

(No Model.)

J. PATMOR.

FINGER SHIELD AND FOUNTAIN ATTACHMENT.

No. 402,185.

Patented Apr. 30, 1889.

Fig. 1.

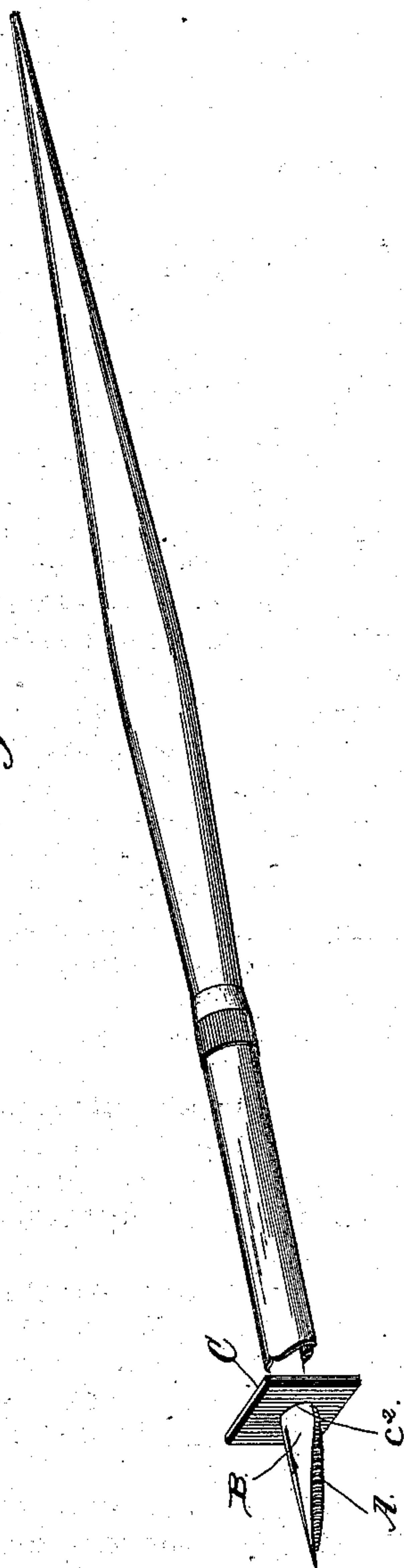


Fig. 3.

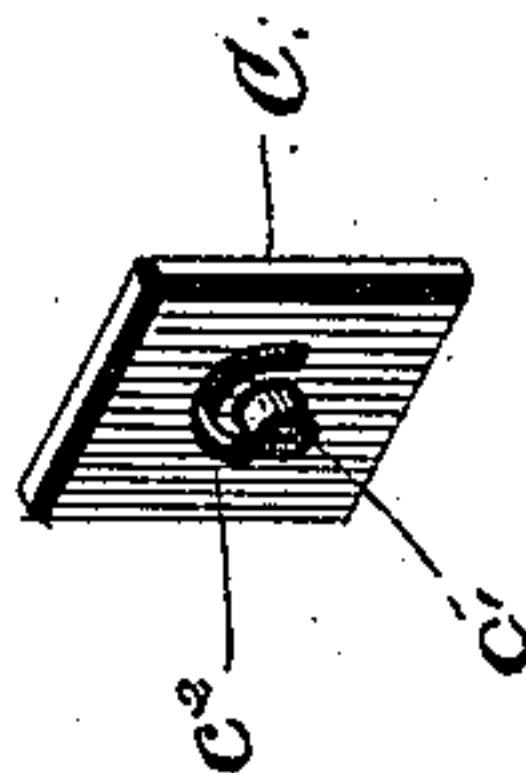


Fig. 4.

