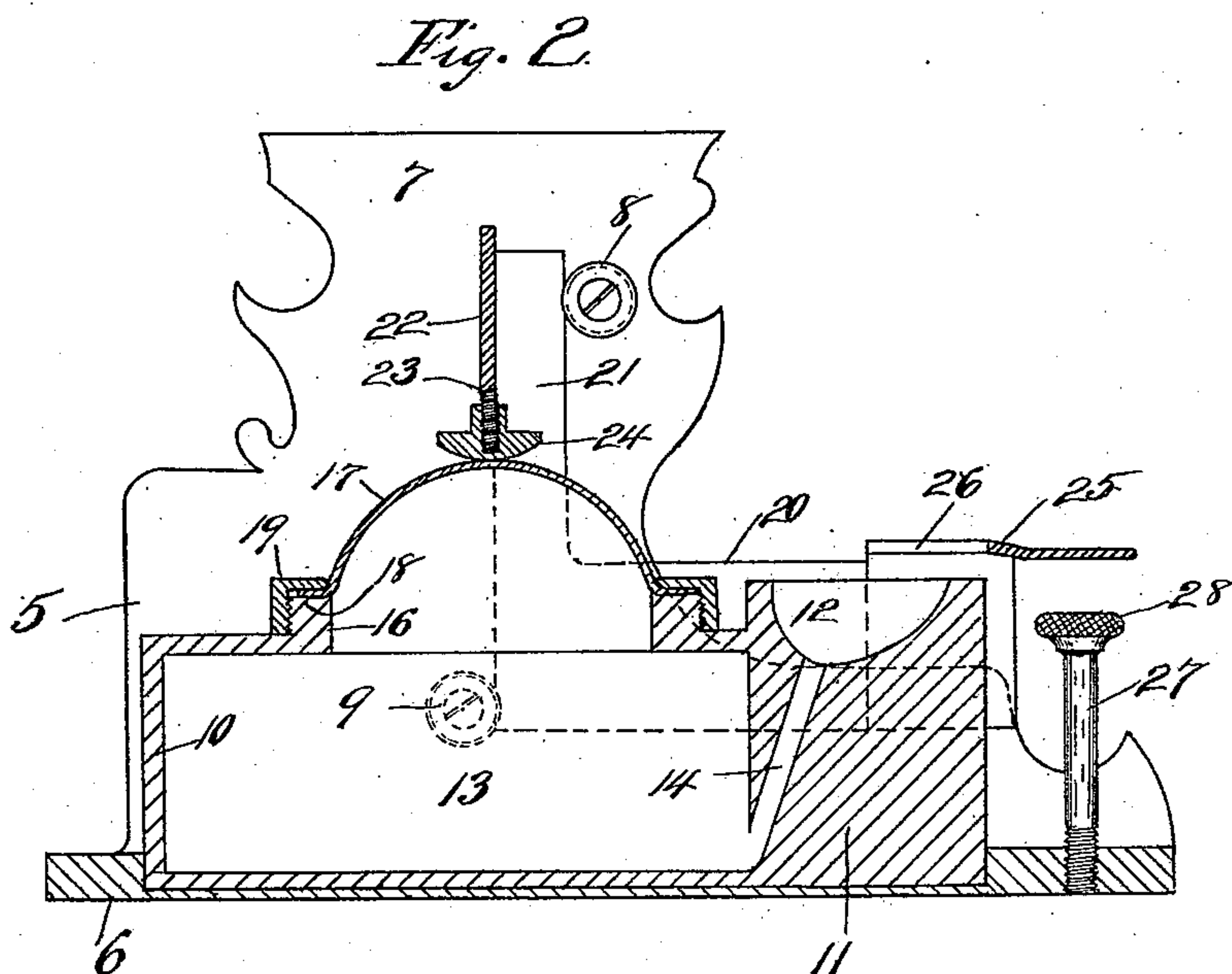
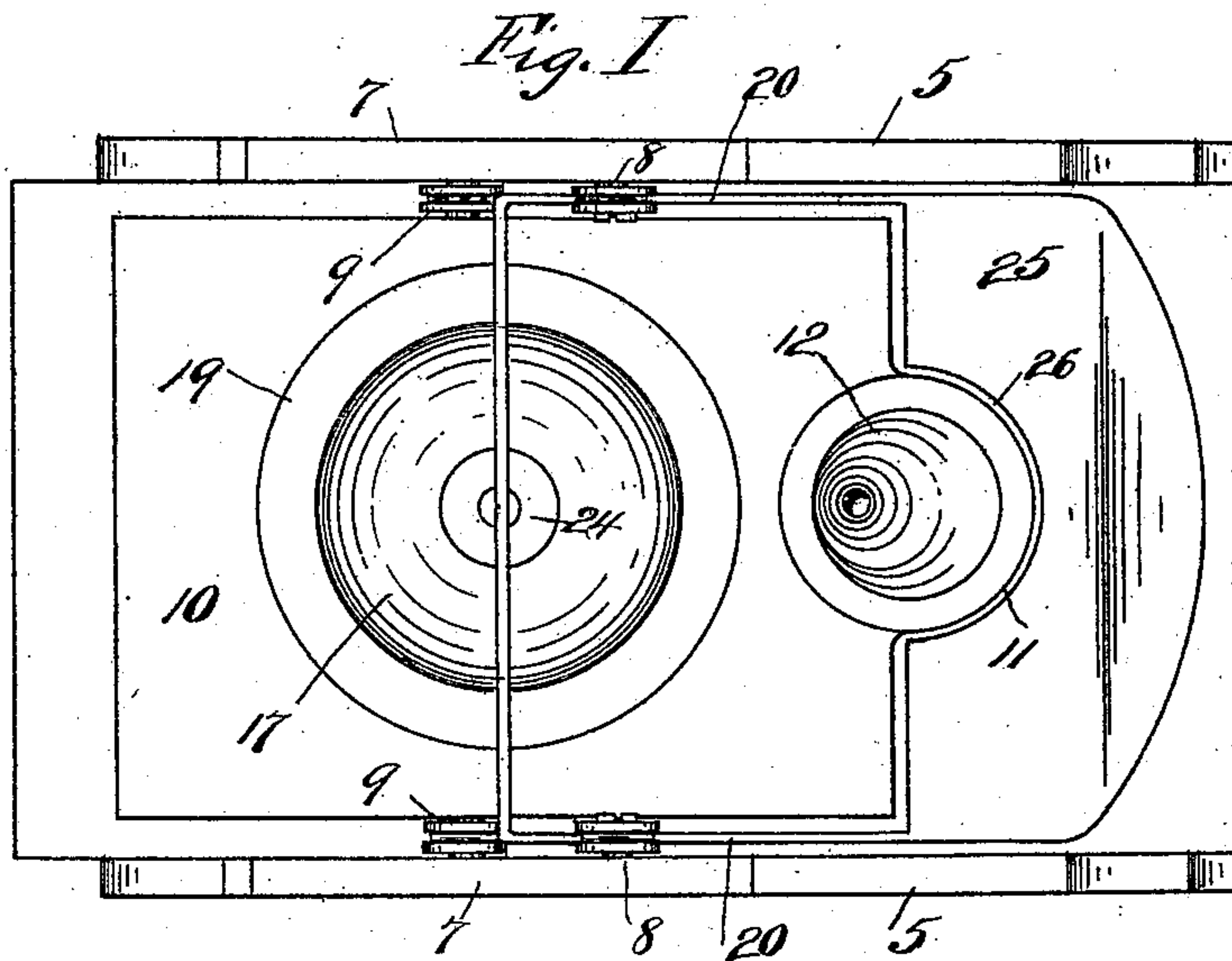


