(No Model.)

B. HAMBURGER.

COMBINATION INKSTAND.

No. 305,074. Patented Sept. 16, 1884.

Fig. 1.

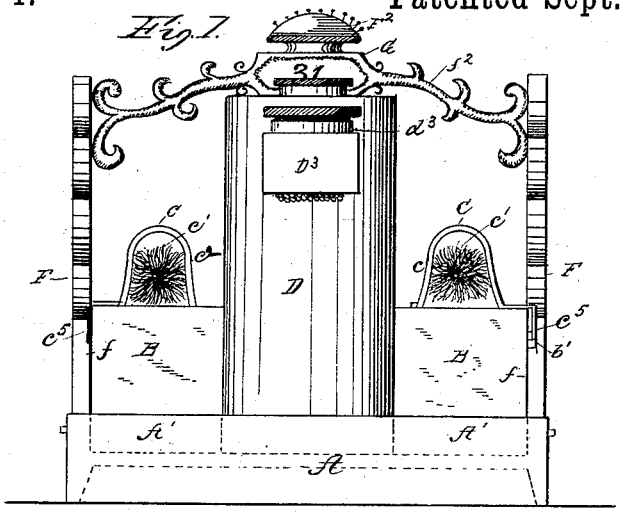


Fig. 2.

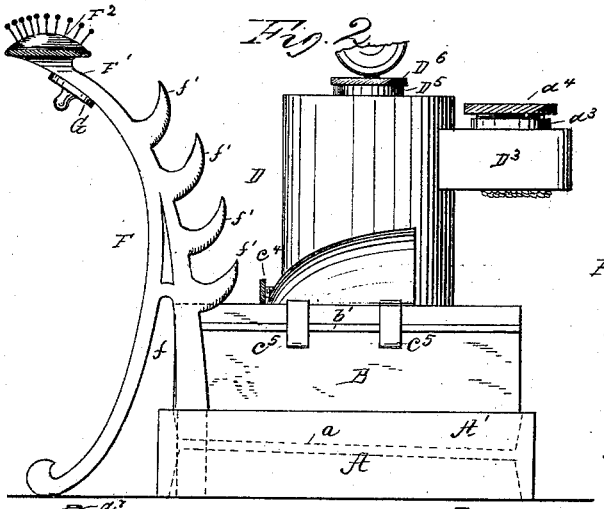


Fig. 3.

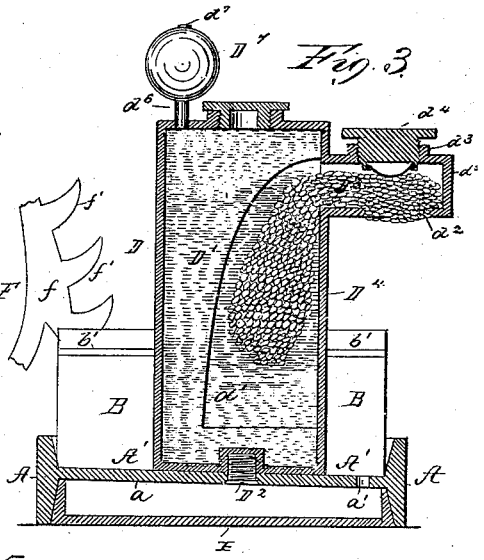


Fig. 4.

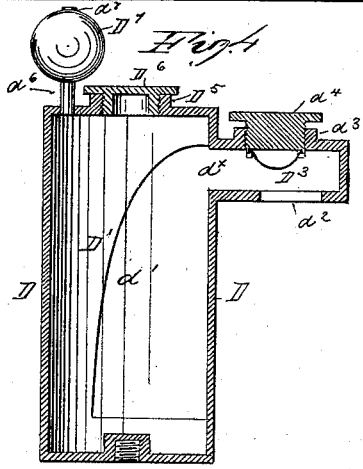


Fig. 5.

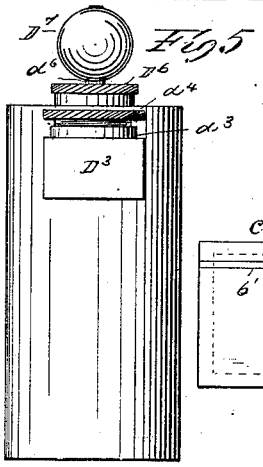


Fig. 6.

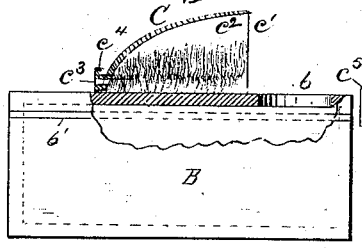
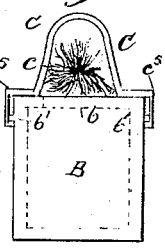


Fig. 7.



Witnesses
Gabriel Fr. Galster
Robert Hartmann

Inventor
Bernard Hamburger

UNITED STATES PATENT OFFICE.

BERNARD HAMBURGER, OF NEW YORK, N. Y.

COMBINATION-INKSTAND.

SPECIFICATION forming part of Letters Patent No. 305,074, dated September 16, 1884.

Application filed November 27, 1883. (No model.)

To all whom it may concern:

Be it known that I, BERNARD HAMBURGER, a citizen of the United States, residing in New York city, in the county and State of New York, have invented an Improved Combination-Inkstand, of which the following is a specification.

My invention relates to an improved device embodying two or other number of ink-holders, a pen wiper or wipers, a trough or tray for the collection and retention of any surplus water or waste ink, an envelope or stamp dampener, a pen or pencil rack, a calendar, and a pincushion.

