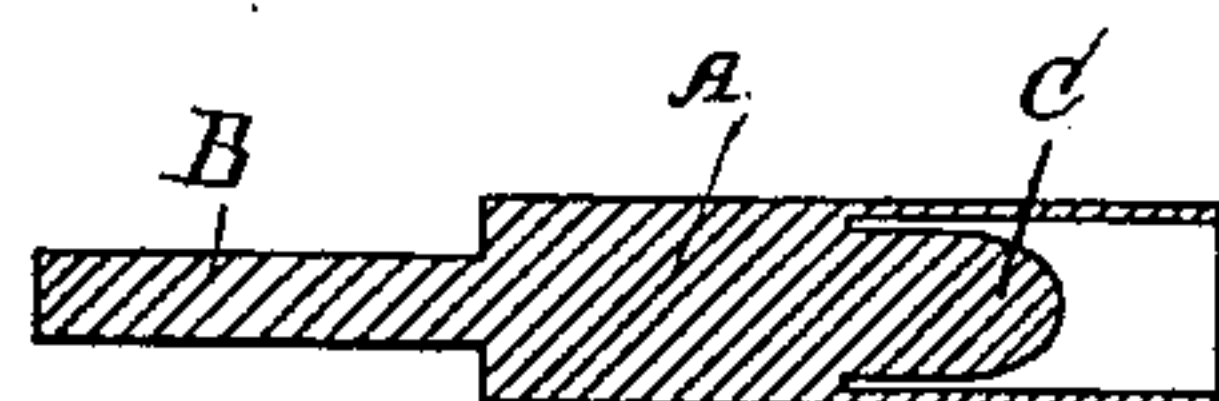
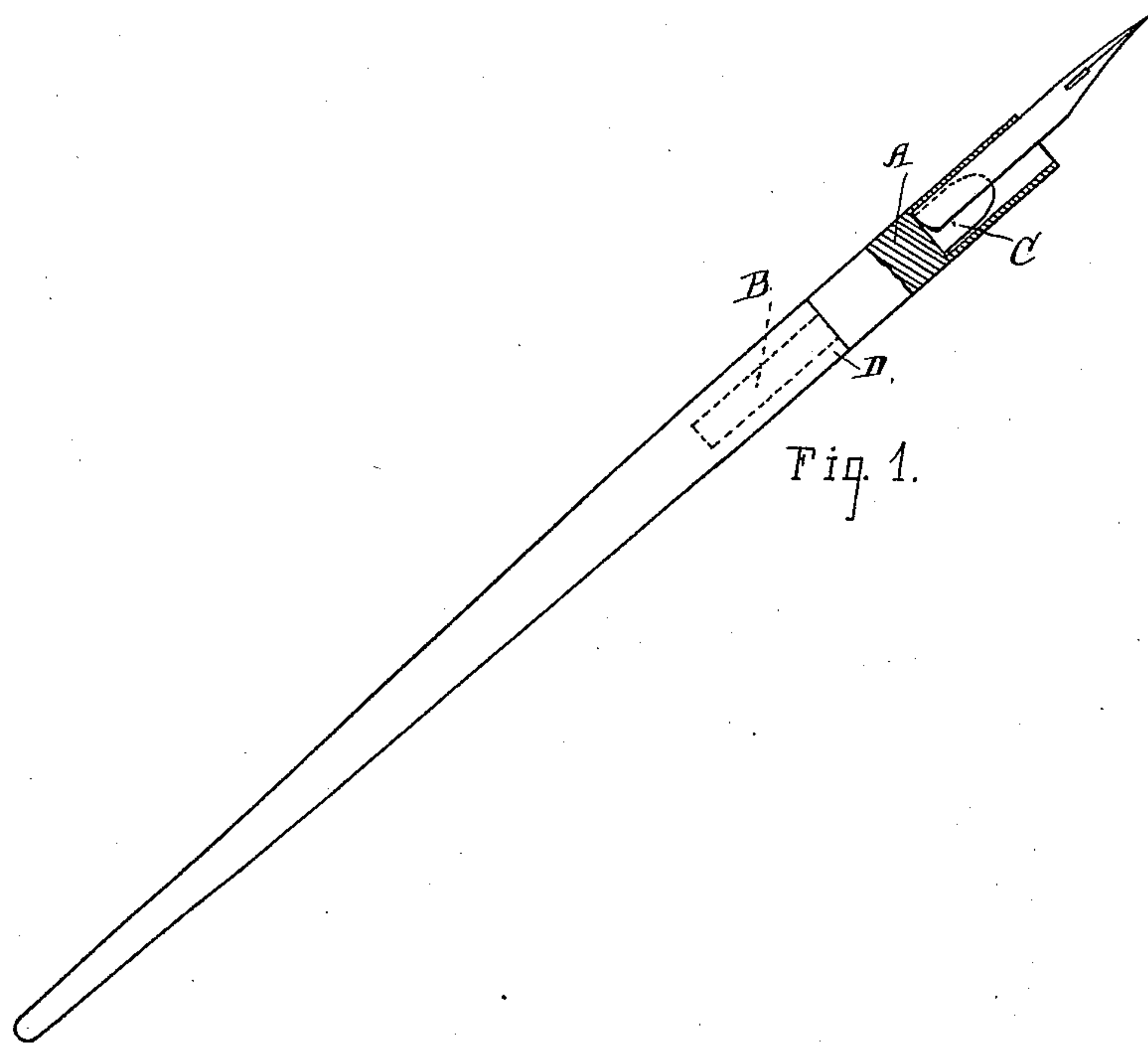