(No Model.)

G. C. MARLITT.
INKSTAND.

No. 580,981.

Patented Apr. 20, 1897.



WITNESSES

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UNITED STATES PATENT OFFICE.

GEORGE C. MARLITT, OF NEW YORK, N. Y.

INKSTAND.

SPECIFICATION forming part of Letters Patent No. 580,981, dated April 20, 1897.

Application filed August 13, 1896. Serial No. 602,595. (No model.)

To all whom it may concern:

Be it known that I, GEORGE C. MARLITT, a citizen of the United States, and a resident of New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Inkstands, of which the following is a specification, reference being had to the accompanying drawings, forming a part thereof, in which similar
10 numerals of reference indicate corresponding parts wherever found throughout both views.

This invention relates to inkstands; and the object thereof is to provide an improved device of this class in which the bottle or ink-stand proper is mounted in a frame in which is mounted a vertically-movable frame which is adapted to be depressed and to bear upon an elastic convex cover secured to the neck of the bottle, whereby the ink when required
15 for use is forced into a small receptacle at the front of the bottle, said receptacle being in communication with the ink reservoir or chamber within said bottle.

The invention is fully disclosed in the following specification, of which the accompanying drawings form a part, in which—

Figure 1 is a plan view of my improved inkstand, and Fig. 2 a central vertical section thereof.

30 In the practice of my invention I provide a main frame which consists of vertical sides 5 and a bottom 6, and the sides 5 are provided, near their rear ends, with upwardly-directed extensions 7, and each of the upwardly-directed extensions 7 is provided, near its
35 front edge, with a peripherally-grooved roller 8, and the sides 5 are also provided with similarly-grooved rollers 9, the rollers 9 being suitably mounted below the upwardly-directed extensions 7 of the sides and slightly to the rear of the rollers 8.

I also provide an ink-bottle 10, which, as shown in the drawings, is rectangular in form, but which may be of any desired shape, and
45 the said bottle is provided centrally of its forward side with an extension 11, in the top of which is formed a cup-shaped receptacle 12, which communicates with the bottom of the ink bottle or reservoir 13 formed therein
50 by means of a small passage 14.

