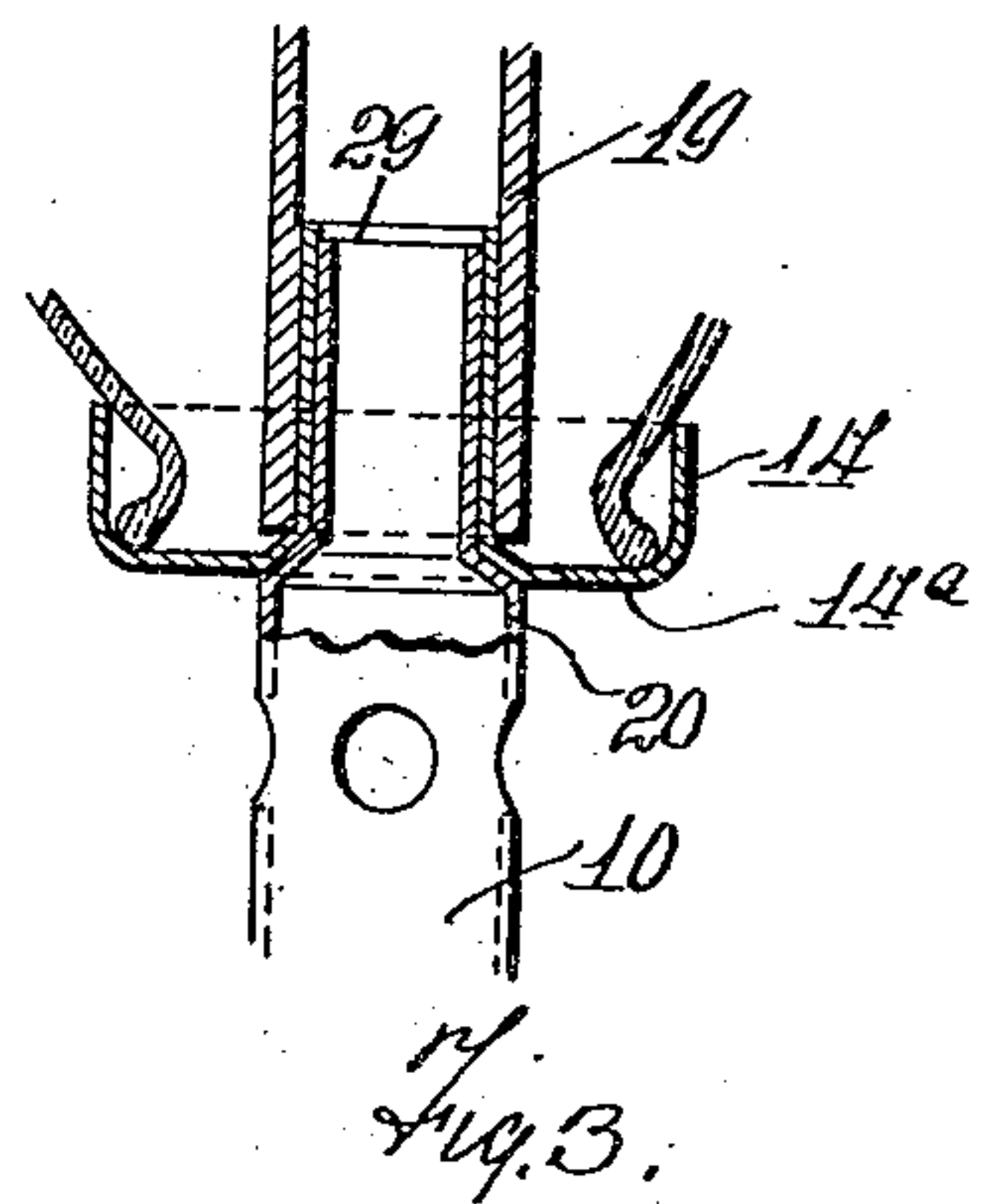
