

(No Model.)

S. DARLING.

INKSTAND.

No. 368,326.

Patented Aug. 16, 1887.

Fig. 1.

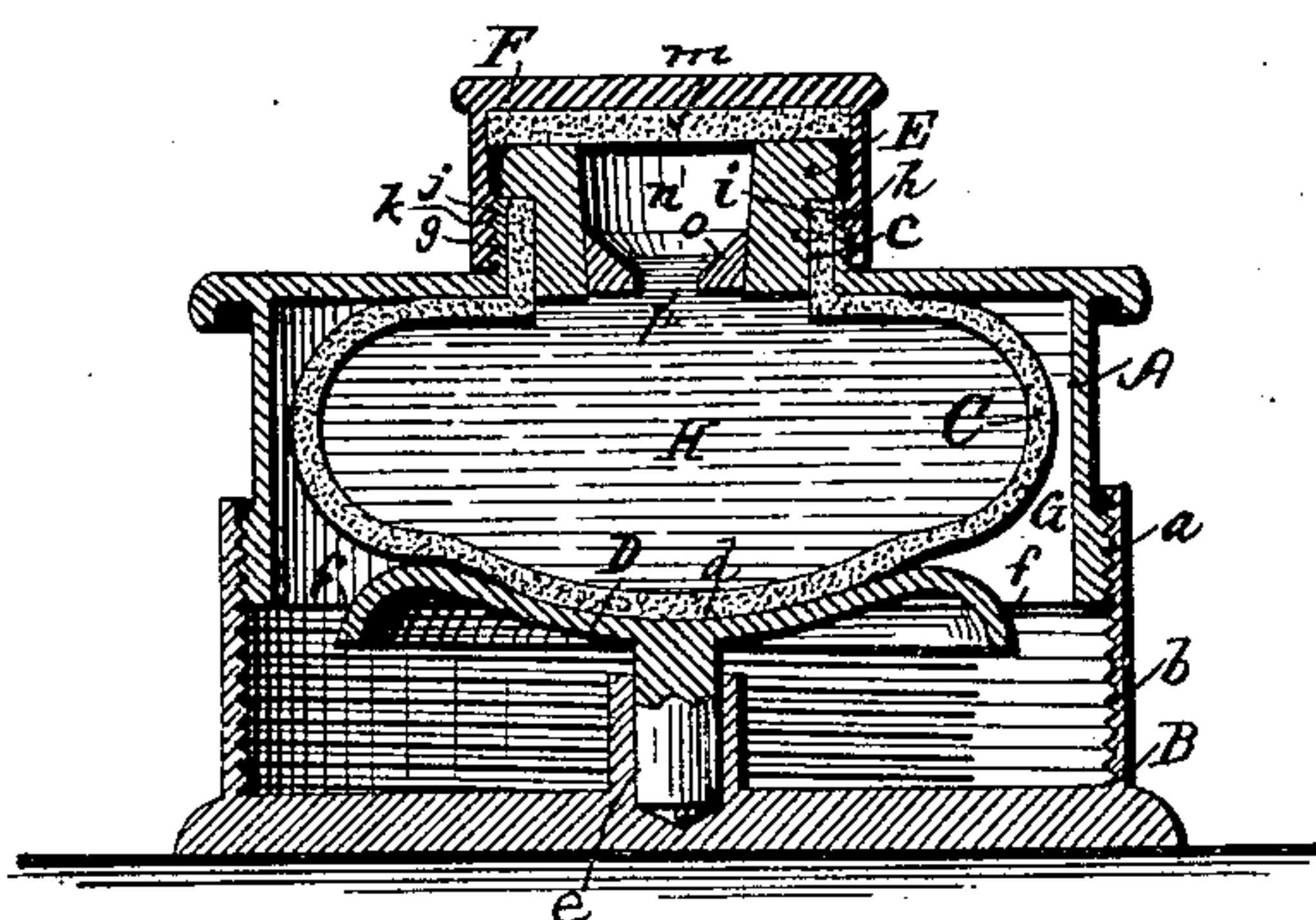
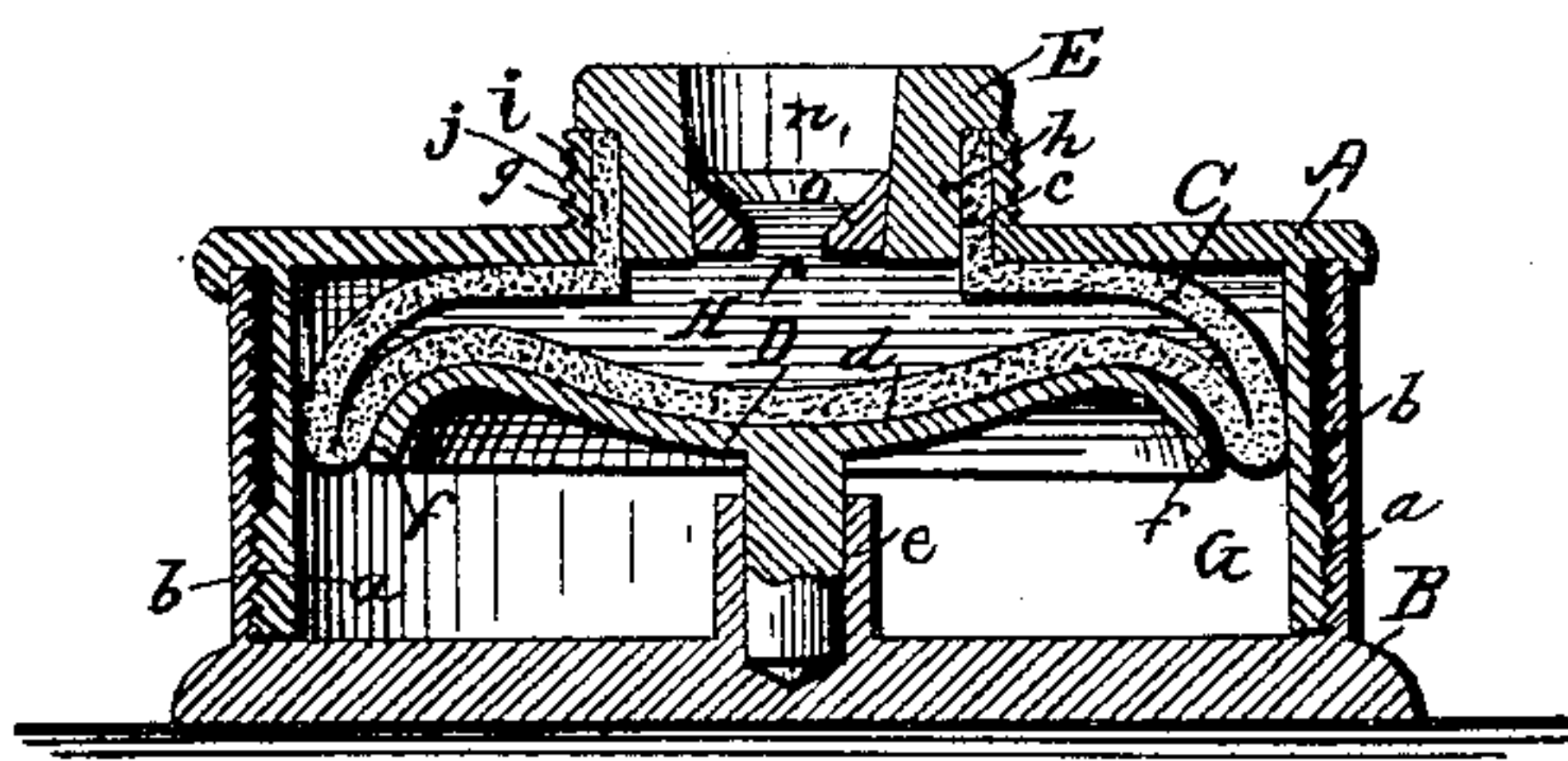


