any similar substance may be substituted for the sand-paper, if de-
95 sired.

Having thus explained my invention, what I claim is—

The improved sand-paper holder described, consisting of the body A, pivoted clamps B
100 B, levers C C, provided with the curved ends *a a*, and the knob D, constructed and arranged to operate substantially as specified.

CHAUNCEY M. LOTHROP.

Witnesses:

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