

(No Model.)

W. S. MAYO.
OVERFLOW.

No. 418,579.

Patented Dec. 31, 1889.

Fig. 1.

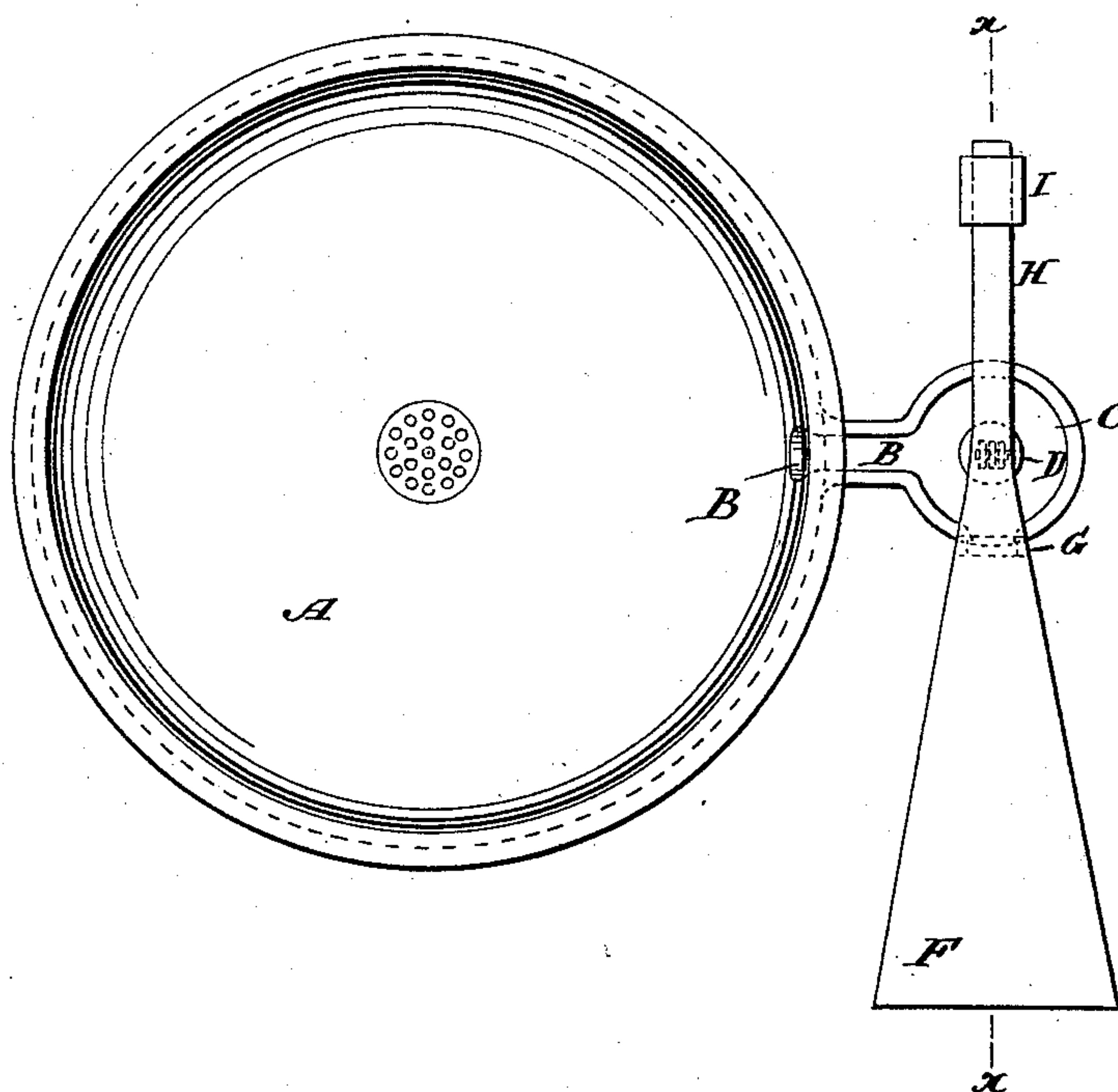
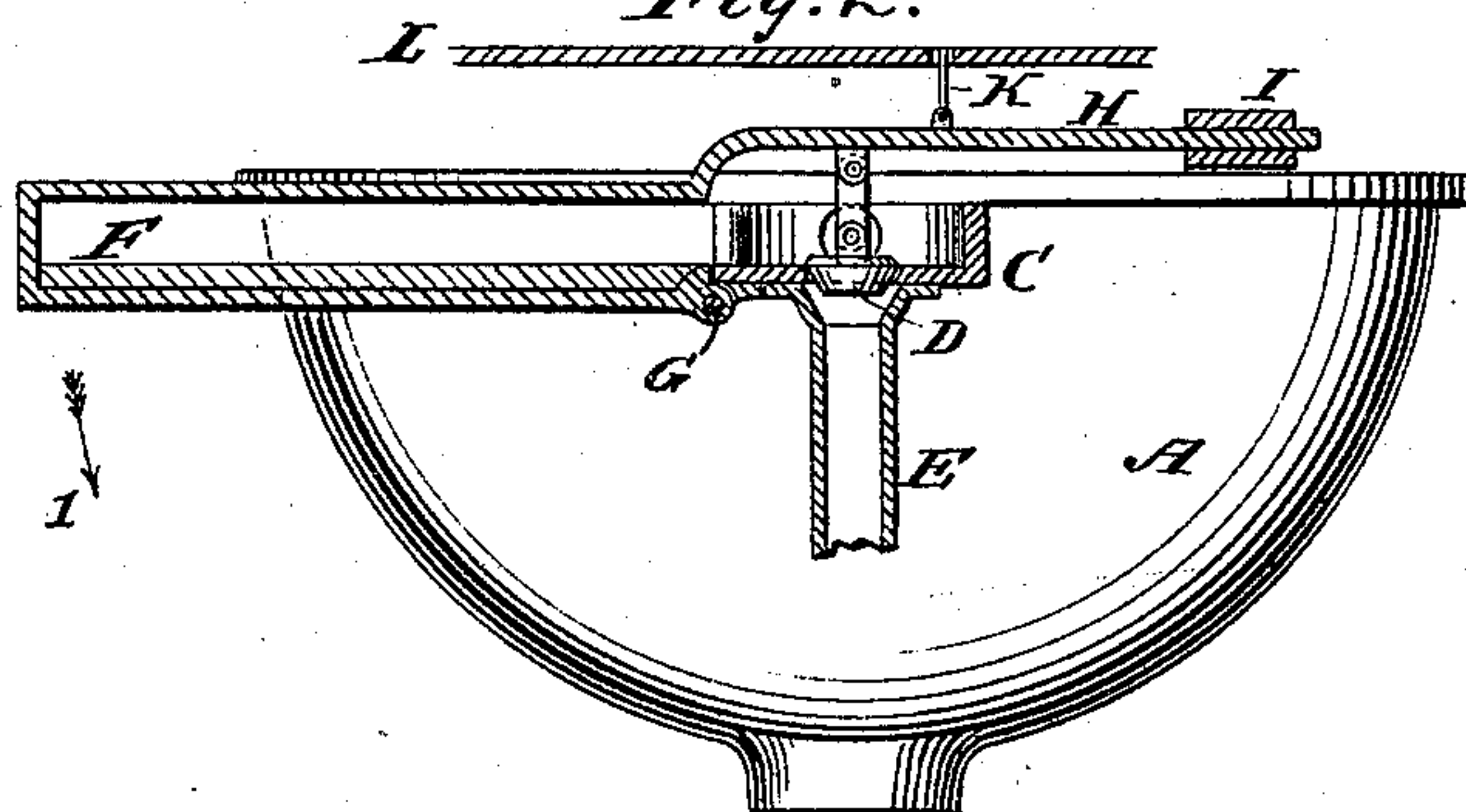