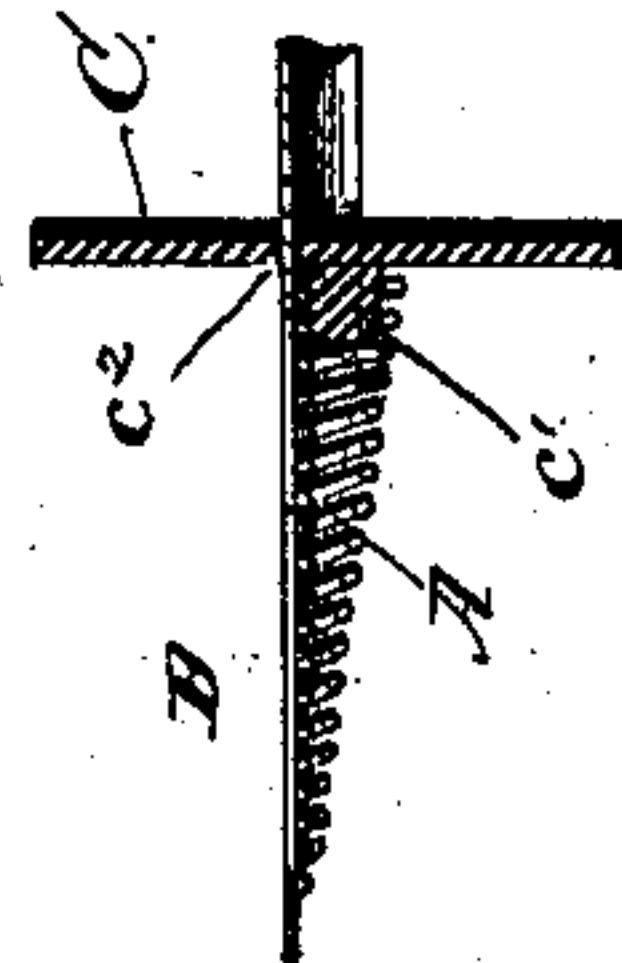
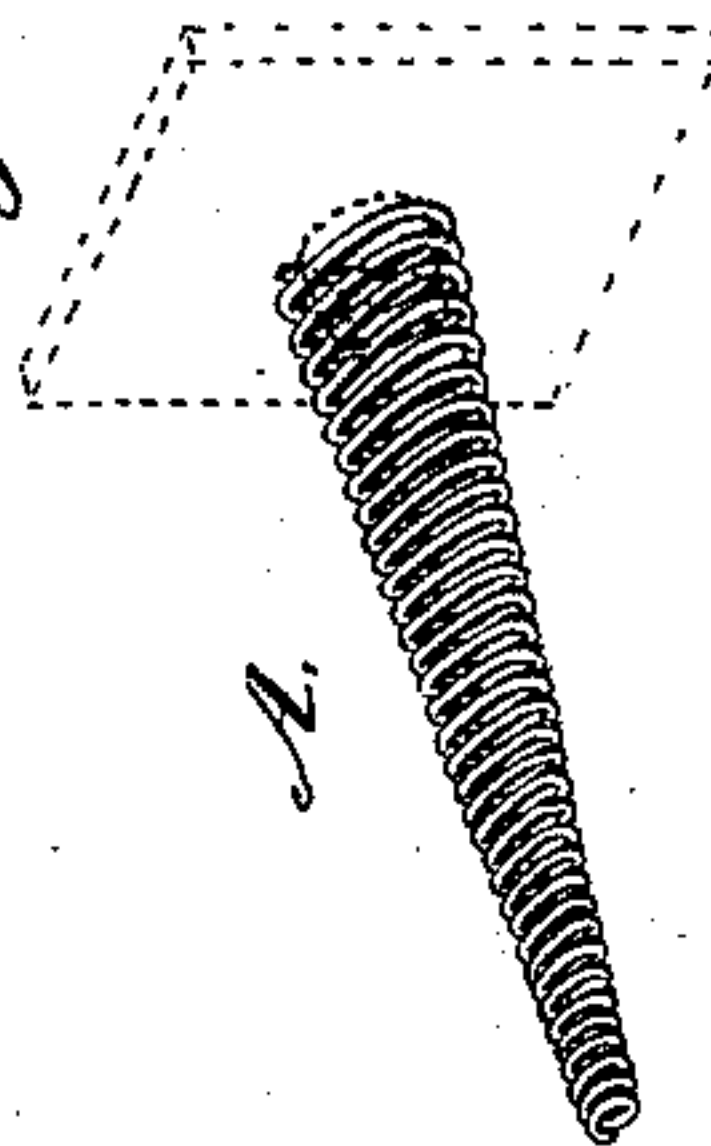


Fig. 2.



