

No. 868,552.

PATENTED OCT. 15, 1907.

J. F. HALL.
PENHOLDER.

APPLICATION FILED MAY 28, 1907.

Fig. 1.

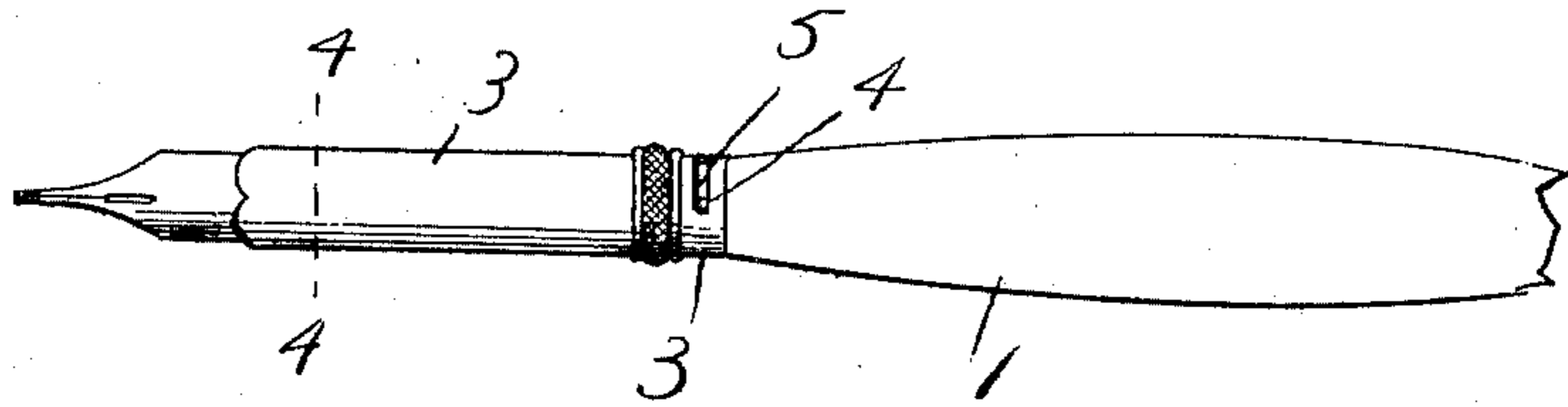


Fig. 2.

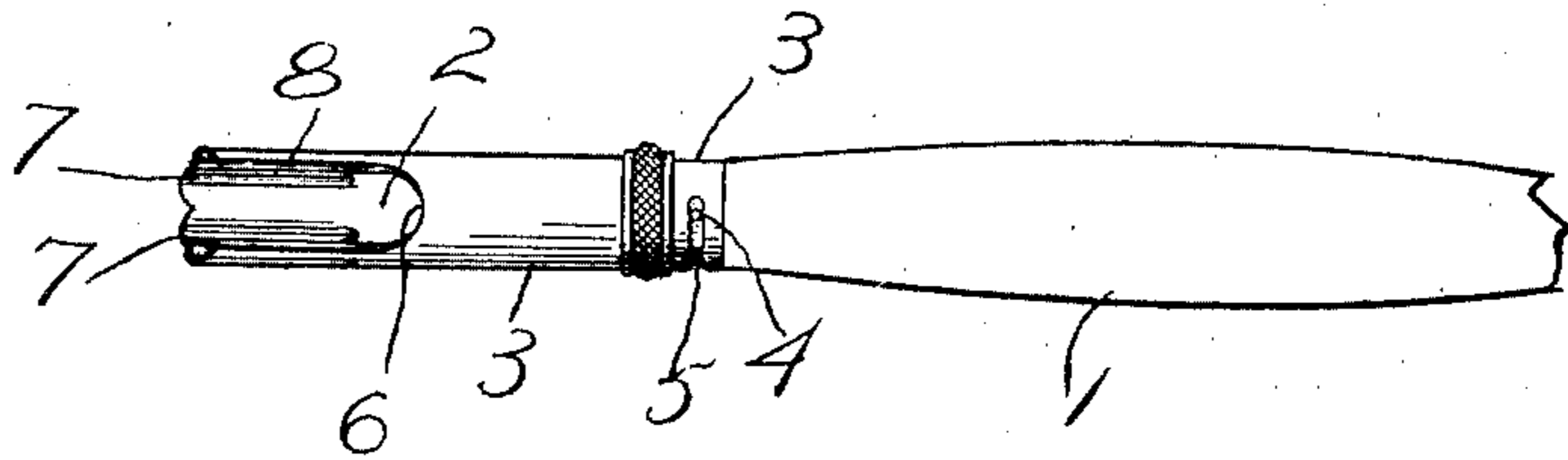


Fig. 3.

