

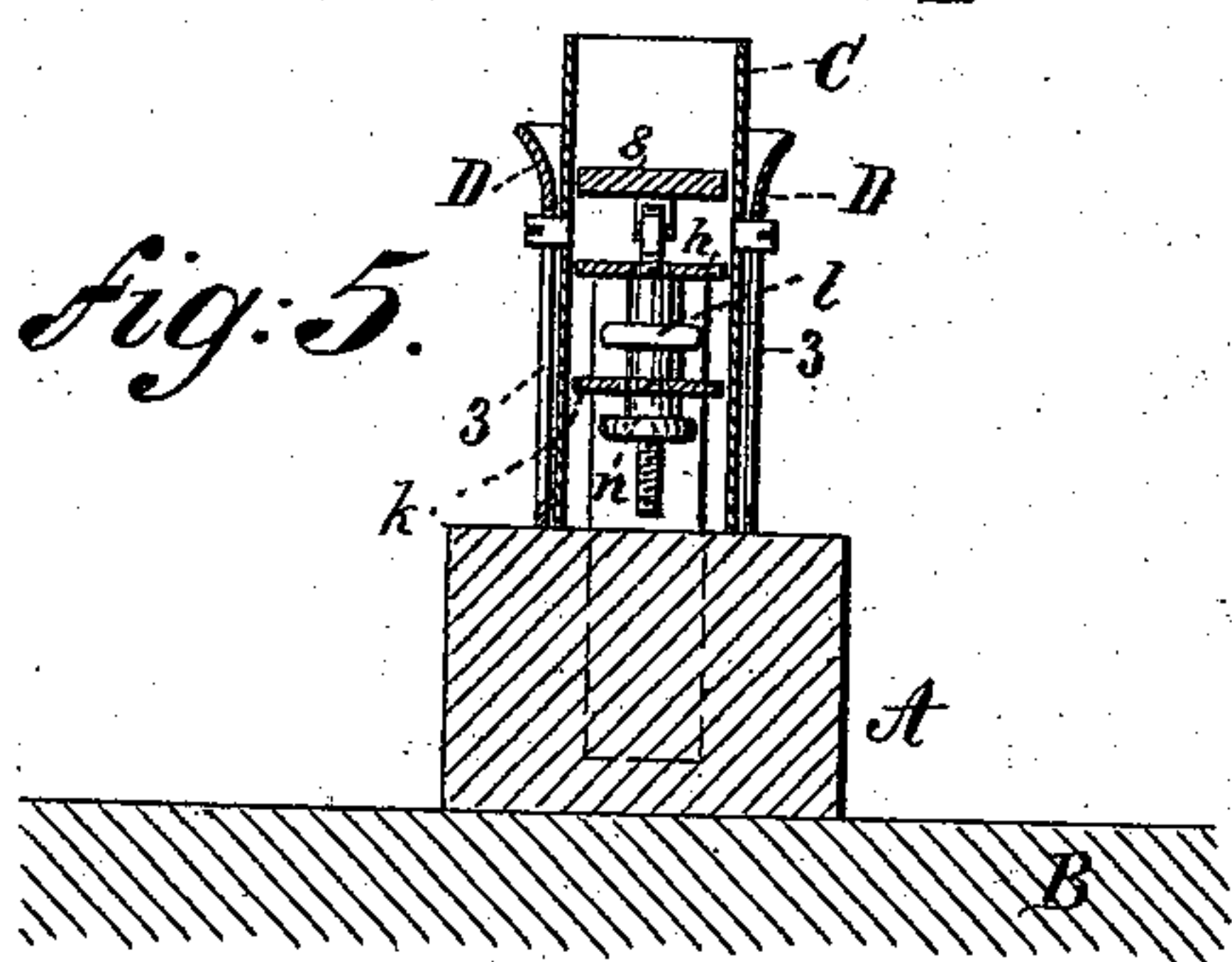
