

No. 740,508.

PATENTED OCT. 6, 1903.

R. H. YOUNG.

INKSTAND.

APPLICATION FILED AUG. 7, 1902.

NO MODEL.

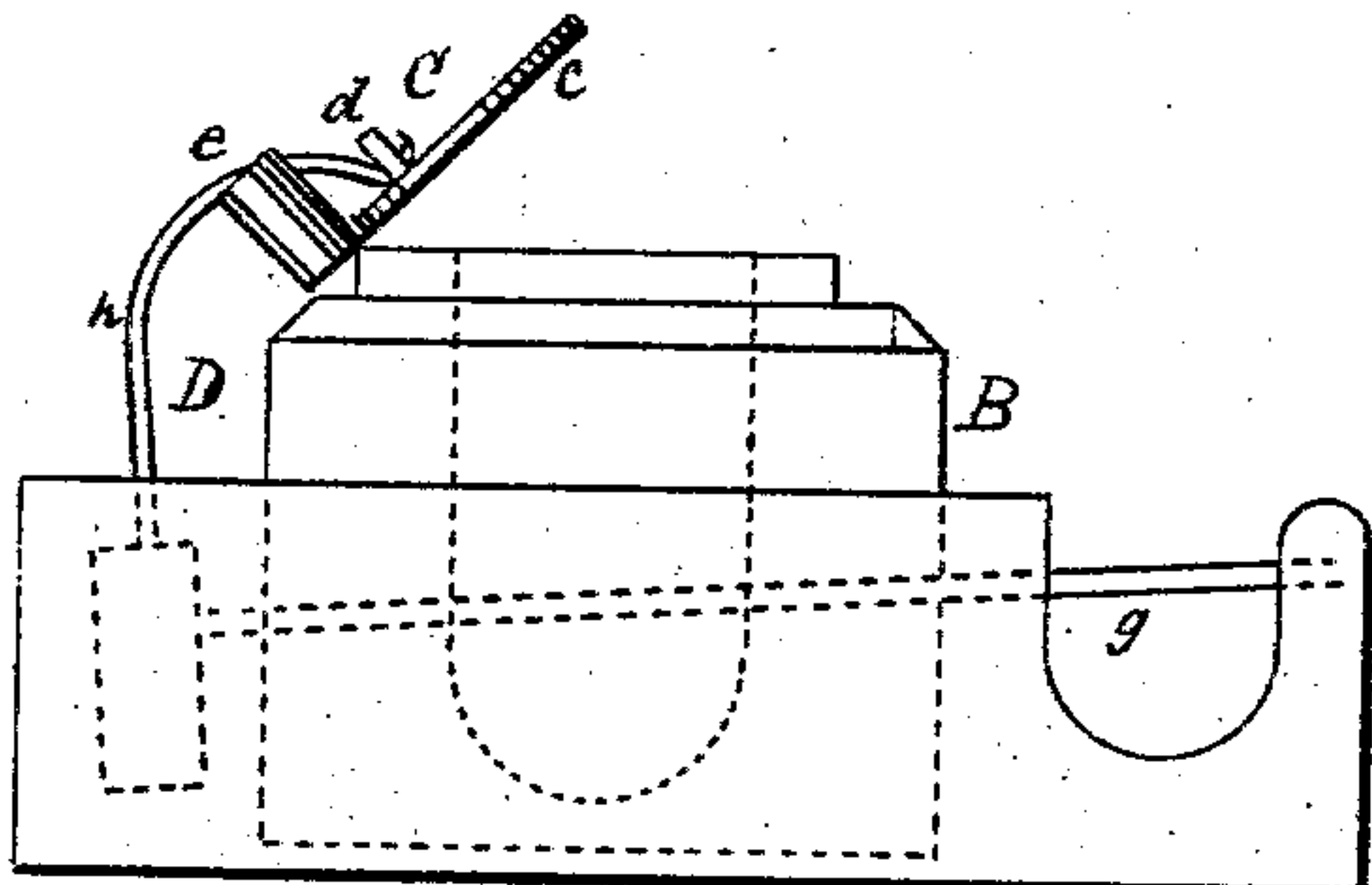


Fig. 1 - A

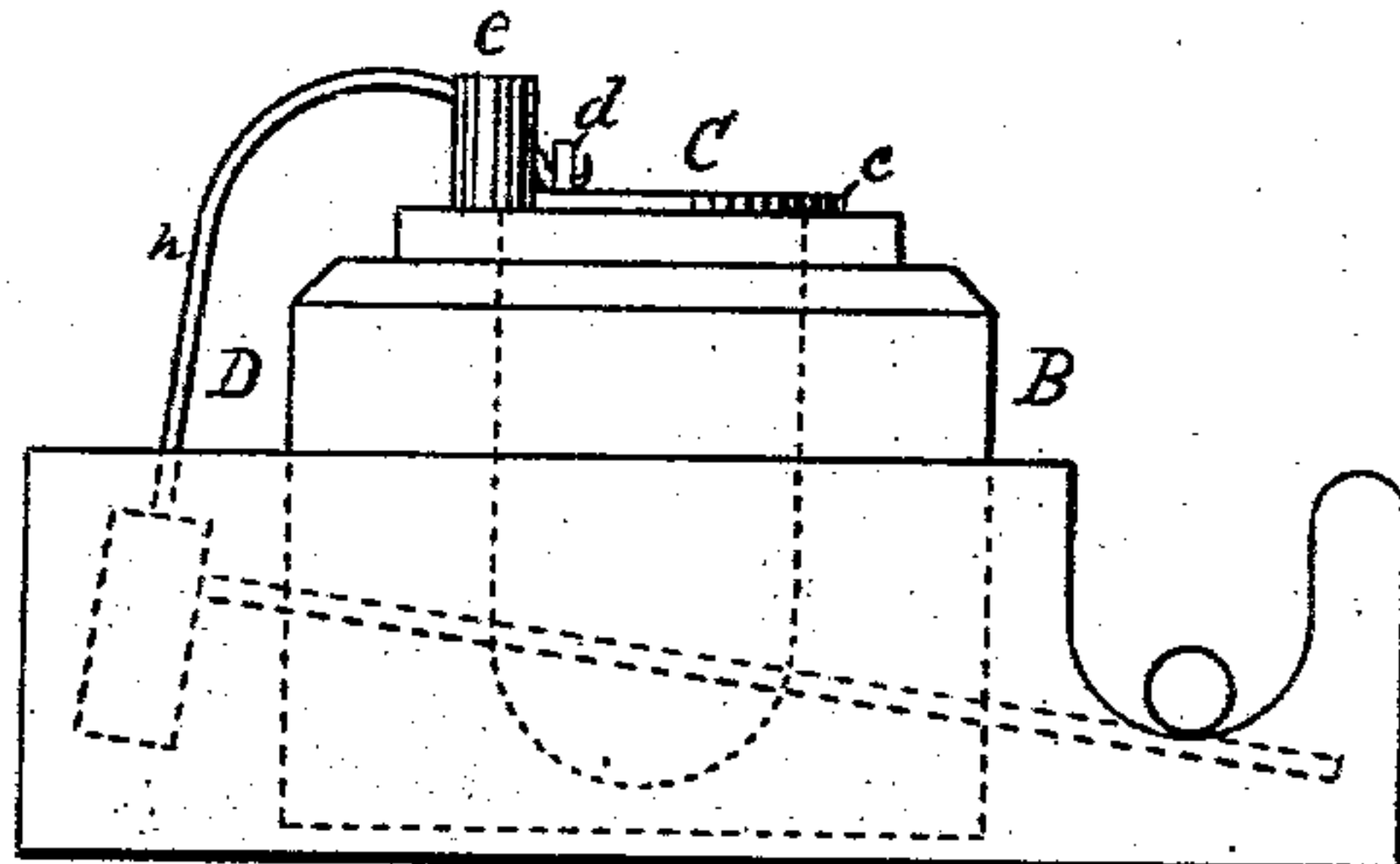


Fig. 2 - A

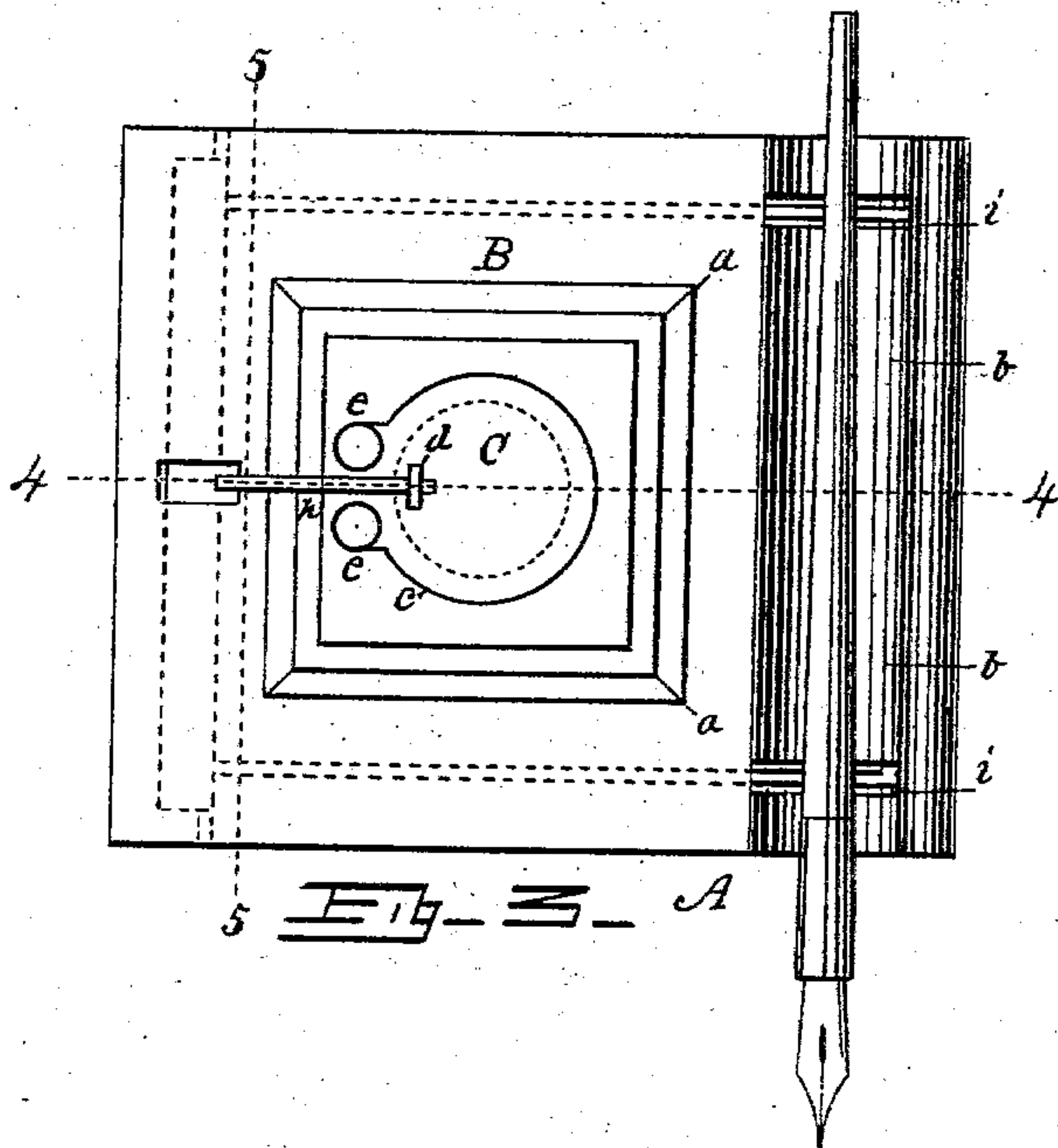


Fig. 3 - A

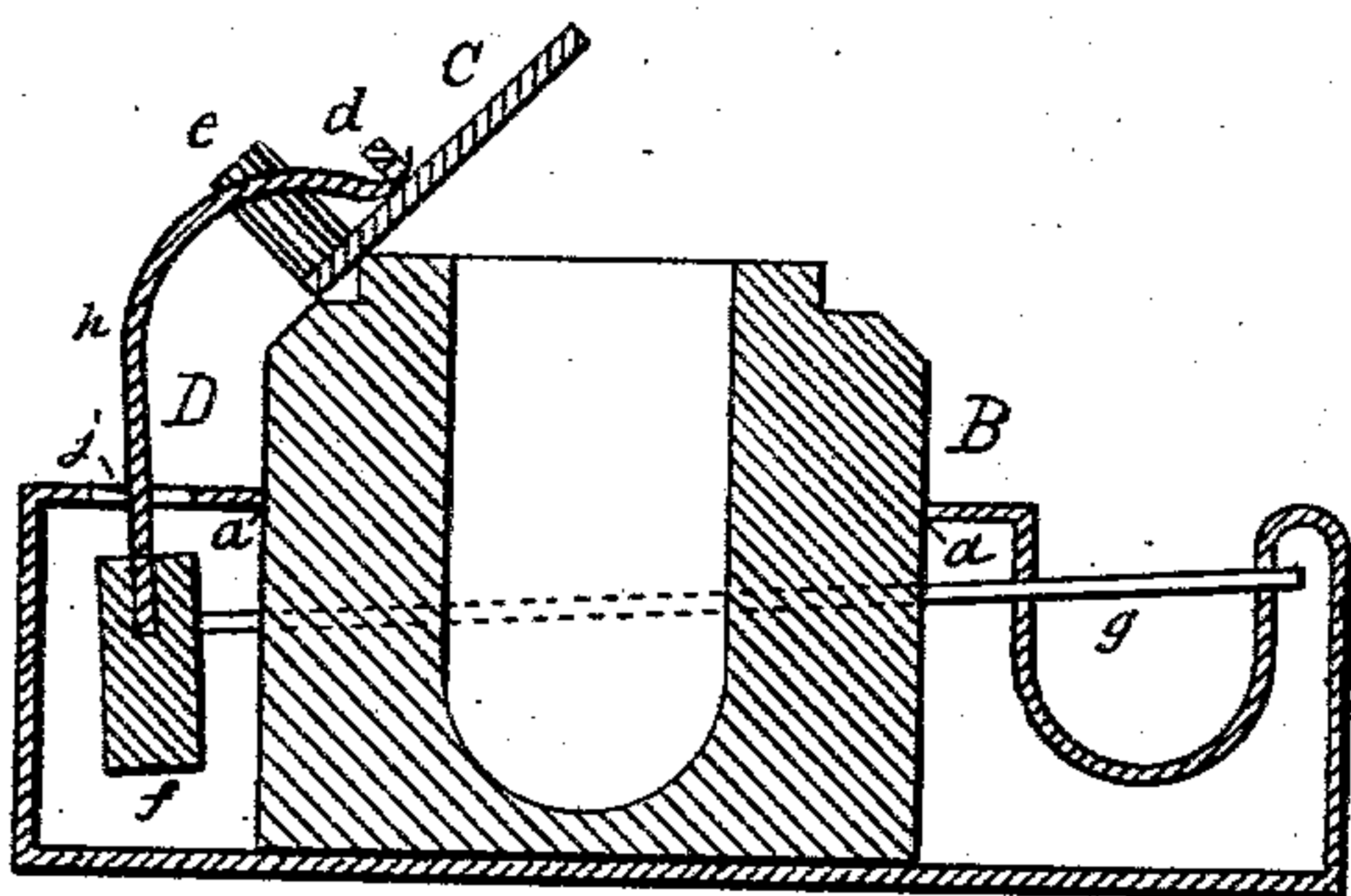


Fig. 4 - A

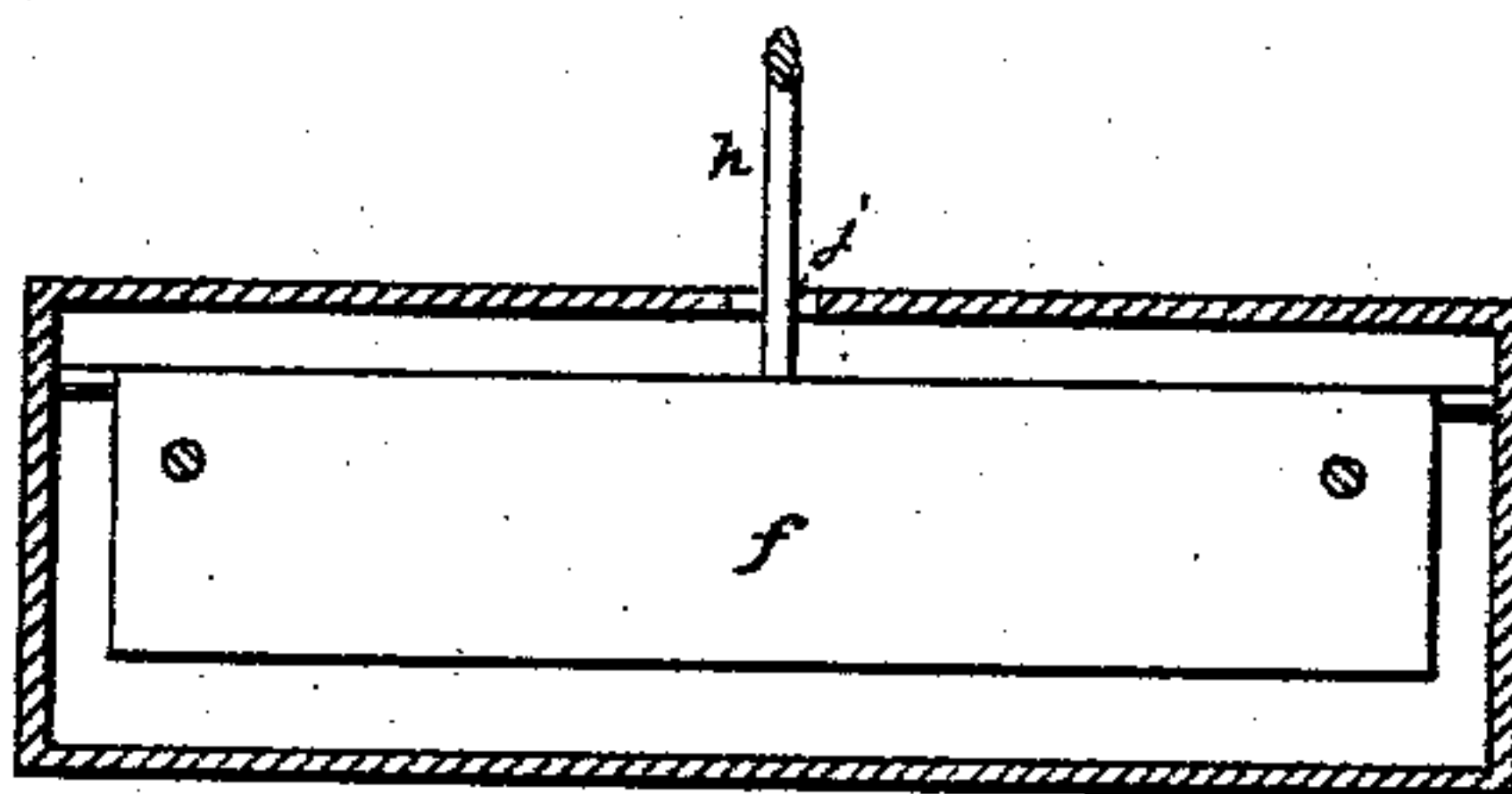


Fig. 5 - A

WITNESSES

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# UNITED STATES PATENT OFFICE.

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## INKSTAND.

