

W. H. SCOTT.

MARKING POT.

APPLICATION FILED APR. 20, 1910.

976,504.

Patented Nov. 22, 1910.

2 SHEETS—SHEET 1.

Fig. 1.

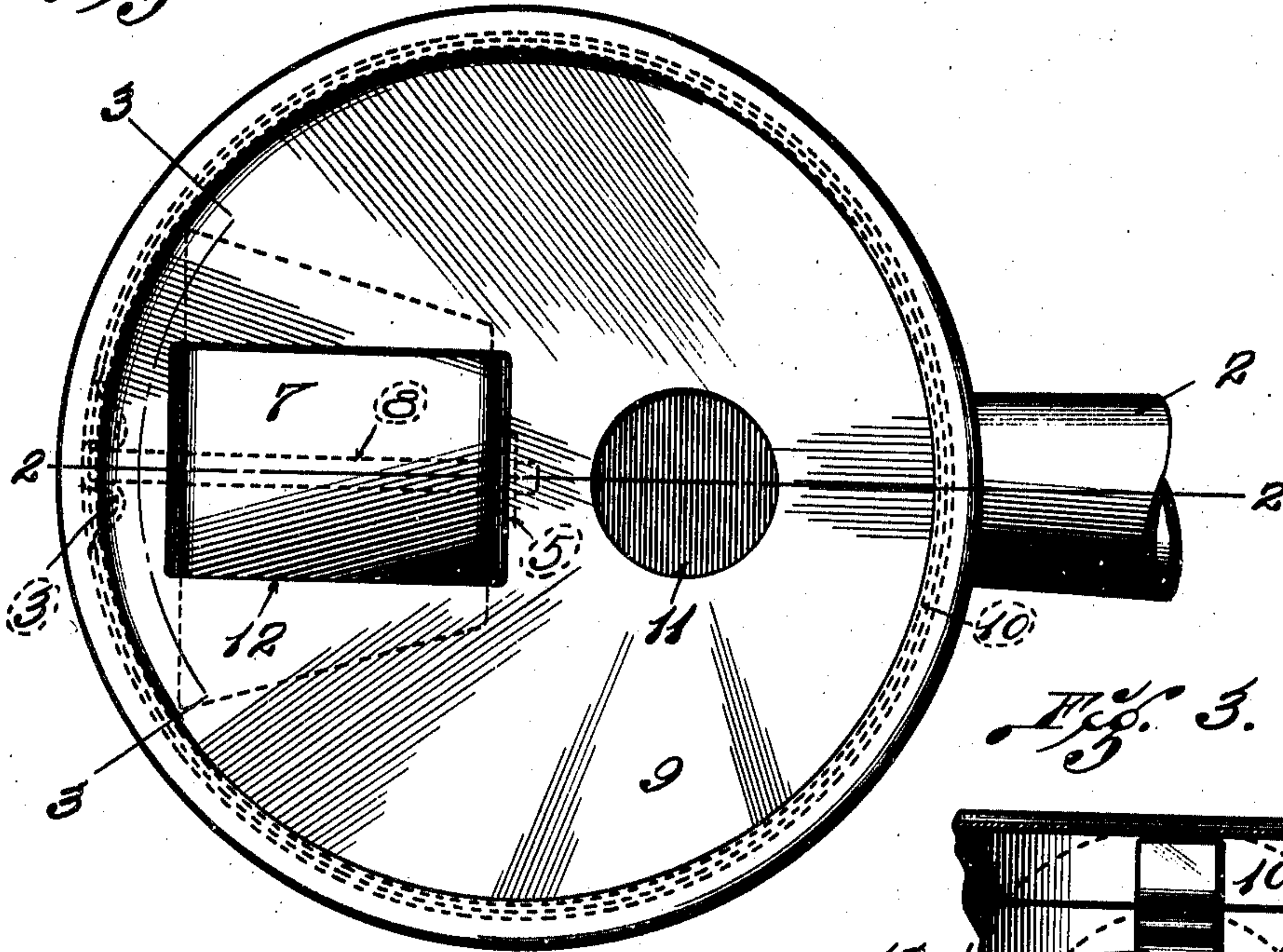


Fig. 3.

