

(No Model.)

J. URQUHART.
AUTOMATIC INKSTAND.

No. 470,226.

Patented Mar. 8, 1892.

Fig. 1.

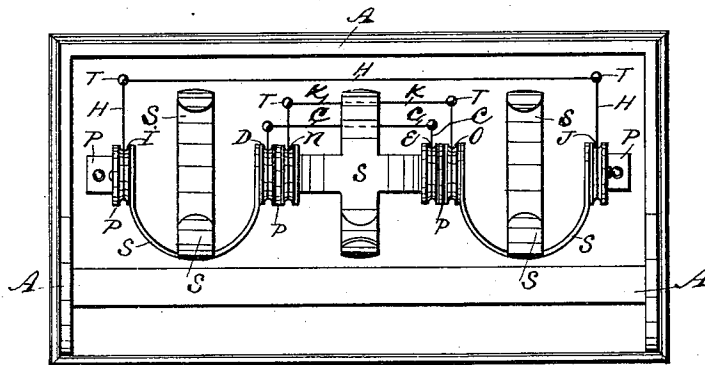
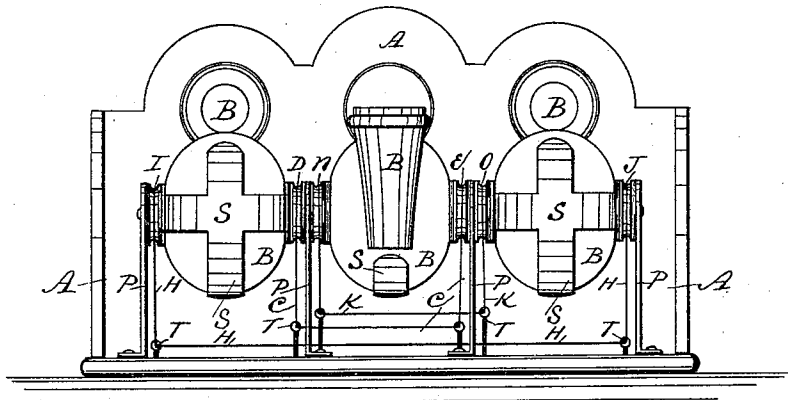
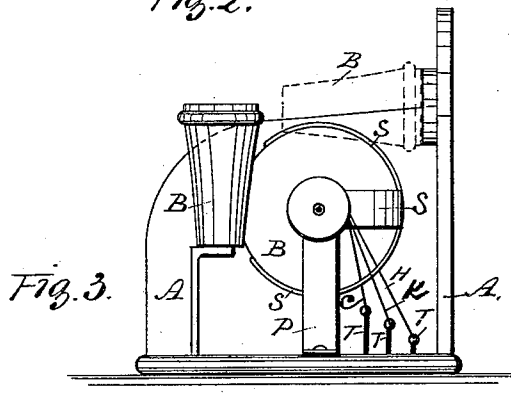


Fig. 2.



Witnesses.
Alfred Young
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UNITED STATES PATENT OFFICE.

JOHN URQUHART, OF HAMILTON, CANADA.

AUTOMATIC INKSTAND.

SPECIFICATION forming part of Letters Patent No. 470,226, dated March 8, 1892.

Application filed July 18, 1891. Serial No. 399,992. (No model.)

To all whom it may concern:

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

My invention relates to improvements in an automatic inkstand, which comprises a stand containing three bottles, each bottle being securely held and supported by a separate clip-spring at its side and one also pressing very tightly on its outer circular line. These separate springs, with their bottles, are operated automatically by means of cords or small chains, which connect to the said springs; and the object of my improvement is to provide an inkstand to contain three different colors of ink and to afford facilities for using any one color at a time with the other two colors or the bottles containing the same closed; also, to provide means for effectually and easily adjusting the bottles to position after cleaning and filling the same without in the least disturbing the mechanism of the stand. I attain these objects by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a front elevation of an inkstand having its central ink-bottle open for use, while the two end ones, having their entrances against the back of the stand, are closed. In this view the front part of the stand is removed in order to show the internal mechanism. Fig. 2 is a plan of the same having the ink-bottles removed to show their clip-springs. Fig. 3 is an end elevation having the end of stand removed to show the central bottle open and held by its clip-spring, also the position of the same when closed. (Shown by broken lines.)

Similar letters refer to similar parts throughout the several views.

The inkstand is indicated by A, and the ink-bottles by B. The springs S, which clip the said bottles at their outer circular line, are operated by cords.

In order to close the central bottle (shown open in Fig. 1) and open the one at the left hand, the latter is brought down and the cord C runs over the pulley D and runs off the pulley E, thus drawing the central bottle up and closing it; and in order to close the left-hand bottle and open the right-hand one when the same is brought down the cord H runs on the pulley I and off the pulley J, thus closing the left-hand bottle. In bringing down the central bottle in order to open the same the cord K runs over the pulley n and off the pulley O. In closing the central bottle all three now being closed allows all the cords to have a certain slackness. The said pulleys are attached to the said clip-springs, which are pivoted to the standards. All the said cords run through the eyes T, which fasten to the base of the stand A.

To these ends my invention consists in its novel construction and combination of its parts to accomplish the purposes, as set forth.

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

In an automatic inkstand, the stand A, provided with the bottles B, held by their clip-springs S, the pulleys, cords, and eyelets, as described, and the pulley-standards P, all formed, arranged, and combined substantially as described and set forth.

JOHN URQUHART.

Witnesses:

ROBERT MARSHALL,
A. MCKENZIE.