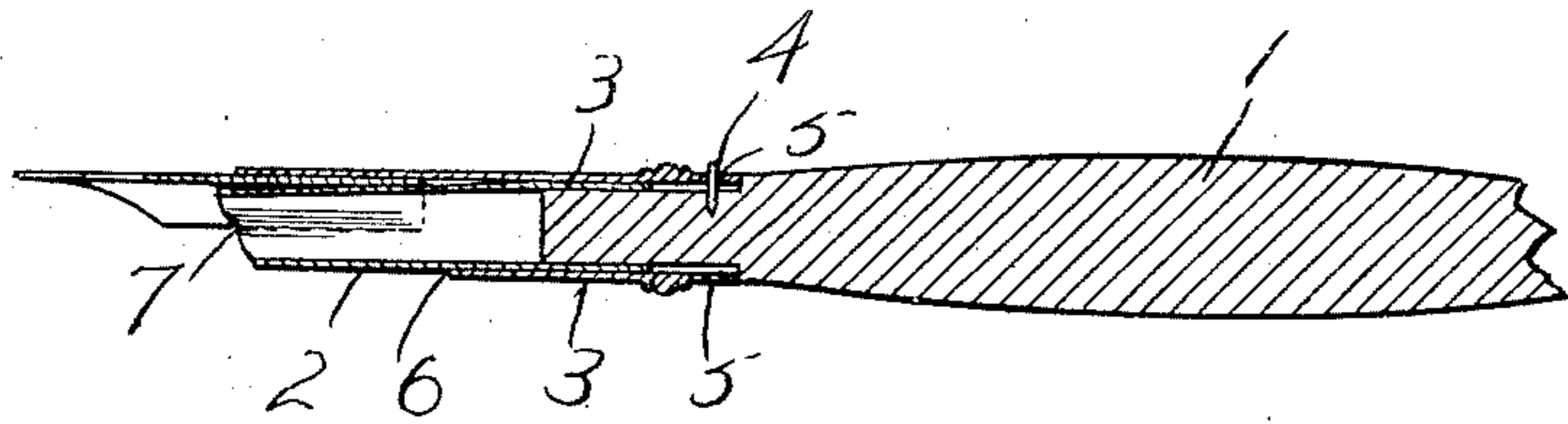
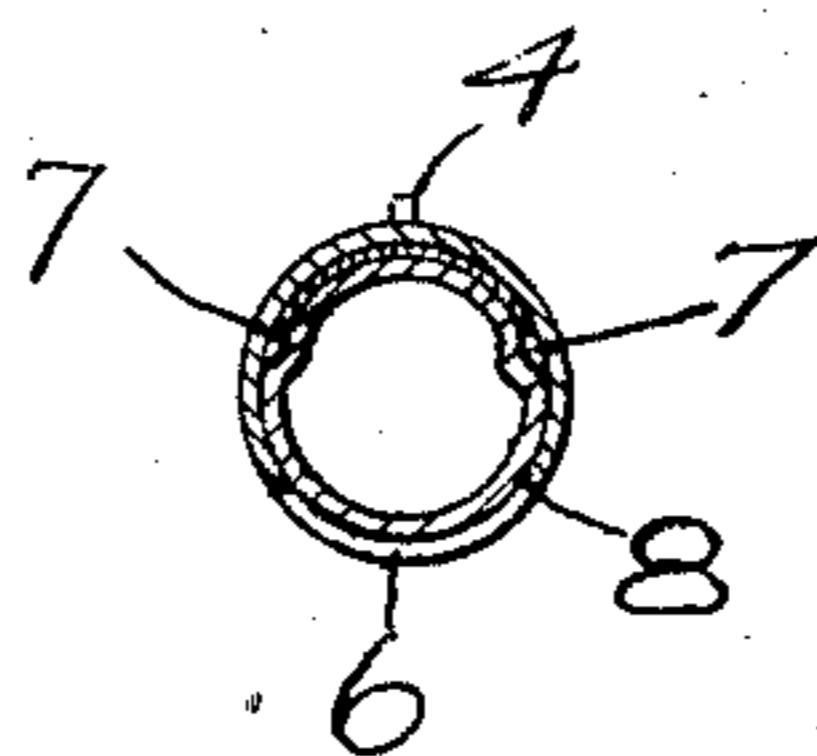


Fig. 4.



