

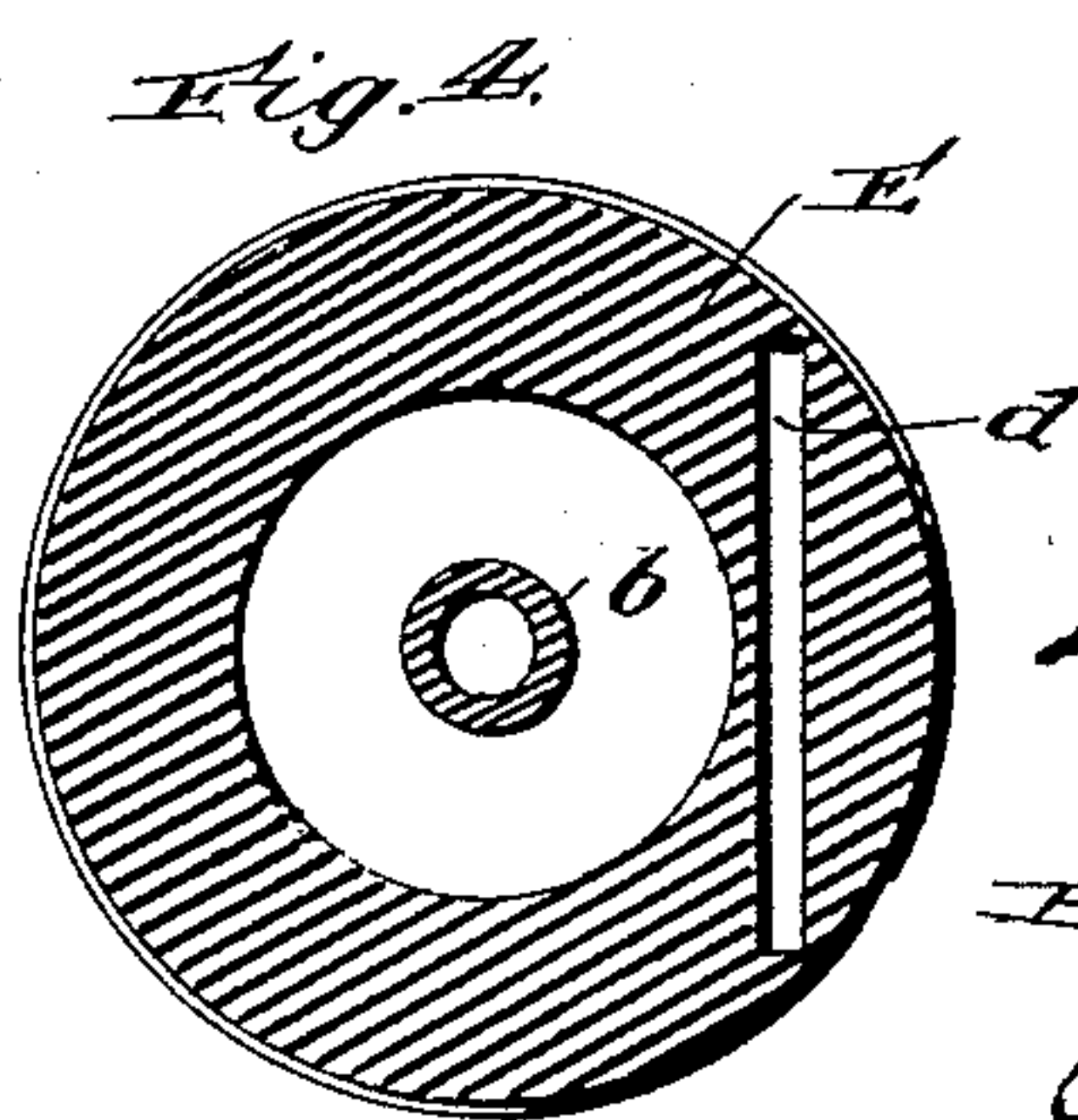
