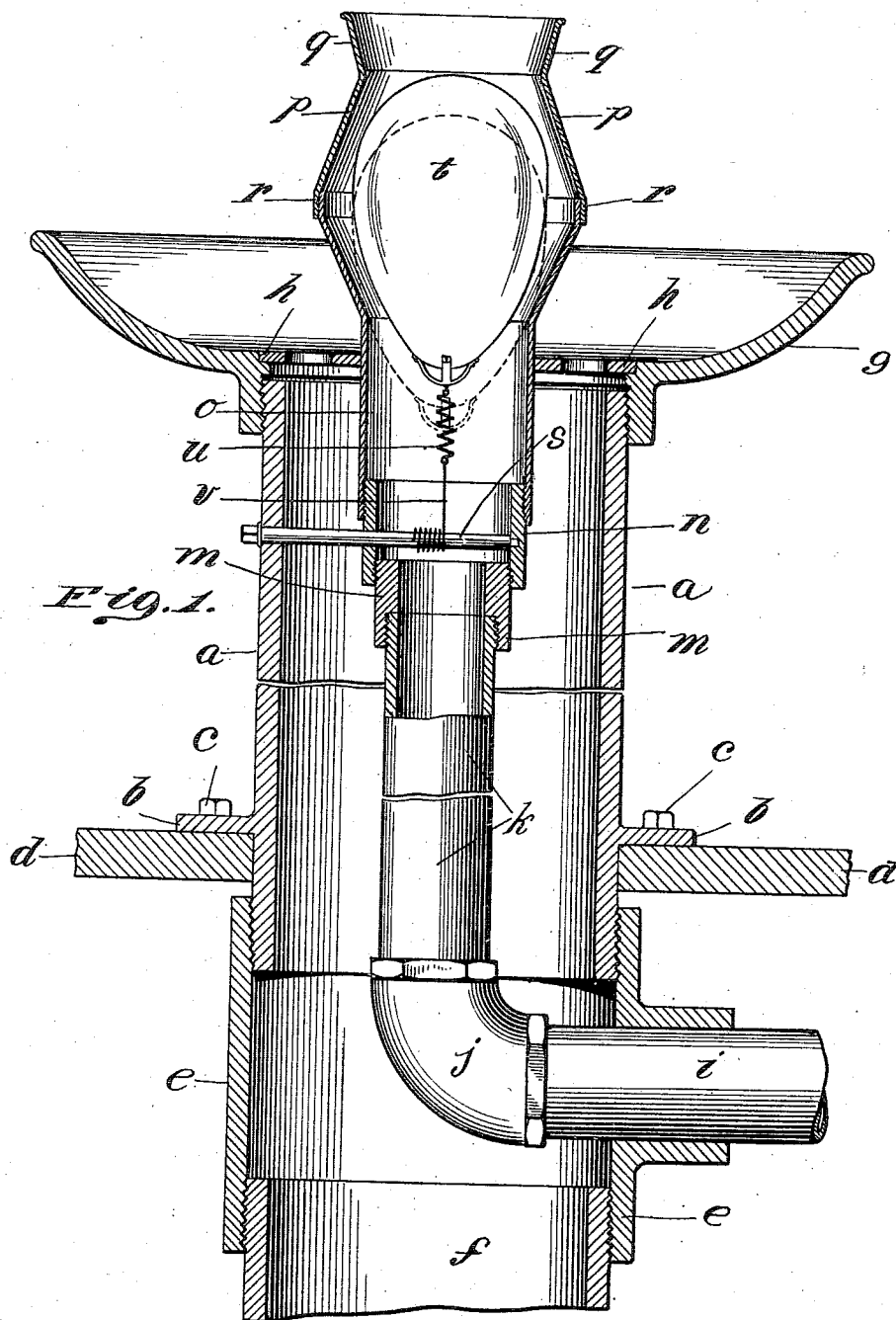


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 SANITARY DRINKING FOUNTAIN.
 APPLICATION FILED MAY 3, 1910.

985,732.

Patented Feb. 28, 1911.

2 SHEETS—SHEET 1.



Witnesses:
 Henry C. Hebig
 Albert Hamilton.

