(No Model.)

C. DE ROBERTS.

INKSTAND.

No. 266,111. Patented Oct. 17, 1882.

Fig. 1.

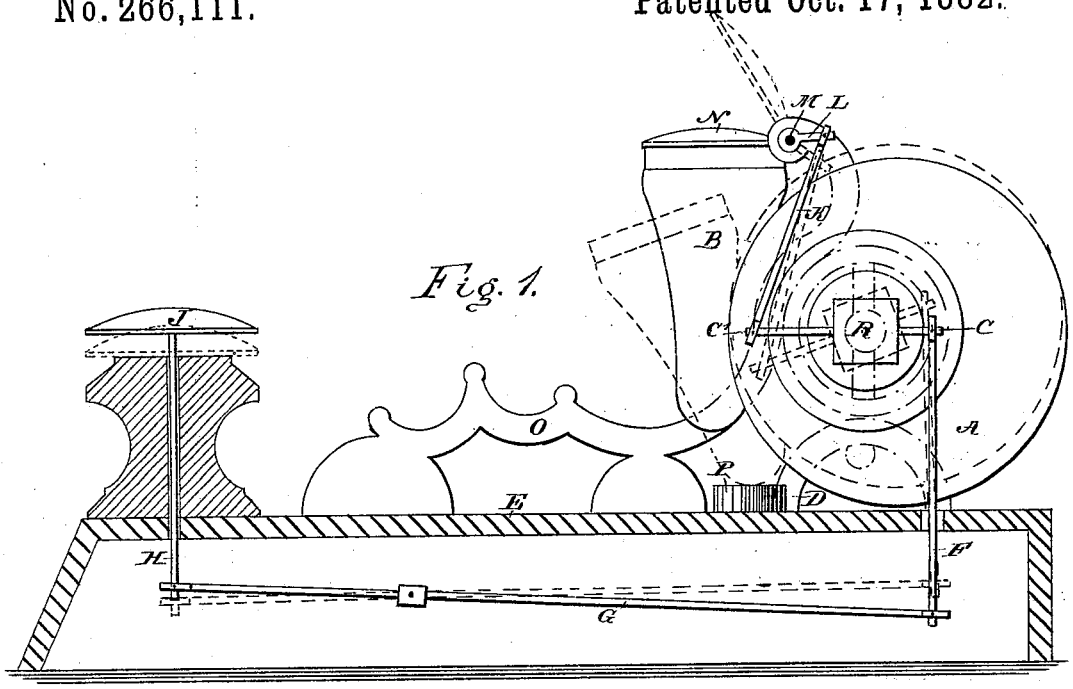
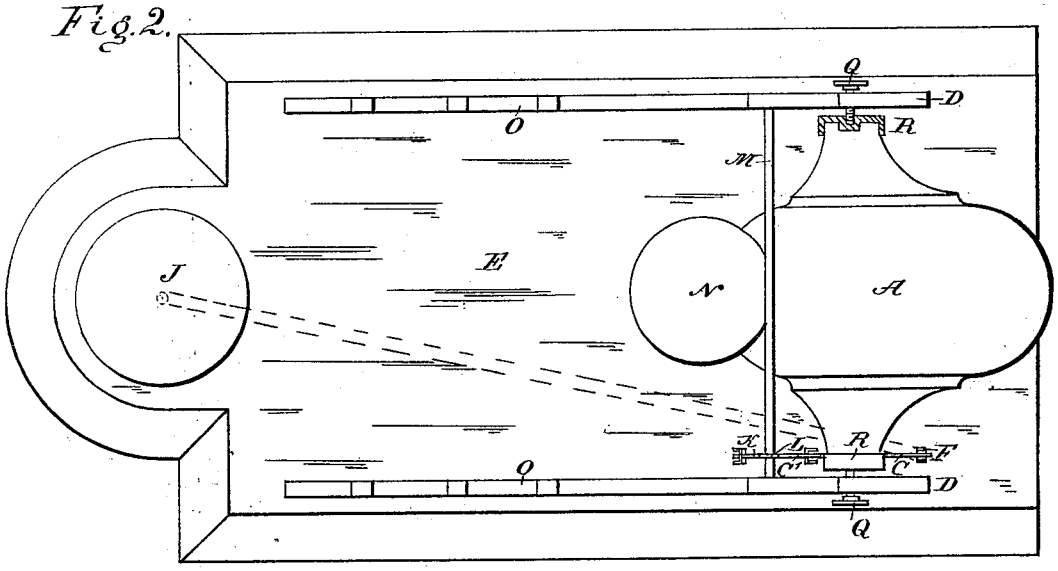


Fig. 2.



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UNITED STATES PATENT OFFICE.

CHARLES DE ROBERTS, OF ALBION, NEBRASKA, ASSIGNOR TO HIMSELF AND THOMAS P. STEPHENS, OF RED OAK, IOWA.