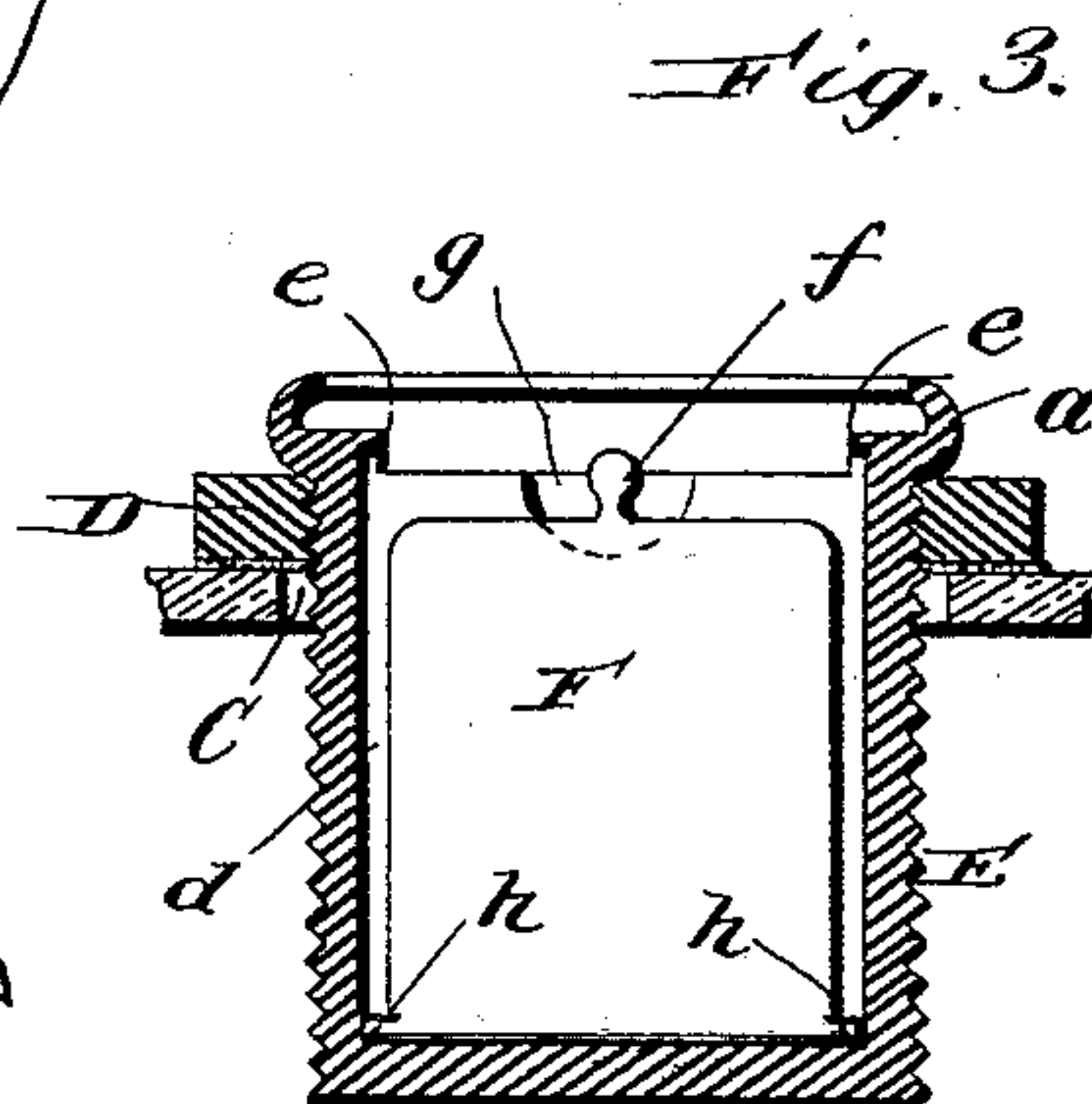