Fig. 2.



Witnesses:

Chas. F. Schmetz.

James W. Beaman

Inventor:

Samuel Darling

By

S. Scholfield

Attorney.

# UNITED STATES PATENT OFFICE.

SAMUEL DARLING, OF PROVIDENCE, RHODE ISLAND.

## INKSTAND.

SPECIFICATION forming part of Letters Patent No. 368,326, dated August 16, 1887.

Application filed May 26, 1887. Serial No. 239,496. (No model.)

*To all whom it may concern:*

Be it known that I, SAMUEL DARLING, a citizen of the United States, residing at Providence, in the State of Rhode Island, have invented a new and useful Improvement in Inkstands, of which the following is a specification.

My invention relates especially to that class of inkstands which are provided with an elastic ink-fountain, and the object of my improvement is to simplify and cheapen the construction of such inkstands; and it consists in making the fountain-case of the inkstand in top and bottom portions, which are connected by means of screw-threads, with a revoluble follower pivoted to the bottom portion, whereby the follower is caused to maintain a relatively fixed position with the ink-fountain, which is attached to the top portion of the case, and in an improved arrangement of the follower, elastic fountain, and the case, whereby upon the upward movement of the follower the ink-fountain will be pressed into an inverted-cup form, thus expelling the ink from the outer portion of the fountain and preventing injurious strain upon the rubber wall of the same, and also in the improved construction and arrangement of parts of the case, as hereinafter fully set forth.