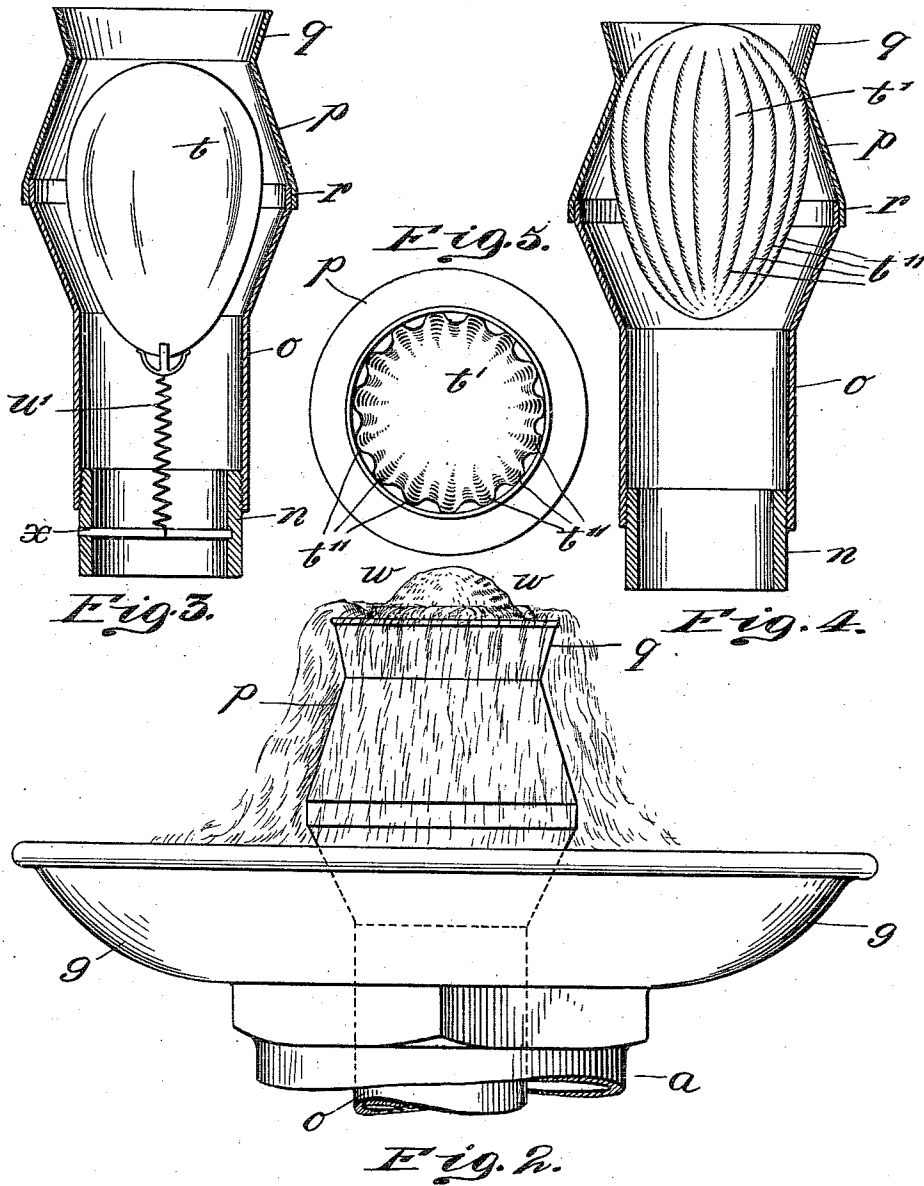
James G. Daly, Inventors:
 Charles K. Moore
 By their Attorney
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UNITED STATES PATENT OFFICE.

JAMES G. DALY AND CHARLES K. MOORE, OF MIDDLETOWN, INDIANA.

SANITARY DRINKING-FOUNTAIN.

985,732.

Specification of Letters Patent. Patented Feb. 28, 1911.

Application filed May 3, 1910. Serial No. 559,054.

To all whom it may concern:

Be it known that we, JAMES G. DALY and CHARLES K. MOORE, citizens of the United States, residing at Middletown, in the county of Henry and State of Indiana, have invented certain new and useful Improvements in Sanitary Drinking-Fountains, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to improvements in drinking fountains for use in schools, theaters, public halls and other places where large crowds congregate; and an object of this invention is to provide a drinking fountain which will prove sanitary in use and from which a drink may be conveniently taken without the use of a cup or similar receptacle.

In the drawings illustrating the principle of this invention and the best mode now known to us of applying that principle, Figure 1 is a central vertical section through our new drinking fountain; Fig. 2 is an elevation of the upper part of the latter and shows the mound-shaped form of the water at the outlet; Fig. 3 is a detail which shows a modified form of the mounting of the hub-shaped distributor; and Figs. 4 and 5 are details showing a modified form of the distributor.