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PENHOLDER.

No. 868,552.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, JOHN F. HALL, a citizen of the United States, residing at Columbus, in the county of Franklin, State of Ohio, have invented certain new and useful Improvements in Penholders; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

10 This invention has relation to that class of penholders that comprise outer and inner concentric tubes or sleeves the latter being adapted to be rotated within the former for the purpose of releasing the pen-point held thereby.

15 The object of my invention is directed to improving the construction so as that the device may hold the shank of the penpoint firmly when in use, discharge it with certainty when it is operated for that purpose, and to make it ready and inexpensive of production or manufacture, so that it may be brought into common use.

20 The nature of the invention is fully and clearly ascertainable from the device portrayed in the annexed drawings, forming a part of this specification, in view of which it will first be described with respect to its construction and mode of operation, and then be pointed out in the subjoined claims.

25 Of the said drawings—Figure 1 is a plan of my invention with a penpoint in position therein. Fig. 2 is a bottom view with the penpoint removed. Fig. 3 is a longitudinal section. Fig. 4 is a transverse section on the line 4 4 of Fig. 1.

Similar characters of reference designate similar parts or features, as the case may be, wherever they occur.

35 In the drawings 1 designates the penstock which may be formed of wood or other suitable material, and which is provided on its forward end with a tube 2 of thin sheet-metal fixed to the stock.

3 designates an outer tube closely fitted on the inner tube but adapted to have the inner tube rotated therein to an extent of substantially half of the circumference of the tube, the pin 4 secured in the penstock with its outer end extending radially therefrom through the semi-circumferential slot 5 in the outer tube regulating the extent of rotary movement of the inner tube in the outer tube.

50 A U-shaped recess 6 is provided in the lower side of the outer end of the outer tube, the width as well as the length of which is such as to allow the shank of a penpoint held practically by the inner tube, when carried

around to said recess to drop out therefrom in a well-known way.

The outer end of the inner tube has longitudinally extended indented shallow grooves 7 formed therein at spaced intervals to receive the edges of the shank of a penpoint that may be forced between the outer and inner tubes, the tubes yielding by reason of their resilient character to permit this to be done, and the end of the inner tube being extended somewhat beyond the end of the outer tube to permit this to be done.

The edge 8 of the U-shaped recess in the outer tube on the side toward which the shank of the penpoint will be moved in the rotation of the inner tube to discharge the pen, is bent down so as to closely hug the outer circumference of the inner tube to make sure that it will engage the edge of the shank of the pen and hold it against passing between the said edge and the inner tube. The other side of the said U-shaped recess may be spaced to an appreciable degree beyond the circumference of the inner tube.

The outer tube may be milled or roughened on the outer surface of its inner end for the purpose of facilitating the holding of it while rotating the inner tube by means of the penstock.

The features of making the inner tube to practically fit closely within the outer tube, and providing the former with the indented grooves 7 in which the edges of the shank of a penpoint may be received is of the essence of my improvement. The advantages are that they provide for holding the shank of the pen firmly in place; they insure the rotation of the shank of the pen with the inner tube; and they are next to *nil* in the cost of manufacture.

In actual practice the improvements made by me are of very marked and appreciable advantage. If a recess of any degree of lunar form in cross section were made between the ends of the two tubes for the reception of the shank of the penpoint, the latter would not be held with the same firmness as with my construction; and the same would be true if the forward end of the inner tube were reduced at its forward end to leave an appreciable space between the outer circumference of the inner tube and the inner circumference of the outer tube.

What is claimed is—

1. A penholder comprising an outer and an inner tube, the inner tube fitting closely within the outer tube and extended at its outer end slightly beyond the outer tube, the inner tube being provided with longitudinally indented shallow grooves at spaced intervals to receive the edges of the shank of a penpoint.

2. A penholder comprising an outer and an inner tube, the inner tube fitting closely within the outer tube and extended at its outer end slightly beyond the outer tube, the inner tube being provided with longitudinally indented
5 shallow grooves at spaced intervals to receive the edges of the shank of a penpoint, the inner tube being adapted to be rotated in the outer tube, and the latter having a U-shaped recess on its under side, the edge of the recess toward which the shank of the penpoint is adapted to move

being bent down to closely hug the circumference of the 10 outer tube.

In testimony whereof, I affix my signature, in presence of two witnesses.

JOHN F. HALL.

Witnesses:

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CHAS. E. JONES.