

C. C. MILES.
INKSTAND.
APPLICATION FILED DEC. 21, 1908.

953,917.

Patented Apr. 5, 1910.

Fig. 1.

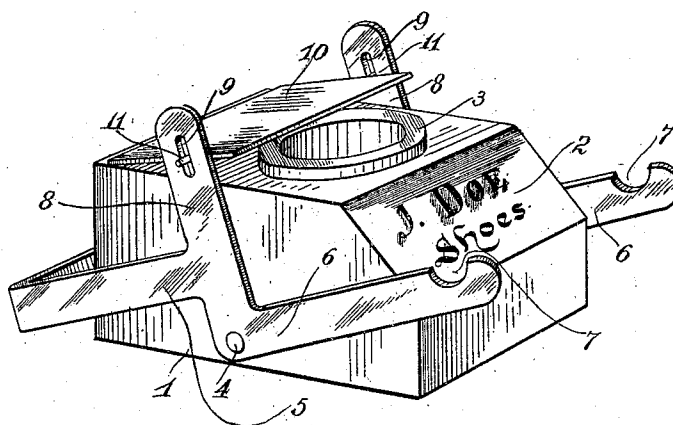


Fig. 2.

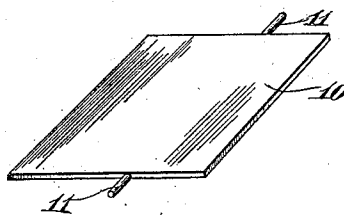
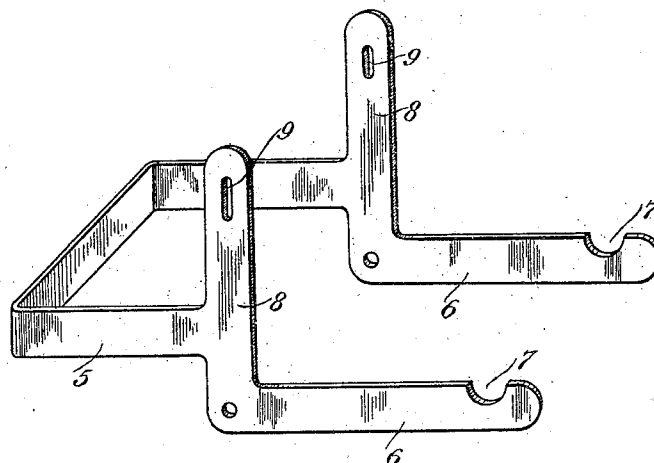


Fig. 3.

Witnesses:

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UNITED STATES PATENT OFFICE

CHARLES C. MILES, OF CHICAGO, ILLINOIS.

INKSTAND.

953,917.

Specification of Letters Patent.

Patented Apr. 5, 1910.

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To all whom it may concern:

Be it known that I, CHARLES C. MILES, a citizen of the United States, residing at Chicago, county of Cook, and State of Illinois, have invented certain new and useful Improvements in Inkstands, of which the following is a specification.

My invention relates to ink stands and more specifically to such as are provided with automatically removable and replaced ink reservoir covers.

The object of my invention is to provide an ink stand of the character mentioned so constructed that, by the placing of a pen holder thereon will cause the cover of the reservoir thereof to be automatically closed or positioned over the reservoir, and by the removing of said pen holder from the stand will permit of the automatic opening or displacement of said reservoir cover.

A further object of my invention is to provide a device of the character stated which will be of the highest possible efficiency, and further one which will be of extremely simple construction, hence of low cost to manufacture.

Other objects will appear hereinafter.

With these objects in view my invention consists in an ink stand characterized as above mentioned and in certain details of construction and arrangement of parts all as will be hereinafter fully described and particularly pointed out in the claims.

My invention will be more readily understood by reference to the accompanying drawings forming a part of this specification, and in which—

Figure 1 is a perspective view of the preferred form of my device. Fig. 2 is a detail perspective of the ink reservoir cover actuating frame, and Fig. 3 is a detail perspective of the ink reservoir cover.

Referring now to the drawings 1 indicates a suitably shaped, but preferably substantially rectangularly formed ink stand, the same being formed of any suitable material but preferably of sheet metal such as aluminum. As shown in the drawings, the upper front edge portion of said stand is preferably beveled as at 2, upon which surface may be arranged, if desired, an advertisement, in the event of the using of the device for such purposes. Provided in said stand is a suitable ink reservoir or well 3. Pivotaly secured as at 4 to the side walls of said stand and close to the bottom edge

thereof is a suitable frame formed of a pair of bell crank levers connected by a yoke portion, said frame being preferably formed of a single piece of sheet metal. The bell crank levers comprise the forwardly extending arms 6 which project beyond the front of the device where their upper edges are suitably notched to receive a pen-holder, and the upwardly extending arms 8 which project above the upper surface of the stand. The arms 8 of the bell crank levers are connected by the yoke 5 which consists of a single strip projecting rearwardly from the arms 8 a distance above the lower end or pivot 4 thereof and bent into rectangular shape as shown clearly in Fig. 2 of the drawing. The yoke 5 is of greater weight than that of the arms 6, hence normally tends to tilt the frame backwardly. However the difference in weight is such as to be readily over balanced by a pen resting in the notches 7 at the forward ends of the arms 6.

10 indicates a cover or closure for the ink well which may be of any design but preferably comprises a rectangular plate provided with cylindrical pintles 11 projecting outwardly from the lateral edges thereof and the upper ends of the lever arms 8 are longitudinally slotted as at 9 to receive said pintles. The pintles are arranged slightly forwardly from the center in order to tilt the lid backwardly which facilitates the operation of the device, particularly in closing the same.

When the device is in use, as long as the pen rests in the notches 7 the frame is tilted forwardly which positions the lid above the ink well thereby closing the same. As soon as the pen is lifted from the arms 6 the weight of the yoke 5 tilts the frame backwardly removing the cover from the well, the yoke 5 by contacting with the surface upon which the ink well rests forming a stop to limit the rearward swing of the frame and closure.

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

1. An ink stand and an ink well therein, in combination with a frame pivotally mounted on said stand and comprising a pair of bell crank levers and a rearwardly extending yoke connecting said levers, each of said bell crank levers consisting of a forwardly extending arm projecting beyond

the front of the stand and an upwardly extending arm projecting above the top thereof, a closure for said ink well mounted between the upper ends of said upwardly extending arms the forward ends of the forwardly extending arms being notched to receive a pen holder, said yoke being slightly greater in weight than said forwardly extending arms, substantially as described.

2. An ink stand and an ink well therein, in combination with a pair of bell crank levers pivotally mounted upon opposite sides thereof and each comprising a forwardly extending arm projecting beyond the front of said stand and an upwardly extending arm projecting above the top of said stand, a yoke rigidly connecting said levers and of slightly greater weight than said forwardly

wardly extending arms and extending rearwardly from said levers, the forward ends of said forwardly extending arms being notched to receive a pen holder, and the upper ends of said upwardly extending arms being longitudinally slotted, and a closure for said ink well comprising a plate having laterally extending pintles engaging the slotted upper ends of said arms, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

CHARLES C. MILES.

Witnesses:

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