(No Model.)

P. D. HORTON.  
PEN HOLDER.

No. 451,005.

Patented Apr. 21, 1891.



Witnesses:

*Wm. Mayser*

*A. M. Chaslot*

Inventor:

*Peter D. Horton*

*By Smet & Osborn*

*Attys.*

# UNITED STATES PATENT OFFICE.

PETER D. HORTON, OF OAKLAND, ASSIGNOR OF ONE-THIRD TO J. M. WALLING, OF NEVADA CITY, CALIFORNIA.

## PEN-HOLDER.

SPECIFICATION forming part of Letters Patent No. 451,005, dated April 21, 1891.

Application filed August 4, 1890. Serial No. 360,995. (No model.)

*To all whom it may concern:*

Be it known that I, PETER D. HORTON, a citizen of the United States, residing at Oakland, in the county of Alameda and State of California, have invented a new and useful Pen-Holder, of which the following is a specification.

This invention relates to that class of pen-holders having a tubular end for receiving and holding the pen in position; and the objects of my invention are to produce a pen-holder in which the pen is more securely retained in its seat in the barrel or holder and prevent the ink from being drawn up the tube or barrel by capillary action and corrode the heel of the pen and prevent it from being easily removed from the holder. I accomplish these objects by the means illustrated in the accompanying drawings, which form part of this specification, the same being referred to by letters.

Figure 1 represents a general view of my pen-holder, part of it being in section. Fig. 2 shows a sectional view of the barrel or tube.

I construct my pen-holder of vulcanized india rubber, wood, bone, or other material of suitable induration of hardness to form the tube or barrel portion A thereof, together with the extension stem or spindle B.

Within the base of the barrel is formed a sort of cone C, which extends upward or outwardly toward the mouth of the barrel. The sides of this conoid and the inner face of the barrel form an annular inclined groove to receive the heel or butt-end of the pen, in which position it is wedged and prevented from moving in the barrel when the point is pressed down on the paper, as in writing or when the pen is being wiped. It will also be observed that the bore of the barrel is straight and the edges of the pen will engage with the interior thereof and prevent any lateral or side movement. As thus constructed it will be seen that the pen-holder is a tube or barrel closed at the upper end, so that when the pen-holder is dipped in ink and the open end com-

pletely submerged the ink will not ascend the barrel, as the atmospheric air contained therein will prevent the ink from flowing upward, and thereby soil and corrode the metal and cause the pen to adhere to the sides of the barrel.

The wooden stick or stock of the ordinary pen-holder is employed piped, as at D, and in this bore or pipe the stem B of the holder is inserted in such a manner as to form close connection with the shoulder or lower end of the pipe and shoulder of the stem or spindle. As the stems B are of uniform length and diameter, heads or holders of different sizes may be employed and made interchangeable on the same stock or staff to accommodate smaller or larger pens.

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

1. In a pen-holder, the combination, with a stock or staff piped as shown, of the insertible holder having a barrel with a fixed interior conoidal projection at the base, forming an annular wedge-shaped incline, to receive and retain the heel of the pen in position, in the manner set forth and specified.

2. The herein-described pen-holder, consisting of the handle or body having a pipe or bore in the pen-holding end and an integral outwardly-extending conoid at the base of the bore or pipe, substantially as set forth.

3. In a pen-holder, a head or holder having a pipe or bore in the pen-holding end, a fixed outwardly-extending conoid at the base of the bore or pipe, a stem B upon the rear end, and a shoulder at the base of the stem to fit interchangeably a stock or staff, as set forth.

In testimony that I claim the foregoing I have hereunto set my hand and seal.

PETER D. HORTON. [L. S.]

Witnesses:

C. W. M. SMITH,

ALFRED A. ENQUIST.