Figure 1 is a central vertical section of my improved inkstand, showing the elastic ink-fountain in its expanded condition and filled with ink. Fig. 2 is a similar section showing the ink-fountain in its compressed condition and nearly empty.

In the accompanying drawings, A is the upper or top portion of the case, which is provided upon its lower exterior surface with a screw-thread, *a*, and B is the base or bottom portion, provided with an interior screw-thread, *b*, which fits the screw-thread *a* of the top portion. The ink-fountain C is made of india-rubber and provided with a neck, *c*, by means of which it is to be secured to the upper part, A, of the case.

The follower D is hollowed at its central portion, *d*, to fit the bulging form of the bottom of the ink-fountain and pivoted within the socket *e* in the bottom portion of the case. It is also provided with the downwardly-turned edge *f*, which extends to within about twice the thickness of the walls of the ink-fountain

from the adjacent wall of the case. The neck *c* of the ink-fountain passes upward through the central opening, *g*, in the top portion, A, of the case, and is secured therein by means of the forcible insertion of the stem *h* of the dip-cup E, which serves to press the elastic neck of the fountain firmly against the wall of the opening *g*. The upwardly-projecting flange *i* which surrounds the opening *g* is provided with an external screw-thread, *j*, which is adapted to receive the interior screw-thread, *k*, of the cap F, and at the upper interior portion of the cap F is placed the rubber packing-disk *m*, which serves to form a tight joint between the cap F and the upper surface of the dip-cup. The cavity *n* in the dip-cup to receive the ink is made slightly tapering, and at its lower end is placed the removable pen-gage *o*, which serves to limit the downward movement of the pen when dipping for the ink, the opening *p* at the lower side of the pen-gage being made of less diameter than the width of the writing-pen. When filling the fountain with ink, the pen-gage can be removed upward from the cavity *n* by means of a hook or otherwise.

The ink-fountain in the plane of its greatest diameter is made to nearly fill the horizontal area of the chamber G of the case, so that upon the upward movement of the follower, caused by turning either the upper or lower portions of the case, the bottom of the elastic ink-fountain will be carried upward within the upper portion of the same, so that the fountain will be compressed to the form of an inverted cup, which will tend to throw the ink from the outer portions of the chamber H of the ink-fountain toward the center of the same, and will also cause the walls of the fountain to be folded without injurious strain, which would cause the rapid deterioration of the rubber. The upward movement of the follower, by causing the compression of the fountain, forces the ink upward into the cavity *n* of the dip-cup, and the reverse movement of the follower will cause the withdrawal of the ink from the said cavity. Upon screwing down the cap F the cavity *n* of the dip-cup will be tightly closed, so that the inkstand can be either carried in the pocket or handled without danger of leaking.

Whenever the parts of the case are revolved



upon each other, the pivoted follower will hold a relatively fixed position against the bottom of the fountain, and will not therefore cause the wearing or abrasion of the fountain, as when the follower is permanently fastened to the base B; but it is to be understood that I do not limit myself to the pivoted construction of the follower in carrying out my invention.

I claim as my invention—

10 1. An inkstand having an elastic ink-fountain, a dip-cup, and a case made in top and bottom portions which are connected by screw-threads, and having a revoluble follower pivoted to the bottom portion, substantially  
15 as and for the purpose specified.

20 2. An inkstand having a fountain-holding case or frame, an elastic ink-fountain which in its compressed condition, as described, closely fits against the inner side of the said holding case or frame, a follower having a less area than the extreme horizontal area of the ink-fountain and a downwardly-turned edge,

and means for pressing the follower against the bottom of the ink-fountain, whereby the said bottom of the fountain will be inverted 25 within the top portion, substantially as and for the purpose specified.

3. An inkstand having an elastic ink-fountain, a dip-cup, and a case having upper and lower portions, the upper portion being 30 adapted to hold and carry the ink-fountain and dip-cup, and provided with a screw-thread upon its lower exterior surface, the lower portion having an interior screw-thread fitting the screw-thread of the upper portion, and a fol- 35 lower supported by the lower portion and adapted to force the ink from the ink-fountain into the dip-cup upon the proper revolution of either portion of the case, substantially as described.

SAML. DARLING.

Witnesses:

SOCRATES SCHOLFIELD,  
CHAS. F. SCHMELZ.