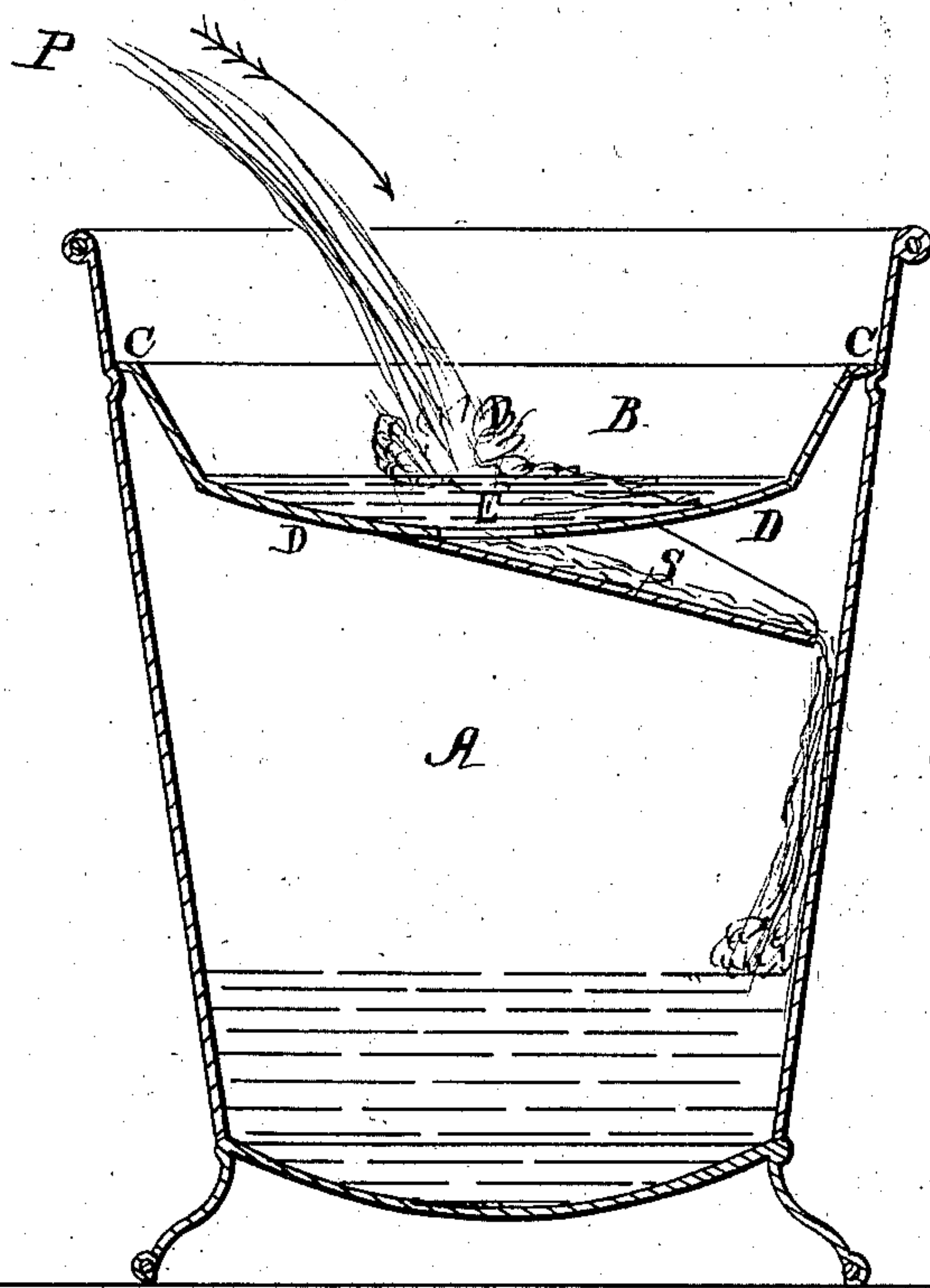


W. B. Sawyer.

Sloped Bucket Lid.

No. 86,698.

Patented Feb. 9, 1869.



Witnesses;
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United States Patent Office.

WILLIAM B. SAWYER, OF NEW YORK, N. Y.

Letters Patent No. 86,698, dated February 9, 1869.

IMPROVED SLOP-PAIL LID.

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, WILLIAM B. SAWYER, of the city of New York, in the county and State of New York, have invented certain Improvements in Slop-Pail Lids; and I do hereby declare that the following is a full and exact description thereof, which will enable others skilled in the art to make and use the same.

The nature of this invention consists in the peculiar shape and construction of the lid to be used in combination with or to be placed on slop-pails, chambers, urinals, &c., by which, while it effectually acts as a cover to said vessels, it will allow of a liquid being poured in the vessels, without producing the unpleasant and sonorous noise attending the falling of the liquid, as is the case when no cover is used, or when a central-opening cover, such as now used with slop-pails, is used.

In my drawings, I have represented a slop-pail, A, to which my improved lid is applied, the said lid being capable of being applied to chambers, urinals, &c., much in the same manner.

My drawings represent a sectional elevation through centre of the slop-pail, and B represents my noiseless lid.

This lid B consists of the dish-shape, or concave, cover, having at top a flange, C, serving the purpose of supporting the same on or in the vessel with which it is to be used.

At or near the bottom of the depressed bottom, D, of the lid B is a hole, E, under which is fastened a lip or spout, S, extending gradually downward and away from the centre to the circumference of the lid B.

The advantage of this arrangement is obvious. If no lid were used in the slop-pail, and a liquid be poured from P, as indicated by the arrow, it would have to fall to the bottom of the pail, or to the level of the liquid therein, producing a noise, and disturbing the whole liquid in the pail, thereby evolving more rapidly any smell therefrom. Or, in the case of the central-opening lid, now so generally used on slop-pails, as the liquid is poured upon the lid it rattles down in a noisy shower from the centre opening of the lid to the bottom of the pail, producing, if possible, more noise than when no lid is used.

With my improved lid, the liquid, on arriving in the depressed bottom, D, of the lid B, passes off quietly by the hole E through the inclined spout S, and, spreading into a thin sheet, runs down against the side of the pail A until it reaches the bottom thereof, in a noiseless and inoffensive manner. The same operation takes place if my improved noiseless lid is applied to chambers, urinals, &c., and I trust it is clearly understood without further illustrations.

What I claim as my invention, is—

The lid B, having a depressed bottom, D, hole E, and spout S, arranged so as to operate substantially in the manner and for the purpose set forth.

W. B. SAWYER. [L. S.]

Witnesses:

JOHN SILSBY, Jr.,

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