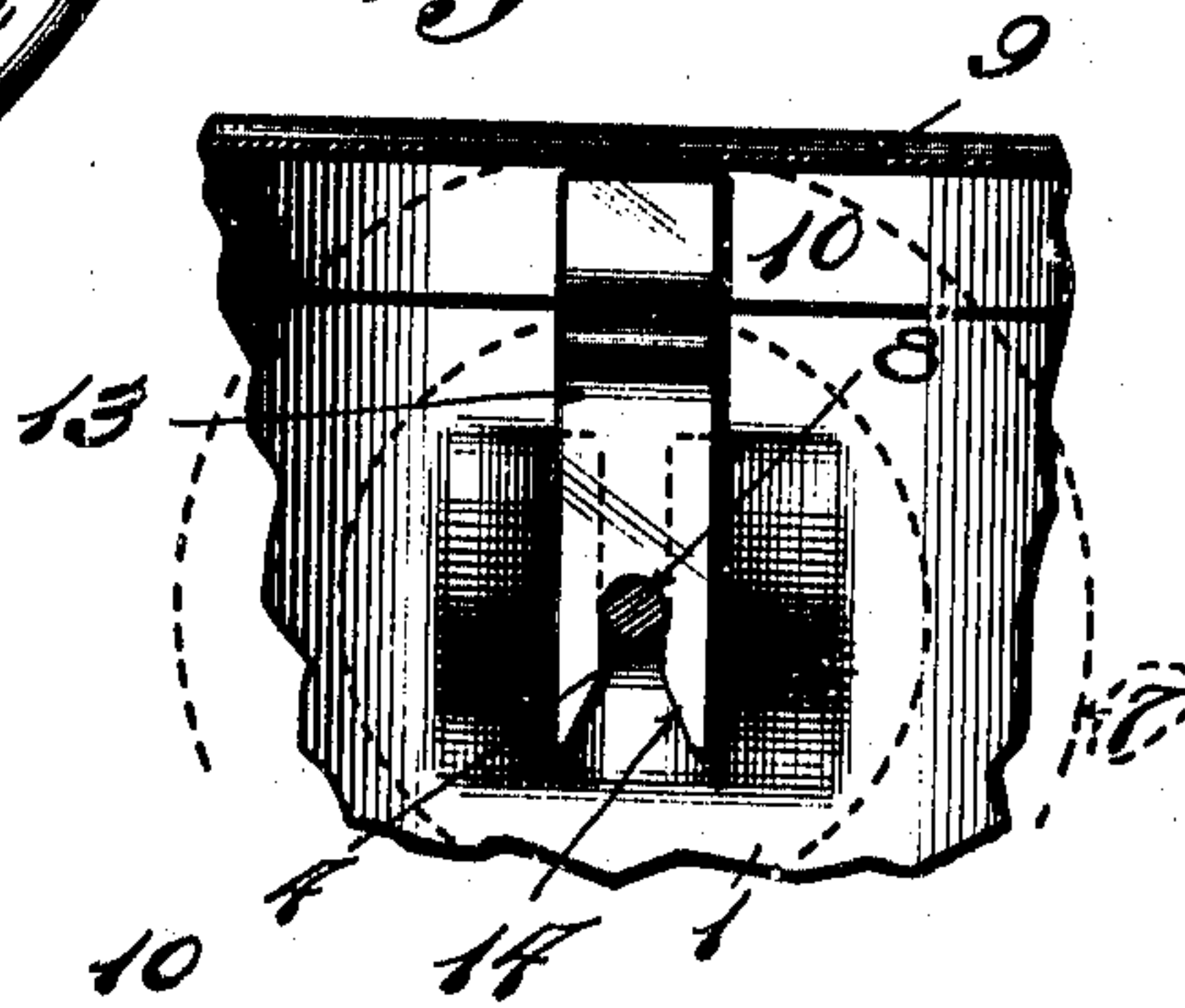