INKSTAND.

SPECIFICATION forming part of Letters Patent No. 266,111, dated October 17, 1882.

Application filed April 21, 1882. (No model.)

To all whom it may concern:

Be it known that I, CHARLES DE ROBERTS, of Albion, in the county of Boone and State of Nebraska, have invented a new and Improved Inkstand, of which the following is a full, clear, and exact description.

The object of my invention is to provide a new and improved automatically-closing inkstand for the purpose of preventing foreign matter from passing into the ink, and prevent evaporating and thickening of the ink.

The invention consists in a swinging ink-vessel provided with a spout and with a swinging cover, which ink-vessel and cover can be operated by means of levers and connecting-rods in such a manner that when a knob projecting from the front of a lever pivoted in the base of the inkstand is depressed the spout will be swung downward and the cover will be raised, so that a pen can be passed through the spout into the ink, as will be fully described hereinafter.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in both the figures.

Figure 1 is a side elevation, partly in section, of my improved inkstand. Fig. 2 is a plan view of the same.

The ink-vessel A, which is of the type known as the "snail shape," is provided with an upwardly-projecting, spout, B, and with square side projections, having central depressions in their ends, which side projections are covered with metal caps R, which are secured on the said projections by means of some suitable cement. In the face of these metal caps are apertures for receiving the ends of the screws or pivots passing through the standards D, on which the inkstand is journaled. The standards D rest and are secured on a base, E, these pivots being a short distance to the front of the center or middle of the sides of the ink-vessel, so that the same will be pivoted eccentrically. The arms C C′ of one of the caps R project toward the front and rear. The rear end of the arm C is pivoted to a rod, F, projecting downward through the base E, and having its lower end pivoted to the rear end of a lever, G, pivoted to the bottom of the hollow or recessed base in the front part of the same. The front end of the lever G is provided with an upwardly-projecting rod, H, provided at its upper end with a button or knob, J, above the base E.

To the front end of the arm C′ is pivoted the lower end of a rod, K, the upper end of which is pivoted to a short arm, L, projecting toward the rear of the base from a shaft, M, journaled in the standards D above the ink-vessel. To this shaft M the cover N, fitting on or over the spout B, is attached, which cover projects toward the front of the base E. A pen-rack, O, is secured in the base E in front of the ink-vessel A. A cushion, P, of cork, rubber, or other suitable material, is secured on the base E below the lower part of the spout B.

The operation is as follows: As the main weight of the vessel A is behind the pivots in the caps R, to which caps the arms C C′ are secured, the rear part of the vessel will swing downward, thereby raising the spout B and turning down the lid N until the spout B and the lid N come together, and are held in this position by the excess of weight behind the pivots. The cover N rests on the top of the spout B. If the knob J is depressed by the ball of the hand or the wrist, the rear end of the lever G will be raised and will raise the rear end of the lever C, whereby the rear end of the vessel A will be raised and the front end and spout will be lowered. The front end of the arm C will be lowered and will lower the outer end of the arm L, whereby the cover N will be raised, as shown in dotted lines, thus permitting the pen to be passed into the spout B. The cushion P protects the vessel A from being injured by striking against the base. As soon as the hand is raised from the knob the rear part of the vessel A drops again, and the movements of the arms C and the connecting-rod K swings the cover N down on the spout. The spout always remains closed, except when the pen is to be dipped into the ink, and thus prevents foreign matter from passing into the ink-vessel and prevents evaporating and thickening of the ink.

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

1. The combination, with a swinging ink-

vessel, of a swinging cover and devices, substantially as described, for swinging the ink-vessel and cover simultaneously, substantially as herein shown and described, and for the purpose set forth.

2. In an inkstand, the combination, with the swinging ink-vessel A, provided with a spout, of the arm C, the rod F, the pivoted lever G, rod H, and the knob J for operating the lever G, substantially as herein shown and described, and for the purpose set forth.

3. In an inkstand, the combination, with the swinging ink-vessel A, provided with a spout, B, of the rod F, the lever G, rod H, provided with button J, the arms C C′, the rod K, the shaft M, the arm L, and the cover N, substantially as herein shown and described, and for the purpose set forth.

4. In an inkstand, the combination, with the base E and standards D, of the ink-vessel A, pivoted eccentrically to the standards D, the arm C, having its rear end pivoted to a rod, F, pivoted to the rear end of a lever, G, pivoted to the base E, the knob J at the front end of the lever G, the rod H, the rod K, pivoted to the front end of the arm C′, the shaft M, provided with an arm, L, pivoted to the upper end of the rod K, and the cover N, attached to the shaft M, substantially as herein shown and described, and for the purpose set forth.

CHARLES DE ROBERTS.

Witnesses:
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