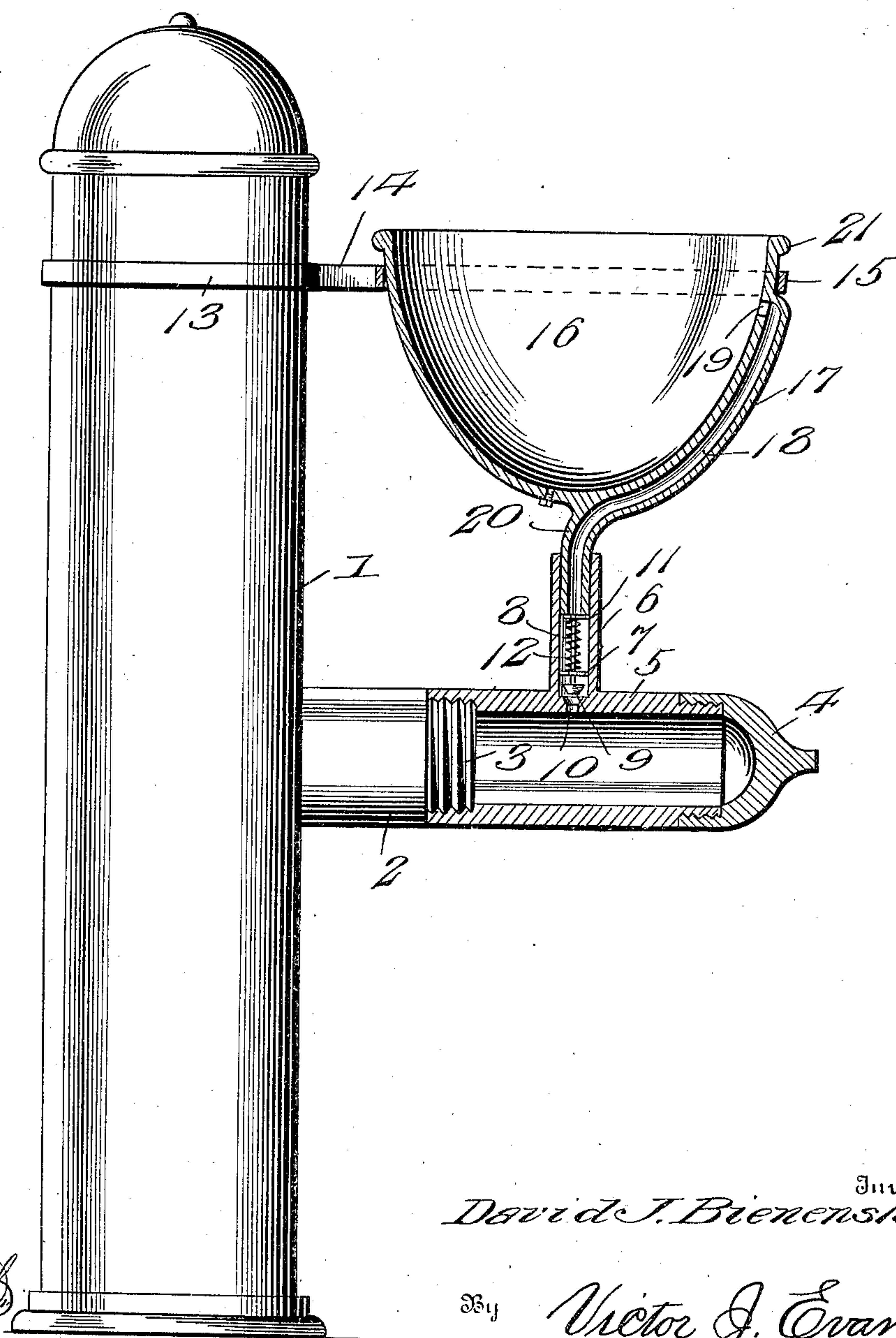


No. 755,438.

PATENTED MAR. 22, 1904.

D. J. BIENENSTOCK.
DRINKING FOUNTAIN.
APPLICATION FILED SEPT. 2, 1903.

NO MODEL.



Witnesses
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UNITED STATES PATENT OFFICE.

DAVID J. BIENENSTOCK, OF BROOKLYN, NEW YORK.

DRINKING-FOUNTAIN.

SPECIFICATION forming part of Letters Patent No. 755,438, dated March 22, 1904.

Application filed September 2, 1903. Serial No. 171,682. (No model.)

To all whom it may concern:

Be it known that I, DAVID J. BIENENSTOCK, a citizen of the United States, residing at Brooklyn, in the county of Kings and State of New York, have invented new and useful Improvements in Drinking - Fountains, of which the following is a specification.