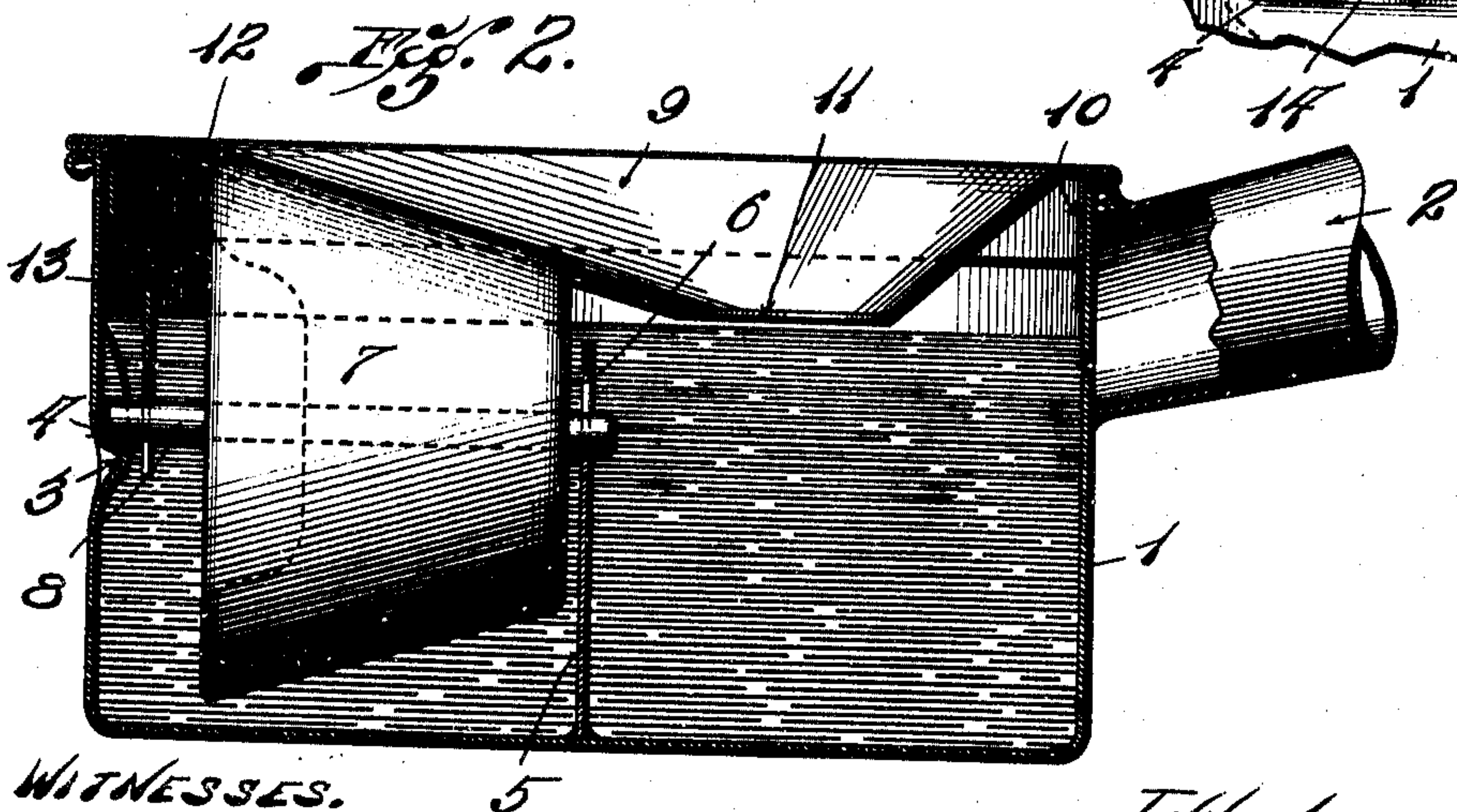


