

(No Model.)

G. W. PRICE.

FOUNTAIN ATTACHMENT FOR PENS.

No. 292,137.

Patented Jan. 15, 1884.

Fig. 1.

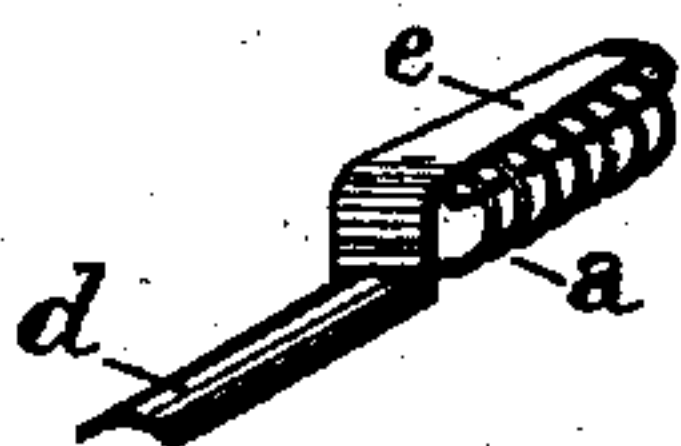


Fig. 2.

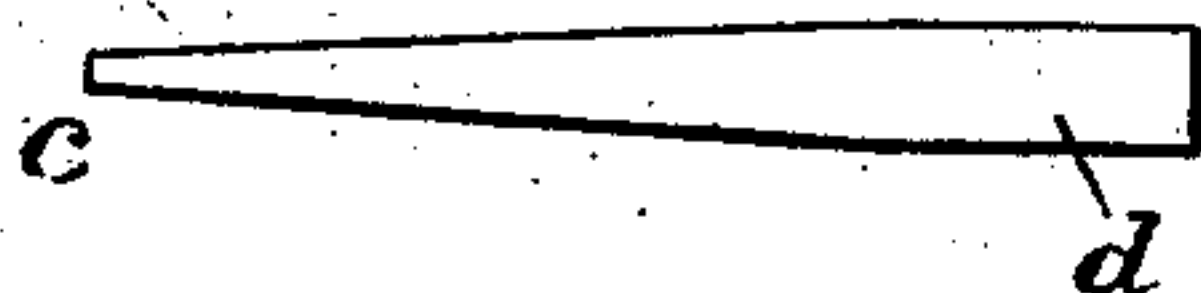


Fig. 4.

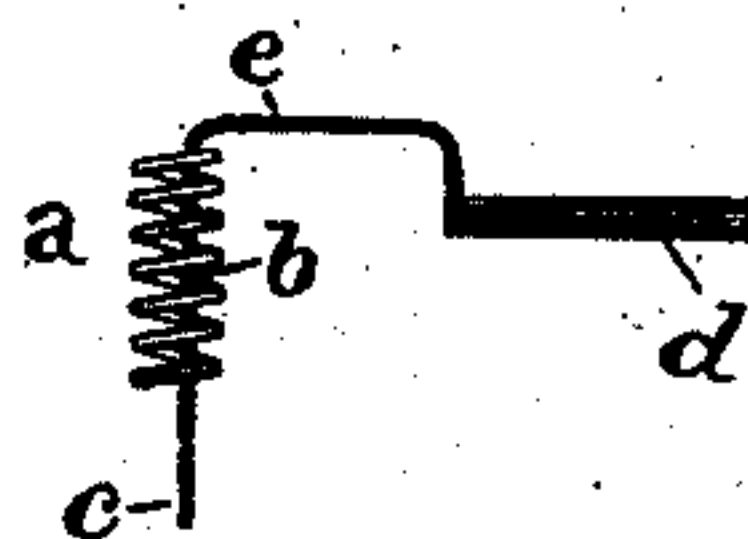


Fig. 3.



Fig. 5.

