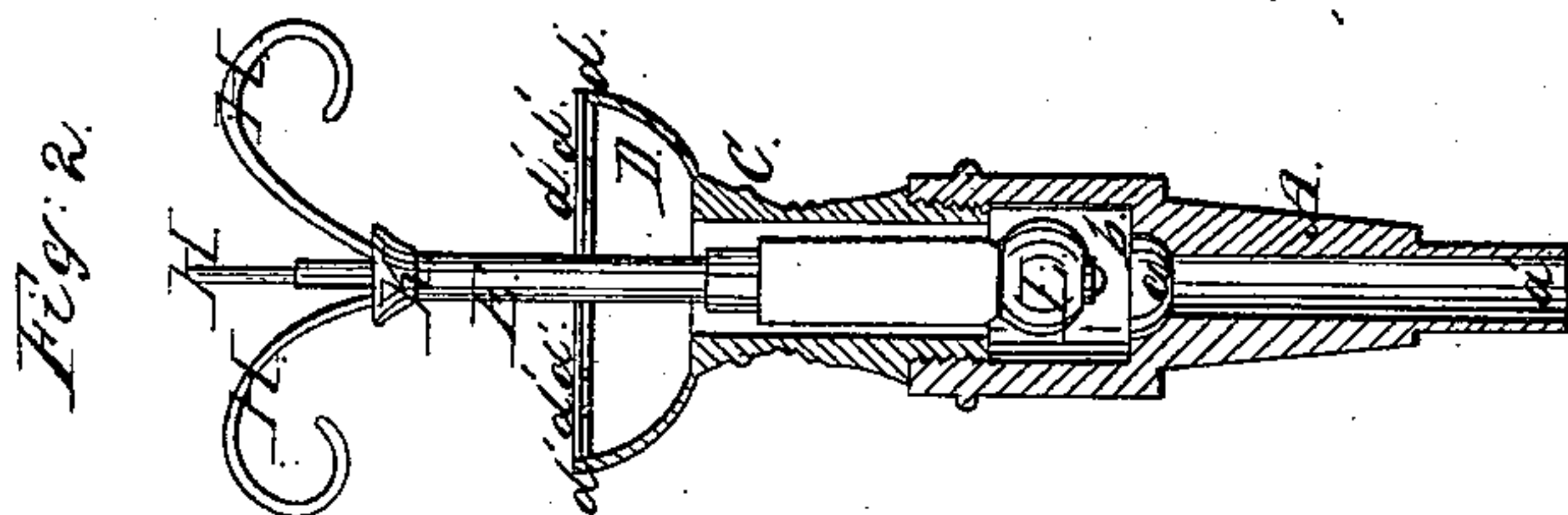
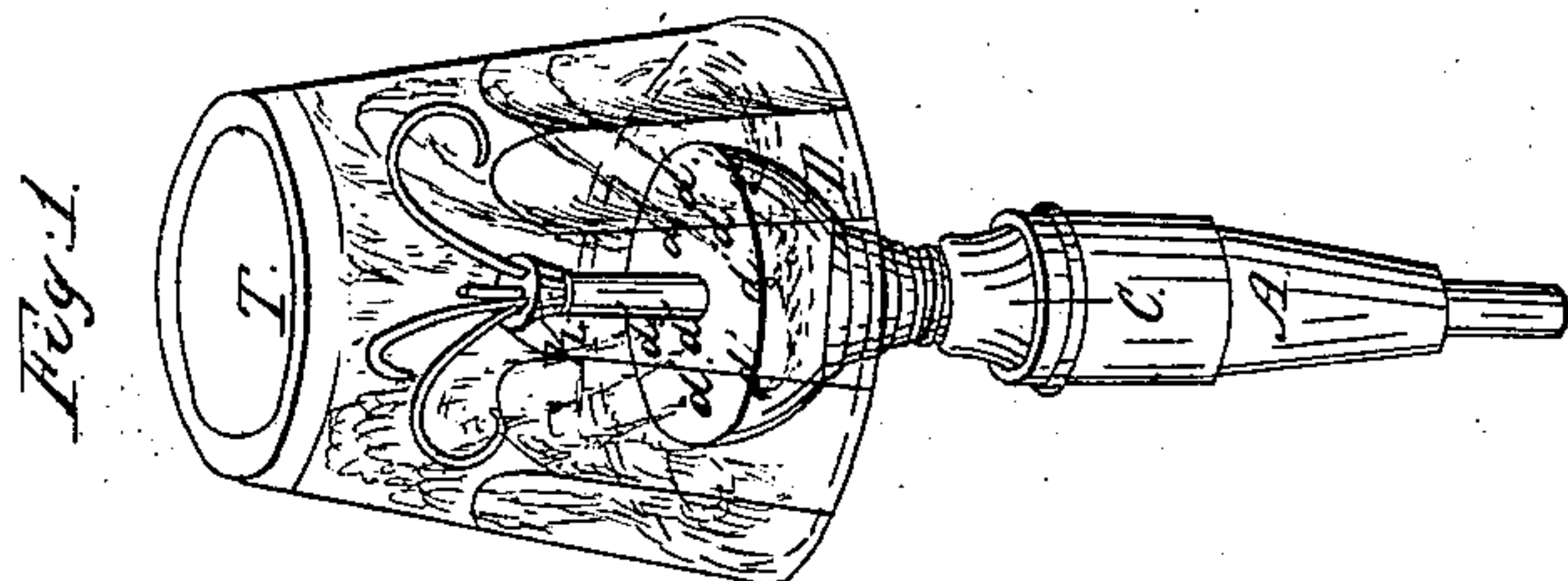


