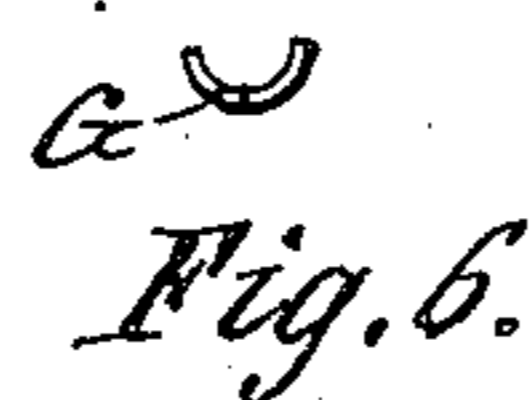
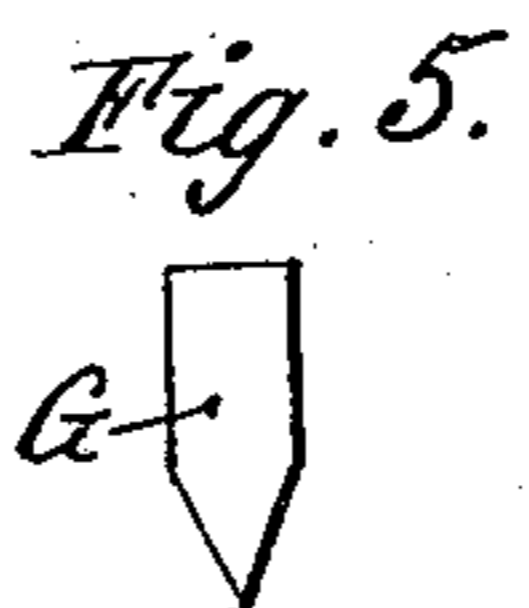
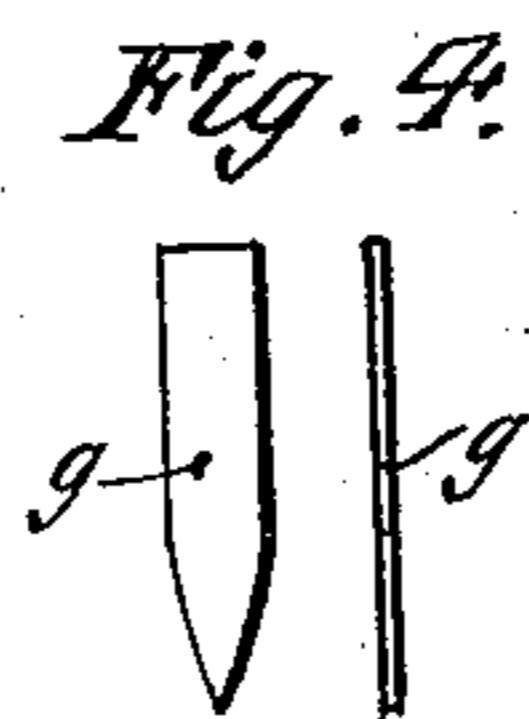