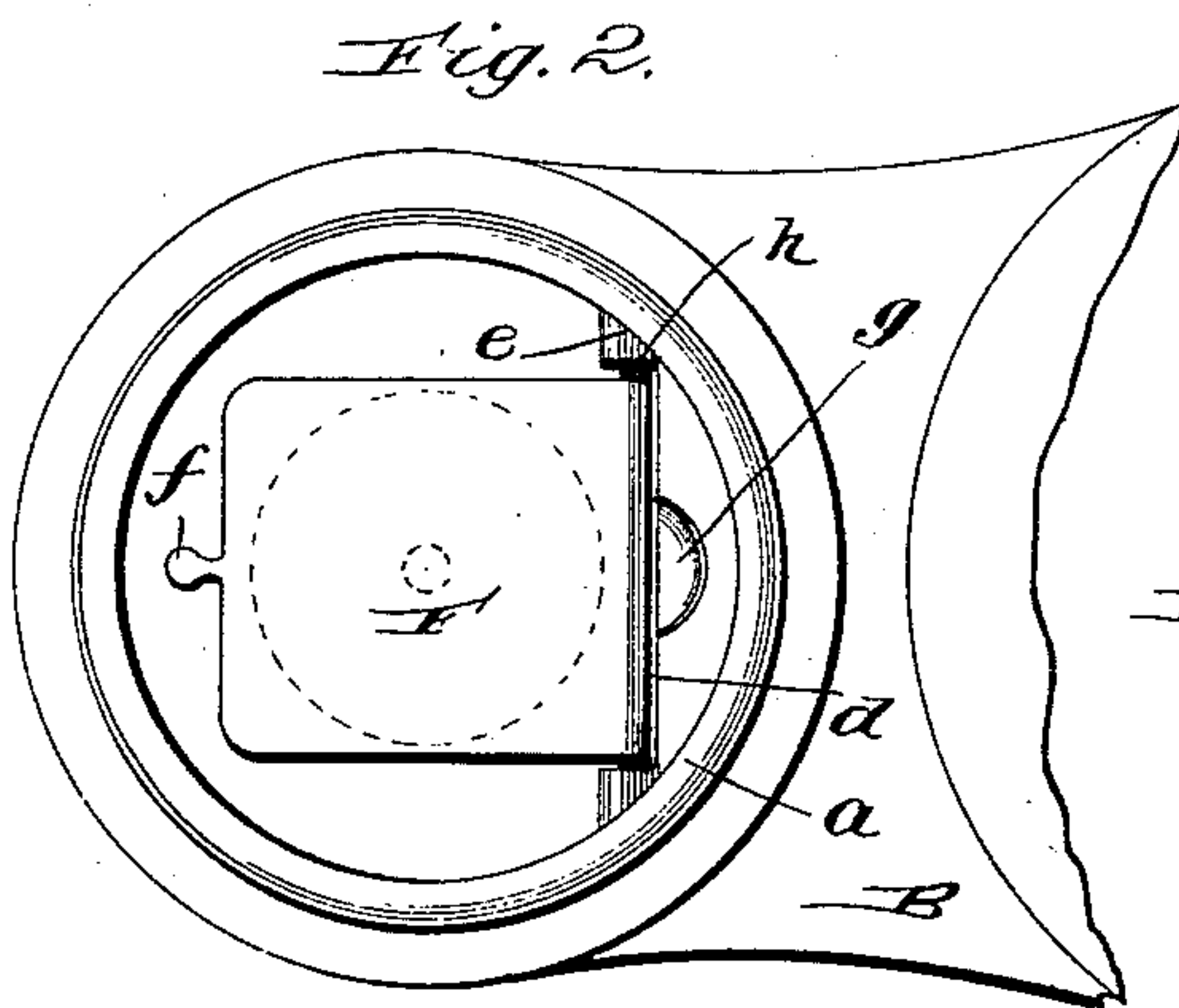