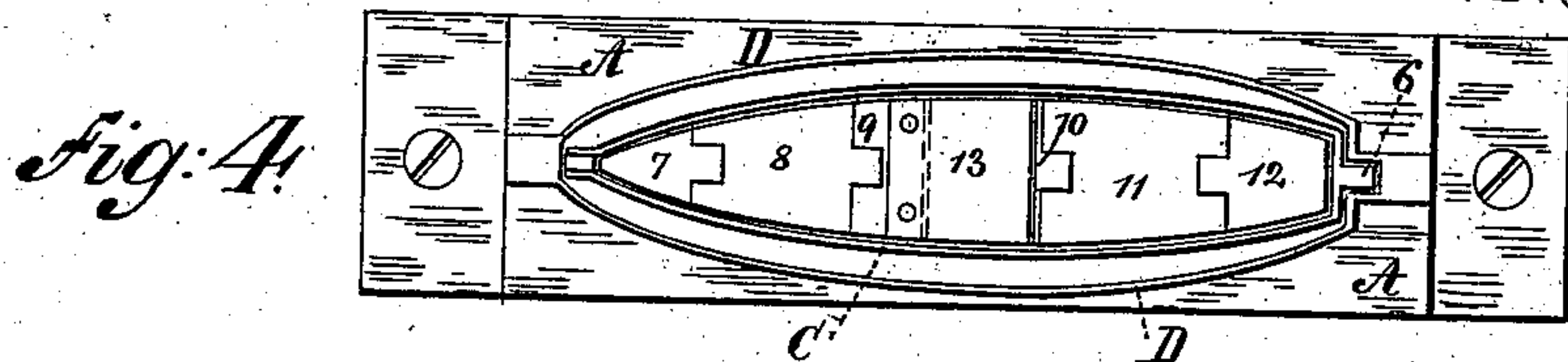
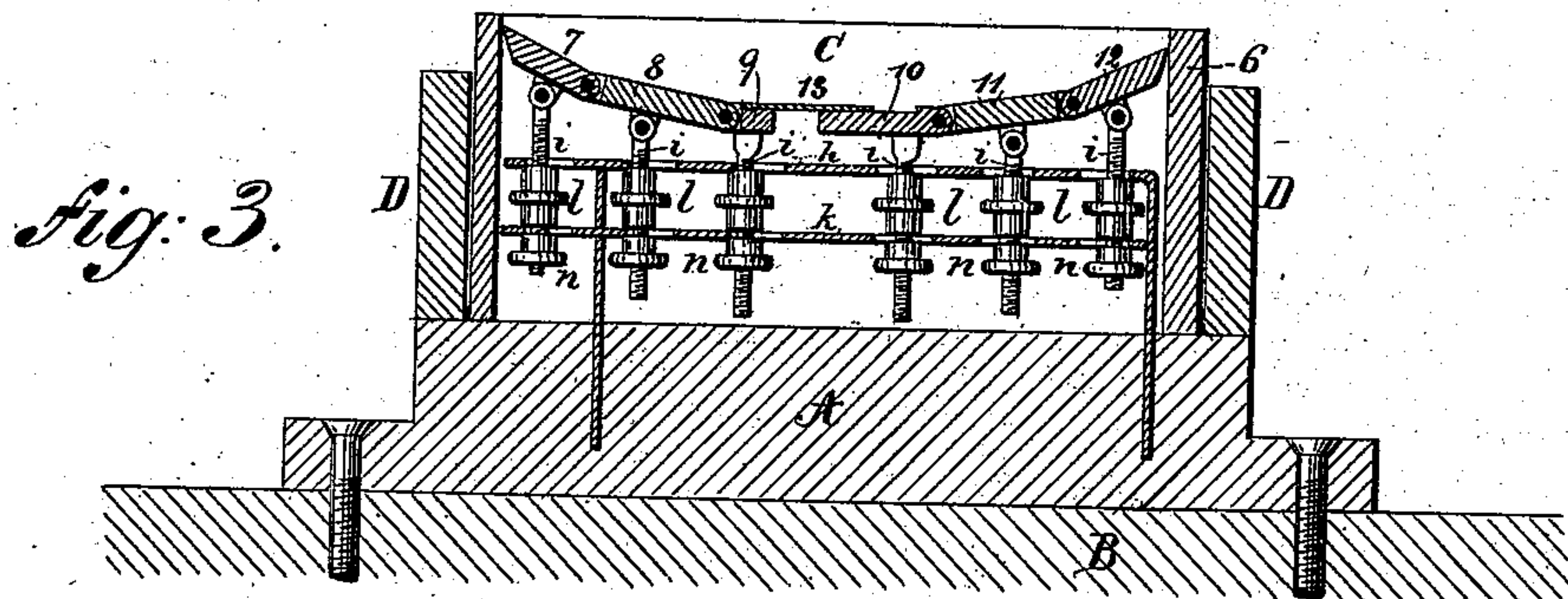