Fig. 2.



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2 SHEETS—SHEET 2.

Fig. 4.

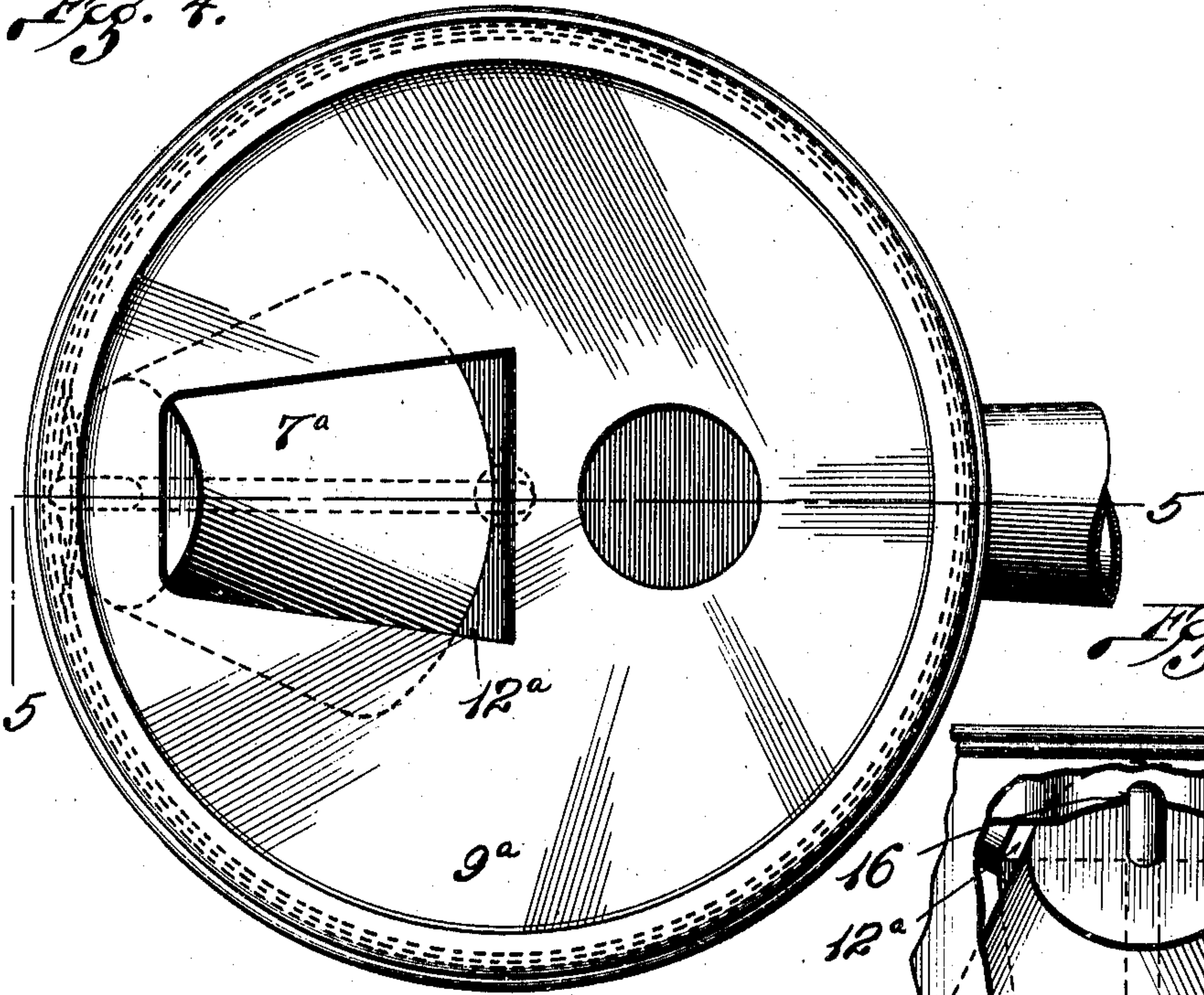


Fig. 6.

