

W. J. J. BOWMAN.

URINAL.

APPLICATION FILED AUG. 9, 1905.

946,851.

Patented Jan. 18, 1910.

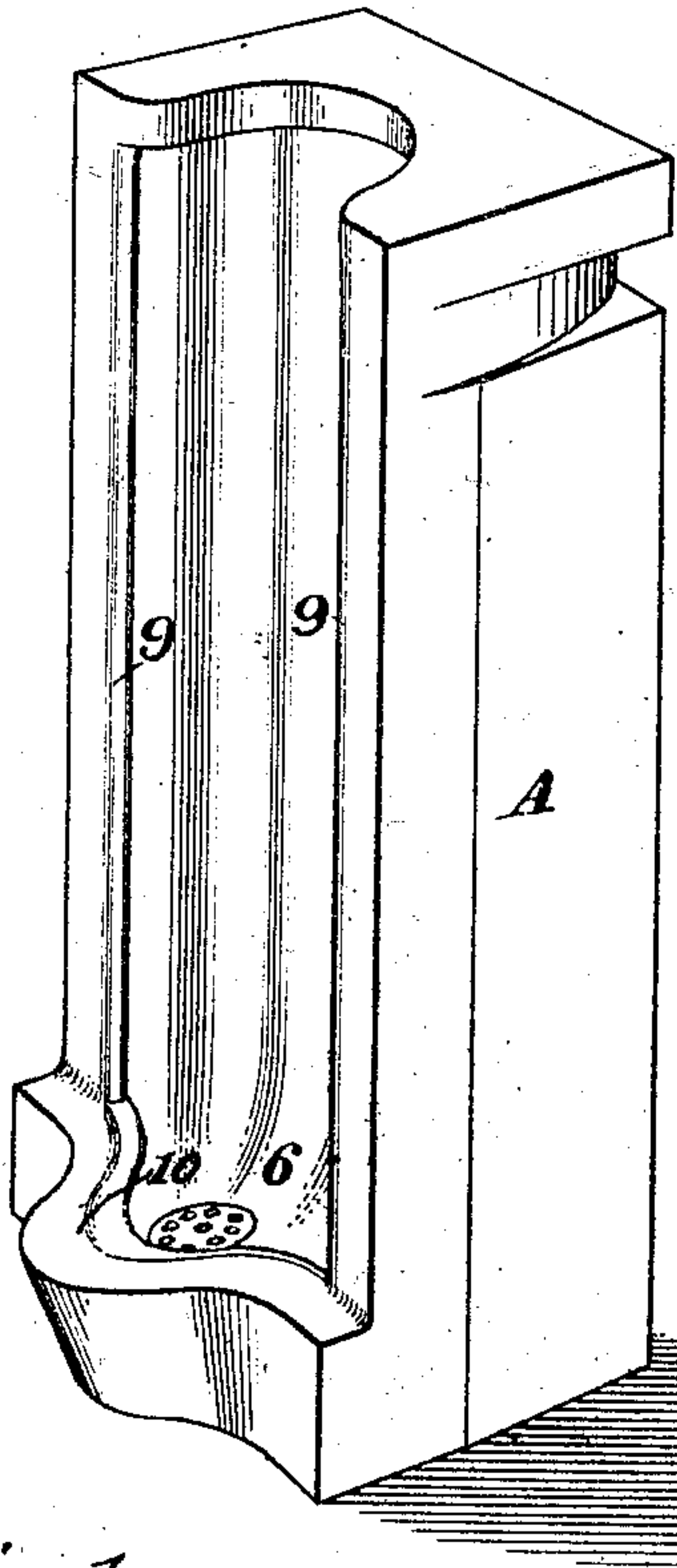


Fig. 1.

