

No. 704,262.

Patented July 8, 1902.

W. E. LINDSAY.
FOUNTAIN PEN.

(Application filed Jan. 3, 1902.)

(No Model.)

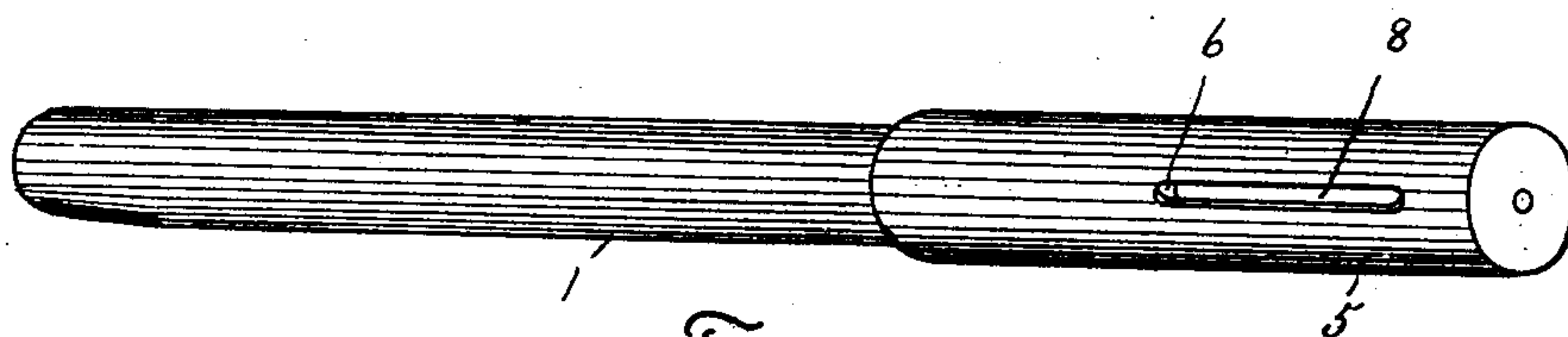


Fig. 1

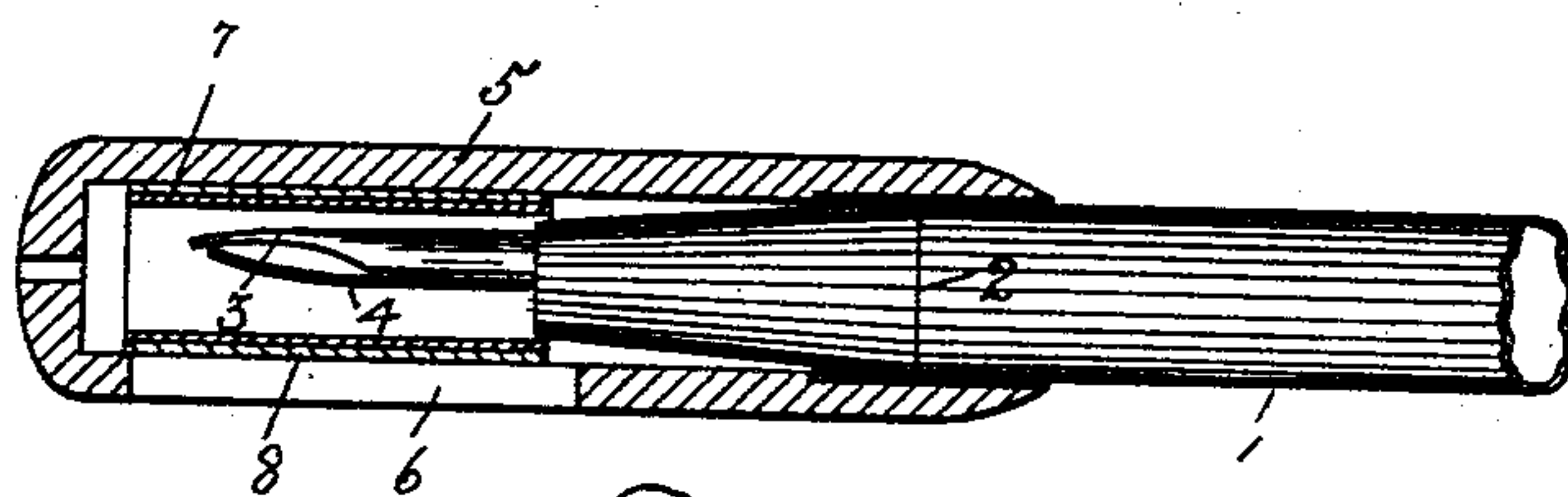


Fig. 2.

