

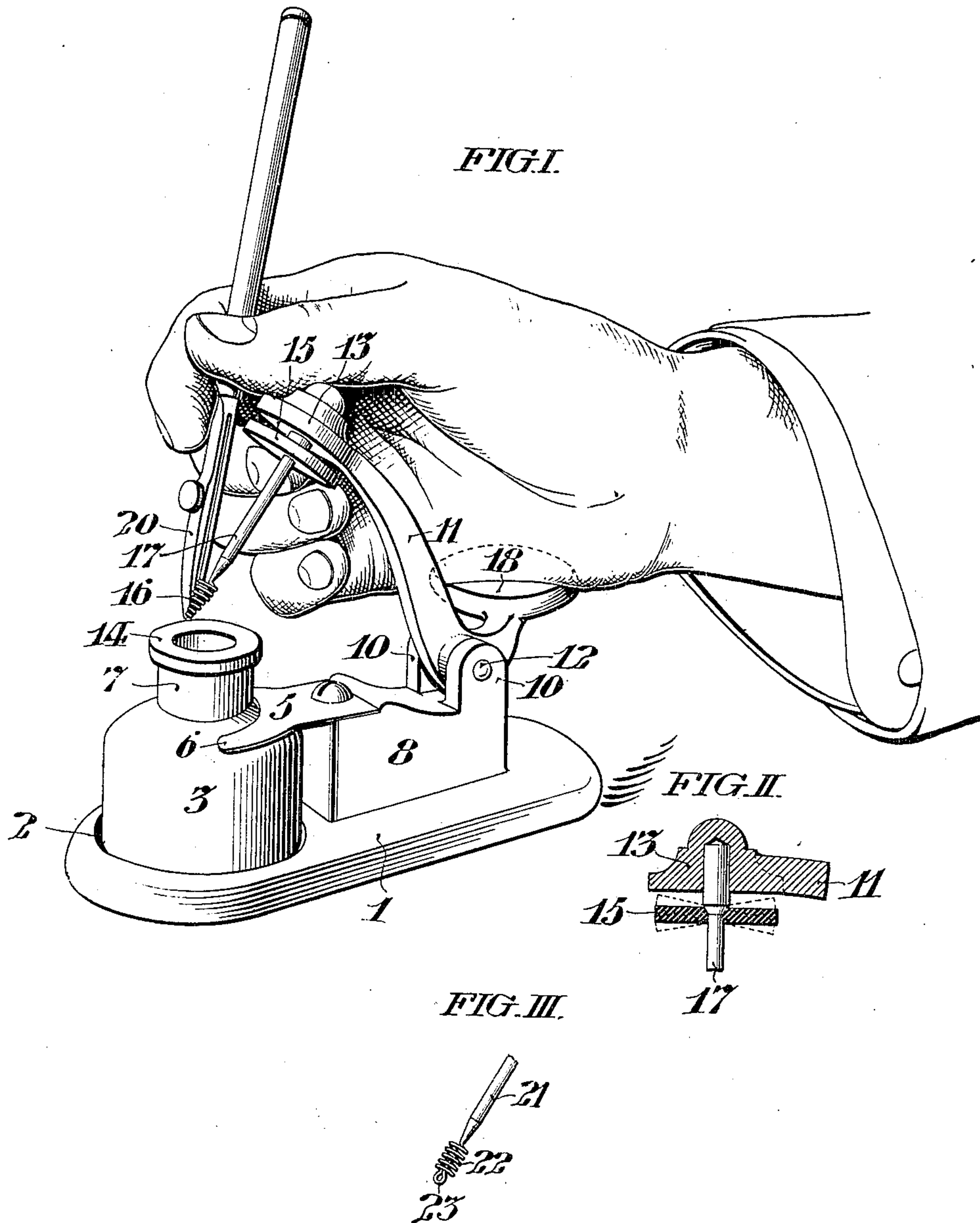
No. 825,691.

PATENTED JULY 10, 1906.

F. A. ALTENEDER.

INKSTAND.

APPLICATION FILED SEPT. 14, 1905.



WITNESSES:

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# UNITED STATES PATENT OFFICE.

FERDINAND A. ALTENEDER, OF WYNCOTE, PENNSYLVANIA.

## INKSTAND.

No. 825,691.

Specification of Letters Patent.

Patented July 10, 1906.

Application filed September 14, 1905. Serial No. 278,370.

*To all whom it may concern:*

Be it known that I, FERDINAND A. ALTENEDER, of Wyncote, in the county of Montgomery and State of Pennsylvania, have invented certain new and useful Improvements in Inkstands, whereof the following is a specification, reference being had to the accompanying drawings.

Although my invention may be employed to dispense any liquid, it may be employed with particular advantage by a draftsman to charge drawing instruments with ink dispensed from a bottle. Ordinarily such an ink-bottle is provided with a stopper having a quill which dips into the ink when the stopper is in the bottle, and both hands of the draftsman are necessarily employed to remove the stopper from the bottle and to charge a pen with the ink from the quill. Moreover, it is practically impossible to thus charge a pen without depositing ink upon the outside of it, and thus necessitating that it be wiped each time it is filled.

It is an object of my invention to provide means for dispensing drawing-ink from bottles in which it is sold or other receptacles and in such a manner that but one hand of the operator is required and the ink is deposited solely within the pen, so that it does not require to be wiped.

As hereinafter described, my invention comprises a base having means to detachably hold a bottle, a lever pivoted on said base and carrying at one end a cover for said bottle and having an oppositely-extending arm upon which the operator may rest his hand to raise said cover. Said cover is provided with a filler arranged to dip into the liquid in the bottle when the cover is lowered to close the bottle and comprising a wire which is spirally wound and pointed for insertion between the nibs of the pen.

