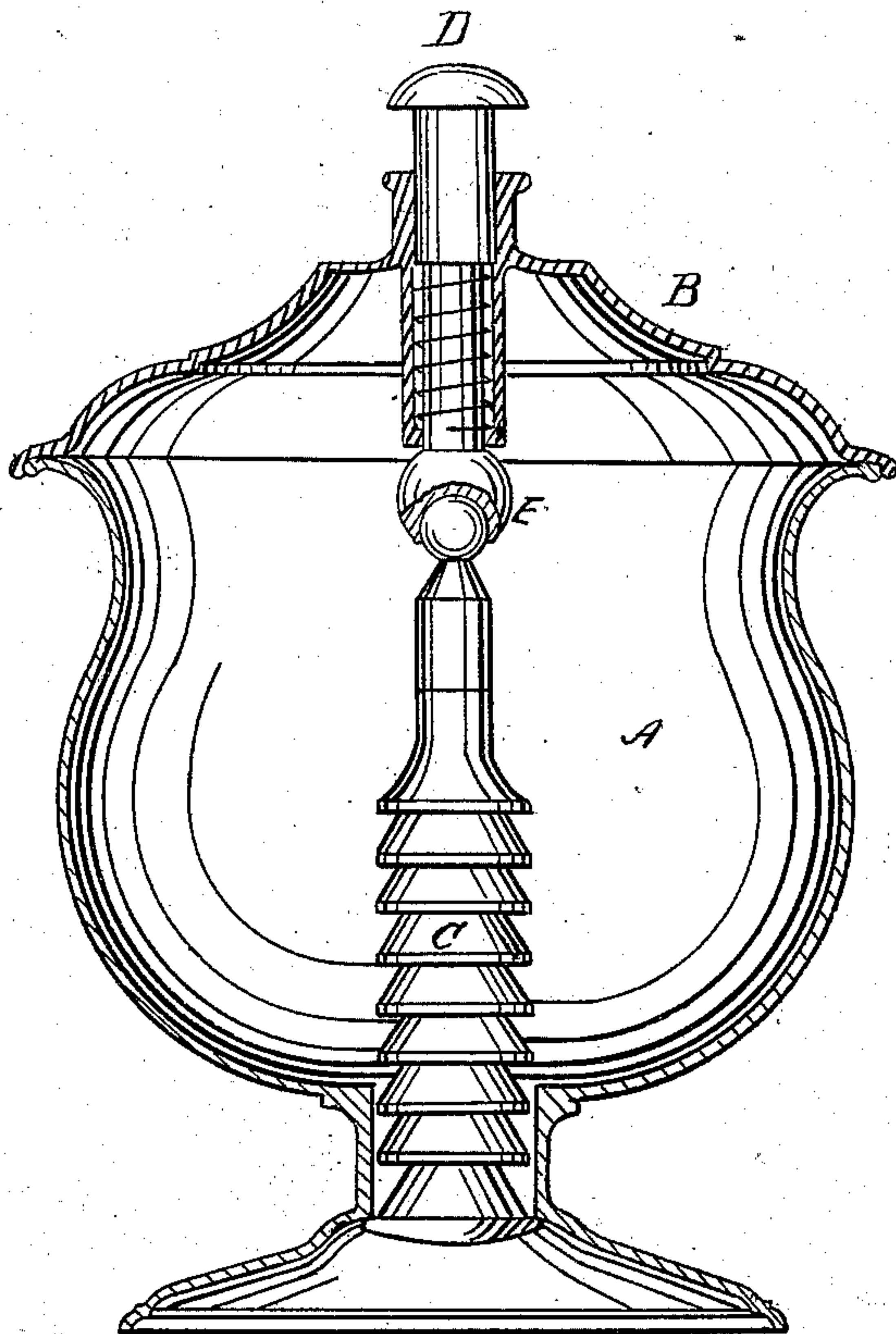


G. Jones,
Clothes Sprinkler,
No 78,805, Patented June 9, 1868.



Witnesses

A. J. Libbets
J. H. Shumway

Inventor

Geo Jones
By his Attorney
John E. Earle

United States Patent Office.

GEORGE JONES, OF NEW HAVEN, CONNECTICUT.

Letters Patent No. 78,805, dated June 9, 1868.

IMPROVED SPRINKLER AND DREDGE.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, GEORGE JONES, of New Haven, in the county of New Haven, and State of Connecticut, have invented a new Improvement in Sprinkler and Dredge; and I do hereby declare the following, when taken in connection with the accompanying drawing, and the letters of reference marked thereon, to be a full, clear, and exact description of the same, and which said drawing constitutes part of this specification, and represents a vertical central section.

This invention relates to an improvement in the sprinkler and dredge for which Letters Patent were granted to Keep and Dummer, dated July 3, 1866.

In that patent the cover can be turned but slightly from the cup, inasmuch as the whole spindle must incline, to allow the cover to be moved at all. This opens the cup so little that it is with difficulty filled. To overcome this difficulty is the object of my invention, which consists in forming a ball-joint on the spindle, within the cup, so that the cover may be turned further from the cup.

In order to the clear understanding of my invention, I will fully describe the same as illustrated in the accompanying drawings.

A is the cup, B the cover, C the plunger, which works through the bottom of the cup by depressing it upon the other end of the spindle D, to which the plunger C is attached by a ball-joint, E. The cup of Keep and Dummer has a spindle and plunger in one continuous piece, so that the whole spindle and plunger must be inclined, in order to remove the cover in the slightest degree; but by the application of the ball-joint, as I have shown, the cover may be turned on the said joint, leaving the plunger in its perpendicular position. The spring within the cover, which supports the spindle and plunger in its up position, yields, to allow the raising of the cover and turning upon the joint; thus the only practical difficulty which existed in the invention of Keep and Dummer is overcome.

I do not wish to be understood as broadly claiming making a joint in the spindle, so that the cover may be turned in either one of two directions, my invention being for a universal joint which allows the opening of the cup by the movement of the cover in any direction.

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

The arrangement of the ball-joint between the spindle D and plunger C, and combined with the cover B and cup A, so that the cover may be turned from the cup, substantially as herein set forth.

GEO. JONES.

Witnesses:

J. H. SHUMWAY,

A. J. TIBBITS.