

J. M. KAMINSKY.
DRINKING FOUNTAIN.
APPLICATION FILED DEC. 23, 1909.

976,372.

Patented Nov. 22, 1910.

Fig. 4-

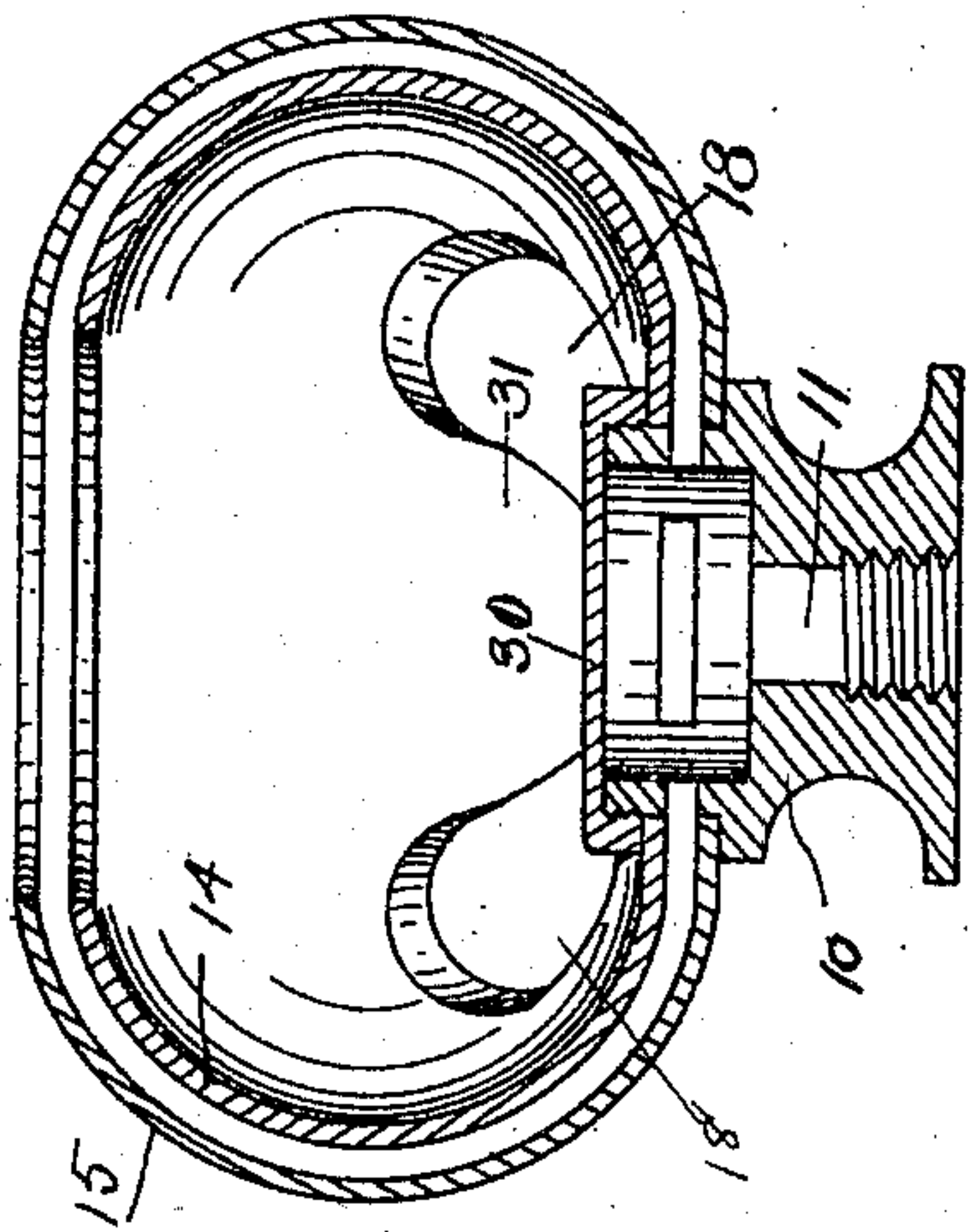


Fig. 2-

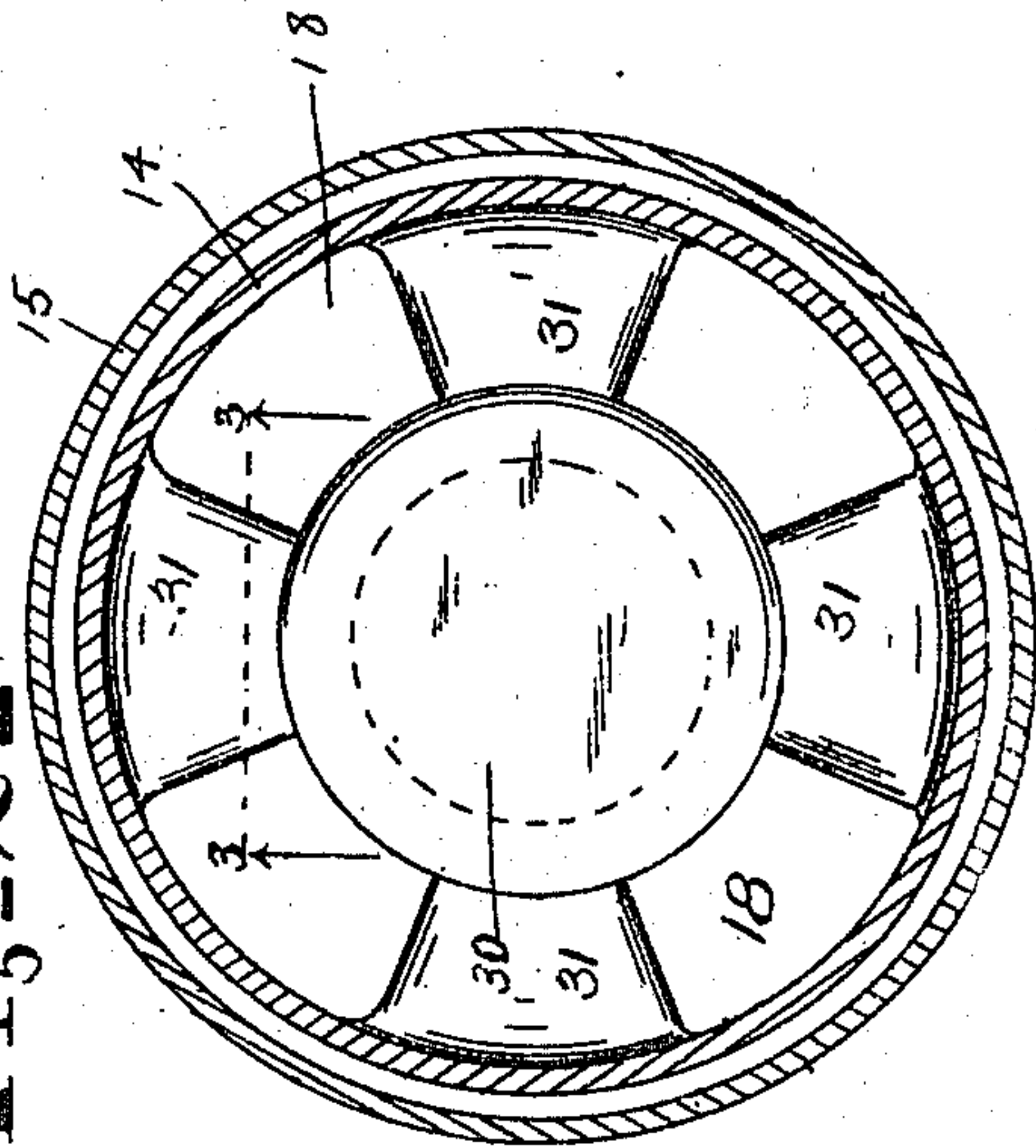


