

(No Model.)

F. H. ALLEN.

INKSTAND.

No. 358,244..

Patented Feb. 22, 1887.

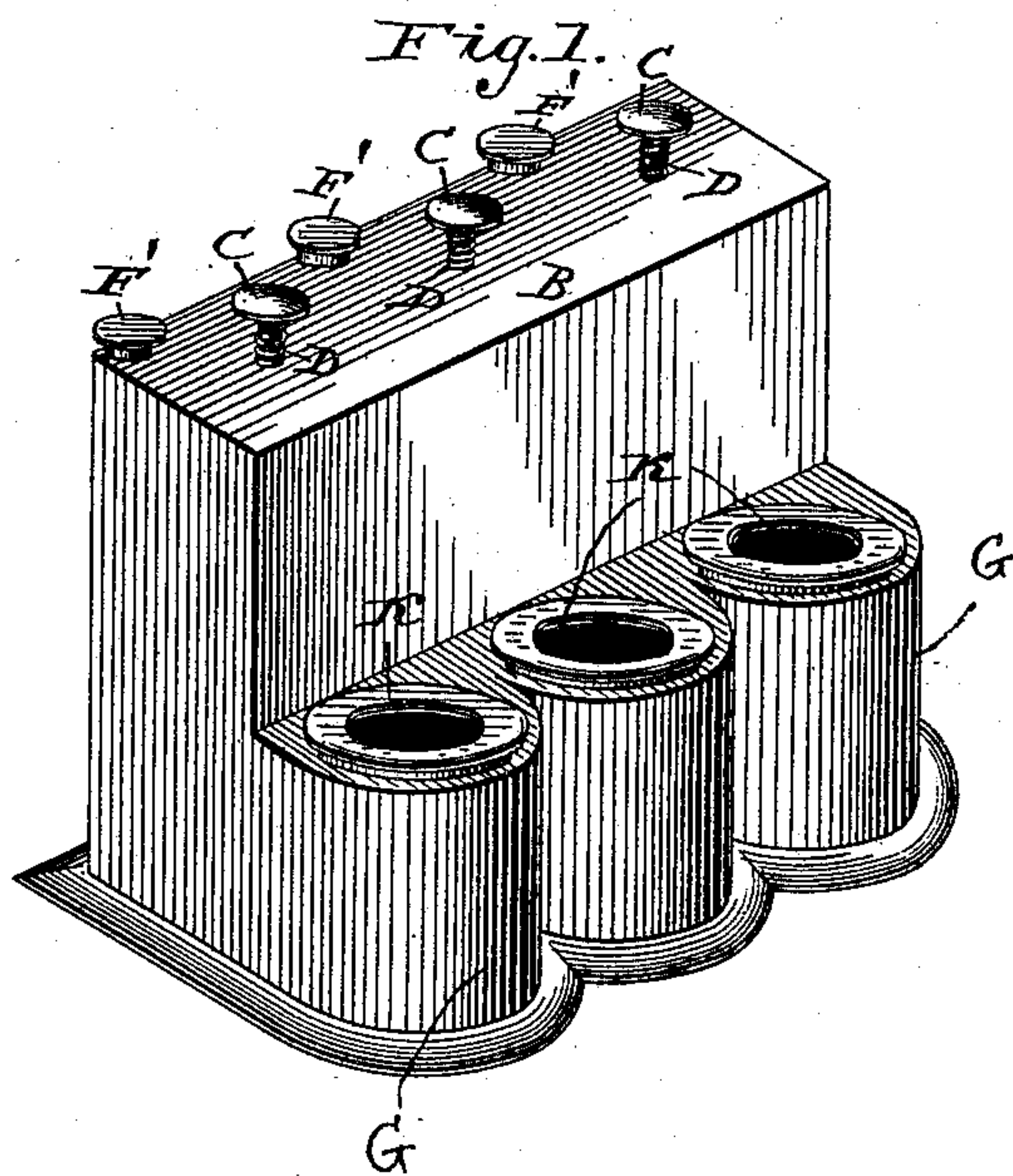


Fig. 2.