Witnesses,

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# UNITED STATES PATENT OFFICE.

JAMES PATMOR, OF PITTSBURG, KANSAS.

## FINGER-SHIELD AND FOUNTAIN ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 402,185, dated April 30, 1889.

Application filed October 6, 1888. Serial No. 287,393. (No model.)

### *To all whom it may concern:*

Be it known that I, JAMES PATMOR, a citizen of the United States, residing at Pittsburg, in the county of Crawford and State of Kansas, have invented new and useful Improvements in Finger-Shields and Fountain Attachments, of which the following is a specification.

The invention relates to improvements in finger-shields and fountain attachments for pens. Heretofore fountain attachments for pens have been constructed with coils of wire to serve as ink-reservoirs; but difficulty has been experienced in keeping such reservoirs well supplied with ink, owing to the opening at the base of the wire coil.

The object of the present invention is to obviate the above difficulty and provide a combined fountain attachment and finger-shield capable of adjustment to fit any pen and of being secured to the same independently of the holder.

The invention consists in the construction and novel combination and arrangement of parts hereinafter fully described, illustrated in the accompanying drawings, and pointed out in the claims hereto appended.

In the accompanying drawings, Figure 1 is a perspective view of a pen and pen-holder provided with the combined fountain attachment and finger-shield. Fig. 2 is a perspective view of the combined fountain attachment and finger-shield. Fig. 3 is a detail view of the finger-shield. Fig. 4 is a detail longitudinal section.

Referring to the accompanying drawings, A designates an ink-reservoir constructed of a coil of wire of approximately conical form and slightly flattened to adapt it to fit more snugly beneath a pen, B. The wire coil forming the reservoir is secured to the pen by a finger-shield, C, and holds the ink and continually feeds the fluid to the pen B as fast as required, and it successfully prevents a too copious supply of ink and the blotting consequent thereupon.

The finger-shield C is constructed of rubber or other suitable material, and is preferably of a square or triangular shape, or of the form of some other straight-sided figure that will prevent a pen-holder, D, from rolling when laid down upon the desk or the like. Upon the front face of the finger-shield C is a small projection, *c*, which lies at about the center of said shield and affords a means of

attachment for the wire coil A, the base of which is closed by the shield C, the small projection *c'* being within the wire coil, which is securely clamped around it, whereby the ink is retained more securely in the reservoir A and prevented from flowing back upon the fingers or the pen-holder D when the pen is elevated or being placed in a rack. By this construction the ink is prevented from being fed too freely to the pen, which is thereby kept from blotting the paper.

The finger-shield *c* is provided just above the projection *c'* with a semicircular pen-slot, *c<sup>2</sup>*, through which is passed the back of the pen B, whereby the combined fountain attachment and finger-shield may be slipped back and forth upon the pen B, and is capable of adjustment to fit any pen.

From the foregoing description and the accompanying drawings the construction, operation, and advantages of the invention will readily be seen; and I desire it to be understood that I do not limit myself to the precise details of construction herein shown and described, as I may without departing from the spirit of the invention make any minor changes therein.

Having thus described my invention I claim—

1. A combined fountain attachment and finger-shield comprising the coil of wire, and the shield adapted to slide upon a pen and close the base of the coil, substantially as described.

2. A combined fountain attachment and finger-shield comprising the coil of wire, and the shield secured to the coil and closing the base thereof, and provided with a semicircular slot to receive the pen, substantially as described.

3. A combined fountain attachment and finger-shield comprising the wire coil, and the shield having a semicircular pen-slot and provided with a projection fitting within the base of said coil and affording means whereby the coil is secured to the shield, substantially as described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

JAMES PATMOR.

Witnesses:

F. W. LANYON,  
J. M. GOFF.