The fountain casing *a* is formed with a ring-shaped flange or floor-plate *b* through which pass the lag-screws *c* (or other suitable fastening devices) to secure the casing in position in the floor *d*. A union or pipe-connection *e* serves to connect the lower end of the casing *a* to the waste-pipe *f*. To the upper end of the casing is screwed the catch-basin *g* provided with a foraminous grating *h* which serves as a bottom for the catch-basin.

The water-pipe *i* is supported by the union *e* and is connected by the elbow *j* to the inlet pipe *k* on top of which is screwed a cap *m*. On the latter is mounted a ring *n* which carries the lower member *o* of the spout or fountain-head *p*. The mouth portion or upper member *q* of the spout *p* is connected to the lower part *o* by a common lap-joint, as is shown at *r*; but, of course, it may be screwed to the lower part or otherwise suitably fastened thereto.

In the ring *n* is mounted a shaft *s* the outer end of which is squared to fit a wrench or key (not shown) by which the shaft *s*

may be turned. In the spout *p* floats an egg-shaped or bulbous regulator or distributor *t* to the lower end of which is connected one end of a coil spring *u* the other end of which is connected by a cord *v* to the shaft *s*. By turning the latter after the manner of a windlass, the cord is wound up or paid out so as to position properly the distributor *t*. The position of the latter is adjusted so that the water will rise in the form of a mound *w* at the discharge end of the fountain (Fig. 2). The spring *u* may be omitted; or, as shown in Fig. 3, the lower end of a spring *u'* may be connected to a cross-pin *x* mounted in the ring *n*. If so desired, the distributor *t'* may be formed with corrugations *t''* which permit the flow of the water, the distributor *t'* not being anchored (Fig. 4). The formation of a mound *w* of water at the fountain-head conduces greatly to convenience in drinking therefrom. Of course, the form of distributor *t'* shown in Figs. 4 and 5 may, if so desired, be used in the construction shown in Fig. 1 in place of the distributor *t*.

We claim:

1. A drinking fountain having, in combination, a fountain casing; an inlet water-pipe; a fountain-head connected with the latter and mounted on said casing; and a distributor of egg-shaped form which is mounted in said fountain-head and which causes the water to rise therefrom in the form of a mound.

2. A drinking fountain having, in combination, a fountain-casing; an inlet water-pipe which is mounted therein; a fountain-head carried by said water-pipe; and a distributor which is mounted free to rise and fall in said fountain-head as the velocity of the stream varies and which causes the water to rise therefrom in the form of a mound.

3. A drinking fountain having, in combination, a fountain-casing; an inlet water-pipe which is mounted therein; a fountain-head carried by said water-pipe; and an egg-shaped distributor which is mounted free to rise and fall in said fountain-head as the velocity of the stream varies and which causes the water to rise therefrom in the form of a mound.

4. A drinking fountain having, in combination, a fountain-casing; an inlet water-pipe which is mounted therein; a fountain-head carried by said water-pipe; a distributor which is mounted free to rise and fall

in said fountain-head as the velocity of the stream varies and which causes the water to rise therefrom in the form of a mound; and yielding means by which said distributor is anchored within said fountain-head.

5 5. A drinking fountain having, in combination, a fountain-casing; an inlet water-pipe which is mounted therein; a fountain-head carried by said water-pipe; a distributor which is mounted free to rise and fall in said fountain-head as the velocity of the stream varies and which causes the water to rise therefrom in the form of a mound; and mechanism for adjusting the position of said distributor in said fountain-head.

10 6. A drinking fountain having, in combination, a fountain casing; an inlet water-pipe which is mounted therein; a fountain-head carried by said water-pipe; a distributor which is mounted in said fountain-head; and mechanism for adjusting the position of said distributor in said fountain-head.

15 7. A drinking fountain having, in combination, a water-supply pipe; a fountain-head

mounted thereon; a distributor which is mounted free to rise and fall in said fountain-head as the velocity of the stream varies; and mechanism for adjusting the position of said distributor in said fountain-head.

8. A drinking fountain having, in combination, a water-supply pipe; a fountain-head mounted thereon; an egg-shaped distributor which is mounted free to rise and fall in said fountain-head as the velocity of the stream varies and which causes the water to rise from said fountain-head in the form of a mound; and mechanism for adjusting the position of said distributor in said fountain-head.

Signed at Middletown, Indiana, this 25th day of April, 1910, in the presence of the two undersigned witnesses.

JAMES G. DALY.
CHARLES K. MOORE.

Witnesses:

W. E. BROWN,
J. W. FARRELL.