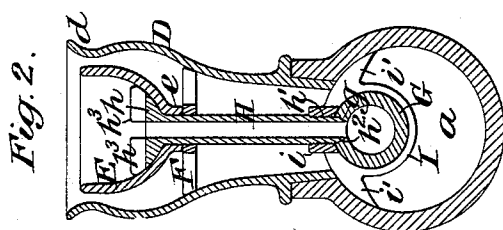
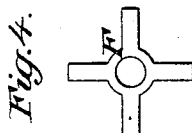
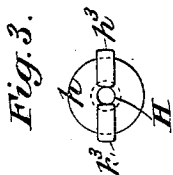
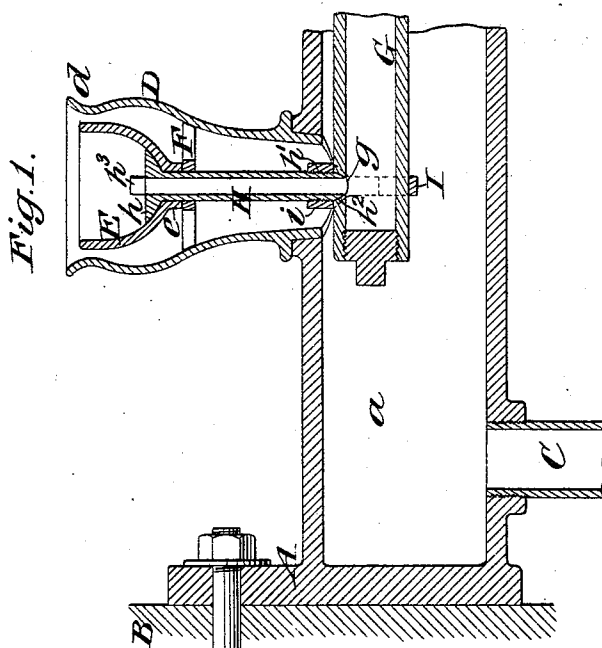


(No Model.)

W. F. CUNNINGHAM.
DRINKING FOUNTAIN.

No. 538,820.

Patented May 7, 1895.



Witnesses:
O. Sundgren
George Barry,

Inventor
William F. Cunningham
by attorneys
Brown & Powell

UNITED STATES PATENT OFFICE.

WILLIAM F. CUNNINGHAM, OF BROOKLYN, NEW YORK.

DRINKING-FOUNTAIN.

SPECIFICATION forming part of Letters Patent No. 538,820, dated May 7, 1895.

Application filed March 8, 1895. Serial No. 540,934. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM F. CUNNINGHAM, of Brooklyn, in the county of Kings and State of New York, have invented a new and useful Improvement in Drinking-Fountains, of which the following is a specification.

My invention relates to an improvement in drinking fountains in which a constant supply of fresh water is caused to present itself in an inner cup and overflow into an outer cup within which the inner cup is placed.

A practical embodiment of my invention is represented in the accompanying drawings, in which—

Figure 1 is a view of the fountain in vertical section, taken in a plane through the longitudinal axis of the supply and overflow pipes. Fig. 2 is a transverse vertical section taken centrally through the fountain. Fig. 3 is a top plan view of the head of the discharge-pipe. Fig. 4 is a plan view of the spider which sustains the inner cup, and Fig. 5 is a top plan view of the bracket which sustains the service-pipe beneath the overflow-cup.

The particular form of bracket, or waste pipe, or conduit on which the fountain is preferably supported is a matter of choice, as circumstances and the particular location of the fountain may determine. In the present instance, I have shown a bracket A fastened to a side wall B and provided with an interior chamber *a* to receive the overflow water from the outer fountain cup, a waste pipe C leading from the chamber *a* to carry off the overflow to the sewer.

The outer cup of the fountain, denoted by D, is fitted at its lower end to an opening in the top wall of the chamber *a* and extends upwardly to such a height as may be desired and is preferably made of curved outline gradually increasing in diameter to the point where the inner cup is located and then curved outwardly to form a loop *d*.

Within the outer cup D, there is located a drinking cup E of such diameter as to leave a space between it and the interior wall of the outer cup for the water to overflow and pass downwardly between it and the outer cup. At its lower end, the drinking cup E is contracted, as at *e* and fitted to rest upon the

hub of a spider or skeleton support F, which itself rests upon the inner wall of the outer cup D.

The service pipe, denoted by G, extends within the chamber *a* underneath the bottom of the outer cup D and is there provided with an opening *g* in its wall for the passage of the water into the drinking cup E.

The end of the service pipe is held in position beneath the outer cup D and the drinking cup E is held in position on the spider F by means of a hollow bolt H which serves also as a discharge pipe. The head *h* of the bolt H is fitted to rest snugly in contact with the interior wall of the drinking cup E around the opening in its bottom and the point *h'* of said hollow bolt is screw threaded to engage the screw threaded hub *i* of the yoke or clip I. The yoke or clip I is provided with a circular portion, adapted to surround the service pipe G, and with winged portions *i'*, adapted to engage the inner wall of the chamber *a* in proximity to the opening in which the outer cup D is seated. The lower end of the bolt H is preferably tapered, as shown at *h²*, Figs. 1 and 2, to fit the tapered wall of the opening *g* in the service pipe G. The head of the hollow bolt H is further preferably provided with lugs *h³*, uprising therefrom upon opposite sides of the central opening in the bolt for purposes of screwing the bolt into the hub of the yoke or clip I.

The parts are assembled as follows: The drinking cup E having been placed in position upon the spider F within the outer cup D and the yoke or clip I having been placed around the service pipe G, with its hub *i* surrounding the opening *g* in the service pipe; the hollow bolt H is passed down through the bottom of the drinking cup E, through the spider F and screwed into the hub *i* of the yoke or clip I, until its lower end seats snugly in the opening *g* in the service pipe G. This screwing of the bolt H will simultaneously draw the drinking cup E firmly down upon its support F and at the same time will draw the yoke or clip I snugly up against the wall of the chamber *a* and in so doing will hold, not only the service pipe, the drinking cup E and the spider F in position, but will at the

same time hold the exterior cup D firmly to its seat on the bracket A.

What I claim is—

1. The drinking fountain, comprising a suitable support, an outer cup seated thereon, an inner cup supported within the outer cup, leaving an overflow space between the outer and inner cup, a service pipe, a clip or yoke in engagement with the outer cup support and a hollow bolt adapted to engage the said inner cup and a clip or yoke to hold the inner cup in position, substantially as set forth.

2. The drinking fountain, comprising a suitable support, an outer cup seated thereon, an inner cup supported within the outer cup to leave an overflow opening between it and the outer cup, a service pipe extending beneath the outer cup, a clip or yoke forming a support for the service pipe, and engaged with the outer cup support and a hollow bolt hav-

ing an engagement with the inner cup and with the clip or yoke to simultaneously hold the inner cup and service pipe in position, substantially as set forth.

3. The drinking fountain, comprising a suitable support, an outer cup resting on said support, an inner cup and inner cup support resting within the outer cup, a service pipe extending beneath the outer cup, a clip or yoke adapted to engage the service pipe and an outer cup support and a hollow bolt adapted to engage the said inner cup and clip or yoke to hold the outer cup, the inner cup, the inner cup support and the service pipe in position, substantially as set forth.

WILLIAM F. CUNNINGHAM.

Witnesses:

FREDK. HAYNES,
IRENE B. DECKER.