Fig. 1-

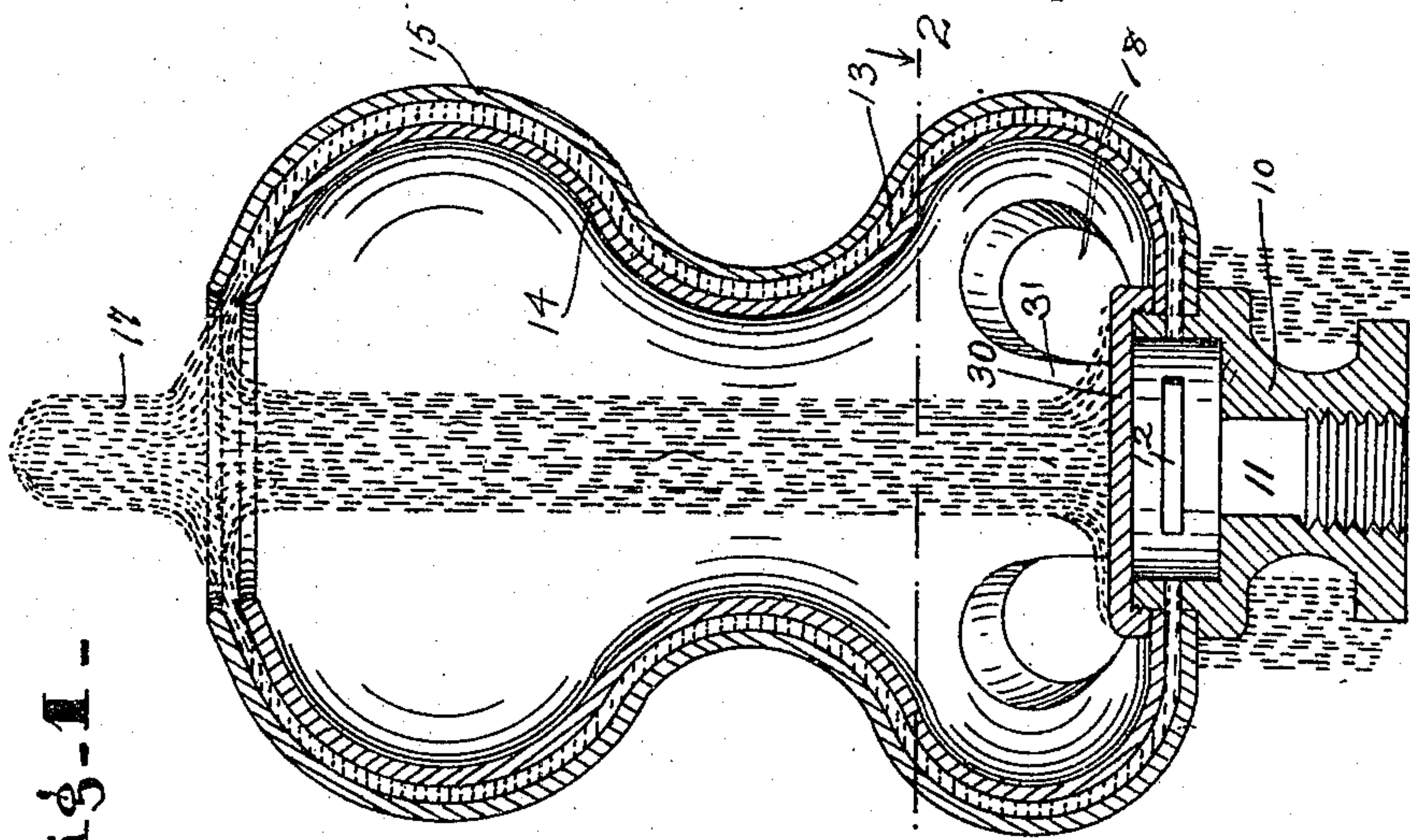
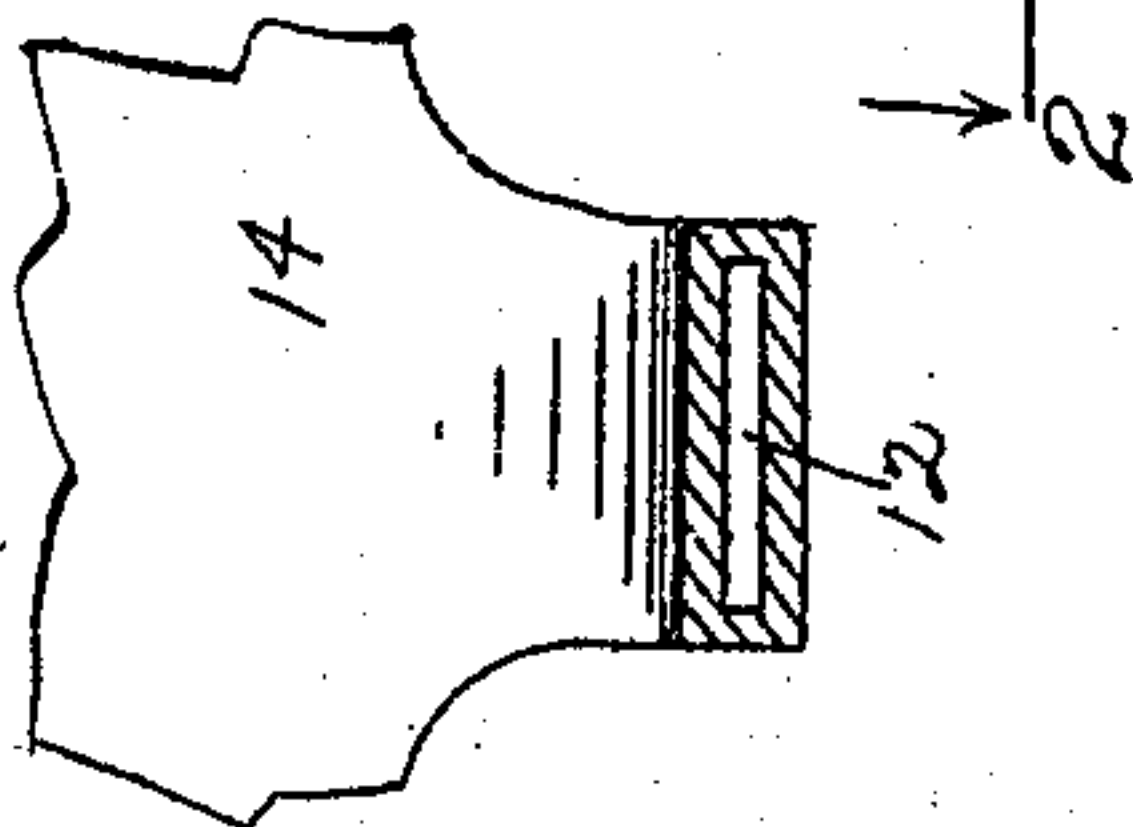