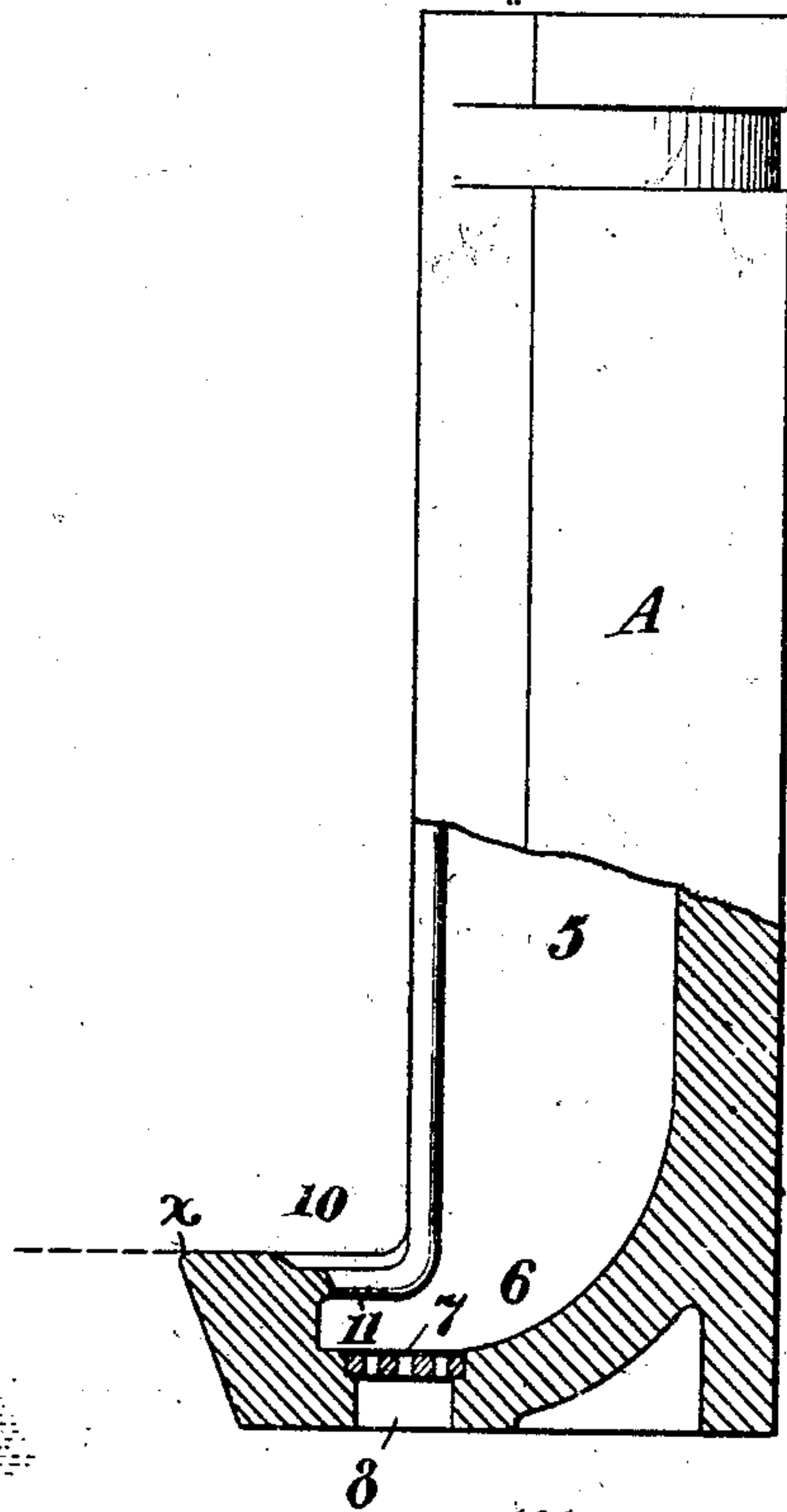


Fig. 2.