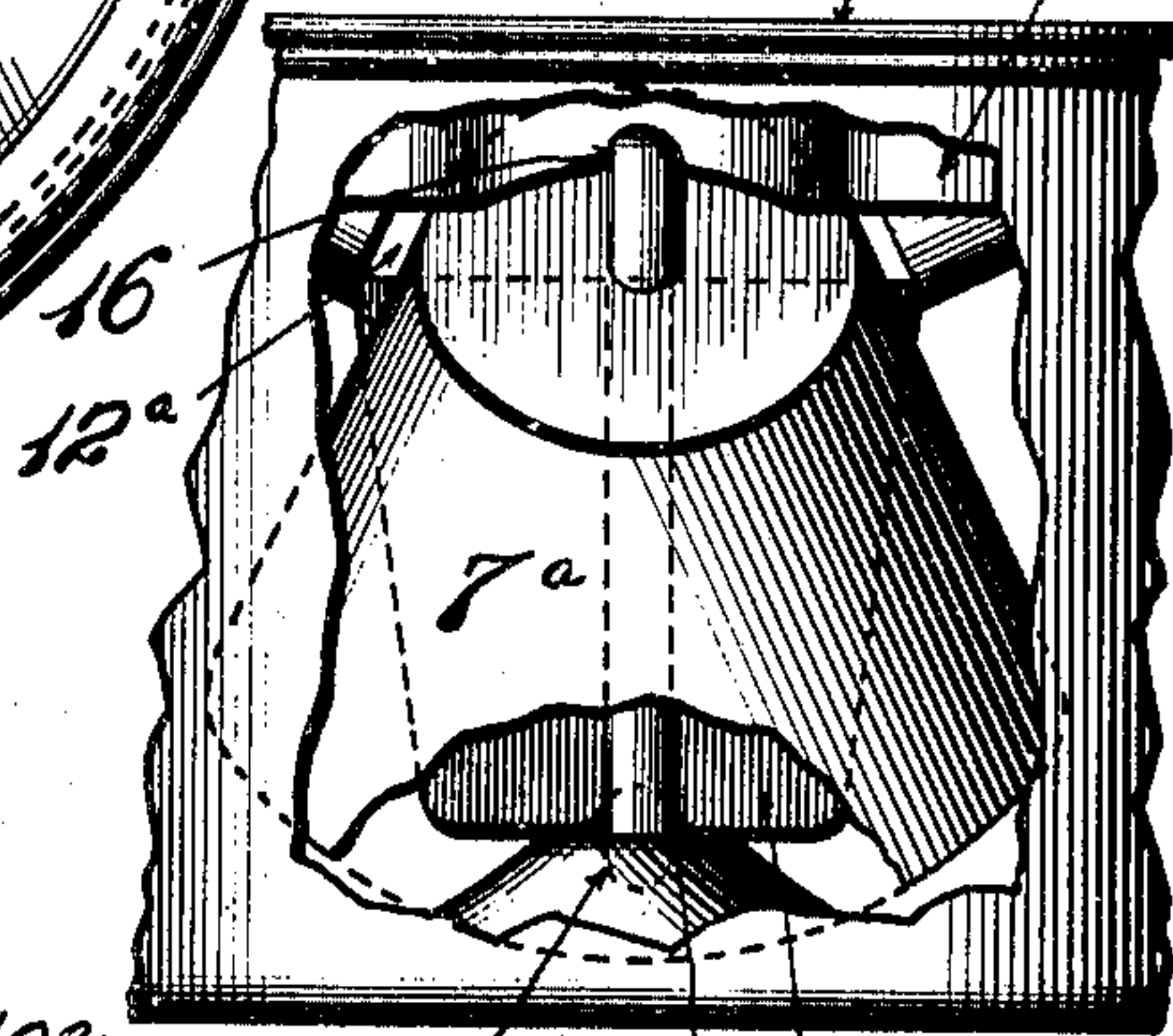