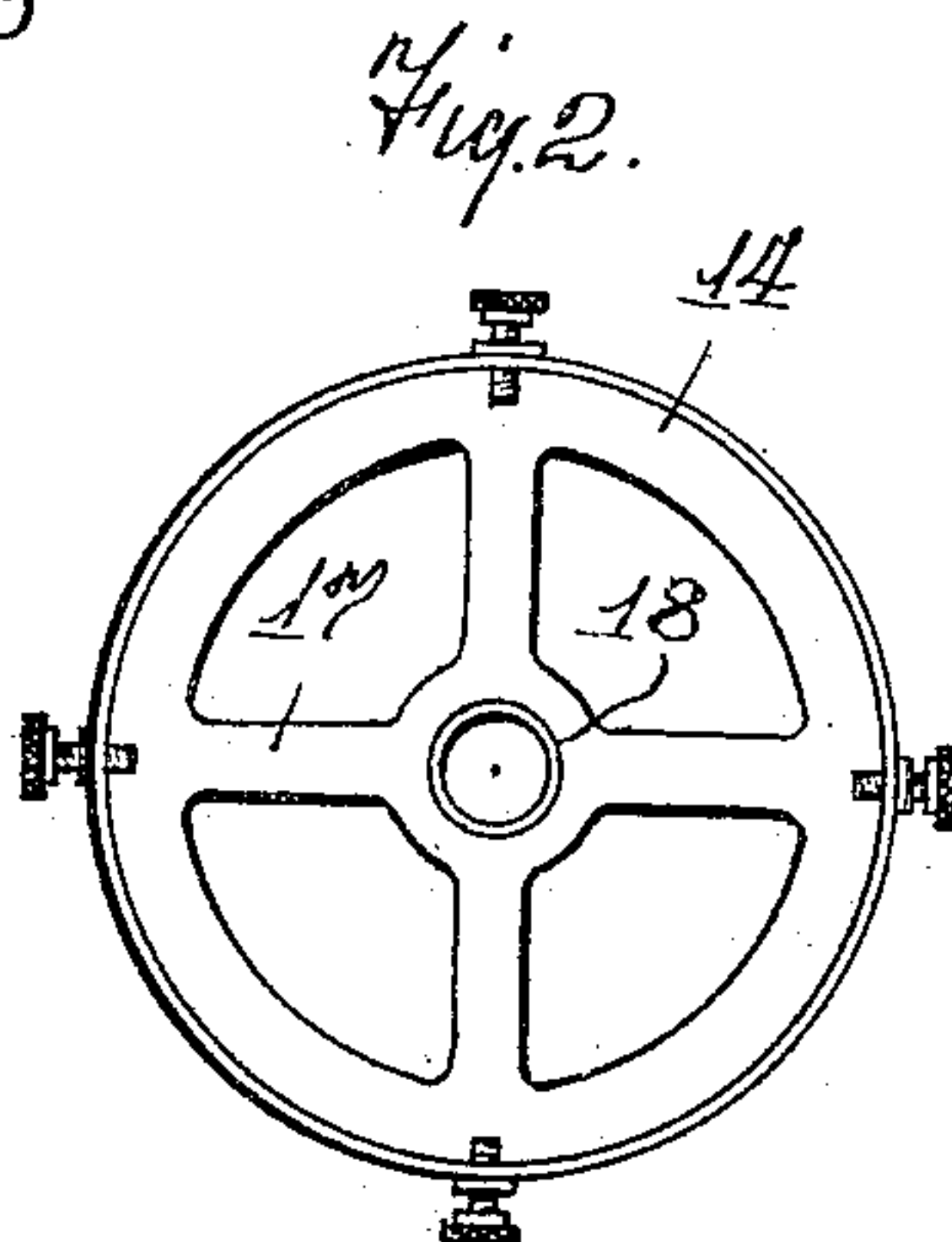