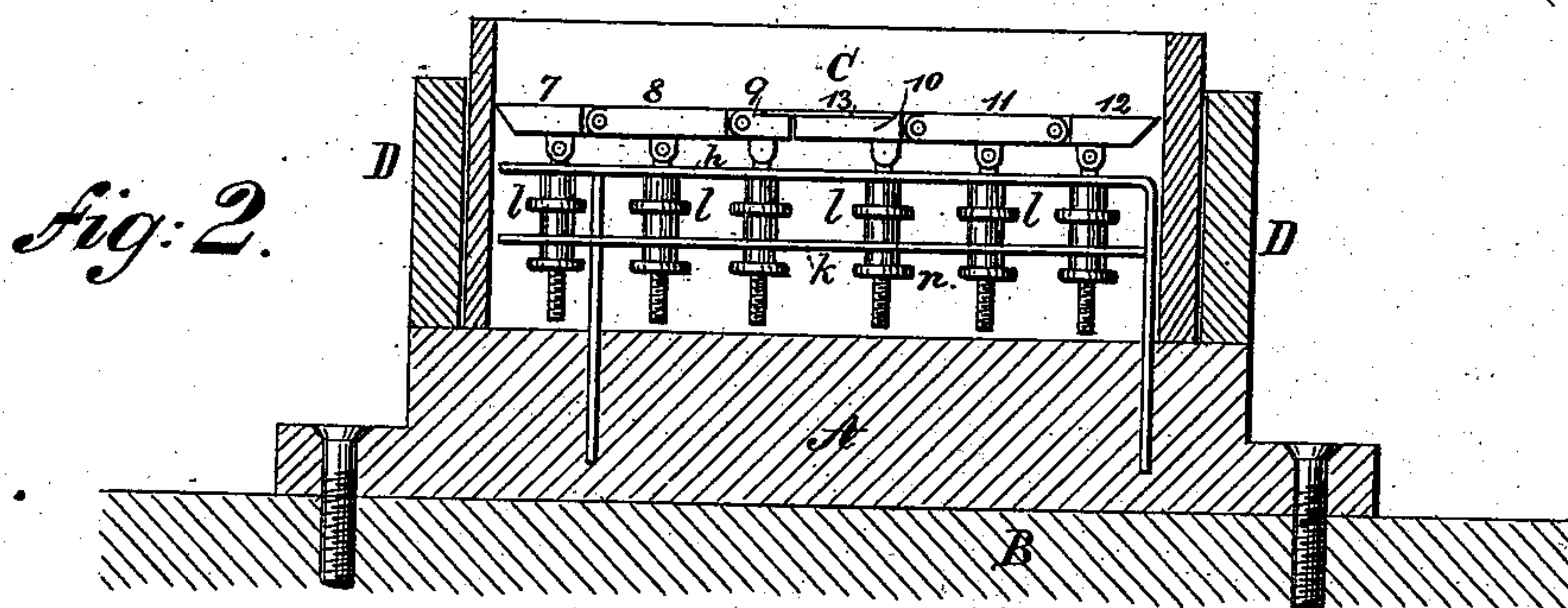