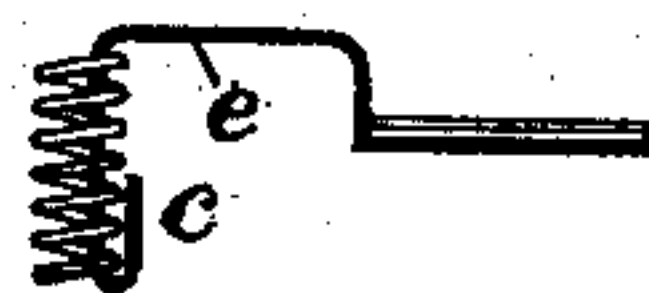
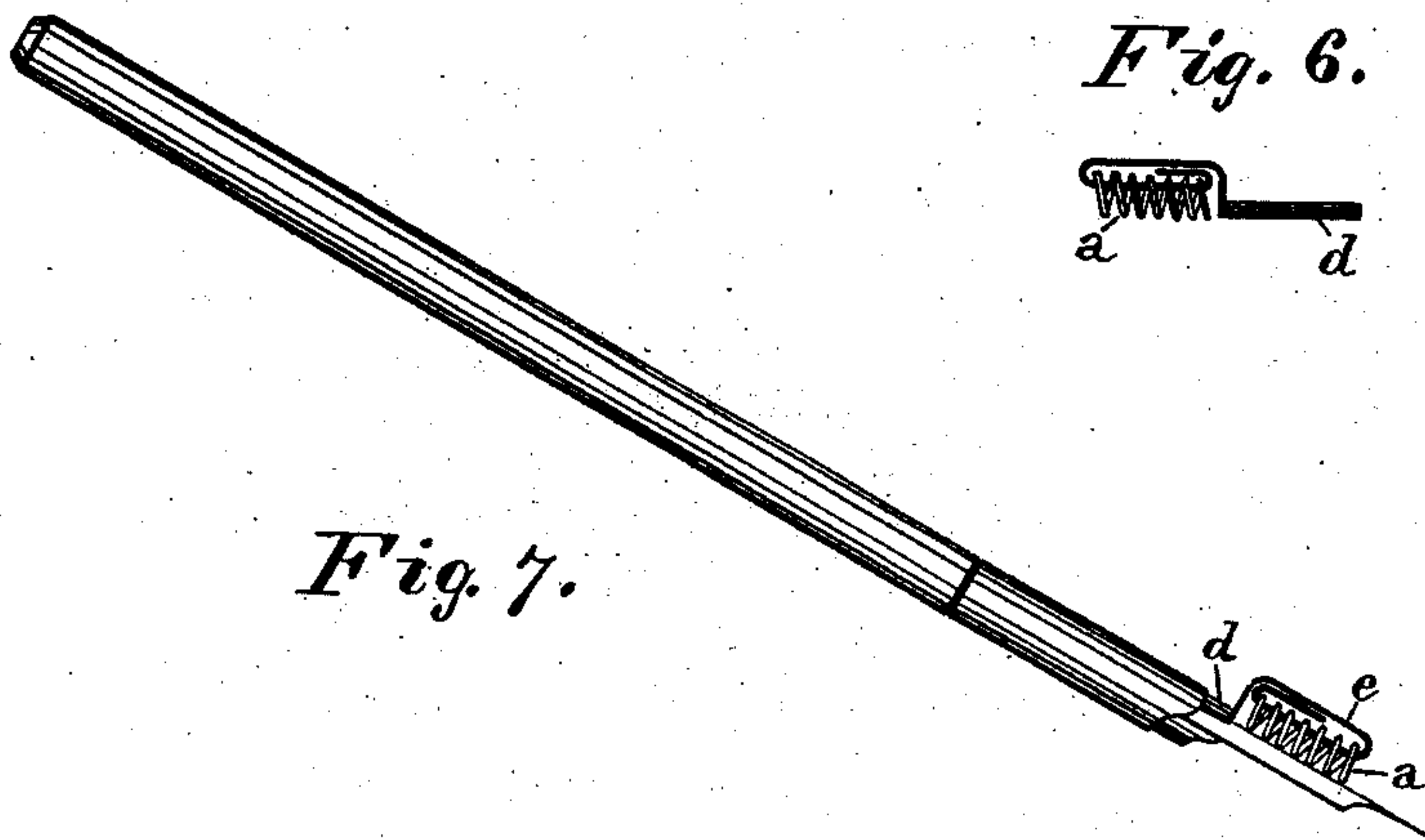


Fig. 6.