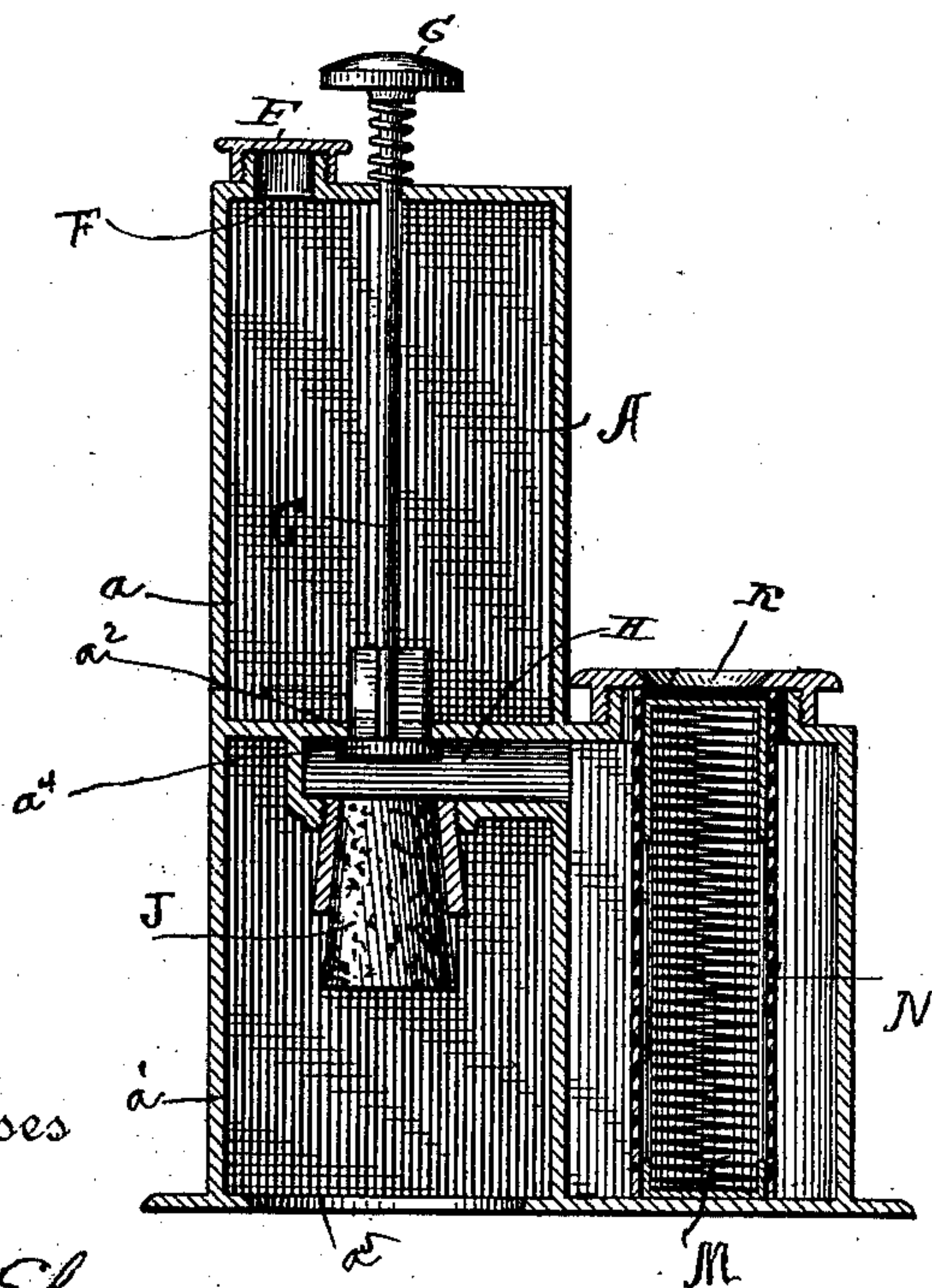
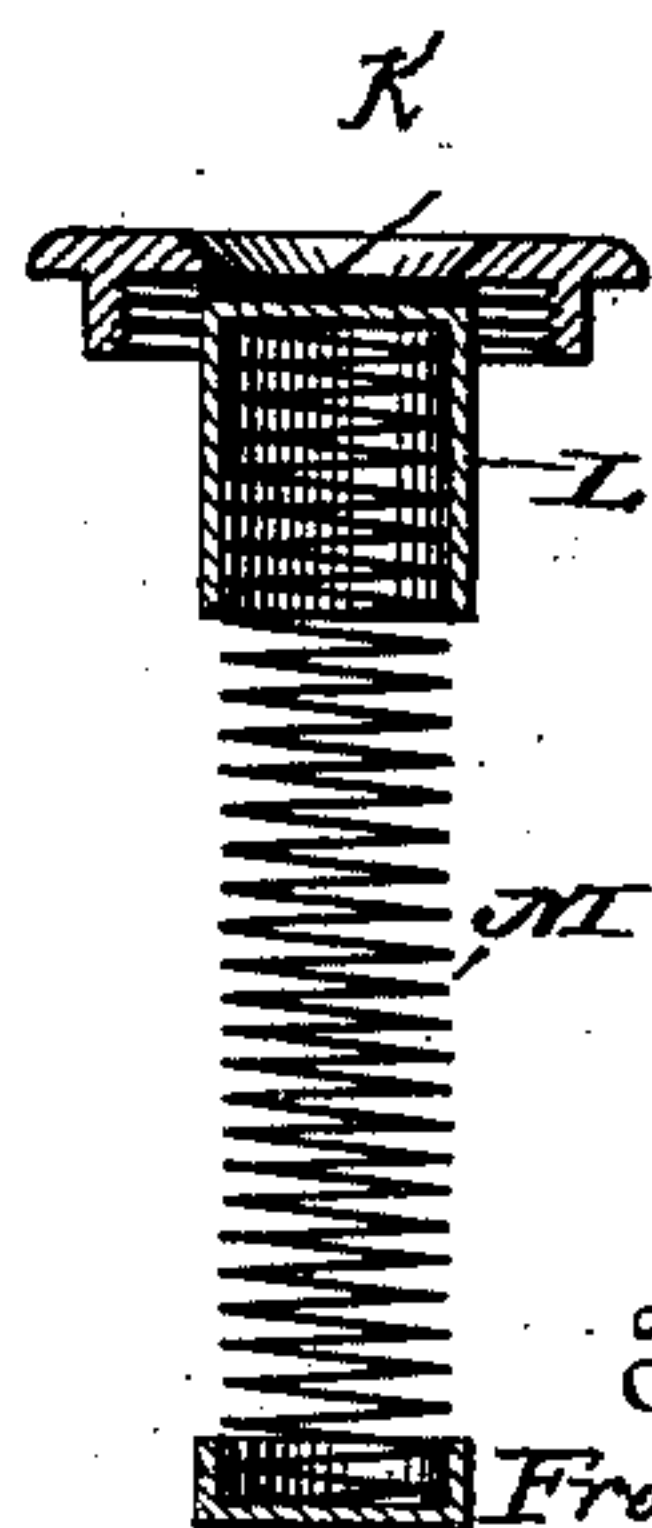