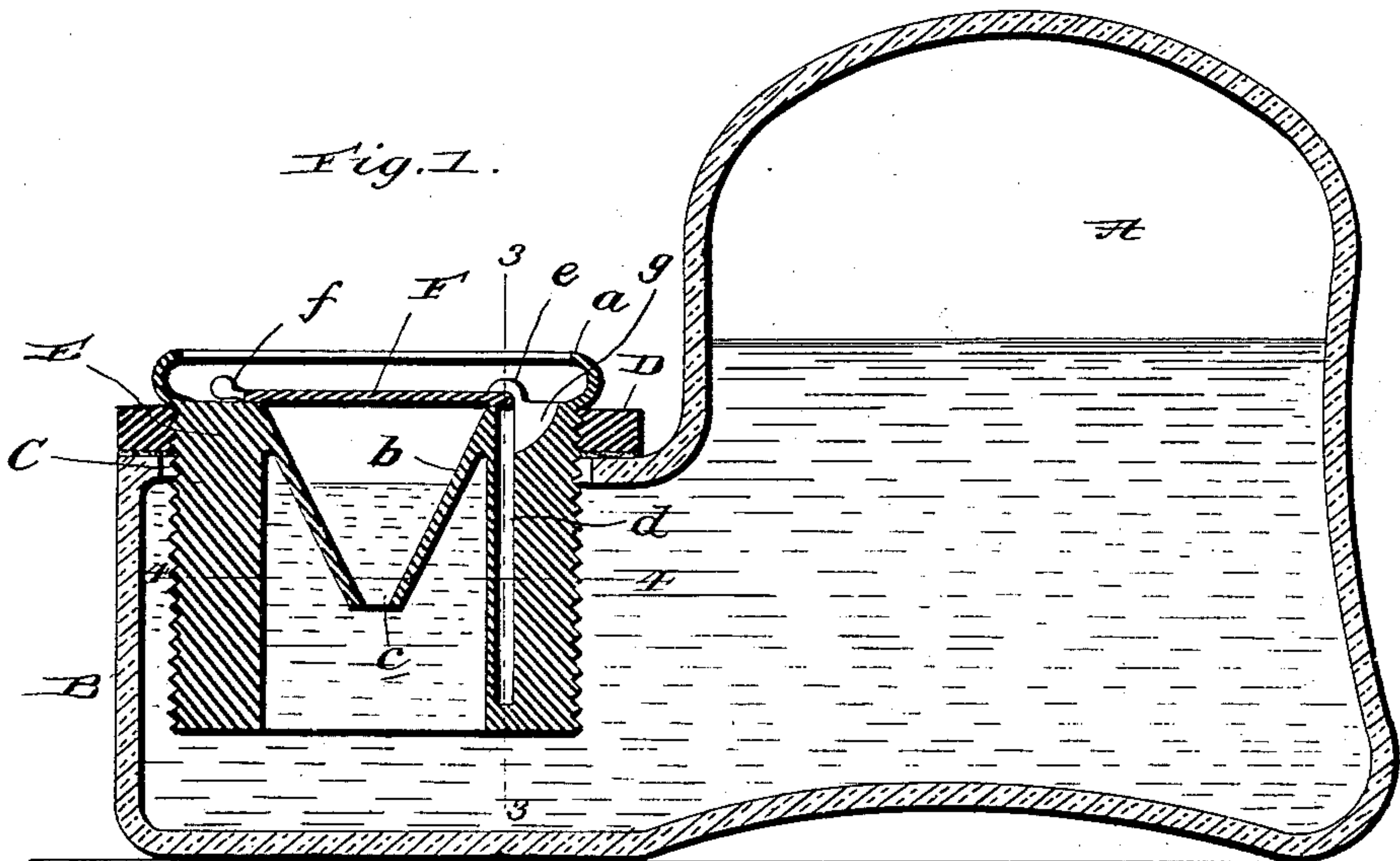
No. 633,502.