Fig. 7.



Witnesses:
A. C. Eader
J. Edw. Morris

Inventor:
Geo. W. Price
By Chas B. Mann
Attorney.

UNITED STATES PATENT OFFICE.

GEORGE W. PRICE, OF BALTIMORE, MARYLAND, ASSIGNOR TO BERNARD N. BAKER, OF SAME PLACE.

FOUNTAIN ATTACHMENT FOR PENS.

SPECIFICATION forming part of Letters Patent No. 292,137, dated January 15, 1884.

Application filed November 3, 1883. (No model.)

To all whom it may concern:

Be it known that I, GEORGE W. PRICE, a citizen of the United States, residing at Baltimore, State of Maryland, have invented certain new and useful Improvements in Fountain Attachments for Pens, of which the following is a specification.

My invention relates to an improved fountain attachment for pens, and will be described and then specifically claimed.

In the accompanying drawings, which fully illustrate the invention, Figure 1 shows the fountain attachment. Fig. 2 is a view of the metal blank from which the holder is made. Fig. 3 is a view, separately, of the spiral wire, which is secured in the holder. Figs. 4, 5, and 6 are views of the spiral wire and holder, showing the several progressive steps of manufacture. Fig. 7 is a view of an ordinary pen and pen-holder, with the fountain attachment in position.

The fountain attachment consists of a spiral wire, secured in a holder having a back piece, which extends crosswise of the coils of the spiral, a stiff piece of metal passed through the coils of the spiral, and a shank for insertion in the pen-holder.

The letter *a* designates the spiral wire, which may be made of any metal not easily affected or acted on by writing-ink—such as silver or tin-coated brass or iron wire. The wire may be small or fine. The holder has a straight stiff piece, *b*, which passes through the coils of the spiral, and a shank, *d*, which serves for its attachment to any ordinary pen-holder. In the present instance the holder is made as follows: A straight tapered blank like that shown in Fig. 2 is cut from suitable sheet metal. This is then shaped as shown in Fig. 4, forming the stiff piece *b*, the shank *d*, and the back *e*, which connects them. The small end of this blank is passed through the spiral; the extremity *c* of the tapered end is then bent back over the spiral, as shown in Fig. 5, to

confine the spiral on the stiff piece; and, finally, the stiff piece is bent or doubled backward toward the back piece, as shown in Fig. 6. By this arrangement the coils of the spiral are secured on the stiff piece and between it and the back. This holder enables small delicate wire to be used, which serves better to confine or store up the ink, and is otherwise better adapted for application to an ordinary pen. The coils of the wire are shielded and protected by the back piece, *e*, which extends crosswise of the coils, and said coils are kept in alignment by the straight stiff piece *b*. Furthermore, when grasping the device to attach it to or detach it from the pen-holder, the back piece prevents injury to the delicate spiral wire. The interior of the coils, the spaces between them, and the space under the back of the holder all serve as the "fountain" in which the ink is stored. The shank *d* of the holder is concavo-convex, to adapt it to be inserted in the ordinary pen-holder on top of the pen, as seen in Fig. 7. The device is then ready for use, both pen and fountain attachment being dipped into the ink in the usual way.

The construction of the device may be somewhat varied from that here shown without departing from the essence of my invention.

Having described my invention, I claim—

A fountain attachment for pens, consisting of a spiral wire and a holder for the same, having a back piece, *e*, to shield the spiral coils, and a stiff piece, *b*, extending through the spiral coils, as shown, and adapted for connection with a pen-holder on top of the pen, as set forth.

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

GEORGE W. PRICE.

Witnesses:

J. EDW. MORRIS,
JNO. T. MADDOX.