My invention comprises the various novel features of construction and arrangement hereinafter more definitely specified.

In the drawings, Figure I is a perspective view of an inkstand constructed in accordance with my invention and illustrating the employment thereof to fill a drawing-pen. Fig. II is a fragmentary sectional view of the end of the lever comprising a cover and carrying the filler. Fig. III is a perspective view of a modified form of filler.

Referring to Fig. I, the base 1, provided with the recess 2, forms a seat for the bottle 3,

which is detachably held within said seat by the spring-plate 5, having the bifurcated end 6 arranged to embrace the neck 7 of said bottle. The spring-plate 5 is conveniently secured to the boss 8, which comprises the lugs 10, between which the lever-arm 11 is pivoted on the pin 12, intermediate of its length. Said arm 11 extends over the bottle 3 and is provided with the cover 13, arranged to close the bottle-mouth 14 with the gasket 15, of suitable resilient material. I find it preferable to make said gasket of flexible rubber or other material which will conform to the bottle-mouth. As shown in Fig. I, the filler 16 is formed of a conical spirally-wound wire supported on the end of the stem 17, which depends from the cover 13 into the bottle 3. The rear end of the lever-arm 11 is provided with the handle 18, arranged to be depressed by the hand of the operator, which also presents a pen 20 to the filler 16, as shown.

It may be observed that the operator may with one hand open the bottle 3 and fill a pen 20 by placing it in contact with the filler 16 and that the latter is so formed as to deposit the liquid solely within the pen, so that it is not necessary to wipe its exterior surface before using it. It may be noted that said handle 18 extends from the fulcrum 12 oppositely to the lever 11 obliquely out of alinement with respect to said lever, so as to conveniently support the operator's hand in the position shown in Fig. I. When the pen is filled, the operator simply removes his hand from the handle 18, and by reason of the cover end of the lever-arm 11 being heavier than its handle end the bottle is automatically closed and the filler 16 again dipped in the liquid.

Although I prefer to employ the form of filler indicated at 16 in Fig. I, it is to be understood that other forms of fillers may be employed. For instance, as shown in Fig. III, the stem 21 is provided with the filler comprising the spirally-wound cylindrical body 22, having the terminal-bight 23, which may be inserted edgewise between the nibs of the pen 20.

It may be observed that bottles in which drawing-ink is ordinarily sold and of the configuration indicated at 3 in Fig. I vary somewhat in height, and such variation is compensated and the bottle maintained closed by the gasket 15, which is capable of being flexed, as indicated by the dotted lines



in Fig. II, so as to register with the plane of the bottle-mouth regardless of the height at which it is presented.

It is of course to be understood that the stand above described may be furnished with a liquid-receptacle which is of the desired height and which may be charged with ink from the commercial ink-bottles. Moreover, although I find it highly desirable to provide the stand with a filler, such as above described it is to be understood that the filler may be dispensed with and the pen dipped directly in the ink in the receptacle, which is opened and closed as above described.

I do not desire to limit myself to the precise details of construction and arrangement herein set forth, as it is obvious that various modifications may be made therein without departing from the essential features of my invention.

I claim—

1. The combination with a stand arranged to support a bottle; of a cover for said bottle pivoted to said stand; and, a filler comprising a coil of wire carried by said cover, substantially as set forth.

2. The combination with a stand arranged to support a bottle; of a cover for said bottle pivoted to said stand; and, a filler comprising a conical coil of wire carried by said cover, substantially as set forth.

3. The combination with a stand arranged to support a bottle; of a lever pivoted in said stand; a cover for said bottle carried by said lever; a coiled wire depending from said cover, arranged to enter said bottle; a resilient gasket on said cover arranged to engage the mouth of said bottle; and, a handle arranged to be depressed to remove said cover, substantially as set forth.

4. The combination with a stand arranged to support a bottle; of a lever; a cover for said bottle carried by said lever; a stem depending from said cover; a filler comprising a cone of spirally-wound wire secured to said stem and arranged to raise a limited quantity of liquid from said bottle; and, a handle on said lever, extending out of alinement there-

with and arranged to be depressed to raise said cover, substantially as set forth.

5. In a fluid-dispensing stand, the combination with a base; of a seat in said base arranged to receive a bottle; a spring-plate arranged to hold said bottle in its seat; a lever-arm pivoted on said base; a cover for said bottle carried by said arm; a resilient gasket on said cover, arranged to form a substantially air-tight joint between said bottle and said cover; a filler carried by said cover; and, a hand-rest on said lever, arranged to be depressed to uncover said bottle, substantially as set forth.

6. The combination with an ink-receptacle; of a cover for said receptacle; and a filler carried by said cover, having an open-loop terminal, which may be inserted edgewise between the nibs of a pen, substantially as set forth.

7. The combination with an ink-receptacle, of a cover for said receptacle, and a filler carried by said cover comprising a coil of wire, substantially as set forth.

8. The combination with a stand arranged to support a bottle; of a lever; a cover for said bottle carried by said lever; a stem depending from said cover; a filler comprising a coil of wire carried by said stem; and, a handle on said lever extending out of alinement therewith, and arranged to be depressed to raise said cover, substantially as set forth.

9. In a fluid-dispensing stand, the combination with a base, of a seat in said base, arranged to receive a bottle; and a horizontal spring-plate attached at one end to said stand and arranged to hold said bottle in its seat; whereby said stand is adapted to detachably hold bottles of different heights, substantially as set forth.

In testimony whereof I have hereunto signed my name, at Philadelphia, in the State of Pennsylvania, this 12th day of September, 1905.

FERDINAND A. ALTENEDER.

Witnesses:

R. L. ENDEBROCK,

A. C. RODES.