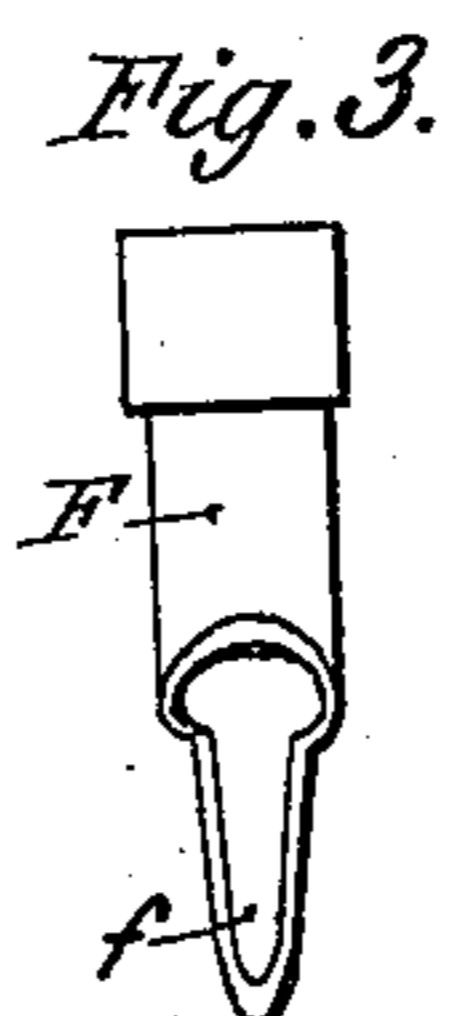
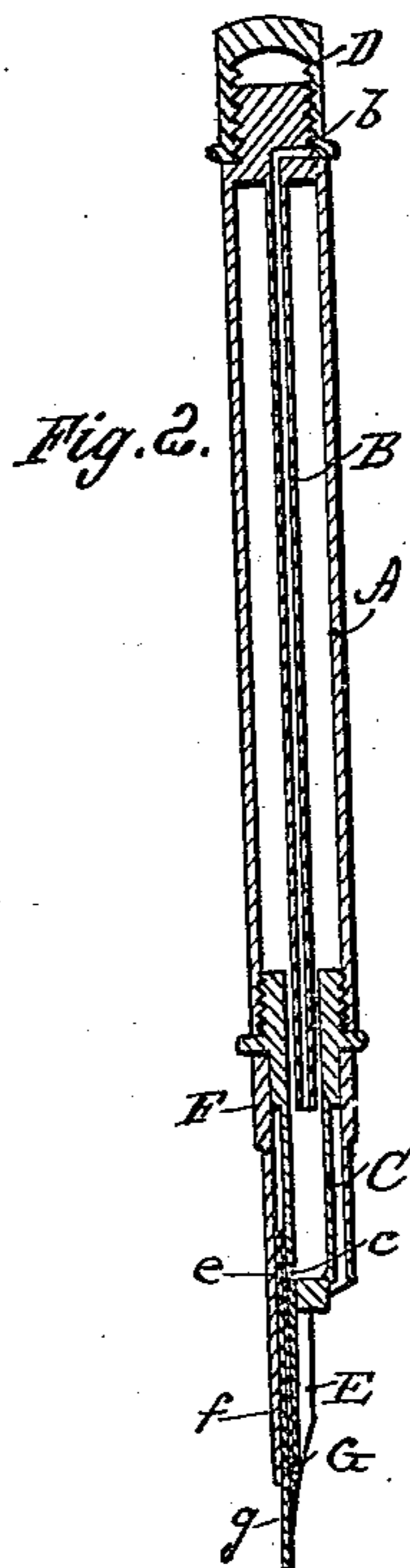
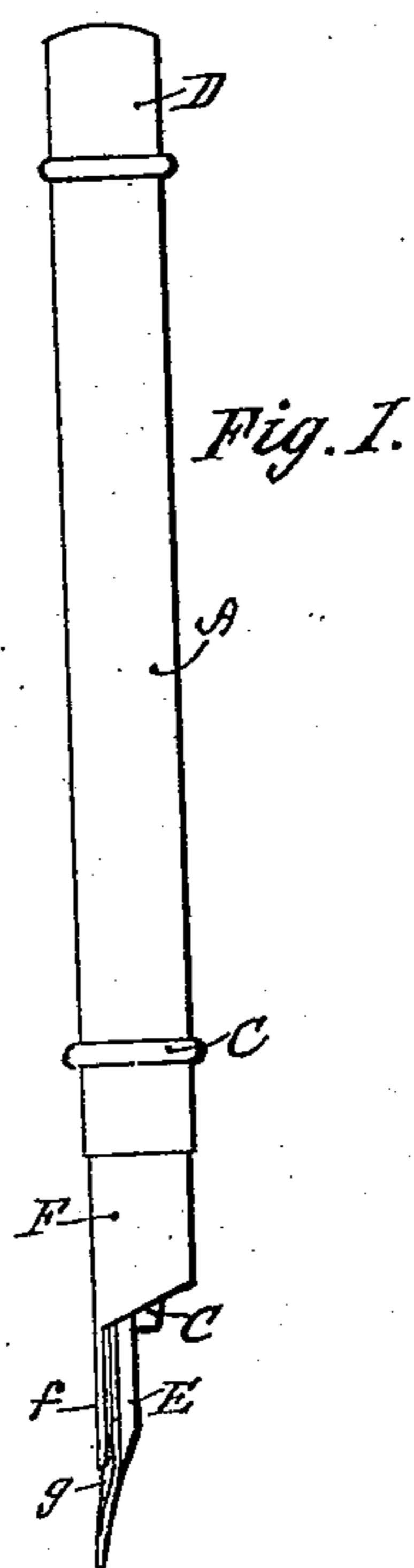