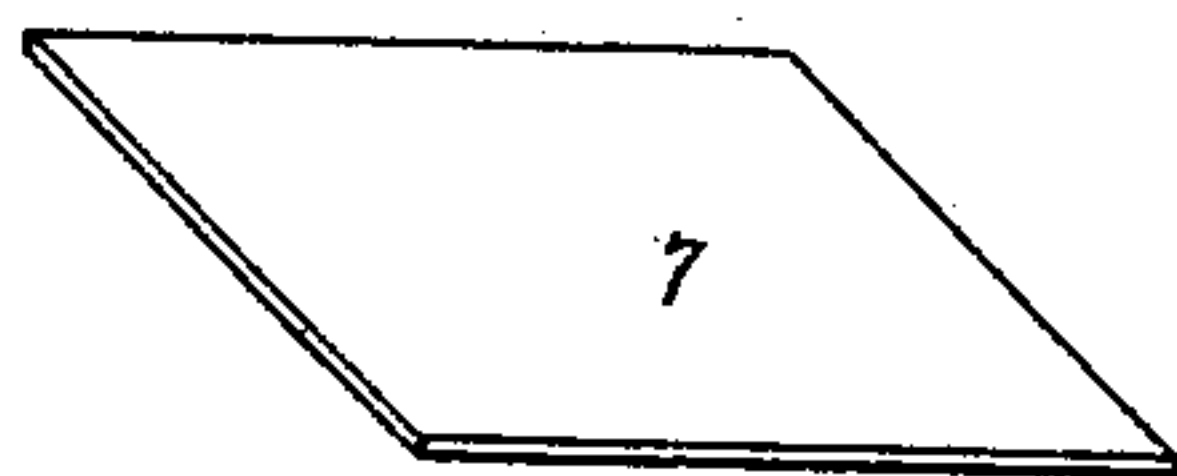


Fig. 3.

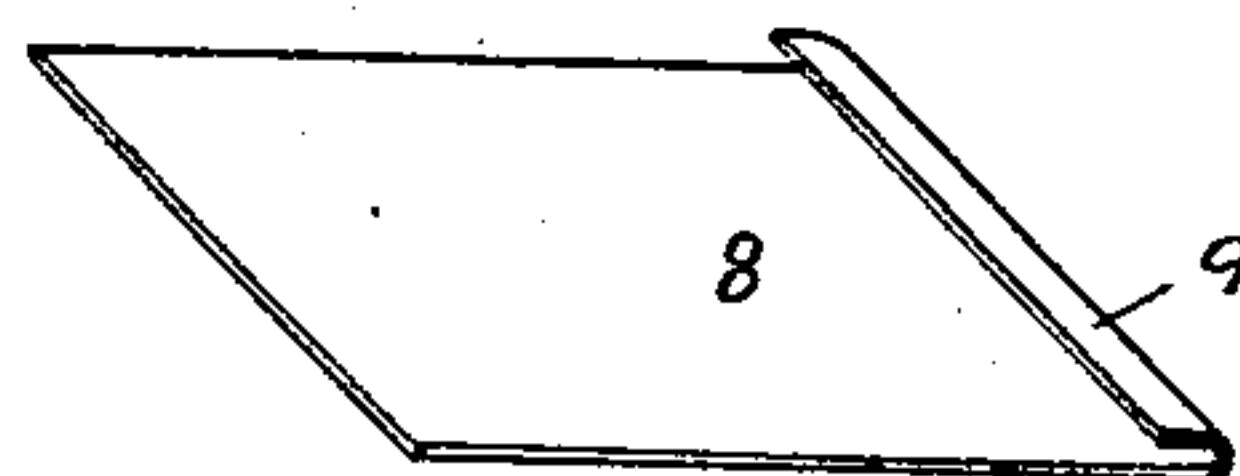


Fig. 4.

