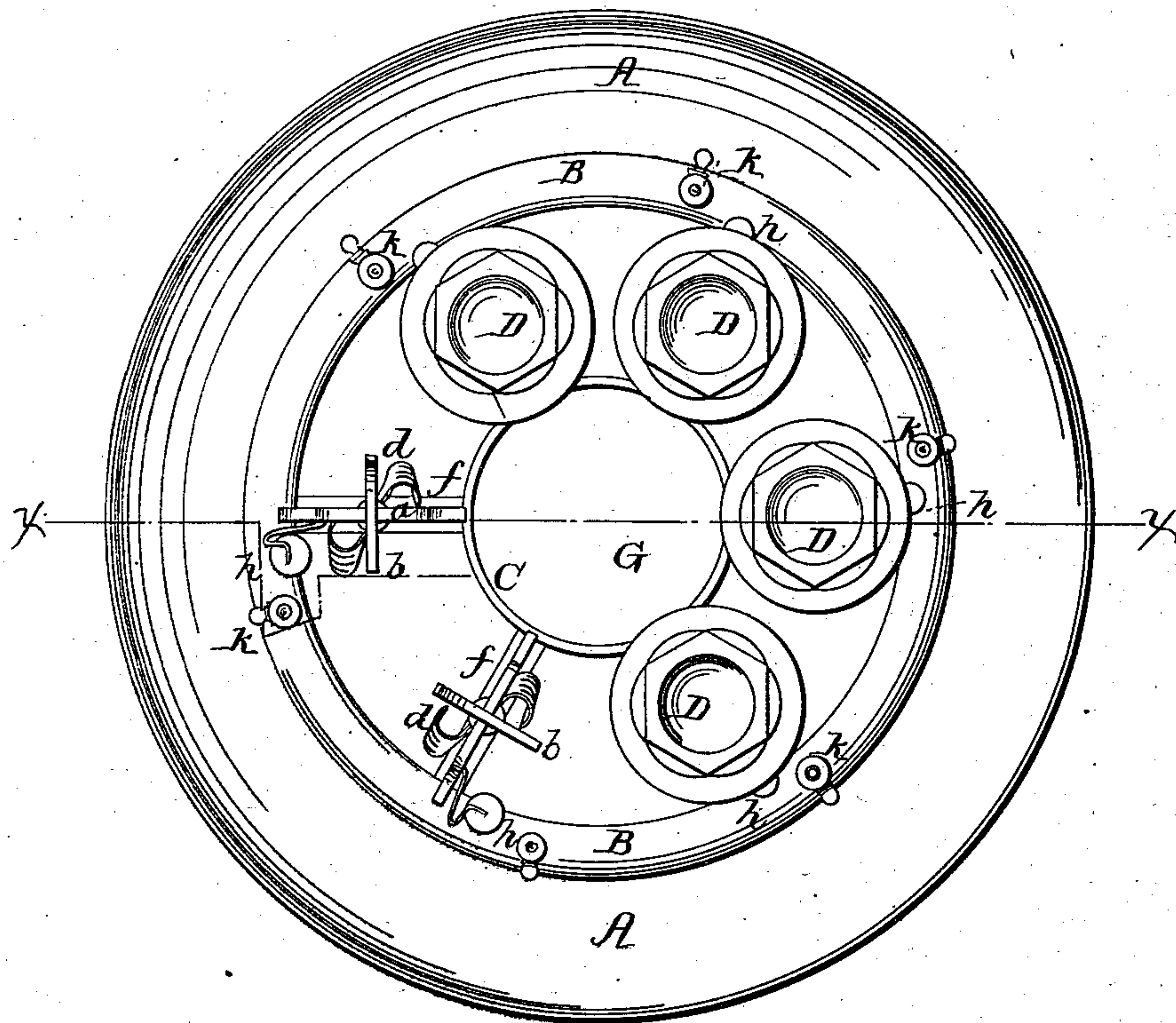


No. 82,572.

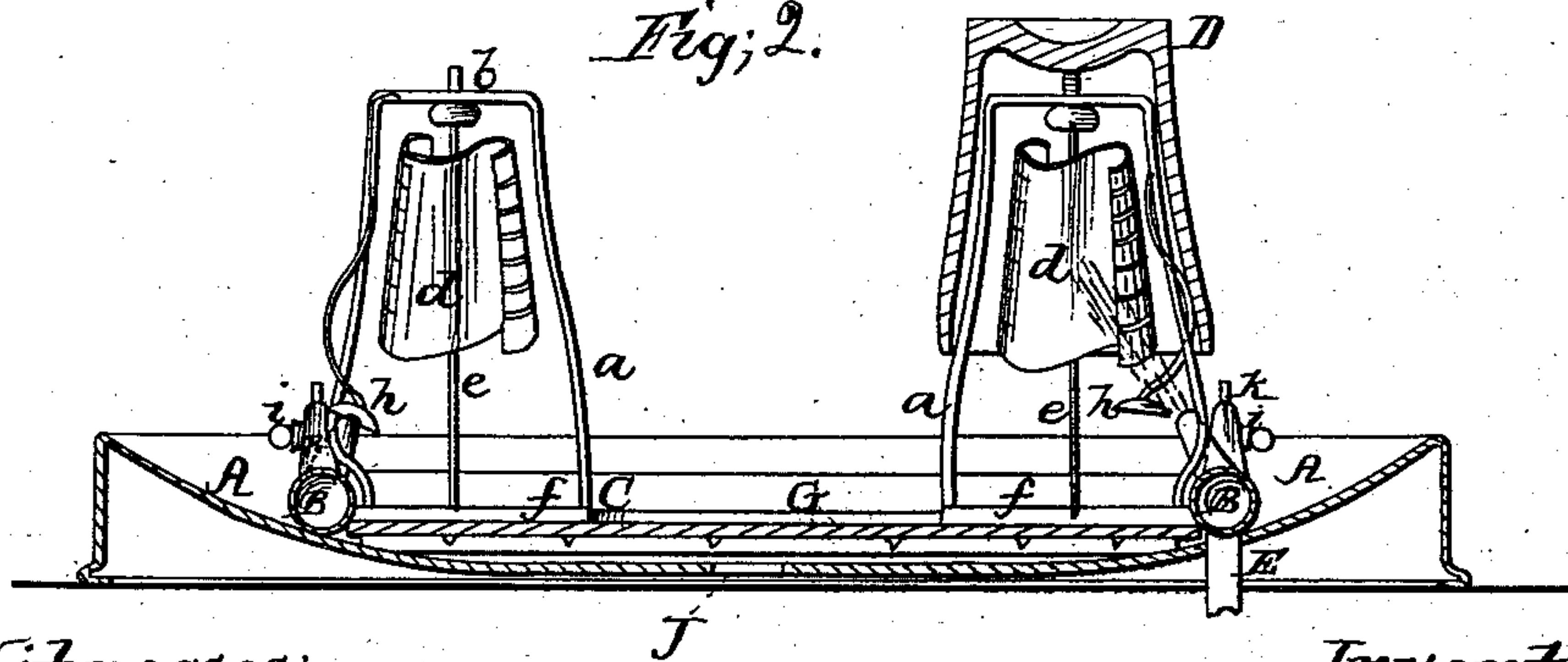
PATENTED SEPT. 29, 1868.