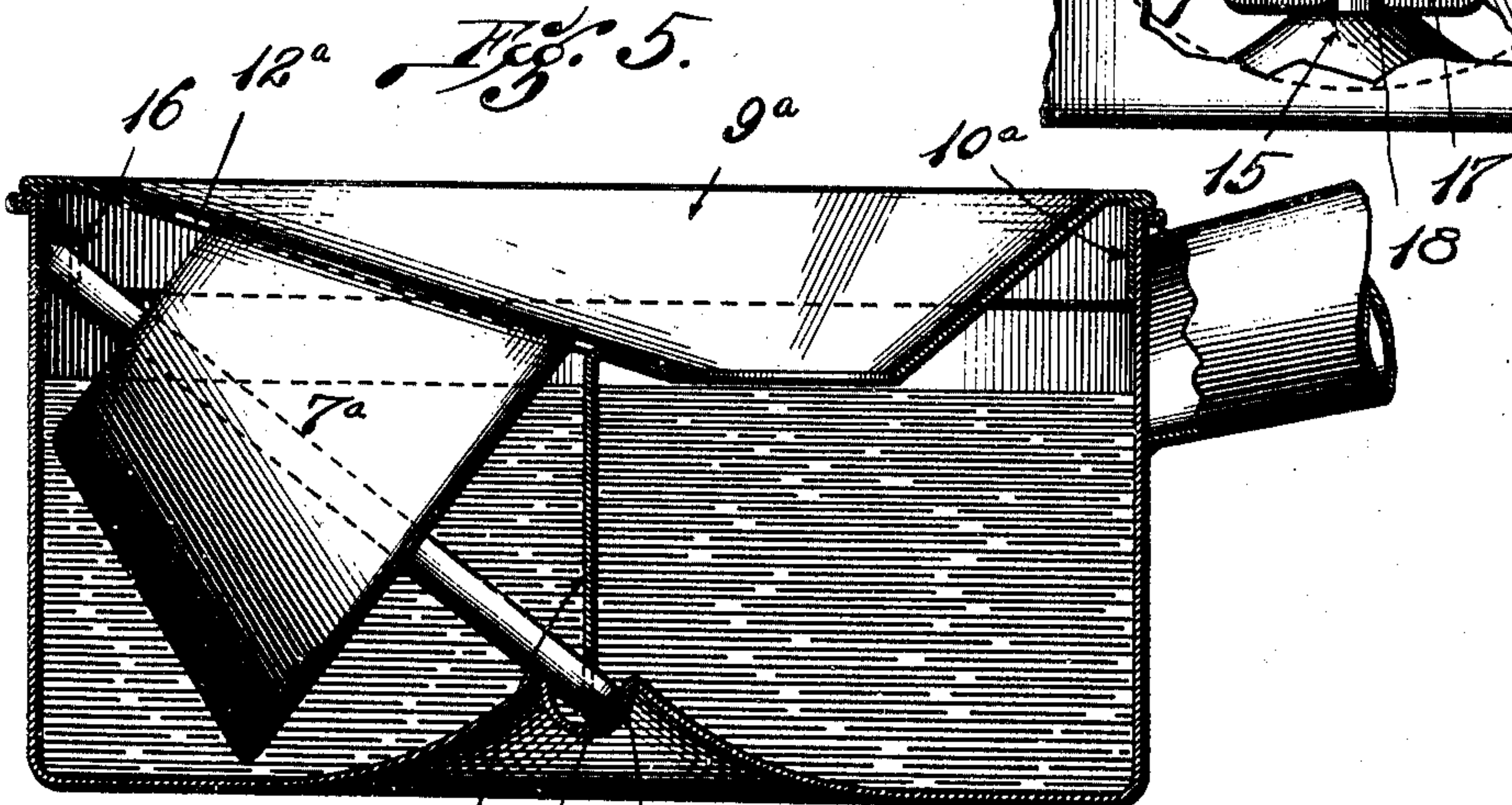