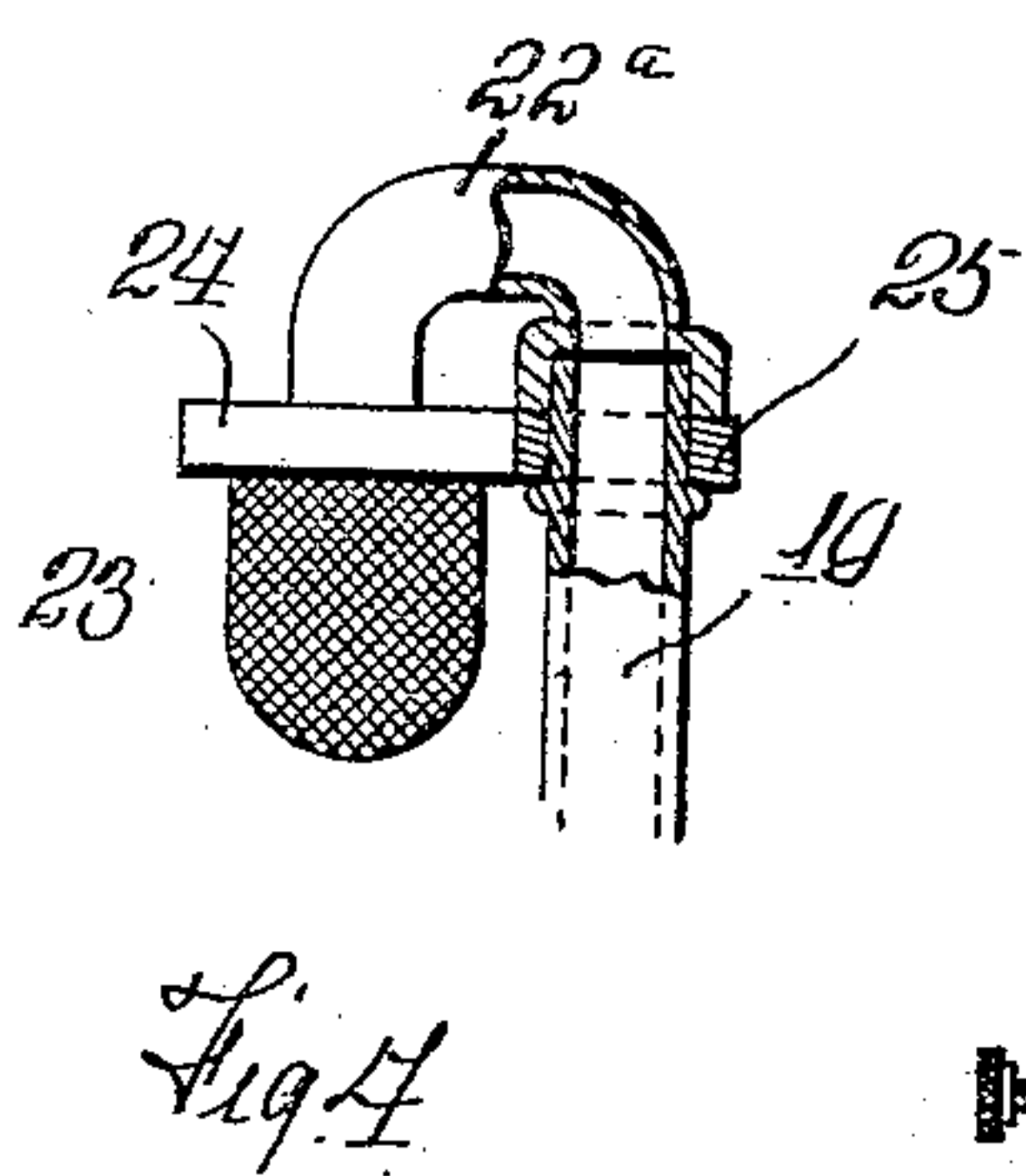
