E. W. STILES.

INKSTANDS.

No. 195,462. Patented Sept. 25, 1877.

Fig. 1.

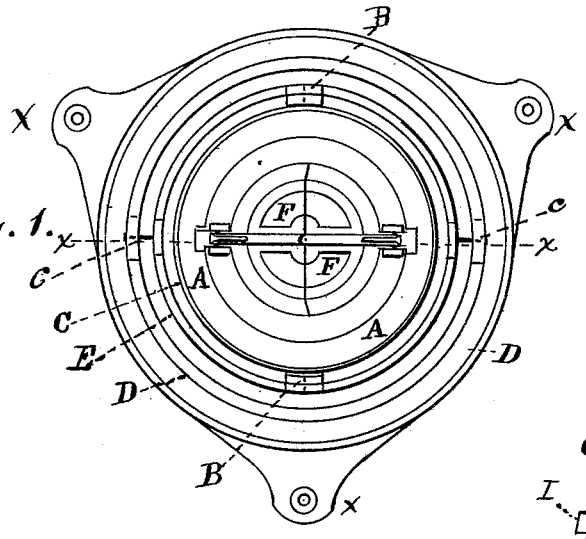


Fig. 2.

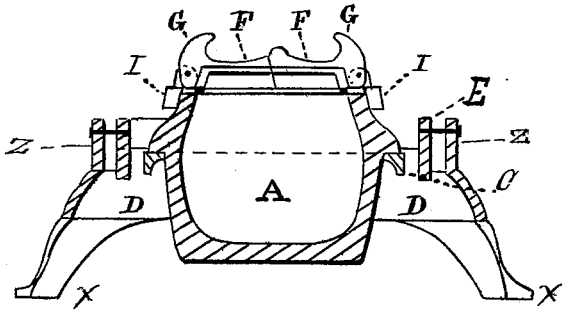


Fig. 4.

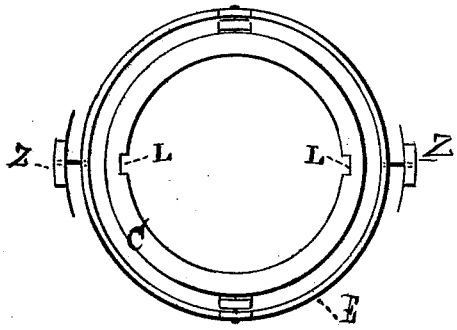
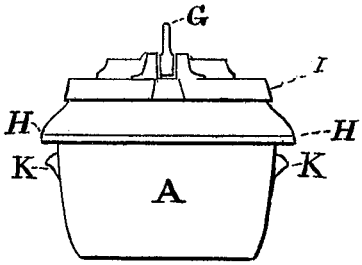


Fig. 3.



Witnesses :

Saml. B. Roune

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UNITED STATES PATENT OFFICE.

ELIZABETH W. STILES, OF PHILADELPHIA, PENNSYLVANIA.

IMPROVEMENT IN INKSTANDS.

Specification forming part of Letters Patent No. **195,462**, dated September 25, 1877; application filed February 27, 1877.

To all whom it may concern:

Be it known that I, ELIZABETH W. STILES, of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Suspended Ink-Wells; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

Figure 1 is a plan view of my invention. Fig. 2 is a vertical section on line *x x* of Fig. 1. Fig. 3 is a side view of the ink-well detached. Fig. 4 is a plan view of the pivoted rings within which the ink-well is placed.

The object of my invention is to suspend an ink-well to a frame or brackets, so that said ink-well shall be kept in constant position, or cork side up, by force of gravity—as, for instance, in the raising of a desk-lid to which the inkstand may be rigidly attached, so that the ink-well maintains a perpendicular position independent of the motion of the object to which the inkstand is attached; also, in the rolling of a ship the constant position of the ink-well is maintained without lateral, oscillatory, or swinging motion.

The device, it is believed, will be especially useful for marine purposes, railway postal-cars, &c., and generally in the construction of desks and secretaries.

In the drawings, Fig. 1, A represents the ink-well, suspended on pivots B B in a metallic ring, C, which operates within another ring, E, to which the said ring C is pivoted at B B. The ring E is supported by the pivots *c c* in the frame D. The pivots are at right angles and equidistant, thereby causing the axes of their revolution to be perpendicular to each other.

In Fig. 2 the seal F F of the ink-well opens from the center on hinges, and its sections are arrested, when poised in proper position, by the projections G G.

In Fig. 3 the flange H rests upon the ring C, (represented in Fig. 4;) and the lugs K K in Fig. 3 are made to slide through the recesses L L in Fig. 4, when a partial revolution of the ink-well to the right or left locks it to the ring C, from which it cannot be released until the said lugs K K are opposite the said recesses L L.

Z Z are ears, and X X are the feet, of the frame D, which are perforated for attachment to a desk or other article.

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

1. The combination of the hinged seals F F, provided with projections G G, with the band I, substantially as and for the purpose set forth.

2. The combination of a binnacle-balanced fluid-receptacle and of twin seals or covers, pivoted at the periphery of the orifice of the receptacle, and opening outwardly from the center thereof, whereby, when the seals are open, the equilibrium of the receptacle is maintained.

3. As a new article of manufacture, an inkstand consisting of the following elements, to wit, the raised annular ring-frame D, provided with perforated feet X and ears Z, the gimbal mechanism, and the receptacle A, with twin seals or covers F F, substantially as described.

In testimony that I claim the foregoing as my own invention I affix my signature in presence of two witnesses.

MRS. ELIZABETH W. STILES.

Witnesses:
Mrs. M. A. MAXWELL,
Miss MARY L. SHERMAN.