Fig. 2.



WITNESSES:

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UNITED STATES PATENT OFFICE.

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OVERFLOW.

SPECIFICATION forming part of Letters Patent No. 418,579, dated December 31, 1889.

Application filed May 16, 1889. Serial No. 311,060. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM S. MAYO, a citizen of the United States, residing at New York, in the county and State of New York, have invented new and useful Improvements in Overflows, of which the following is a specification.

This invention relates to an overflow in which the overflowing water or liquid causes a suitable outlet to be opened, so that the excess of water will flow off; and the invention consists in the details of construction set forth in the following specification and claims, and illustrated in the accompanying drawings, in which—

Figure 1 is a plan view of an overflow. Fig. 2 is a section along line $x x$, Fig. 1.

Similar letters indicate corresponding parts.

In the drawings, the letter A indicates a bowl, basin, or vessel from which leads an overflow-channel B to a cup C. The plug or stopper D closes the passage from the cup C to the outflow E. A recessed arm or pocket F is hinged or jointed to the cup at G, and said pocket has an arm H connected to the stopper D.

When the vessel A is filled to overflowing, some of the liquid passes to the cup C, and thence into pocket F, thus weighting the pocket F, so as to swing said pocket in the direction of arrow 1 and cause the arm H to draw the stopper D from the outflow E; when any overflow-water will drain off through said outflow. The bottom of the cup C can advantageously be inclined toward the outflow E, so as to cause the overflow-water to readily pass to said outflow.

The arm H can be provided with an adjustable weight I, so as to secure a proper weighting of the arm H. The parts are brought

back by hand to the position shown in the drawings. A finger K, projecting through an opening in the cover or top slab L, can be used to press the stopper into its closing position, and said finger K also serves as an index to show if the stopper is in its closing position or not.

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

1. The combination, with the vessel A, having an overflow B, provided with an outflow E, of a stopper for said outflow, and a hinged or pivotally-mounted actuating-arm H for said stopper, said arm being provided with a pocket communicating with the overflow, substantially as described.

2. The combination, with the vessel A, having an overflow B, provided with an outflow E, of a stopper for said outflow, and a hinged or pivotally-mounted actuating-arm H for said stopper, said arm being provided with adjustable weight I and with a pocket F, communicating with the overflow, substantially as described.

3. The combination, with the vessel A, having an overflow B, provided with an outflow E, of a stopper for said outflow, and a hinged or pivotally-mounted actuating-arm H for said stopper, said arm being provided with an index K and with a pocket F, communicating with the overflow, substantially as described.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

WILLIAM S. MAYO.

Witnesses:

WILLIAM C. HAUFF,
E. F. KASTENHUBER.