The accompanying drawings form part of this specification, and illustrate what I consider the best means of carrying out my invention.

Referring to the drawings, Figure 1 is a front view, Fig. 2 a side view, and Fig. 3 a vertical section, of my improved device. Fig. 4 is a vertical section, and Fig. 5 a front view, of the envelope or stamp dampener separately. Fig. 6 is a side view, partly in section, of one of my ink-holders and pen-wipers. Fig. 7 is a front view of the same.

In each of the views similar letters of reference are employed to indicate like parts in all the figures.

A represents the main frame of the device, which is by preference formed of metal, although it may be wholly or in part formed of papier-maché, celluloid, or other suitable material.

B B are a pair of ink-receivers, by preference formed of rectangular shape, and supported in a dish or pan, A′, forming part of the main framing A. The ink-receivers B are formed with holes or apertures *b*, for the admission of the pen of a writer using the device.

Upon the upper side of the ink-receivers B and in the rear of the openings *b* are mounted or arranged pen-wiping devices C, which are shown composed of a flaring or semi-bell-shaped casting or frame, *c*, having an open mouth, *c′*, facing the writer. Within the casting or frame *c* is a pen-wiper, c^2, composed of bristles, cloth, felt, or other suitable material.

In the arrangement shown in the drawings I have represented the wiper composed of bristles mounted upon a steel spring or wire, c^3, which is held in position, as shown by Fig. 6, by passing through a screw-nipple or holding means, c^4, formed on or affixed to the rear end of the casting or frame. By arranging the wiper within a casting or frame, *c*, as described, all danger of damage to adjacent articles by reason of the spirting of ink is avoided.

The pen-wiping devices C are held in position on the ink-holders B by means of clips or holding-pieces c^5, which are adapted to pass over ribs *b′* or other suitable holding devices formed on or applied in or upon the ink-holder B.

Between the ink-holders B B, I arrange a dampener, D, composed of a water or liquid receiver, D′, which is by preference retained in position on the platform *a* of the frame A by means of a screw, D^2, passing through the platform *a* and entering a socket or female screw, *d*, formed in the under side of the receiver D′.

Within the receiver D′, I arrange a curved pipe or chamber, *d′*, the upper end of which is connected with a passage, *d**, formed in the side of the receiver D′, and connected with or leading to a box or tube, D^3, extending from the upper part of the front face of the receiver D′.

Within the pipe or chamber *d′* and the box or tube D^3 is arranged a dampener, D^4, which nearly fills the box or tube D^3, and extends a considerable distance down within the box or tube D^3. On its under side the box or tube D^3 is formed with an aperture, d^2, through which the dampener D^4 is slightly protruded in position to have the gummed portion of an envelope or the back of a stamp wiped across it for the purpose of wetting the same. Upon its upper side the box or tube D^3 is formed with a socket, d^3, which is tapped to receive a screw-plug, d^4, on the under side of which is mounted or supported a spring or pressing means, d^5, adapted not only to hold the dampener D^4 in position, but also to compress the same, when desired, so as to regulate the flow of moisture to the part protruding through the aperture d^2.

D^5 is an opening formed in the upper part of the receiver D′, for the purpose of filling the

receiver with liquid. This opening D^5 is closed by a screw or other suitable plug or valve, D^6. A pipe or tube, d^6, is also affixed to and leads from the upper part of the receiver D′, and to which is applied a rubber ball or other equivalent device, D^7, capable of forcing air into the receiver D′, when desired, in order to drive the water or liquid from the receiver D′ into the dampener D^4. The ball D^7 is provided with an opening or valve, d^7, capable of being closed by the finger or otherwise when it is desired to compress the ball to force air into the receiver D′.

E is a sliding trough or tray, supported beneath the platform *a*, and adapted to receive any liquid or waste ink that may fall or trickle into the dish or pan A′. Any liquid or ink falling into the dish or pan A′ is conducted into the trough E by means of an opening or orifice, *a′*.

F is a rack or frame provided with hooked portions or projections *f′*, forming recesses adapted for the support of pens, pencils, or other small articles necessary or useful to a writer. The side frames, *f*, of the rack F are connected together by a cross-bar, f^2, in the center of which is mounted a revolving or other suitable calendar, G, and its upper part, F′, is adapted to support a pincushion, F^2.

Modifications may be made in my invention. In some cases I can dispense with the pipe or chamber *d′* and the air-forcing device D^7. When such is the case, an inlet or valve must be formed in the plug D^6 or other suitable part of the upper end of the receiver D′.

The various parts may be of any desired or suitable configuration compatible with their respective operations.

The damping means D^4, I prefer to form of sponge; but it may, however, be formed of woolen cloth, cotton, or other suitable fabric or material capable of absorbing water and of its flowing gently therethrough, either aided by artificial atmospheric pressure or by the natural law of capillary attraction.

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

1. The envelope or stamp dampener D, having a water or liquid receiver, D′, box or tube D^3, and dampening means D^4, all arranged and adapted for operation substantially as described.

2. The combination, with the envelope or stamp dampener, D, having a water or liquid receiver, D′, a box or tube, D^3, and dampening means D^4, of the screw-regulating plug d^4 and pressing means d^5, substantially as shown and described.

3. The combination, with an envelope or stamp dampener, D D′ D^4, of the pipe or chamber *d′* and an air-forcing device, substantially as shown and described.

4. The combination, with the frame A and damping device D, of the waste receiver or pan A′, substantially as and for the purpose described.

In witness whereof I have hereunto set my hand this 20th day of November, 1883.

BERNARD HAMBURGER.

Witnesses:
W. COLBORNE BROOKES,
JOSEPH J. SULLIVAN.