(No Model.)

W. H. WALES.
FOUNTAIN PEN.

No. 291,964.

Patented Jan. 15, 1884.



Witnesses.

Socrates Scholfield
Chas H Beeble

Inventor:

Walter H. Wales.

UNITED STATES PATENT OFFICE.

WALTER H. WALES, OF PROVIDENCE, RHODE ISLAND.

FOUNTAIN-PEN.

SPECIFICATION forming part of Letters Patent No. 291,964, dated January 15, 1884.

Application filed August 2, 1883. (No model.)

To all whom it may concern:

Be it known that I, WALTER H. WALES, of Providence, in the State of Rhode Island, have invented an Improvement in Fountain-Pens, of which the following is a specification.

My invention relates to that class of fountain-pens in which an ordinary writing-pen is employed; and it consists in the improved combination of the several parts, and in the employment of a soft-rubber pad, whereby the ink is conveyed to the upper side and point of the pen, as hereinafter fully set forth.

Figure 1 is an elevation of my improved fountain-pen. Fig. 2 is a longitudinal section of the same. Fig. 3 is an elevation of the pen-holding tube, showing the inner side of the tongue. Fig. 4 represents a plan and edge view of the soft-rubber pad. Fig. 5 is an elevation, and Fig. 6 an end view, of the lip for conducting ink to the underside of the pen.

In the accompanying drawings, A is the barrel or ink-reservoir of the pen; B, the air-tube, extending downward from the upper end of the ink-chamber to a point within the bore of the tube C, which is made to screw into the lower end of the barrel A. The upper end of the air-tube is provided with a vent-cap, D, which, by unscrewing, will serve to admit air to the tube B through the aperture b, made at the side of the air-tube. The tube C is provided with an aperture, c, through which the ink is made to flow to the pen. The pen E is held in the tube F, provided with a flexible tongue, f, which extends to near the point of the pen, and the pen E is provided with a perforation, e, which, when the pen is in po-

sition, lies opposite the aperture c in the tube C. The ink from the aperture c will thus pass through the perforation e to the upper side of the pen. Between the upper side of the pen and the tongue f is placed the soft-rubber pad g, which serves to form a cushion between the pen and tongue f and to keep the ink moist and ready to flow to the point of the pen, the rubber pad being made to extend to the point of the pen beyond the forward end of the tongue f. The lower end of the tube C is cut away externally, as shown in Fig. 2, and thus adapted to receive the lip G, which is frictionally held between the end of the tube C and the under side of the pen, and is adapted to conduct the ink to the point of the pen on the under side of the same, thus insuring a full and free delivery of ink for writing.

I claim as my invention—

1. The combination of the barrel A, air-tube B, ink-delivering tube C, provided with an aperture, c, pen-holding tube F, provided with the tongue f, pen E, provided with the perforation e, soft-rubber pad g, and the lip G, all constructed and arranged substantially as described.

2. In a fountain-pen, the combination of the ink-delivering tube C, provided with the aperture c, writing-pen E, provided with the perforation e, tube F, provided with the flexible tongue f, and the soft-rubber pad g, whereby the ink is kept moist and guided freely to the point of the pen at the upper side of the same, substantially as described.

WALTER H. WALES.

Witnesses:

H. S. BABCOCK,
SOCRATES SCHOLFIELD.