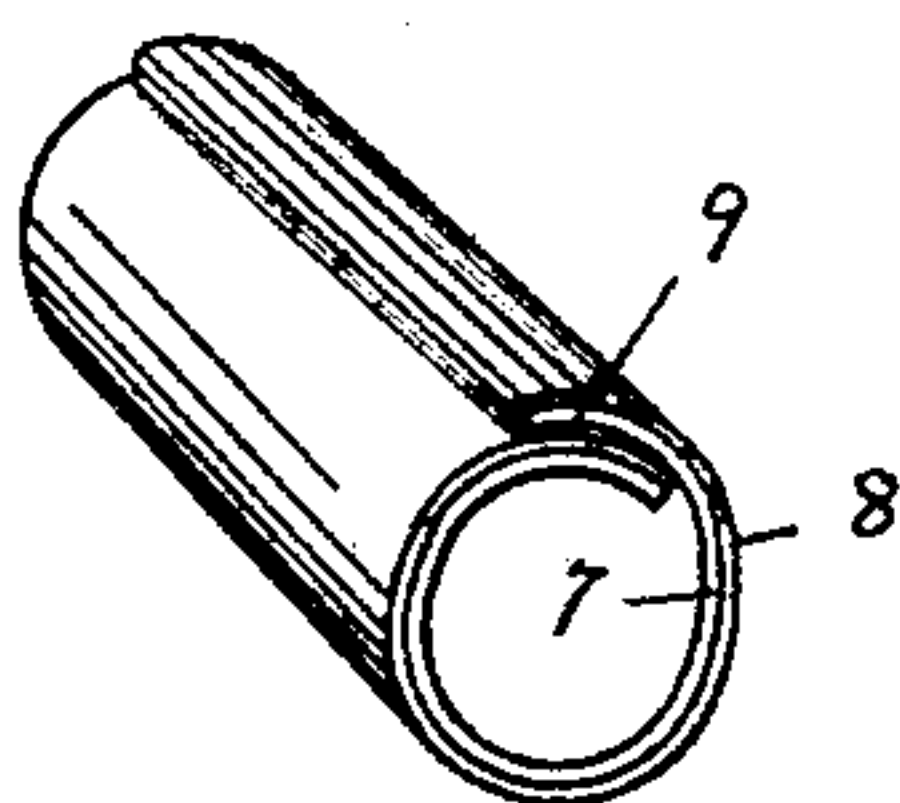


Fig. 6.

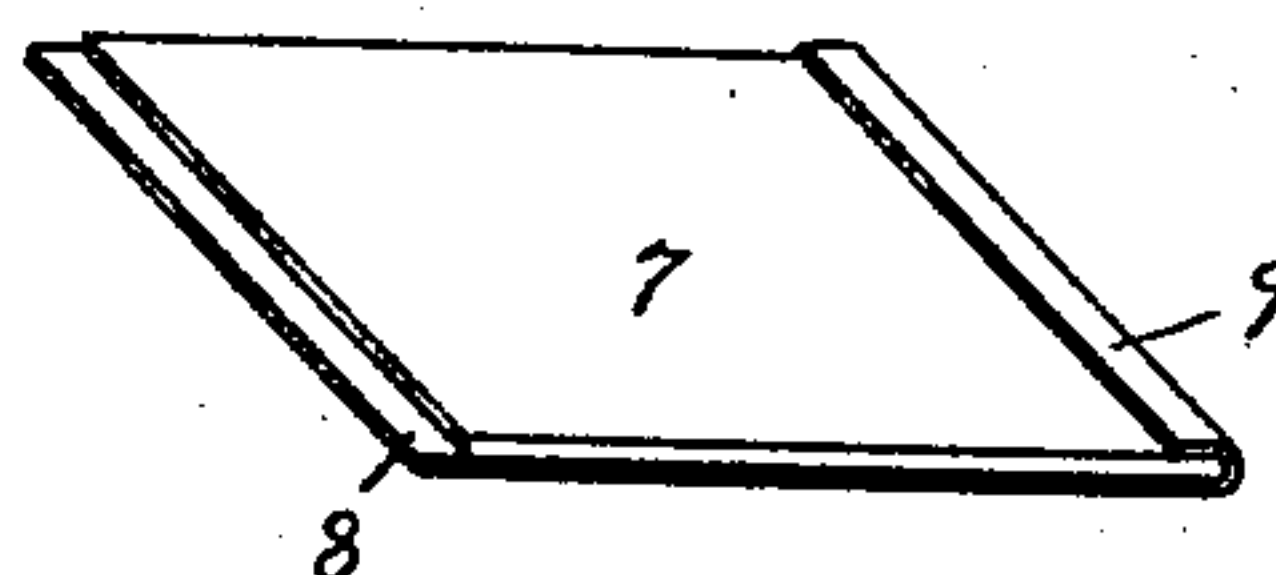


Fig. 5.

Witnesses:-

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UNITED STATES PATENT OFFICE.

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FOUNTAIN-PEN.

SPECIFICATION forming part of Letters Patent No. 704,262, dated July 8, 1902.

Application filed January 3, 1902. Serial No. 88,297. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM E. LINDSAY, a citizen of the United States, residing at Baltimore, in the State of Maryland, have invented certain new and useful Improvements in Fountain-Pens, of which the following is a specification.

This invention relates to improvements in fountain-pens.

10 The object of the invention is to provide the cap or hood, which fits over the end of the pen when not in use, with a lining of absorbent material—either permanent or removable, preferably the latter—which will absorb the ink that may escape from the pen either from evaporation, leakage, or otherwise when not in use.

20 One of the greatest objections to the fountain-pens in general use is that when the pen is carried in the pocket the heat from the body causes the ink in the handle to evaporate and a certain amount condenses on the inside of the cap or hood and runs down on the outer surface of the handle and comes into contact with the hand or fingers of the writer when the cap is removed and the pen is being used.