Fig. 5.



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UNITED STATES PATENT OFFICE.

WILLIAM H. SCOTT, OF MAPLEWOOD, MISSOURI, ASSIGNOR TO A. C. L. HAASE, LOUIS H. HAASE, EDWARD T. HAASE, WILLIAM H. HAASE, ANNIE RIESMEYER, ALL OF ST. LOUIS, MISSOURI, AND AMELIA MARX, OF CHICAGO, ILLINOIS, A COPARTNER-SHIP.

MARKING-POT.

976,504.

Specification of Letters Patent.

Patented Nov. 22, 1910.

Application filed April 20, 1910. Serial No. 556,627.

To all whom it may concern:

Be it known that I, WILLIAM H. SCOTT, a citizen of the United States, residing at Maplewood, St. Louis county, Missouri, have invented a certain new and useful Improvement in Marking-Pots, of which the following is a full, clear, and exact description, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a plan view of a stencil marking pot of my improved construction. Fig. 2 is a vertical section taken on the line 2—2 of Fig. 1. Fig. 3 is a vertical section taken approximately on the line 3—3 of Fig. 1. Fig. 4 is a plan view of a modified form of my improved stencil marking pot. Fig. 5 is a vertical section taken on the line 5—5 of Fig. 4. Fig. 6 is an elevation of a portion of the marking pot seen in Figs. 4 and 5 with parts thereof broken away.

My invention relates to an ink containing pot particularly adapted for use in connection with the operation of marking stencils, the object of my invention being to arrange within the pot a roller which projects through an opening formed in the top or cover of the pot and which roller is engaged and rotated by reason of frictional contact with the marking brush as the same is moved with a circular wiping motion over the top surface of the cover of the pot, and as said roller is rotated its periphery travels through the ink in the pot, and a certain amount of said ink is carried around on the surface of the roller to be taken up by the brush as it contacts with said roller.

A further object of my invention is to mount the trunnions of the roller in bearings within the pot entirely free and independent of the lid or cover of the marking pot.

To the above purposes my invention consists in certain novel features of construction and arrangement of parts hereinafter more fully described and claimed.

Referring particularly to the construction of the pot as illustrated in Figs. 1, 2 and 3, 1 designates the body of the pot, which is in the form of a container, preferably constructed of sheet metal, and said container being provided with the usual handle 2.

A U-shaped rib 3 is pressed inwardly from the wall of the container on the front side thereof to form a bearing 4, and fixed to the bottom of the container and extending upward therefrom at a point adjacent the center is a post or standard 5 in the upper portion of which is formed a vertically disposed slot 6 which is in horizontal alinement with the bearing 4.

7 designates a roller in the form of a truncated cone, which roller is preferably formed of wood, and passing through the axial center thereof is a pin 8, the ends of which project beyond the ends of the roller to form trunnions, which occupy the bearing 4, and the bearing formed by the slot 6.

9 designates the removable top or cover of the marking pot, the same being preferably constructed of sheet metal, and provided with a marginal flange 10, which fits snugly within the upper end of the container 1. This top or cover is made concave or of such shape so that the entire top surface declines from the edge to an opening 11, which is eccentrically arranged in said top or cover. This opening receives the lower portion of the marking brush when the same is not in use, and also serves the purpose of a drain opening to permit the ink to pass from the surface of the top or cover back into the container 1.

