

T. S. Hudson.
Pen Rack & Cleaner.

N^o 20,065.

Patented Apr. 27, 1858.

Fig. 1.

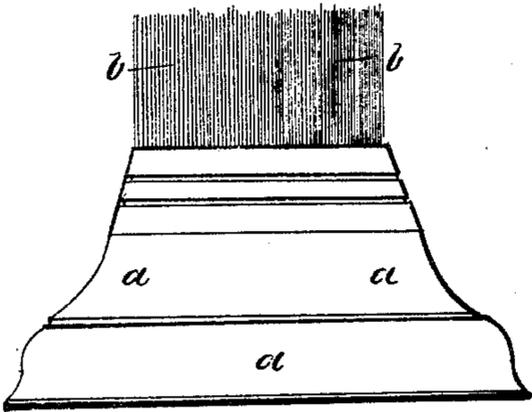
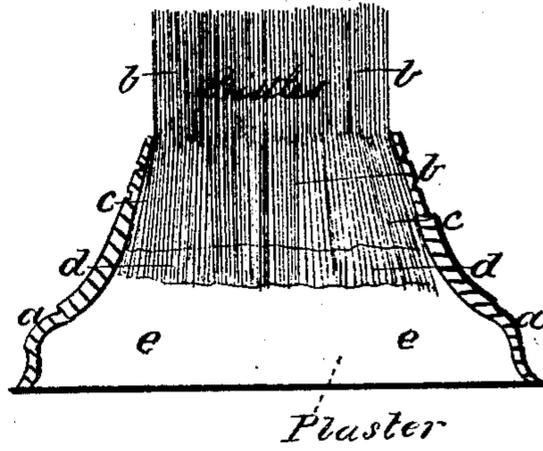


Fig. 2.



Witnesses.

Joseph Gavitt
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THOMAS S. HUDSON, OF BOSTON, MASSACHUSETTS.

PEN CLEANER AND HOLDER.

Specification of Letters Patent No. 20,065, dated April 27, 1858.

To all whom it may concern:

Be it known that I, THOS. S. HUDSON, of Boston, in the county of Suffolk and State of Massachusetts, have invented a new and useful Penholder, &c., and that the following description, taken in connection with the accompanying drawings, hereinafter referred to, forms a full and exact specification of the same, wherein I have set forth the nature and principles of my said invention by which it may be distinguished from others of a similar class, together with such parts as I claim and desire to have secured to me by Letters Patent.

The figures of the accompanying plate of drawings represent my improvements.

Figure 1 is a side elevation of my improved pen-holder and cleaner. Fig. 2 is a central vertical section of the same.

The present invention consists of an improved pen-holder and pen-cleaner, formed by inserting a brush composed of bristles in one bunch or in immediate contact with each other, in a metallic or other stand, the said stand being constructed in a peculiar manner whereby the bristles when once inserted will be so rigidly held, as to prevent the possibility of their being drawn out or displaced, which is essential in the construction of this kind of a pen-holder.

a a, in the drawings represent a stand made of metal or other suitable material.

b b are the bristles put together in one body or bunch.

The inside of the stand *a a* is made of a tapering or beveled shape at *c c* as shown in Fig. 2. The bunch of bristles is drawn through the bottom of the stand by means of a string, or in any suitable manner, until the bristles project above the stand the required distance. The bunch of bristles must be sufficiently large to be pinched tightly by the top or neck of the stand, so, that the stand, being of a tapering shape or beveled at *c c*, and the bristles being compressed as described, will be completely filled with that portion of the bristles extending below the

neck of the stand, the bristles being expanded at that point as shown in Fig. 2.

By this arrangement it will be seen that the bristles cannot possibly be drawn upward from the stand on account of the tapering shape of the inside of the stand, the beveled portion of which is entirely filled with the expanded bunch of bristles. In order to prevent the bristles from being drawn downward through the stand, a small quantity of cement or any suitable glutinous matter *d d* Fig. 2 is poured into its lower part, so as to embed the lower portion of the brush therein. The stand being made hollow I am enabled to fill the remaining portion of the same with plaster of Paris *e e* or other similar substance, which will protect the cement or glutinous matter, and prevent it from being melted by heat, which would loosen the bristles. In using the implement for a pen-holder, the pens are inserted vertically, and in cleaning pens, they are drawn across the top of the brush horizontally.

Having thus described my improvements, I shall state my claim as follows:

What I claim as my invention and desire to have secured to me by Letters Patent is—

1. Forming the inside of the stand with a tapering or beveled shaped neck, through which a bunch of bristles is drawn as described, whereby when the bristles are fastened at their lower ends with cement or glue, they are so rigidly held as to prevent their being drawn out or displaced.

2. I also claim in combination with the above, the use of a hollow stand the lower portion or base of which is filled with plaster of Paris or other non-conductor of heat, whereby the cement or pitch, in which the bottom of the bristles is embedded, is protected and prevented from being softened or melted by heat as set forth.

THOS. S. HUDSON.

Witnesses:

JOSEPH GAVETT,
ALBERT W. BROWN.