30 By my present invention I prevent the ink from coming into contact with the hand of the writer by providing a lining of absorbent material which will take up any ink that may escape from the end of the pen either from evaporation, leakage, or other causes.

35 Other features of my invention will be fully set forth in the description of the accompanying drawings, in which—

40 Figure 1 is a view of the pen, showing the position of the parts when not in use. Fig. 2 is a similar view showing the cap or hood and absorbent lining in section and the handle partly broken away. Fig. 3 is a detailed view of the absorbent lining. Fig. 4 is a detailed view of the resilient metal piece to which one end of the absorbent lining is secured. Fig. 5 is a detailed view showing the absorbent material secured at one end to the resilient metal piece, and Fig. 6 is a detailed view showing the metal piece and absorbent lining rolled ready to be inserted in the cap or hood.

50 Similar numerals refer to like parts throughout the several views.

Referring to the accompanying drawings, forming part of this specification, 1 designates a hollow handle in which the ink is retained. This handle is made of two sections, the lower section being conical and screw-threaded to the upper section at 2. The lower end of the conical section of the handle is provided with an aperture into which one end of the pen-point 3 is secured. A guide 4 is also secured in the said aperture and serves to direct the ink into the split or writing end of the pen as it flows from the handle 1 when writing.

The parts above described involve nothing new and are the same in construction as similar parts of the fountain-pen in general use.

The cap or hood 5 fits over the conical end of the handle and protects the pen-point when the pen is not in use. When the pen is being used, the said cap or hood 5 is placed over the opposite end of the handle. This cap or hood 5 is provided with an elongated slot 6, through which the absorbent lining may be seen, and permits the user to determine just how far down into the cap the said lining should be forced.

In the present instance I have shown a removable absorbent lining 7, which may be made of any suitable absorbent material, such as a small piece of blotter. This absorbent lining is secured to a piece of thin resilient metal 8 by placing the said lining flat against the metal piece 8 and turning up one end 9 of the latter and clamping the said lining 7. The free end of the lining 7 does not quite extend to the free end of the metal piece 8, so that when the two pieces 7 and 8 are rolled ready to be inserted in the cap or hood 5 the two free ends of the piece 7 and 8 will coincide, as shown in Fig. 6. After the two pieces 7 and 8 are rolled, as shown in Fig. 6, they are inserted in the end of the cap or hood 5 and forced down to the desired position. The lining and metal piece are made to roll in order that they will fit any size cap. The lining should be pushed down and made to occupy the position shown in Fig. 2, so that when the cap or hood 5 is placed over the pen the conical point of the fountain-handle will project a slight distance into the lining 7 in order that the said absorbent lining 7 may catch any ink that may escape from the said

handle when the pen is not in use either from evaporation, leakage, or otherwise. When the pieces 7 and 8 are forced into the cap or hood 5, they will be held securely in position by frictional contact of the hood 5 and the metal piece 8, owing to the resiliency of the latter.

When it is desired to remove the absorbent lining, this may be accomplished by inserting the point of a knife or other instrument in the elongated slot 6 and forcing the said lining out to the end of the cap or hood, where it is easily removed.

While I have shown and described the absorbent lining secured to a piece of resilient metal, the latter may be dispensed with and the lining secured in the cap in any other manner.

The absorbent lining may also be permanent instead of removable.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent of the United States, is—

1. In a fountain-pen, the combination of a hollow handle; a pen-point projecting from one end of the hollow handle; a cap adapted to fit over either end of said handle and having an elongated slot in the side thereof; and a removable piece of absorbent material impinging against the inner side of the said cap.

2. In a fountain-pen, the combination of a hollow handle; a pen-point projecting from one end of said handle; a cap adapted to fit

over either end of said handle; a piece of resilient metal having a piece of absorbent material secured thereto and adapted to be inserted in the said cap, for the purpose described.

3. The combination with a fountain-pen, of a cap adapted to fit over either end of the said pen, and a removable lining of absorbent material for the side wall of the said cap and adapted to surround the conical end of the hollow handle when the cap is fitted thereon, as and for the purpose described.

4. In a fountain-pen, the combination of a hollow handle; a pen-point projecting from one end of the hollow handle; and a cap adapted to fit over either end of said handle and having a removable lining of absorbent material for the side wall.

5. In a fountain-pen, the combination of a hollow handle; a pen-point projecting from one end of said handle; a cap adapted to fit over either end of said handle; and a removable lining of absorbent material for the inner side wall of said cap and adapted to surround the conical end of the hollow handle when the said cap is fitted thereon, as and for the purpose described.

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

WILLIAM E. LINDSAY.

Witnesses:

HOWARD C. ROUZER,
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