

(No Model.)

S. E. WHARTON.
FOUNTAIN FOR INK OR OTHER FLUIDS.

No. 576,014.

Patented Jan. 26, 1897.

Fig. 1.

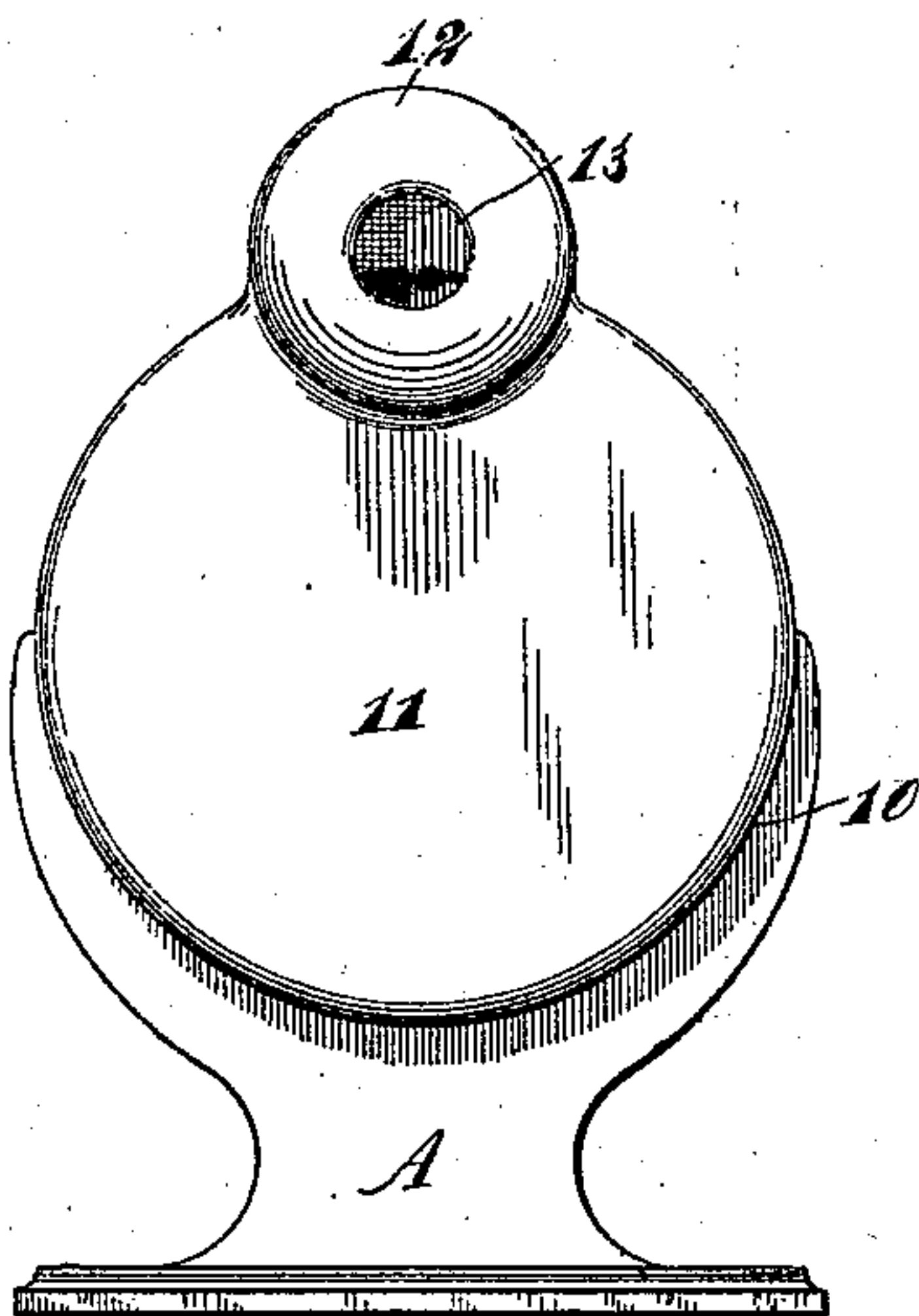


Fig. 2.