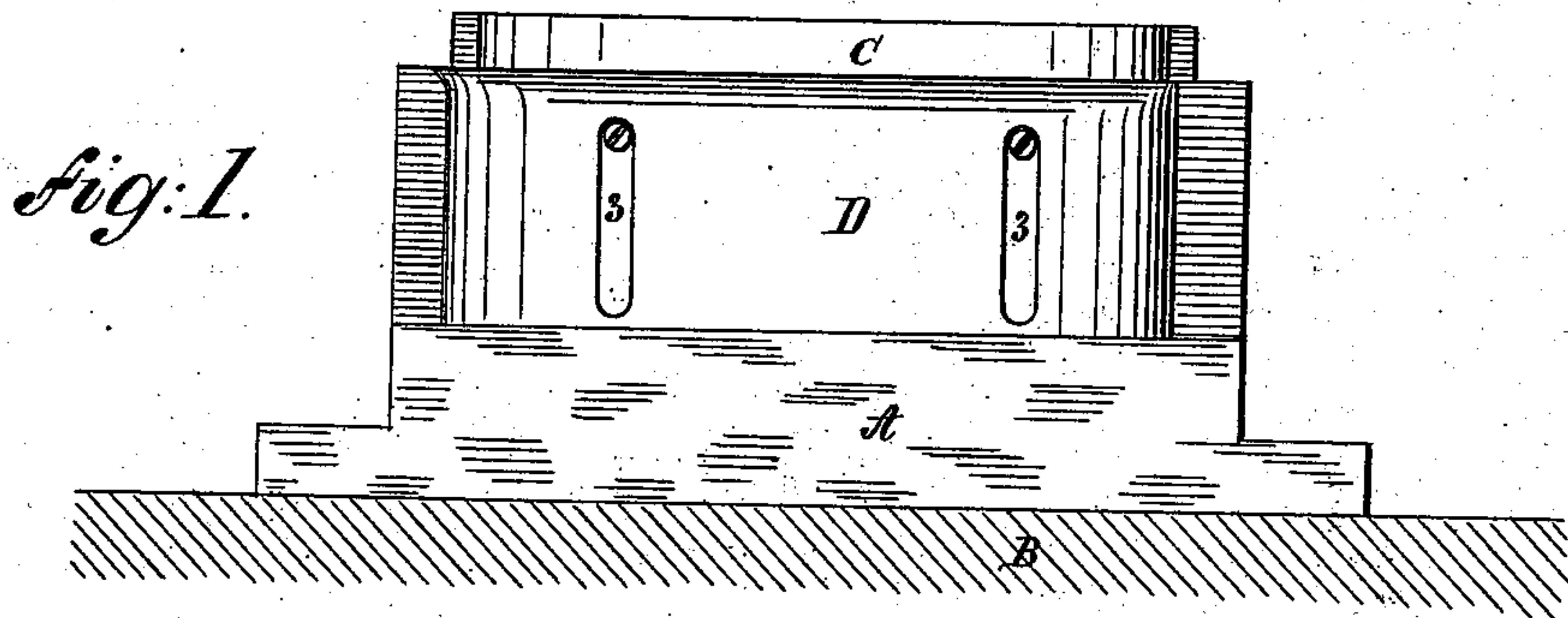
(No Model.)