SPECIFICATION forming part of Letters Patent No. 740,508, dated October 6, 1903.

Application filed August 7, 1902. Serial No. 118,808. (No model.)

*To all whom it may concern:*

Be it known that I, ROBERT H. YOUNG, of Minneapolis, county of Hennepin, and State of Minnesota, have invented a new and useful Improvement in Inkstands, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, which form a part of this specification.

My invention relates to a class of inkstands wherein the ink-well is automatically opened when the penholder is removed from, and automatically closed when the penholder is returned to, its receptacle therein; and it consists of a case adapted to receive and to support the auxiliary parts, an ink-well seated therein, a cover adapted to close the said ink-well, and an operative mechanism for removing the said cover from and returning it to the said ink-well, the whole constituting a simple and efficient inkstand and pen-holder.

In the accompanying drawings, Figure 1 is a side elevation of an inkstand open; Fig. 2, the same closed; Fig. 3, a top view thereof; Fig. 4, a vertical section of Fig. 3 taken on the line 4 4, and Fig. 5 another vertical section of Fig. 3 taken on the line 5 5.

Similar letters refer to similar parts throughout the several views.

A is the case; B, the ink-well; C, the ink-well cover, and D the operating mechanism.

The case A consists of a rectangular box closed upon its top, bottom, and sides, preferably about four times as long and three times as wide as it is deep, although its dimensions are not an essential feature of construction. It is fashioned with an opening *a* in its deck, adapted to receive the ink-well B, which opening may be of any size or shape to accommodate the ink-well to be used. It is also fashioned near its front end with a trough or groove *b*, adapted to serve as a receptacle for the penholder when the same is not in use.

The ink-well B may be fashioned of any suitable material, as glass, metal, celluloid, and the like, and in any required form, a rectangular form being preferable, to the end that it harmonize with the case A. It should have a smooth even surface surrounding the well, (the receptacle for the ink,) as the cover

C is designed to rest upon rather than to be received within the opening in closing it.