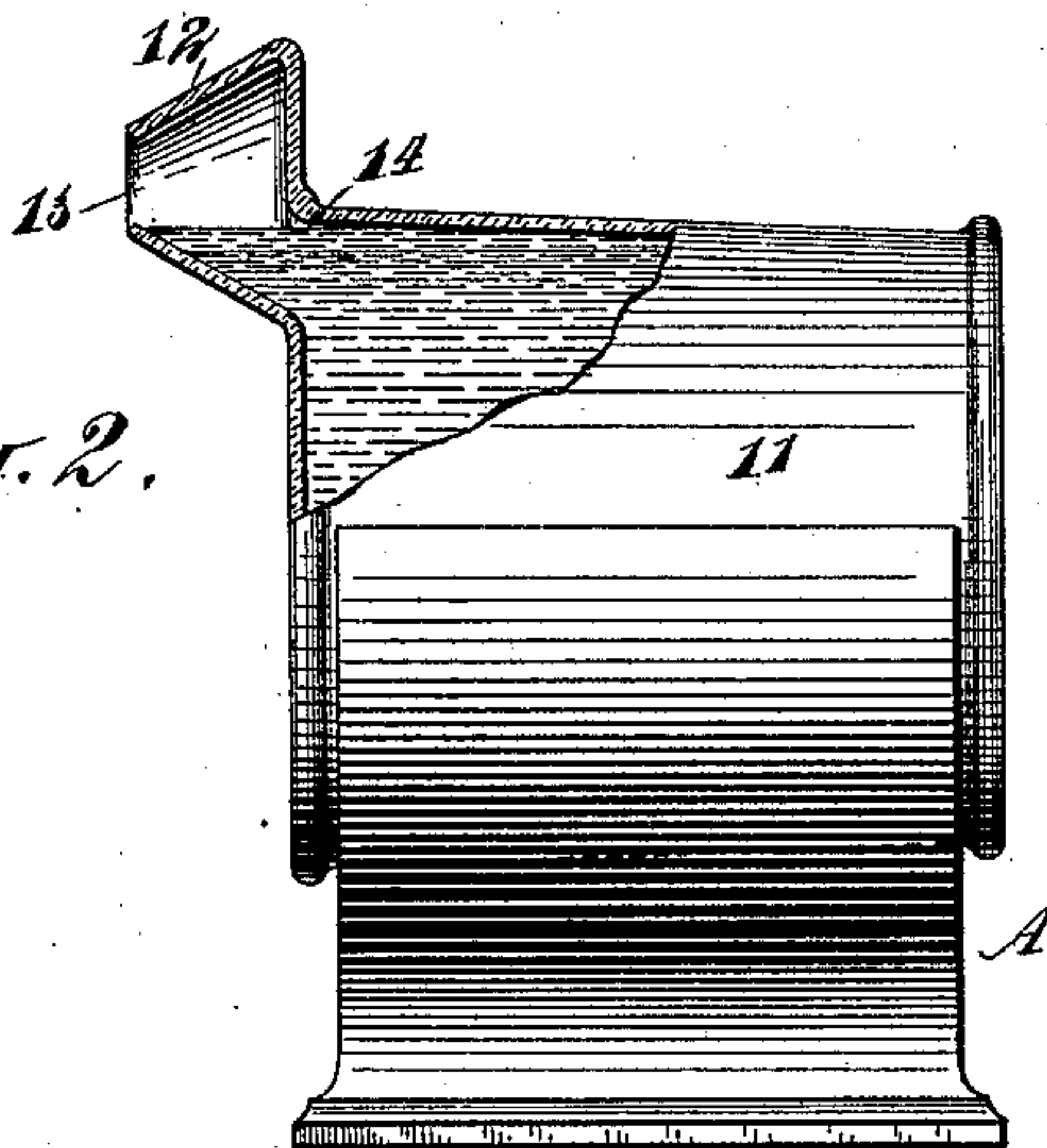
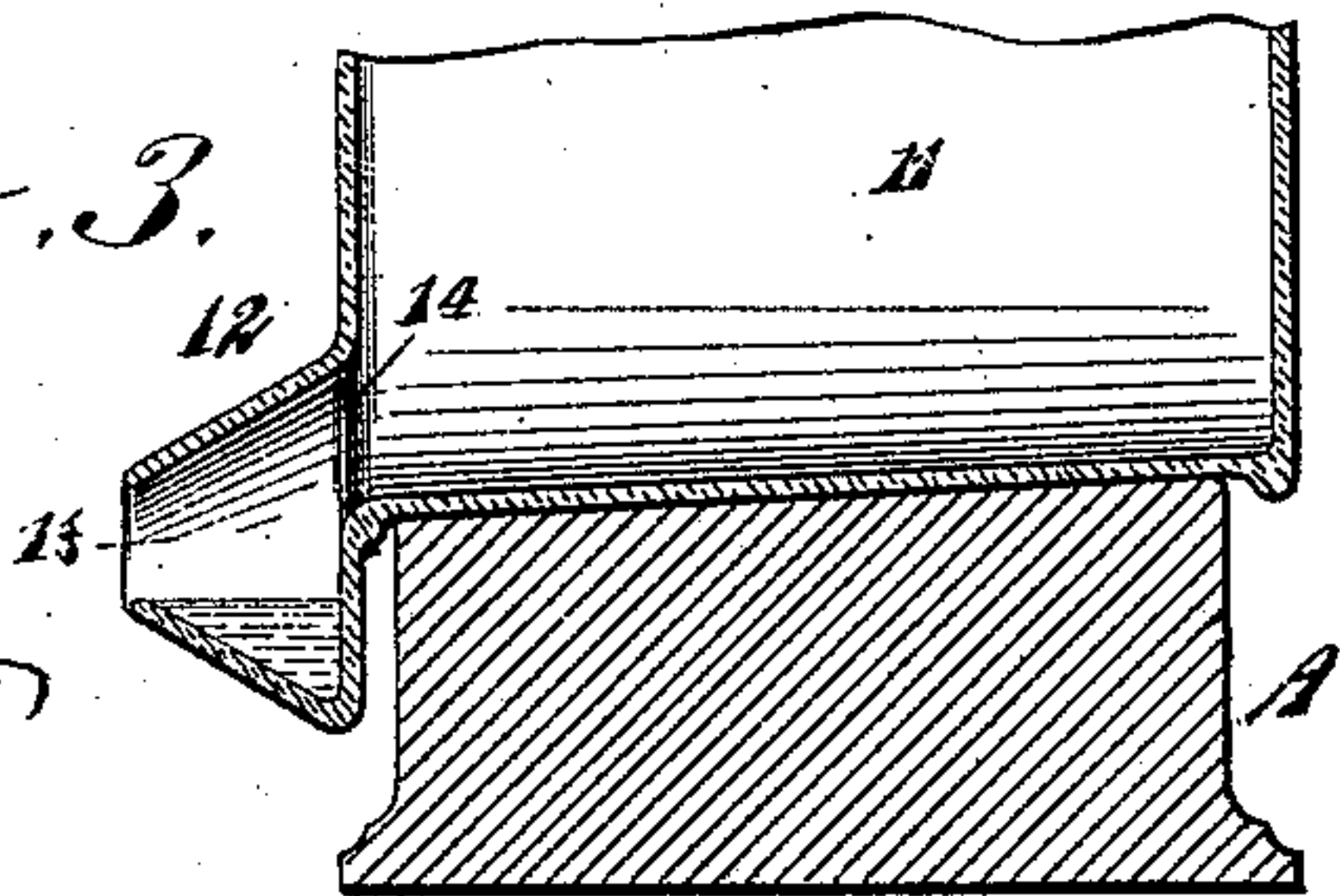