S. HENRY.

MOLD FOR MEASURING AND PARTLY SHAPING CIGAR FILLERS.

No. 382,608.

Patented May 8, 1888.



WITNESSES:

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SIMON HENRY, OF BROOKLYN, NEW YORK.

MOLD FOR MEASURING AND PARTLY SHAPING CIGAR-FILLERS.

SPECIFICATION forming part of Letters Patent No. 382,608, dated May 8, 1888.

Application filed August 22, 1887. Serial No. 247,520. (No model.)

To all whom it may concern:

Be it known that I, SIMON HENRY, of Brooklyn, in the county of Kings and State of New York, have invented an Improvement in
5 Molds for Measuring and Partially Shaping Cigar-Fillers, of which the following is a specification.

In Letters Patent No. 368,832, granted to me August 23, 1887, a mold is shown for measuring and partially shaping cigar-fillers. My
10 present invention is an improvement upon the same, whereby the mold is made variable for receiving more or less tobacco as a whole, and variable for proportioning the quantity
15 at different parts longitudinally of the mold according to the shape of the cigar itself, so that the filler may be pressed with uniformity, or nearly so, in the subsequent operations of putting on the binder or wrapper and pressing the cigar to the proper shape in the mold.

In the drawings, Figure 1 is an elevation of the mold. Fig. 2 is a section of the mold and an elevation of the variable bottom. Fig. 3
20 is a similar view with the bottom in section. Fig. 4 is a plan view, and Fig. 5 is a cross-section, of the mold.

The base-piece A is screwed to any suitable table or bed, B, and the mold C is preferably of sheet metal, and it is tapering toward
30 the ends, so as to approximate to the shape of the cigar. The sides of the sheet-metal mold are vertical, and outside the mold is a case, D, which corresponds to the mold in shape; but it is sufficiently large to slide
35 freely up and down outside the mold; and this case is slotted vertically, as at 3 3, for the reception of pins or screws that are fastened in the sides of the mold, so that when the mold is in use the case is below the upper edge of
40 the mold and rests upon the top of the base A, and the tobacco is to be filled into the mold level with the top and uniformly packed or pressed in, and the operative then lifts the case and it moves freely up outside of the
45 mold to the extent allowed for by the slots, and the tobacco can then expand upwardly, and it will be retained by the case until pressed out downwardly upon the binder, as in my aforesaid patent.

50 It is preferable to form the upper end of the case flaring, as shown, and to provide end guides, in the form of tongues at 6, on the mold,

entering corresponding grooves in the end portions of the case.

The bottom F of the mold is made of sections 7 8 9 and 10 11 12, hinged together, and each section is provided with a screw, *i*, and nut, by means of which it may be raised and lowered, and there is a lapping-plate, 13, at the middle sections to allow for the necessary
60 adjustment in raising or lowering the respective sections.

I prefer to pass the screws *i* through slots in the stationary plates *h k*, and to place the nuts *l* between such plates and the lock-nuts
65 *n* below the plate *k*, so as to firmly clamp the parts after they have been adjusted. By this means the end portions of the bottom can be more or less inclined and the mold be made to contain the desired amount of tobacco distributed in the proper proportions throughout its length, so that when rolled into the binder the cigar will be of the proper shape.

It is to be understood that the adjustable bottom remains as a fixture; and when the tobacco has been properly introduced into the
75 mold the case is drawn up and the mold lifted from the bottom, and then the tobacco is forced out of the mold upon the binder, into which it is rolled in forming the filler. 80

I claim as my invention—

1. The combination, with the mold for measuring and partially shaping cigar-fillers, of a bottom for the mold, made of hinged sections, and screws for raising or lowering the sections to vary the quantity of tobacco measured
85 in the mold, substantially as set forth.

2. The removable mold for measuring and partially shaping cigar-fillers, in combination with hinged sections forming the bottom, adjusting-screws, stationary plates through which the screws pass, and adjusting-nuts, substantially as set forth. 90

3. The combination, with the stationary bottom and the mold that sets over such bottom and measures and partially shapes the cigar-filler, of the case surrounding the mold and adapted to slide vertically as the mold is lifted, substantially as set forth. 95

Signed by me this 12th day of August, 1887. 100
SIMON HENRY.

Witnesses:

GEO. T. PINCKNEY,
WILLIAM G. MOTT.