J. C. WHARTON.
TUMBLER STAND.

Fig; 1.



Fig; 2.



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J. C. WHARTON, OF NASHVILLE, TENNESSEE.

Letters Patent No. 82,572, dated September 29, 1868.

IMPROVED TUMBLER-STAND.

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, J. C. WHARTON, of Nashville, in the county of Davidson, and State of Tennessee, have invented a new and improved Tumbler-Stand; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a top view of my improved tumbler-stand.

Figure 2 is a central section of the same through the line *x x*, fig. 1.

Similar letters of reference indicate corresponding parts.

The object of this invention is to provide a stand for tumblers, or other drinking-vessels of similar character, and is designed as an adjunct to soda-water fountains, or as an article of use in places where beverage-fluids are retailed.

It consists of the stand, with its attachments, as hereinafter set forth.

In the drawings—

A is a tray, of sheet metal or stone, having a concave upper surface.

Within this concavity is placed a ring of pipe, B, having a connection at some point with a water-supply pipe, E, which conducts water to the ring-pipe from a hydrant or other source of supply.

At intervals along the pipe B is placed a series of jet-cocks, *i*, which are so located that the jet of water therefrom will play into the inverted tumblers held on the racks *a* placed contiguous thereto.

The racks are formed by a wire arising from the pipe B, being bent horizontal at the top, and downward again, to conform to the interior of the tumbler or other drinking-vessel to be held thereon.

The inner foot of the racks is affixed to a central wire ring or plate, C, which is braced and held in position by radial braces *f*, which connect it with the pipe-ring B.

Within the racks are revolving vanes or sheet-metal scrolls, having their edges rolled, as shown.

These scrolls revolve easily on the vertical wire stems *e*, and each one is actuated to revolve by its respective jet from the cocks *i*, before mentioned.

The scrolls, in revolving, dispense the water which impinges them, upon the interior surfaces of the tumblers.

The stems or shafts *e* have step-bearings in the braces *f*.

At each rack is a second jet-cock, *k*, from which a stream plays upon the exterior of the tumblers.

The jets from these cocks rise nearly vertically, and the descending water, falling upon the tumblers, rinses them.

When the tumblers are withdrawn from the racks, the jets from the cocks *i* are shut off automatically.

This result is produced by means of stoppers or caps *h*, affixed to the lower ends of springs, the upper ends of which are affixed to the racks.

These springs are curved, so as to project beyond the racks when the caps are on the cocks, shutting off the jet therefrom.

When the tumbler is placed on the rack, its lower edge encounters the curved part of the spring, and bears it inward, thus bringing the cap away from the cock, and admitting the stream therefrom to play against the scroll *d*, which is revolved by the impact thereof.

When a tumbler is withdrawn, the spring is thrown outward by its own tension, bringing the cap against the orifice of the cock, and shutting off the jet therefrom.

The cocks *k* are closed or opened by hand, at will.

The area within the pipe-ring may, for ornament, be provided with a mirror, G, as shown.

The tray A has a central opening, *j*, for the escape water from the jets.

The supply-pipe E, being connected, as before stated, with the water-supply of the building, the supply is continuous, although but a comparatively small quantity is consumed, from the diminutive calibre of the jet-cocks.

The tumblers are thus cleansed and cooled as they stand on the racks, requiring no rinsing by hand after being used.

The racks are surmounted with cross-rests *b*, affixed at right angles to their upper or horizontal part, on which the bottoms of the tumblers rest, being steadied thereby.

I do not claim operating the valve by the weight of the tumbler directly, or by pressure from the outside or inside, upon a jointed or pivoted lever, as I am aware that they are not new.

I claim as new, and desire to secure by Letters Patent—

1. The combination, in a tumbler-stand, of the concave tray, *A*, pipe-ring *B*, having cocks *i*, with the racks *a*, or their equivalent, and the revolving scrolls *d*, all substantially as shown and described, and for the purpose set forth.

2. The described arrangement of the caps *h*, annexed to the lower end of the curved springs pendent from the outside of the racks *a*, with relation to the inclined cocks *i* upon the pipe *B*, said spring-caps being operated by the tumblers, in the manner shown and described for the purpose specified.

J. C. WHARTON.

Witnesses:

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