

J. H. KIDDER.

Pen-Wipers.

No. 142,480.

Patented September 2, 1873.

FIG. 1.

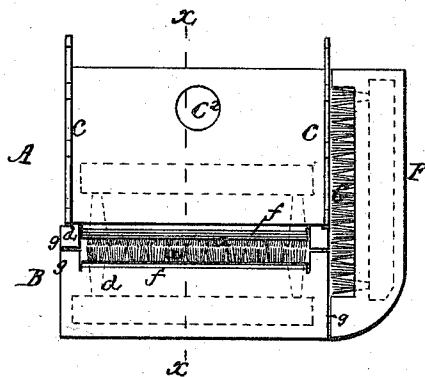


FIG. 2.

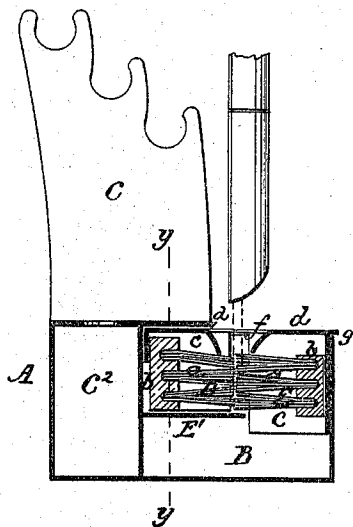
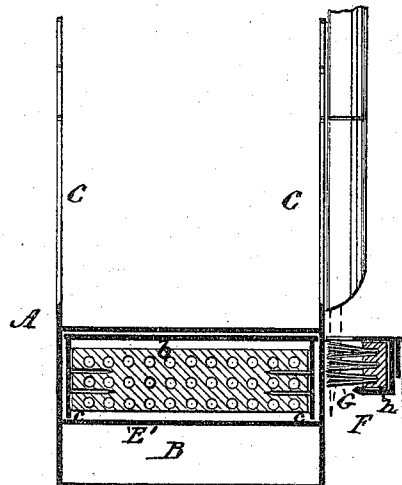


FIG. 3.



WITNESSES.

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UNITED STATES PATENT OFFICE.

JAMES H. KIDDER, OF LAWRENCE, MASSACHUSETTS.

IMPROVEMENT IN PEN-WIPERS.¹

Specification forming part of Letters Patent No. 142,480, dated September 2, 1873; application filed April 18, 1873.

To all whom it may concern:

Be it known that I, JAMES H. KIDDER, of Lawrence, in the county of Essex and State of Massachusetts, have invented a certain new and useful Improved Pen-Wiper; and that the following is a full, clear, and exact description of the same, reference being had to the accompanying plate of drawings.

This invention relates to an improved pen-wiper in which are combined two brushes, a water-receptacle, and an ink-well, the construction and arrangement of which are fully hereinafter described.

In the accompanying plate of drawings my improved pen-wiper is illustrated, Figure 1 being a plan view; Fig. 2, a central vertical section in plane of line *x x*, Fig. 1; and Fig. 3, a vertical section in plane of line *y y*, Fig. 2.

A in the drawings represents a stand or frame, constructed, in the present instance, of a bottom box, B, surmounted for a portion of its top by a rack, *c*, of any of the ordinary constructions for the reception of pen-holders, &c., and adapted as an ink-well, C²; D and E, two brush-heads having bunches of bristles, *a a*. These brush-heads D and E are arranged horizontally within the bottom box B, so that the outer ends of the bristles of each brush-head abut against each other, and for their location in the box B, as aforesaid, the brush-heads are secured to frames *b*. These frames *b* have end pieces *c*, between which the brush-heads are fastened, and plates *d* for covering nearly the whole of one side of the bristles of each head, which covering-plates at the outer ends of the bristles are bent downward, forming, when the two brush-heads are located as described, a throat, *f*, leading to the bristles at the abutting ends, and thus insuring the proper

insertion of the pen between the bristles. The brush-head frames are not fastened in the box B, but are held in position by their flanges *g* overlapping the upper edges of the box B, and the brush-head D is within and under the plane of the pen-rack C, resting also, by its end pieces *c*, upon the shelf E' of the box B.

Under the construction and arrangement of parts above described obviously the bristles are in the most effective position for use as a wiper for pens, and the brush-heads are free to be removed from and inserted in the box or frame B at pleasure; and the box B, if desired, may be filled with water for moistening the bristles, thus rendering the bristles more adapted for the cleansing of pens; F, a casing at one side of the bottom box B; and G, a brush-head. This brush-head G is attached to a frame, *h*, and that frame *h* is located in the casing F in a manner similar to that described for the brush-heads D E, and in the location of the brush-head G the outer end of its bristles are against the end of the box B, and between the two a pen-holder can be placed, and thus held when not in use.

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

The water-box B having the supporting-shelf E', in combination with the plates *d d* having the throat *f*, and the brush-heads D E, all constructed and arranged as herein shown, for the purpose specified.

The above specification of my invention signed by me this 10th day of April, 1873.

JAMES H. KIDDER.

Witnesses:

G. E. HOOD,
C. W. SYLVESTER.