My invention relates to new and useful improvements in drinking-fountains; and its object is to provide a device of this character which is of simple construction and which may be readily attached to a hydrant or fire-plug.

A further object is to provide a drinking-fountain which will be filled automatically and which is provided with an automatic cut-off for preventing the overflow of water discharged thereinto.

With the above and other objects in view the invention consists in the novel construction and combination of parts hereinafter more fully described and claimed, and illustrated in the accompanying drawing, which is a section through my improved drinking-fountain attached to a fire-plug.

Referring to the drawing by numerals of reference, 1 is a fire-plug having a discharge-pipe 2, which is screw-threaded at its end, as shown at 3, and ordinarily receives a cap 4.

My invention consists in providing an attachment which is adapted to be placed upon the threaded end of the pipe to form a continuation thereof, and the cap 4 is adapted to be placed upon the end of the attachment, so as to normally close it. This attachment comprises a tubular extension 5, internally screw-threaded at one end for the reception of the end 3 of the pipe 2 and externally screw-threaded at its other end for engagement with the cap 4. A tubular arm 6 extends upward from the extension 5 and has cross-bars 7 therein in which is slidably mounted a rod 8, having a valve 9 at its lower end, which is adapted to close an aperture 10, formed at the lower end of the arm 6 and opening into the extension 5. The rod 8 has arms 11 at its upper end, and a coiled spring 12 is mounted upon the rod and interposed between the arms 11 and the cross-bars 7.

A ring 13 is fastened in any suitable manner around the upper portion of the plug 1 and has a forwardly - extending arm 14, to which is connected a ring 15. This ring incloses a basin 16, having an enlarged portion 17 extending downward along one side, which is provided with a passage 18, opening into the upper portion of the basin at 19. This passage extends downward through a stem 20, formed at the center of the bottom of the basin and slidably mounted within the arm 6, and this stem is supported within the arm by the arms 11 and the coiled spring 12. A bead 21 is formed at the edge of the basin, so as to limit the downward movement of said basin within the ring 15.

The spring 12 is of sufficient strength to support the basin and at the same time hold the valve 9 removed from the aperture 10. Water is therefore free to pass from the plug into the extension 5 and thence upward through the aperture 10 and arms 6 into the passage 18 and thence through the outlet 19 to the basin. When the water rises within the basin to a point above the outlet 19, the weight thereof, in addition to the weight of the basin, will be sufficient to compress the spring 12 and seat the valve 9 upon the aperture 10. After a certain portion of the water within the basin has been removed the pressure upon the spring will be diminished for a sufficient period to permit an additional supply of water to be admitted to the basin.

It will be seen that the device is extremely simple and inexpensive in construction and can be readily attached to a fire-plug without interfering with the manipulation thereof. The power of the spring, the water-pressure, and the weight of the basin and its contents are so proportioned as to prevent the overflow of water within the basin.

In the foregoing description I have shown the preferred form of my invention; but I do not limit myself thereto, as I am aware that modifications may be made therein without departing from the spirit or sacrificing the advantages thereof, and I therefore reserve the right to make such changes as fairly fall within the scope of my invention.

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

1. An attachment for fire-plugs comprising
5 a tubular extension, a tubular arm communicating with the interior of the extension, a basin, a stem thereto slidably mounted within the arm and having a passage therein communicating with the interior of the basin, and
10 a valve in the arm operated by the stem.

2. A fountain attachment comprising a tubular extension, a tubular arm extending therefrom and communicating therewith; a valve slidably mounted within the arm, a
15 basin, and a stem extending from the basin and into the arm and supported by the valve, said stem having a passage communicating at the opposite ends with the arm and basin respectively.

20 3. A fountain attachment comprising a tubular extension, a tubular arm thereon communicating therewith, a spring-valve within the arm, a basin, a stem extending therefrom

and slidably mounted within the arm, said stem being supported by the valve and having
25 a passage therein opening at opposite ends into the arm and basin respectively, and a guide for the basin.

4. The combination with a fire-plug having an outlet-pipe and a guide-ring secured to the
30 plug; of a tubular extension detachably connected to the outlet-pipe, a cap upon the extension, a tubular arm on the extension and communicating therewith, a valve within the arm, a basin slidably mounted within the
35 guide-ring, and a stem to the basin slidably mounted in the arm and supported by the valve, said stem having a passage therein opening at the opposite ends into the arm and basin respectively.
40

In testimony whereof I affix my signature in presence of two witnesses.

DAVID J. BIENENSTOCK.

Witnesses:

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