The ink-bottle 10 is preferably countersunk in the bottom 6 of the main frame, as clearly

shown in Fig. 2, and said bottle is provided with a neck 16, and I also provide a semi-spherical cap or cover 17, which is composed
55 of soft rubber, rubber and canvas, or similar material and which is provided with an annular flange or rim 18, which rests upon the neck 16, and said cap or cover 17 is held in place by an angular band 19, which is con-
60 nected with the neck 16 by means of a screw-thread. I also provide a supplemental frame, which consists of side plates 20, which are placed within the main sides 5 and which are provided at their rear ends with upwardly-
65 directed arms 21, and the lower ends of the side plates 20 at their rear ends press against the rollers 9, and the front edge of the upwardly-directed arms 21 press against the rollers 8, and said upper ends of the arms 21
70 are connected by a cross-plate 22, which is provided centrally of the lower side thereof with a downwardly-directed screw-threaded extension 23, with which is connected a button or head 24.

The front ends of the side plates 20 of the supplemental frame are connected by a cross-plate 25, in the central rear side of which is formed a semicircular opening 26, and in the
80 normal position of the parts the button or head 24 rests on the cap or cover 17, and the cross-plate 25 is slightly above the extension 11 of the bottle in which the receptacle 12 is formed.

The bottom 6 of the main frame projects in
85 front of the extension 11 of the bottle, and mounted therein is an adjustable bolt 27, provided with a milled head 28, and the object of this adjustable bolt is to limit the downward movement of the supplemental
90 frame, said movement being limited by the cross-plate 25 striking upon the milled button or head 28 of said bolt.

The operation will be readily understood from the foregoing description when taken in
95 connection with the accompanying drawings and the following statement thereof.

In practice the cap or cover 17 is removed and the bottle filled with ink in the usual
manner, after which the cap or cover is se-
100 cured in place, and the bottle is placed in the main frame, and the supplemental frame is then placed in position, and whenever it is desired to ink a pen the supplemental frame

is depressed by pressing on the cross-plate 25 with the thumb or finger. The supplemental frame is retained in its highest position by the cap or cover 17, which is so constructed
 5 as to possess considerable resistance, and when pressure is applied to the cross-plate 25, as above described, the button or head 24 presses upon the cap or cover 17 and said cap or cover is depressed and the ink is forced
 10 into the receptacle 12, and as soon as the pressure upon the plate 25 is removed the cap or cover 17 forces the supplemental frame back into the position shown in Fig. 2 and the ink flows back from said receptacle 12
 15 into the bottle or reservoir 13 therein, and this operation of depressing the supplemental frame must be repeated whenever it is required to ink the pen.

The advantages of this construction will be
 20 apparent to all those familiar with this class of devices. The ink is clean at all times and the evaporation thereof is reduced to a minimum, as the only portion exposed to the air is that in the passage 14, which is very small
 25 in cross-section.

I may also provide a cap or cover for the receptacle 12, if desired, and it is evident that changes in and modifications of the construction herein described may be made without
 30 departing from the spirit of my invention or sacrificing its advantages.

Having fully described my invention, I claim as new and desire to secure by Letters Patent—

35 1. In an inkstand, the combination with a main frame, of an ink-bottle mounted therein, and provided with a forwardly-directed extension in the top of which is formed a receptacle, which is in communication with the
 40 bottom of the reservoir within the bottle, said bottle being also provided with a neck, which is closed by an elastic depressible cap or cover, and a vertically-movable supplemental frame supported by said cap or cover, and
 45 adapted to be depressed so as to force the ink

into said receptacle, said vertically-movable frame, consisting of side plates mounted within the side plates of the main frame, and provided with a cross-plate by which the front ends thereof, are connected, the rear ends of
 50 said plates being provided with upwardly-directed arms, which are connected at their upper ends by a cross-plate which is provided centrally with a button or head which is adapted to bear on the cap or cover of the
 55 bottle, substantially as shown and described.

2. In an inkstand, the combination with a main frame, of an ink-bottle mounted therein, and provided with a forwardly-directed extension in the top of which is formed a re-
 60 ceptacle, which is in communication with the bottom of the reservoir within the bottle, said bottle being also provided with a neck, which is closed by an elastic depressible cap or cover, and a vertically-movable supplemental
 65 frame supported by said cap or cover, and adapted to be depressed so as to force the ink into said receptacle, said vertically-movable frame, consisting of side plates mounted within the side plates of the main frame, and
 70 provided with a cross-plate by which the front ends thereof are connected, the rear ends of said plates being provided with upwardly-directed arms, which are connected at their upper ends by a cross-plate which is provided
 75 centrally with a button or head which is adapted to bear on the cap or cover of the bottle, and said upwardly-directed arms of the supplemental frame being placed between suitably-mounted rollers at each side of the
 80 main frame, substantially as shown and described.

In testimony that I claim the foregoing as my invention I have signed my name, in presence of the subscribing witnesses, this 10th
 85 day of August, 1896.

GEORGE C. MARLITT.

Witnesses:

W. W. HILL,

CHARLES S. ROGERS.