

*M. Wagner,
Fountain Pen.*

No 70765.

Patented Nov 12 1867.

Fig. 1.

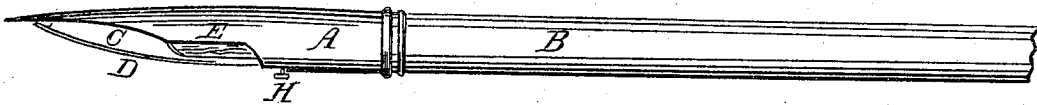


Fig. 2.

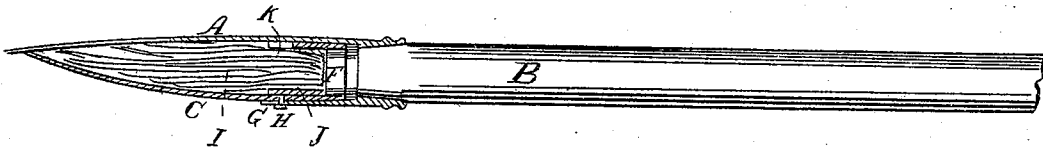
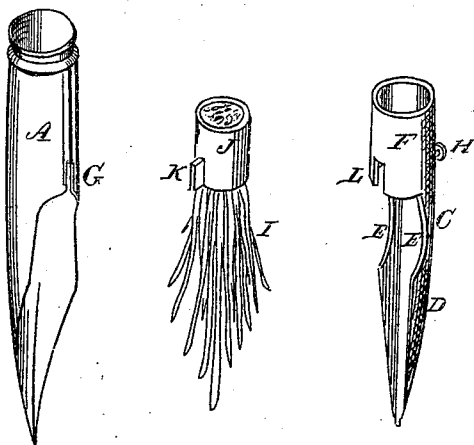


Fig. 3.



INVENTOR.

*M. Wagner
By J. H. Bond
Atty.*

Attest.

*James H. Layman,
Frank Millward*

United States Patent Office.

MICHAEL WAGNER, OF CINCINNATI, OHIO, ASSIGNOR TO HIMSELF AND
HERMANN WITTE, OF THE SAME PLACE.

Letters Patent No. 70,765, dated November 12, 1867.

IMPROVEMENT IN FOUNTAIN-PENS.

The Schedule referred to in these Letters Patent and making part of the same.

TO WHOM IT MAY CONCERN:

Be it known that I, MICHAEL WAGNER, of Cincinnati, Hamilton county, Ohio, have invented a new and useful Improvement in Fountain-Pens; and I hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawings, making part of this specification.

My invention relates to the class of pens having reservoirs of ink, with retaining and conducting material for supplying the same to the nibs of the pen, and consists of a sheath, forming, with the body of the pen, the reservoir for the ink, and serving to retain the bristles in place, the same being provided with fastening devices hereinafter described. In the accompanying drawing—

Figure 1 is an exterior view of a pen and holder embodying my improvements.

Figure 2 is a section of the same.

Figure 3 exhibits detached portions of my improved pen.

A is the pen, which may be enclosed as shown, to form a socket for the handle B. C is a metallic sheath, having a curved shank, D, adapted to meet the body of the pen A, and form the reservoir for ink. The shank D is scalloped at E, to provide passages for the supply of ink to the reservoir when the pen is dipped into an inkstand. The socket F of the sheath C is constructed to fit snugly into the socket of the pen A, the slot G in the pen and the stud H in the sheath C serving as guides for its proper adjustment. I represents the bristles, secured to a socket, J, which socket is provided with a wing, K, adapted to slide into the slot L of the sheath-socket F. The bristles I are possessed of sufficient stiffness to remain disconnected from each other, to form channels for the ink; and they have a much greater affinity for a fluid, and power of capillary attraction, than any metallic material. The bristles have no tendency to become clogged with deposits, and can be rinsed perfectly clean after use. Metallic substances, unless of expensive material, can be used but a short time without injury from the ink. The bristles I, (while permitting a sufficiently free flow of ink from the pen by the attractive action of the flow itself,) have such power of capillary attraction that a large quantity of ink can be contained in the pen without danger of dripping or flowing too rapidly to the point.

I claim herein as new, and of my invention—

The winged bristle-socket J K, sheath C D F, scallops E, slot L, stud H, and slot G, combined, arranged, and operating as and for the purpose specified.

In testimony of which invention I hereunto set my hand.

MICHAEL WAGNER.

Witnesses:

GEO. H. KNIGHT,
JAMES H. LAYMAN.