Fig. 3-



WITNESSES:

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JULIUS M. KAMINSKY, OF INDIANAPOLIS, INDIANA.

DRINKING-FOUNTAIN.

976,372.

Specification of Letters Patent.

Patented Nov. 22, 1910.

Application filed December 23, 1909. Serial No. 534,645.

To all whom it may concern:

Be it known that I, JULIUS M. KAMINSKY, of Indianapolis, county of Marion, and State of Indiana, have invented a certain new and useful Drinking-Fountain; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings.

The object of this invention is to provide an improved and modified construction of drinking fountains as compared with that shown and described in Letters Patent of the United States, Serial No. 940,879, granted to me Nov. 23, 1909.

The chief feature of this invention consists in providing means for discharging into space a single, continuous, annular sheet or body of water to a central point in such manner that a geyser-like column of water will be thrown upwardly at such central point, whereby a person can apply his mouth to such upwardly projecting column of water and drink therefrom. To this end the water is forced through a nozzle device having a substantially continuous annular outlet.

The nature of the invention will be understood from the accompanying drawings and the following description and claims.

In the drawings, Figure 1 is a central vertical section through such a device showing the movement of water after leaving the annular nozzle. Fig. 2 is a section on the line 2-2 of Fig. 1. Fig. 3 is a section on the line 3-3 of Fig. 2. Fig. 4 is a central vertical section through a modified form of such device.

There is shown in the drawings a head 10 to which water may be supplied under pressure. It has a chamber 11 therein and a cap 30 that screws on the upper end of said head to complete the head. From the chamber 11 there are radially and horizontally disposed ports 12 that communicate with a continuous annular passageway 13 between the inner and outer walls 14 and 15 of the discharging nozzle construction. The passageway 13 is a single one and annular, and the lower ends of the walls 14 and 15 forming said passageway 13 are secured to said head 10 by the radial projections 31 through which the ports 12 extend, the inner ends of

said projections 31 being secured between the main portion of the head 10 and the cap 30 thereon.

The discharge end of the passageway 13, at the upper end of the device, is annular so as to discharge a single continuous sheet of water therefrom toward the center, and as the construction is arranged in Fig. 1, the sheet of water is upwardly inclined toward the center and when it meets at the center, a large portion of the water projects upwardly, forming a geyser-like column of water 17 to which a person can apply his mouth for drinking, and therefrom the water descends downwardly through the annular nozzle construction upon the head 10 and flows away through the openings 18 in the lower part of the nozzle construction. This makes of the device a practical, sanitary drinking fountain.

The modified form in Fig. 4 is on the same principle as that in Fig. 1 excepting it is arranged so that the outlet is formed to discharge the water horizontally to a central point. In that event there would be a smaller proportion that would plunge upwardly to make the geyser-like extensions 17, but with a sufficient head of water, it would be ample for drinking purposes.

What I claim as my invention and desire to secure by Letters Patent is:

1. A drinking fountain including a nozzle construction to which water may be supplied under pressure with an annularly disposed outlet at the upper end thereof adapted to discharge a single sheet of water to a central point so that an upward geyser-like column of water will rise therefrom, substantially as set forth.

2. A drinking fountain including a nozzle construction to which water may be supplied under pressure with an annularly disposed outlet at the upper end thereof that is inclined upwardly so as to discharge a single sheet of water at an upward inclination to a central point, so that an upward geyser-like column of water will rise therefrom.

3. A drinking fountain including a nozzle construction that is globular in form with a continuous discharge passageway or chamber between the inner and outer walls thereof

and with a circular opening in the upper end thereof to provide an annular discharging orifice adapted to discharge a single sheet of water to a point in a vertical line central of said opening, and means at the lower end of said nozzle construction for supplying water under pressure to the passageway therein, there being space in the lower part of said nozzle construction for

the escape of water descending from the discharge in the upper end thereof.

In witness whereof, I have hereunto affixed my signature in the presence of the witnesses herein named.

JULIUS M. KAMINSKY.

Witnesses:

G. H. BOINK,

O. M. McLAUGHLIN.