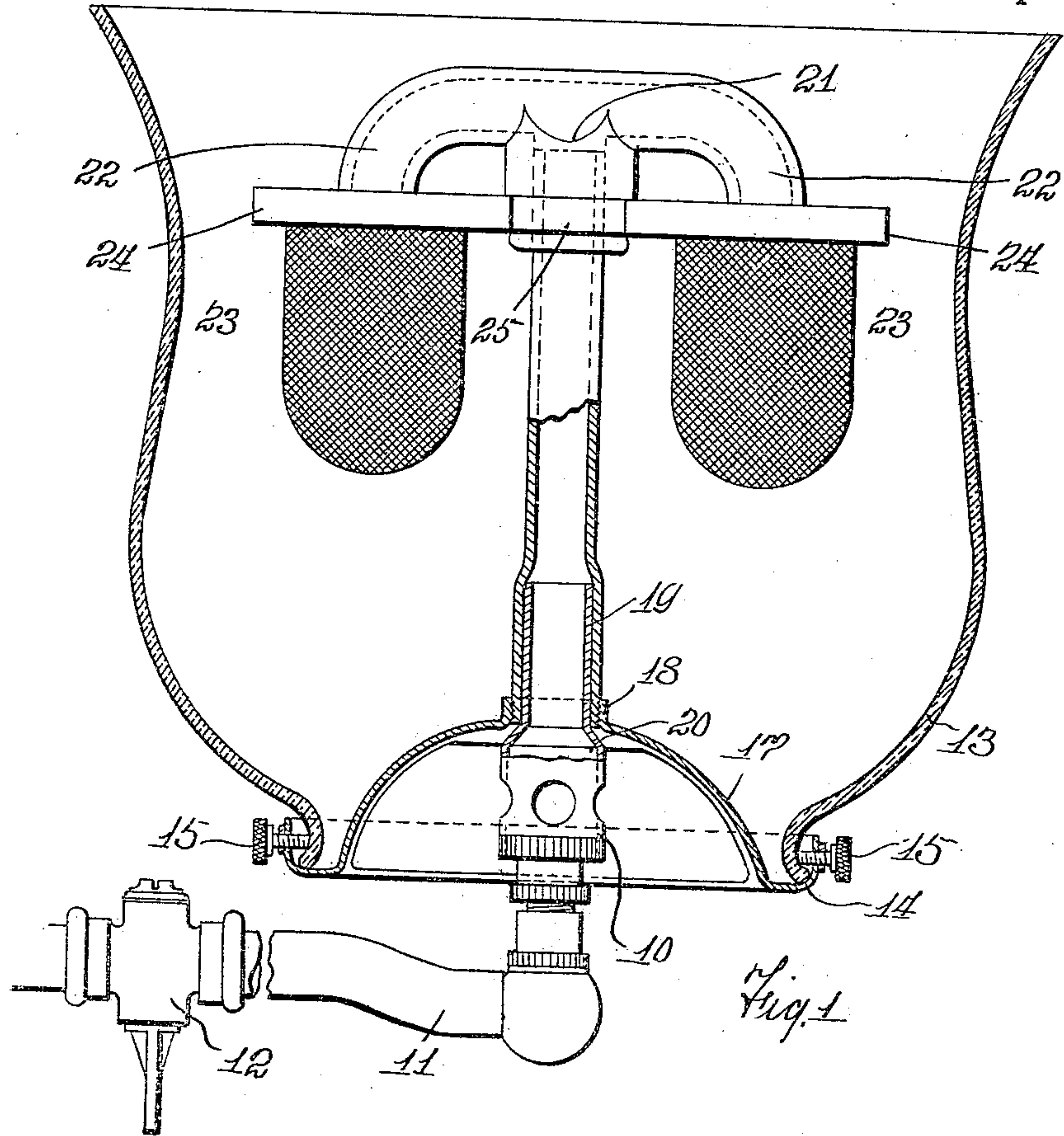