Fig. 3.



WITNESSES:

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UNITED STATES PATENT OFFICE.

SAMUEL E. WHARTON, OF WEST SUPERIOR, WISCONSIN.

FOUNTAIN FOR INK OR OTHER FLUIDS.

SPECIFICATION forming part of Letters Patent No. 576,014, dated January 26, 1897.

Application filed April 15, 1896. Serial No. 587,627. (No model.)

To all whom it may concern:

Be it known that I, SAMUEL E. WHARTON, of West Superior, in the county of Douglas and State of Wisconsin, have invented a new and useful Improvement in Fountains for Ink or other Fluids, of which the following is a full, clear, and exact description.

The object of the invention is particularly to provide an ink-fountain or a fountain for any fluid that is to be held in bulk and to be dispensed in small quantities through the medium of a brush, pen, or like implement, and to so construct the said fountain that it will be revoluble, and to provide the fountain with a funnel-mouth so placed that when the fountain is filled and the funnel is at its highest point, or at the top of the fountain, the liquid will be so contained in the funnel that it may be readily taken up by a pen or a brush or similar device introduced into the funnel-mouth, and whereby, further, the liquid will preserve its level in the said funnel-mouth and the liquid will be always accessible, no matter to what extent it may be used, by simply turning the fountain to the right or to the left, bringing the funnel-mouth in such position that the liquid may gravitate therein upon finding its proper level.

