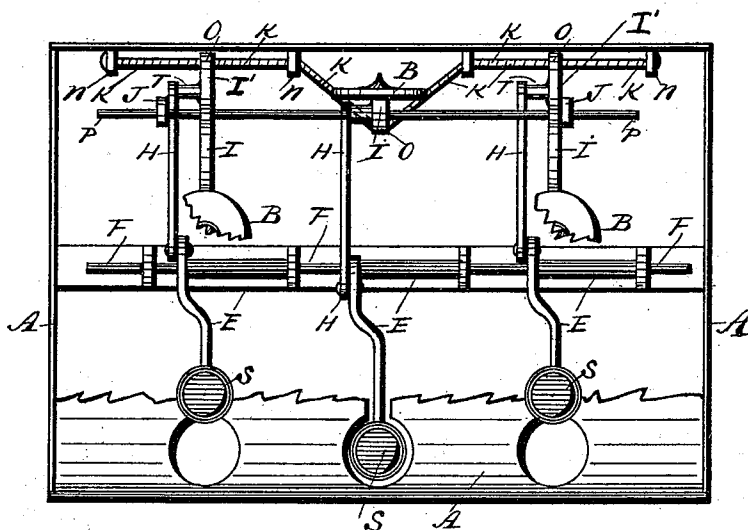
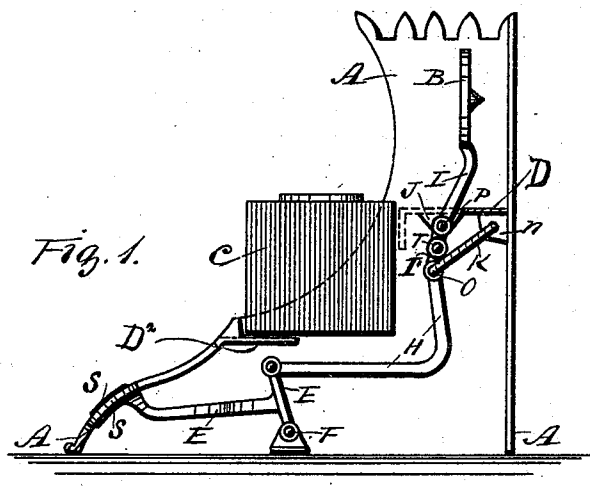


(No Model.)

C. G. KNOTT.
INKSTAND.

No. 488,822.

Patented Dec. 27, 1892.



Witnesses.

Duncan H. Miller
A. McKenzie.

Inventör.

Charles G. Knott
by John Hendry his
Atty.

UNITED STATES PATENT OFFICE.

CHARLES G. KNOTT, OF HAMILTON, CANADA.

INKSTAND.

SPECIFICATION forming part of Letters Patent No. 488,822, dated December 27, 1892.

Application filed September 21, 1891. Serial No. 406,306. (No model.)

To all whom it may concern:

Be it known that I, CHARLES G. KNOTT, a citizen of Canada, residing at Hamilton, in the county of Wentworth, in the Province of Ontario, Canada, have invented a new and useful Automatic Inkstand, of which the following is a specification.

My invention relates to improvements in an ink-stand, having a series of bottles for holding different colors of ink, so arranged and devised, that when the lid of one bottle is open, the other bottles are covered by their respective lids, which work automatically, rendering it impossible to make a mistake in using the wrong color of ink.

The objects of my improvements are, to improve the prior construction; to provide an ink-stand which shall contain three bottles, the front of each to be exposed to view, this object being a very essential and important element in the construction thereof, enabling the user to see distinctly the color of ink in each bottle; and to afford facilities for the opening and closing of the desired lids. I attain these objects by the mechanism illustrated in the accompanying drawings, in which:

Figure 1 represents a central end elevation, with bottle in position, and the mechanical device pertaining to one bottle lid is fully shown in open position. Fig. 2 is a plan of the same with the bottles removed, and the covered part of the ink-stand, and a part of the two outer lids broken away to show the internal mechanism as it appears with the central lid open and the others closed.

Similar letters refer to similar parts throughout the several views.

The ink-stand, which may be elaborately ornamented and figured, is indicated in the drawings by A, and the bottles, of which only the central one is shown, by C. The bottles are placed side by side, in close proximity to each other, and arranged to allow the levers with their connections to operate behind and below the said bottles.

When it is desired to open a lid, one of the three buttons, S, is pressed down, and the result is, the lid, B, of the bottle opposite, opens by means of the button lever, E, which is pivoted to and works easily on the rigid bear-

ing shaft, F, which shaft is common to and supports all the button levers E. The upper end of this oscillating lever, E, is pivoted to the elbow-shaped connecting arm, H, the upper end of which pivots to the central eye of the shank, I, of the bottle lid, B. These shanks, I, of the several lids are hinged intermediate their ends on the rigid shaft, P, which is supported by the lugs, J, and this shaft is common to and supports all the lid-shanks.

To give tension and stability to the lids and mechanical parts of the ink-stand, and especially to keep in position any open lid, a cord, K, of a cat-gut nature, is provided, which runs through the lugs, N, and through the three eyes, O, at the extreme ends of the tail-pieces I' of the shanks, I, of said lids, each end of said cord being fastened to the end lugs, N, and is allowed a certain slackness as shown, to facilitate the action of the lids when operated upon. The projecting studs, T, of the shanks, I, pivots and projects the elbow arm, H, from the shanks.

The ink stand comprises an elevated top plate or frame D above which is a pen rack, and between this top plate or frame and the buttons or finger-pieces is arranged a platform or support D² which serves to support ink bottles or receptacles in such manner that they are fully exposed at their front sides to the view of the user, thereby enabling the color of ink in each bottle to be distinctly observed. The bottle platform or support D² is located at a lower level than the top plate or frame D and the arrangement is such that the top portions of the ink bottles are approximately on a level with said top plate or frame.

What I claim as my invention, and desire to secure by Letters Patent, is:

1. An ink stand having upper and lower parallel shafts P and F, a top plate or frame D, a series of button levers E hinged to lower shaft, a bottle holding platform or support D² located between the top plate or frame and the button levers for holding the ink bottles exposed to view at their front sides, the hinged bottle lids B, and connections between the button levers and the lids, substantially as described.

2. An ink stand having upper and lower parallel shafts P and F, a top plate or frame D, a series of button levers E hinged to the lower shaft, a bottle holding platform or support D² located between the top plate or frame and the button levers for holding the ink bottles exposed to view at their front sides, bottle lids B having shanks I hinged to the upper shaft and provided with tail-pieces I', a slack cord K loosely engaging the said tail-pieces, and elbow levers H pivoted to the tail-pieces of the lid shanks and to the button levers, substantially as described.

3. An ink stand having upper and lower parallel shafts P and F, a series of button le-

vers E hinged to the lower shaft, a bottle holding platform or support D², the bottle lids B having shanks I hinged intermediate their ends to the upper shaft to provide each shank with a tail-piece I' which is constructed with an eye O, a slack cord K loosely engaging the eyes of the tail-pieces, and elbow levers H pivoted at one end to the tail-pieces of the lid shanks and at the opposite end to the button levers, substantially as described.

CHARLES G. KNOTT.

Witnesses:

H. C. BIRGE,
W. F. COOTE.