A. RECTOR.  
GAS LAMP.  
APPLICATION FILED MAR. 30, 1907.

955,549.

Patented Apr. 19, 1910.



Witnesses:  
Frank L. Smith.  
Arthur S. Dammell.

Alcorn Rector. Inventor.  
By his Attorney,  
W. B. Hutchinson.



# UNITED STATES PATENT OFFICE.

ALCORN RECTOR, OF NEW YORK, N. Y., ASSIGNOR, BY MESNE ASSIGNMENTS, TO RECTOR  
GAS LAMP COMPANY, OF NEW YORK, N. Y., A CORPORATION OF NEW YORK.

GAS-LAMP.

955,549.

Specification of Letters Patent. Patented Apr. 19, 1910.

Application filed March 30, 1907. Serial No. 365,569.

*To all whom it may concern:*

Be it known that I, ALCORN RECTOR, of the city, county, and State of New York, have invented a new and useful Improvement in Gas-Lamps, of which the following is a full, clear, and exact description.

My invention relates to improvements in incandescent gas lamps, and more particularly to that variety of gas lamps which are supported on fixtures of some kind, and in which it is difficult to get at the lamp to remove the mantle or apply a new one. The globe holders are usually attached to such lamps in a way which prevents the globe and its support from being easily removed, and it is likewise usually difficult to remove the mantle carrying parts.

The object of my invention is to construct a holder for the globe or other glassware, and to arrange in connection with the holder, the parts of the lamp proper above the Bunsen burner in such a way that when the globe is lifted off all the accessories come with it, and further, to make the holder so that when so removed it can be placed flatwise on its bottom and will stand so that the parts can all be easily reached and adjusted.

The general object of such an arrangement is to facilitate the adjusting and arranging of the parts of a lamp of the kind referred to.

To this end my invention consists of certain features of construction and combinations of parts which will be hereinafter described and claimed.

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

Figure 1 is a detail vertical section of a lamp showing my improvements. Fig. 2 is a plan view on a reduced scale of the globe ring or gallery forming a part of the invention. Fig. 3 is a sectional elevation of a modification of the gallery and its connections and Fig. 4 is a detail view partly in section, of a modified form of the lamp.

The lamp is provided with a Bunsen tube 10, which I have shown as a conventional tube, but which may be of any usual kind, and this is carried on the end of a gas pipe 11, forming a part of the fixture, the pipe having the usual controlling cock 12. The globe 13 may be of any usual or preferred

kind, and it is supported in the ring or gallery 14, being fastened by screws 15, precisely as usual.

With many lamps the Bunsen tube extension and the parts which support it, and which support the globe, chimney, or other glassware, are practically a part of the fixture and can only be taken down with difficulty. With my structure however, I provide the gallery or ring 14 with upwardly extending arms 17, which merge in the collar 18, and this is screwed or otherwise secured to the extension 19 of the Bunsen tube 10, which extension fits on over the Bunsen tube and rests upon a shoulder 20, but it is of course evident that the extension can be attached in any convenient way, as may likewise the collar 18, or the arms 17 can be secured to the part 19 in any common manner. It will be noticed before going into the structure of the rest of the lamp, that this arrangement just described leaves the globe holder or ring 14 and its parts, perfectly flat on the bottom, so that when the globe is lifted off with the ring, it can be set down on a table or other support, without danger of tipping over. This in practice is a great convenience. The extension 19 of the Bunsen tube merges in a head 21, having diverging pipes 22 which are bent and extend down into the mantles 23, and these are hung in rings 24 attached to a yoke 25 on the stem 19. I have, however, covered these details in another application, and so far as this particular invention is concerned, the mantles 23 can be supported in any suitable manner upon the extension 19, either detachably, or in any preferred way. In Fig. 3 a modification of the gallery is shown, and here the gallery bottom merges directly into a sleeve 20 which fits over the reduced part of the Bunsen tube 10, and carries the extension 19. In either case it will be seen that all the parts of the lamp are lifted off the Bunsen tube together, and so the lamp can be very easily taken apart or put together.

In Fig. 4 I have shown the Bunsen tube extension 19 merging directly into a single branch tube 22<sup>a</sup> carrying a mantle 23, this being shown to illustrate the fact that any number of mantles from one, up, can be used.

It will be seen from the description which I have given, that to reach any part of the

lamp it is only necessary to simply lift the globe and its holder, and that the extension 19 and the mantles and the accessory parts, will be lifted off at the same time, after  
5 which the parts may be set down on the flat bottomed ring 14 and easily reached.

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

10 The combination with a shouldered Bunsen tube; of a removable extension slidable thereon and normally resting on the shoul-

der of said Bunsen tube, means on said extension to support an inverted mantle, a broad flat-bottomed ring connected to said 15 Bunsen extension to support a globe, said ring forming a support for said extension when the latter is removed from the Bunsen tube and maintaining the extension in an upright position.

ALCORN RECTOR.

Witnesses:

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WILLIAM S. DENISON.