A further object of this invention is to provide a means whereby the funnel-mouth will extend for a major portion of its width beyond the exterior of the fountain, so that the aforesaid funnel will always contain an ample supply of ink or other fluid.

A further object of the invention is to so construct the fountain that it will have a natural inclination from the rear in direction of the front, at which portion the aforesaid funnel-mouth is located.

The invention consists in the novel construction and combination of the several parts, as will be hereinafter fully set forth, and pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a front elevation of the improved device. Fig. 2 is a side elevation, a part of the receptacle being broken away and the funnel-mouth of the receptacle being shown as in its upper position; and Fig. 3 is a ver-

tical section through the receptacle and the base, the funnel-mouth being in its lowest position, the position it occupies when receiving the last contents of the receptacle with which it is connected.

In carrying out the invention a base A is employed, which may be of any desired shape or may be made of any approved material. Preferably, however, the upper face 10 of the base is concaved in order that it may receive and support a cylindrical vessel or receptacle 11, adapted to contain a liquid, ink, for example, and ordinarily this receptacle is of less diameter at the back than at the front, so that the liquid shall naturally gravitate toward the front portion of the receptacle. It will be understood that the receptacle may be made of any material that may be found desirable, and preferably the outlet 14 for the receptacle is located adjacent to its edge at the front, and the outlet is in direct communication with a funnel-shaped mouth 12, the aforesaid funnel-mouth occupying a horizontal position and the contracted end being its forward end.

I desire it to be understood, furthermore, that in using the term "funnel-mouth" it applies to a flaring mouth representing the bowl of a funnel minus the shank, and therefore the outlet 13 of the said funnel-mouth is more or less contracted. Preferably in attaching the funnel-mouth 12 to the aforesaid receptacle 11 the said funnel-mouth is made to extend about half of its depth beyond the periphery of the receptacle, so that when the funnel-mouth is carried from an upper vertical position to any position between the side and the lower perpendicular a sufficient space will be provided to form a well for the fluid, which will practically seek its level in the aforesaid funnel-mouth. Furthermore, when the funnel-mouth is carried beyond the exterior side portion of the receptacle 11, and the funnel-mouth is in its lower perpendicular position, as shown in Fig. 3, it will receive and contain the last drop of liquid which may have been in the receptacle, especially so since the receptacle itself is given a downward inclination in direction of the funnel-mouth.

It will be understood that while it is desirable that the funnel-mouth should be placed as shown in the drawings, that is, extending

beyond the body of the vessel, the said mouth may be placed even with the edge of the receptacle and still operate successfully. The funnel-mouth or cup may also be applied to
5 a receptacle of any cross-sectional shape, it being understood that when the receptacle is rectangular or square the mouth would be placed at one of its angular portions or corners.

10 In the operation of the device, when the receptacle is filled, as shown in Figs. 1 and 2, the funnel-mouth will be at the top, its major portion extending beyond the top of the receptacle, and the ink or the fluid contents will be
15 readily exposed. As the fluid contents of the receptacle are used the receptacle is revolved or turned upon its base, either to the right or to the left, as may be desired, and by so turning the receptacle the funnel-mouth will be
20 placed in position to receive the fluid contents to practically the same measure as when the receptacle was entirely filled and the mouth in its upright position. When the funnel-mouth is carried to the lowest position shown
25 in Fig. 3, it will receive the last drop of liquid contained in the receptacle.

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

30 1. A fountain for liquids, consisting of a receptacle having an outlet near its edge, and a funnel-mouth surrounding with its larger

end the receptacle-mouth, and the contracted portion of said mouth extending outward, as and for the purpose specified. 35

2. A fountain for liquids, consisting of a receptacle provided with an outlet near its edge, and a funnel-mouth contracted at its outlet surrounding the receptacle-outlet, the said funnel-mouth extending beyond the periph- 40
ery of the said receptacle at an angle to the said peripheral surface, as and for the purpose specified.

3. The combination, with a base, of a receptacle mounted to turn in the said base, provided with an outlet at one end near its edge, and a funnel-mouth surrounding the said opening, the contracted portion of the said mouth being the outlet of the same, substan- 45
tially as and for the purpose set forth. 50

4. The combination, with a base, of a receptacle mounted to turn in the said base, provided with an outlet at one end near its edge, and a funnel-mouth surrounding the said out- 55
let, the contracted portion of the said mouth being the outlet of the same, the said receptacle being of the greatest diameter at that end at which the aforesaid funnel-mouth is located, as and for the purpose specified.

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Witnesses:

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