Formed in the top or cover to one side of the opening 11 is an opening 12 through which a portion of the roller 7 projects. By this arrangement it will be readily seen that a portion of the periphery of the roller 7 is in approximate alinement with the inclined surface of the top or cover 9, and that when the marking brush is given a circular wiping motion over the surface of the top or cover 9 said brush will contact with the periphery of the roller and impart rotary motion thereto.

Fixed to the flange 10 adjacent the outer end of the opening 12 is a depending tongue 13, the lower end of which is bifurcated as designated by 14, and said bifurcated end engages over the trunnion occupying the bearing 4, and thus holds the bearing of the roller 7 in proper position as long as the cover is positioned on the receptacle 1.

Referring to the construction shown in Figs. 4, 5 and 6, 15 designates a bearing

formed in the central portion of the bottom of the receptacle 1, and which bearing receives the lower trunnion of a conical roller 7^a. The opposite trunnion of this roller rests against the inner face of the wall of the receptacle, and is held in position by the depending marginal flange 10^a of the concave top or cover 9^a, there being a notch 16 formed in said marginal flange to accommodate the end of the upper trunnion. The lower trunnion is held in operative position within the bearing 15 by means of a depending tongue 17 which is formed from the material cut out of the top 9^a to form the opening 12^a through which the roller 7^a projects, and there being a notch 18 formed in the lower end of said tongue 17, which notch receives the lower end of the lowermost trunnion when the cover 9^a is properly positioned on the receptacle.

As hereinbefore stated the aperture 11 serves as a support or resting place for the brush while the same is not in use, and when it is desired to use the marking pot and brush the latter is withdrawn from the aperture and the end of said brush is given a circular wiping movement over the convex surface of the cover 9. In so doing, the periphery of the roller is frictionally engaged by the brush with the result that the roller is rotated through the ink, thereby coating the entire surface of said roller and the brush contacting with said coated surface will naturally absorb or take up a certain amount of said ink. Excess ink which is squeezed out of the brush in its wiping motion over the concave surface of the cover 9 will gravitate to the lowermost point on said cover, and pass through the aperture 11 to the interior of the receptacle.

It will be noted that the roller of my improved marking pot is arranged to one side of the center of the cover and the periphery of said roller is, therefore, in the direct path of travel of the brush when the same is given a circular, wiping motion over the top of the cover of the pot, and for this reason the roller will be freely rotated through frictional contact with the brush, and the latter will readily take up ink from the periphery of said roller.

A marking pot of my improved construction is comparatively simple, comprises a minimum number of parts, and said parts

can be readily detached and separated for the purpose of being cleaned.

I am aware that minor changes may be made in the construction, arrangement and combination of the various parts of my improved marking pot without departing from the nature and principle of my invention.

I claim:

1. A marking pot comprising a container, bearings formed therein, a roller of truncated conical form having trunnions journaled in said bearings and which roller is journaled to one side of the center of the container, a removable concave cover for the container there being an opening formed in said cover for exposing a portion of the periphery of said roller, and there being an opening formed in the cover at the lowermost point thereof.

2. A marking pot comprising a receptacle, a removable concave cover therefor, a roller journaled in bearings formed in the receptacle, means carried by the cover for maintaining the roller in its bearings, there being an opening formed in the cover through which a portion of the roller projects, and there being a drain opening formed through the cover at the lowermost point thereof.

3. A marking pot comprising a container, bearings formed therein, a roller having trunnions journaled in said bearings, a removable concave cover in the container, there being an opening formed in said cover for exposing a portion of the periphery of said roller, and means on the removable cover for engaging the trunnions of the roller to hold the same in place while the cover is on the container.

4. A marking pot comprising a receptacle, bearings formed therein, a roller journaled in the receptacle, a cover for the receptacle, means on said cover for maintaining the roller in its bearings, and there being an opening formed in said cover of such size as to expose a portion of the periphery of the roller.

In testimony whereof I hereunto affix my signature in the presence of two witnesses, this 14th day of April, 1910.

WILLIAM H. SCOTT.

Witnesses:

M. P. SMITH,
B. S. REID.