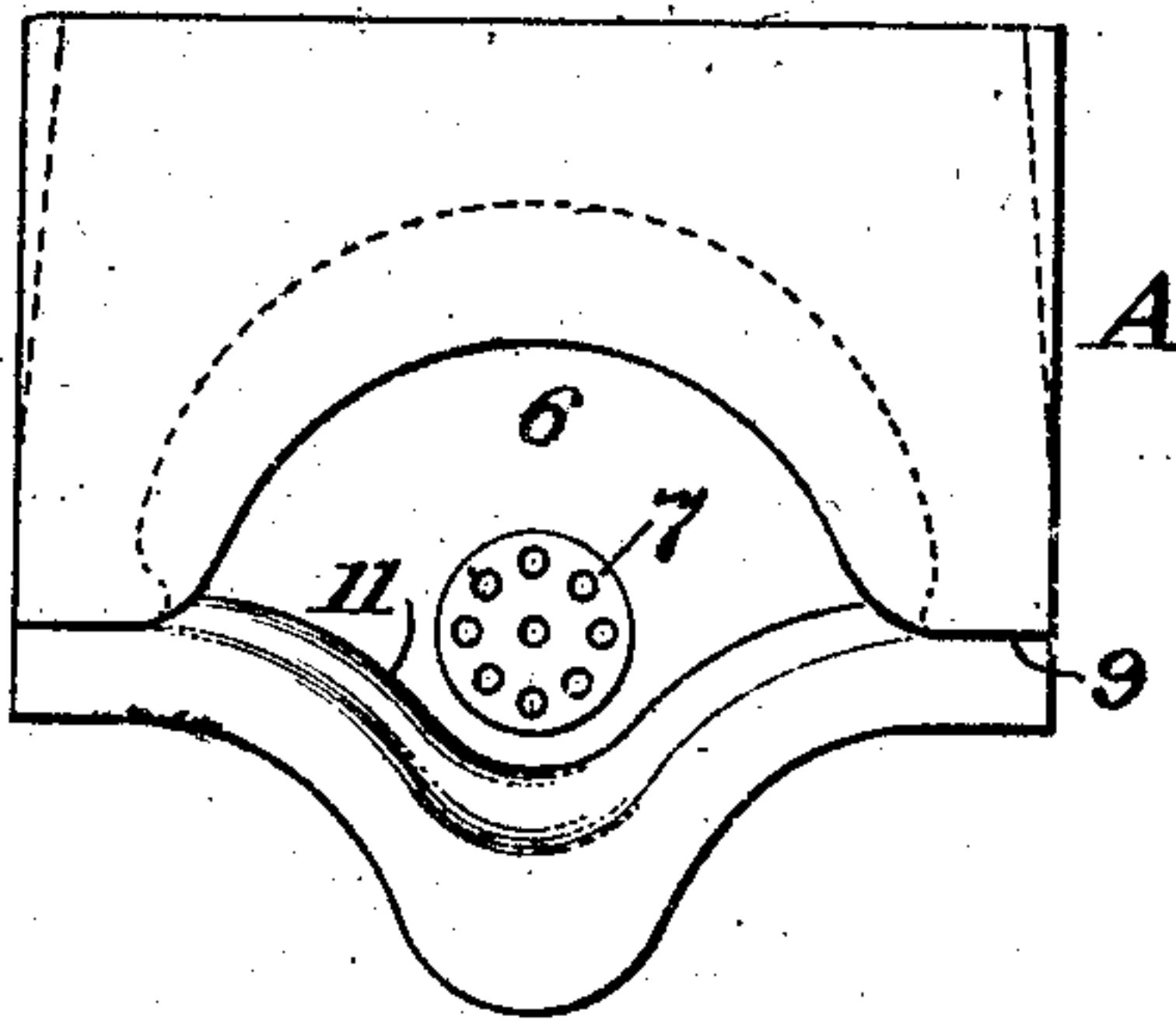


Fig. 3.

WITNESSES:

Robert Head
R. B. Caruagh

INVENTOR

William J. J. Bowman
BY
Lippard & Bull
ATTORNEYS.

UNITED STATES PATENT OFFICE.

WILLIAM J. J. BOWMAN, OF TRENTON, NEW JERSEY.

URINAL.

946,851.

Specification of Letters Patent. Patented Jan. 18, 1910.

Application filed August 9, 1905. Serial No. 273,333.

To all whom it may concern:

Be it known that I, WILLIAM J. J. BOWMAN, a citizen of the United States, and a resident of Trenton, in the county of Mercer and State of New Jersey, have invented certain novel and useful Improvements in Urinals, of which the following is a specification.

My invention relates to certain novel and useful improvements in urinals, and in the present instance I aim to provide an article of the class described which will possess many sanitary advantages and one which will also embrace the desired features of convenience, and economy of installation.

With these and other ends of a similar nature in view my invention consists in the construction, combination and arrangement of parts set forth in and falling within the scope of the appended claims.

In the accompanying drawings, like characters of reference indicate like parts in all the views; and Figure 1 is a perspective view of an article embodying my improvements; Fig. 2 is a side view partly in elevation and partly in section; Fig. 3 is a top plan view.

Referring now to the accompanying drawings in detail, the letter A indicates a stall formed of a desired material, possessing sanitary features, such as porcelain. The stall is provided with the usual vertically disposed depression or hollow 5 curving outward at the bottom, as at 6, and having a drain 7, arranged over the waste conduit 8. The outer vertical face edges of the stall are arranged to project slightly inward, such edges being in the nature of beads or ribs which extend down to and then continue horizontally along the inner edge of the front platform or base 10, as at 11, the bead being from one vertical side down to the base, and along the other vertical edge of the stall.

As will be particularly seen by reference to Fig. 2, the horizontal portion 11 of the bead or rib projects in a shelf-like manner inward of the floor of the stall above the drain, thereby forming an anti-splashing means.

The construction of the base integral with the body of the stall, and the formation of the same forms an important feature of my invention. Heretofore in articles of this

character the base has been made separate from the body of the stall and was cemented or otherwise secured in position. After such a stall has been in use for some time the base pulls or works away from the body portion by the cracking of the cement and the sanitary usefulness of the article is impaired.

My improved stall having the base integral with the body portion may be easily and quickly set in place with the upper edge of the base approximately flush with the ground line, as is shown at X in Fig. 2. Above the bead or rib 11, the base is formed with a slight groove or depression inclined toward the drain to convey any foreign matter falling thereon to the drain.

My improved stall may be readily positioned in a wall or the like with the base embedded in the ground, and when installed requires but little cleaning and attention. It may be flushed in any ordinary and well known manner.

What I claim is:

1. An article of the class described, having a vertically recessed or hollow body portion, the said hollow body portion merging into an inclined depression at the bottom thereof, a base portion projecting above the recessed bottom portion, a drain located in said recessed body portion below the level of the projection of the base, and a continuous bead extending along the side edges of the body portion and along the inner edge of the base, below the upper face portion of said base.

2. An article of the class described, having a vertically recessed or hollow body portion, the said hollow body portion merging into an inclined depression at the bottom thereof, a base portion projecting above the recessed bottom portion, a drain located in said recessed body portion below the level of the projection of the base, and a continuous bead extending along the side edges of the body portion and horizontally along the inner edge of the base below the upper face portion of said base.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

WILLIAM J. J. BOWMAN.

Witnesses:

ROBT. K. BOWMAN,
EDW. C. KAY.