The cover C consists of a plate *c*, preferably circular in its general form, its upper surface being provided with the loop *d*, by means of which it is suspended from an arm of the operating mechanism hereinafter described, and with the weights *e*, the purpose of which will hereinafter be set forth. The operating mechanism D consists of a rock-shaft *f*, the rock-shaft levers *g*, and the tilting arm *h*, the whole constituting a gravity-controlled automatic device for opening and closing the ink-well.

The rock-shaft *f* consists of an incased horizontal bar of metal, the ends of which are pivotally affixed in the interior walls of the parallel side pieces of the case A near its rear end, and is held normally in place by gravitation. The partially-incased rock-shaft levers *g* are rigidly affixed in the front side of the rock-shaft *f* near its ends, extend horizontally therefrom in a forward direction, pass through slits *i* in the depressed portion of the case A, (the portion forming the trough or groove *b*), and lie across the receptacle for the penholder. The tilting arm *h* is rigidly affixed in the upper side of the rock-shaft *f*, extends vertically therefrom through a slit *j* in the deck of the case A, thence is forwardly and downwardly bent to a "gooseneck," terminating in a downwardly-turned hook *l*, adapted to engagement with the loop *d* of the cover C.

The operation of my device is as follows: My ink-well B is normally open, the cover C hanging above and to the rearward of the opening therein. Then as the penholder is laid upon the outer ends of the rock-shaft levers *g* (within the receptacle *b*) its weight will depress the said levers, thereby deflecting the rock-shaft *f*, whereby the upper end of the tilting arm *h* will be thrown forward, when the free swinging cover suspended therefrom will overlap the opening of and cover the ink-well B. Then, again, when the penholder is removed from the receptacle *b* and off the rock-shaft levers *g* the rock-shaft *f* (being actuated by gravitation) will swing back to its normal position, the rock-shaft levers *g* will be raised to a horizontal position, the tilting



arm *h* will be thrown rearward, and the cover *c* suspended thereon will be drawn rearward and off the opening of the ink-well B, when the weights *e* of the cover C will operate to over-  
 5 balance the plate, thereby tilting it to an inclined position, as shown.

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

- 10 1. In an inkstand, the combination of a case having a top, bottom, side and end pieces, said top piece having an opening therein adapted to receive an ink-well; an ink-well extending downward through the opening in the  
 15 said top piece, and seated upon the said bottom piece; a rock-shaft pivoted off its center to the said side pieces and lying in the rear of the said ink-well; rocking levers affixed to, and extending laterally from the front of the  
 20 said rock-shaft, and outward through the said case; a tilting lever affixed to, and extending upward from the top of the said rock-shaft, in the rear of the said ink-well, and terminating in a forwardly-inclined portion  
 25 overhanging the said ink-well; a cover suspended upon, or pivotally affixed to the overhanging portion of the said tilting lever; and a weight or counterbalance affixed to the said  
 30 cover in the rear of its suspending attachment, all substantially as shown and for the purposes specified.

2. In an inkstand, the combination of a case having a top, bottom, side and end pieces; an ink-well extending downward through an

opening in the said top piece and resting 35 upon the said bottom piece; a rock-shaft lying within the said case and in the rear of the said ink-well; a tilting lever affixed to the said rock-shaft in the rear of the said ink-well, the upper end of which is forwardly 40 bent to overhang the said ink-well; a cover hanging upon the overhanging portion of the said tilting lever, and a weight or counterbalance affixed to the said cover in the rear of the said point of suspension and means for 45 rocking the said rock-shaft, tilting the said tilting lever, whereby the said cover is removed from, and restored to the said ink-well, substantially as shown and described.

3. In an inkstand, the combination of a hol- 50 low base having a bottom piece, an ink-well seated upon, and supported by the said bottom piece, and operating mechanism for opening and closing the said ink-well, said mechanism embodying a rock-shaft pivotally 55 affixed in the said hollow base, rocking levers affixed thereto and extending laterally therefrom through suitable openings in the said base, a tilting lever affixed to, and extending vertically from the said rock-shaft 60 through the top of the said base, and an unbalanced cover suspended upon the said tilting lever, substantially as shown and for the purpose specified.

ROBERT H. YOUNG.

Witnesses:

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 F. G. SKINNER.