Fig. 3.



Fig. 4.



Witnesses

H. W. Elmore,
Fred. V. Fischer,

Inventor

Frank H. Allen.

By his Attorney

W. R. Stringfellow

UNITED STATES PATENT OFFICE.

FRANK H. ALLEN, OF NEW RIVER, LOUISIANA.

INKSTAND.

SPECIFICATION forming part of Letters Patent No. 358,244, dated February 22, 1887.

Application filed July 27, 1886. Serial No. 209,258. (No model.)

To all whom it may concern:

Be it known that I, FRANK H. ALLEN, a citizen of the United States of America, residing at New River, in the parish of Ascension and State of Louisiana, have invented certain new and useful Improvements in Inkstands, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to inkstands, and more especially to that class in which a reservoir is employed in connection with one or more wells, said reservoir being provided with one or more valves to control the flow of ink to said wells.

The object of the invention is to obviate the necessity of frequently filling the stands and to prevent all possibility of the ink being wasted in filling.

The invention consists in the features of construction and combinations of parts, hereinafter fully described and claimed.

In the drawings, Figure 1 is a perspective view of my improved inkstand. Fig. 2 is a transverse vertical section of the same. Fig. 3 is a detail view of the valve; and Fig. 4 is a detail elevation, partly in section.

Referring to the drawings, A represents the reservoir, having openings in its top B, as shown.

C represents a series of valves working in the openings in the top B, having the heads C', by which they may be operated. On the upper ends of the valves C, between the top B and the heads C', are coil-springs D, by which the valve is held to its seat.

The reservoir A is divided into an upper and lower compartment, a a' , by means of a partition-plate, a^2 , which latter is provided with an opening forming a valve-seat, a^3 , in which the head a^4 of the valve is adapted to fit. At the upper end of the reservoir are provided a series of filling-openings, F, closed by caps F'.

G represents the ink-wells, of which there may be as many as desired, and each of which is connected with the reservoir A by a pipe,

H. Each of the pipes H is provided with a threaded opening to receive a bush, I, in which is fitted a stopper, J. By this construction, should sediment accumulate in pipe H or in the bottom of the reservoir, it may be withdrawn by removing the stopper, which will allow the discharge to pass to the lower compartment, a' , and out through the openings a^5 in the bottom of the latter.

The tops K of the wells G are each provided with an opening, and for closing said openings and preventing access of air to the ink I have provided each of the wells with a rubber cap, L, which is held in engagement with the opening of the cap by spring M, inclosed by a perforated case, N, through which the ink passes.

In operation the reservoir is filled with ink and the valve lowered from engagement with its seat, which causes the ink to flow into the well G and into the perforated case.

When it is desired to use ink, the rubber cap is depressed with the point of the pen, which causes ink to flow thereto. When the pen is removed the cap is forced against the cap of the well and closes the opening therein, so that the well is rendered air-tight and the contents prevented from spilling should the stand upset.

I claim—

1. In an inkstand, the combination, with a well having an opening, of a perforated case therein, a cap within the case and adapted to close the opening in the well, and a spring in said case bearing against the cap.

2. In an inkstand, the combination, with a reservoir provided with a valve, of a well, a pipe connecting the reservoir and well, a perforated case in the latter, and a cap and spring inclosed by said case.

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

FRANK H. ALLEN.

Witnesses:

HENRY J. RHODES,
LOUIS P. PAQUET.