Patented Sept. 19, 1899.

H. B. CAMPBELL.
INKSTAND.

(Application filed Mar. 24, 1899.)

(No Model.)



Witnesses:

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UNITED STATES PATENT OFFICE.

HENRY B. CAMPBELL, OF SCRANTON, PENNSYLVANIA.

INKSTAND.

SPECIFICATION forming part of Letters Patent No. 633,502, dated September 19, 1899.

Application filed March 24, 1899. Serial No. 710,316. (No model.)

To all whom it may concern:

Be it known that I, HENRY B. CAMPBELL, a citizen of the United States, residing at Scranton, in the county of Lackawanna and State of Pennsylvania, have invented new and useful Improvements in Inkstands, of which the following is a specification.

My invention relates to inkstands, and contemplates the provision of a simple and inexpensive inkstand in which the ink will flow of itself into the dipping-cup and one embracing a dipping-cup susceptible of adjustment, so as to present a proper quantity of clear ink to a pen, and simple, compact, and efficient means for closing the dipping-cup when the stand is not in use in order to prevent evaporation and other deterioration of the ink and preserve the same in a proper fluid condition.

The invention will be fully understood from the following description and claims when taken in conjunction with the annexed drawings, in which—

Figure 1 is a longitudinal section of an inkstand embracing my invention. Fig. 2 is a plan view of the reduced portion of the reservoir which bears my improvements. Fig. 3 is a transverse section taken in the plane indicated by the line 3 3 of Fig. 1 with the cover of the dipping-cup in its socket. Fig. 4 is a detail horizontal section taken on the line 4 4 of Fig. 1.

In the said drawings similar letters designate corresponding parts in all of the several views.

The reservoir A of the inkstand is formed in one piece of glass or other suitable material and is provided with the usual reduced portion B and a circular opening C in the upper wall thereof.

D is an annulus, preferably of hard rubber, which is connected by cement or other suitable means to the upper wall of the reduced portion B around the opening C and is internally threaded, as shown, and E is the dipping-cup, which is also by preference of hard rubber and is exteriorly threaded to engage the internal threaded annulus D, and is therefore adapted to be adjusted vertically with respect to said annulus and the reduced portion B of the reservoir, for a purpose presently described. The said dipping-cup is provided at its upper edge with a marginal flange α , of

curvilinear form in cross-section, calculated to prevent ink from dripping from the dipping-cup upon that portion of the reservoir surrounding the same, and it is also provided with a central and preferably integral funnel b, into which the pen is designed to be dipped.

The ink by reason of a well-known hydrostatic principle enters the funnel b through the lower contracted end c thereof and rises to about the height illustrated in Fig. 1. From this it follows that clear ink is always presented to the pen, and it will also be appreciated that by adjusting the dipping-cup with respect to the annulus D and the portion B of reservoir A the quantity or depth of ink contained in the funnel b may be increased or diminished to suit the pens and tastes of different writers. For instance, when it is desired to present a considerable quantity of ink to the pen the dipping-cup is screwed downwardly, while when it is desired to present a less quantity the said cup is screwed upwardly.

In the dipping-cup, at one side of the funnel b, is provided a vertically-disposed socket d, which is closed at its bottom and is provided at its upper end and at opposite sides with stop-lugs e, as best shown in Fig. 3. This socket when the inkstand is in use is designed to receive a cover F after the manner shown in Fig. 3.

The cover F, which is preferably of sheet metal, is provided at its upper end with a knob f, which when the cover is in the socket rests coincident with a notch g in the top of the cup E, and may therefore be readily grasped by the operator. At its lower end the cover is provided with lateral trunnions h, which when the cover is raised in the socket are designed to engage the stop-lugs e, and thereby hold the cover to the cup and yet enable said cover to assume a position flat upon the upper end of the cup, so as to entirely and effectually close the same, and thereby prevent evaporation and other deterioration of the ink in the stand. When the stand is to be used, the operation described is reversed—that is, the cover is swung upwardly until it rests in alinement with the socket and is then dropped in the socket. From this it will be seen that the cover F is permanently connected to the inkstand and is not liable to be misplaced and

lost; also that when not in use said cover is entirely out of the way, which is an important advantage.

It will be observed from the foregoing that
5 with all of its advantages my improved inkstand is very simple and embodies but a minimum number of parts, and may therefore be made and sold with profit for a price almost, if not quite, as low as that for which ordinary
10 inkstands are offered.

Having thus described my invention, what I claim is—

1. In an inkstand, the combination of a reservoir, a dipping-cup connected thereto and
15 having an opening and a vertically-disposed socket arranged at one side of the opening and having stop-lugs at its upper end, and a cover arranged in the socket and having lateral trunnions at its lower end arranged to en-
20 gage the stop-lugs, substantially as specified.

2. In an inkstand, the combination of the

reservoir having the reduced portion and the opening in the upper wall thereof, an interiorly-threaded annulus fixed with respect to the reservoir and surrounding the said open- 25
ing thereof, the exteriorly-threaded dipping-cup arranged in the annulus and opening of the reservoir and having a funnel and a vertically-disposed socket at one side of the funnel provided with stop-lugs at its upper end, 30
and also having a notch in its upper end communicating with the socket, and a sheet-metal cover arranged in the socket and having the trunnions at its lower end and the knob at its upper end, substantially as specified. 35

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

HENRY B. CAMPBELL.

Witnesses:

O. B. PARTRIDGE,

A. D. PRESTON.