*M. Scrannage,*

*Tumbler Washer,*

*N<sup>o</sup> 82,997.*

*Patented Oct. 13, 1868.*



*Witnesses;*  
*Frank H. Parker,*  
*A. H. Perry.*

*Inventor;*  
*Matthew Scrannage.*



MATTHEW SCRANNAGE, OF BOSTON, MASSACHUSETTS.

Letters Patent No. 82,997, dated October 13, 1868.

IMPROVED TUMBLER-WASHER.

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, MATTHEW SCRANNAGE, of Boston, in the county of Suffolk, and State of Massachusetts, have invented certain new and useful Improvements in Tumbler and Mug-Washers; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The nature of my invention consists in combining, with a water-cock, a rose of peculiar construction, and a swivel, the whole so arranged that if a tumbler is placed upon said swivel, the jets of water flowing tangentially from the rose, will cause the tumbler to revolve.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and use.

In the drawings—

Figure 1 is a perspective view of my invention, as it appears when washing the tumbler.

Figure 2 is a vertical section.

A represents a tube, to be fastened to the supply-pipe. *a'* is a water-passage, terminating in a counter-sink, *a*, fig. 2. L, fig. 2, is a valve attached to the stem E, and so arranged with the tube C that the action of the water pressing upward will completely close the orifice in C, thus preventing the water from entering the rose D, unless the valve is pressed down by some force acting through the stem E. The rose D is provided with a number of perforations, *d' d' d'*,

&c., some of which may be arranged so as to discharge the water spirally. K is a swivel attached to the valve-stem E, carrying a number of arms, H H H.

The operation of my machine is as follows: When there is no weight upon the spindle E, the valve L is pressed upward against the lower part of C, closing the orifice so no water can escape, but if a weight or pressure is brought upon the spindle, the valve will be pressed downward, and the water will be discharged through the perforations in the rose. If a tumbler be placed upon the arms H H H, as represented in fig. 1, its weight will keep the valve open, and allow the water to be discharged into it, and thus cleanse it. As the tumbler is supported upon a swivel, and some of the spray from the rose acts spirally, the tumbler will be revolved, thus insuring the action of the water upon all parts of the interior.

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

1. The swivel K H H H on the stem E, arranged and operating substantially as described, and for the purpose set forth.

2. The rose D, when provided with tangentially-discharging orifices *d' d'*, &c., operating in combination with the swivel K H H H, arranged substantially as described, and for the purpose set forth.

MATTHEW SCRANNAGE.

Witnesses:

FRANK G. PARKER,  
A. HUN BERRY.