

(No Model.)

S. E. POWELL, Jr.
COMBINED DIPPER AND FUNNEL.

No. 579,895.

Patented Mar. 30, 1897.

FIG. 1.

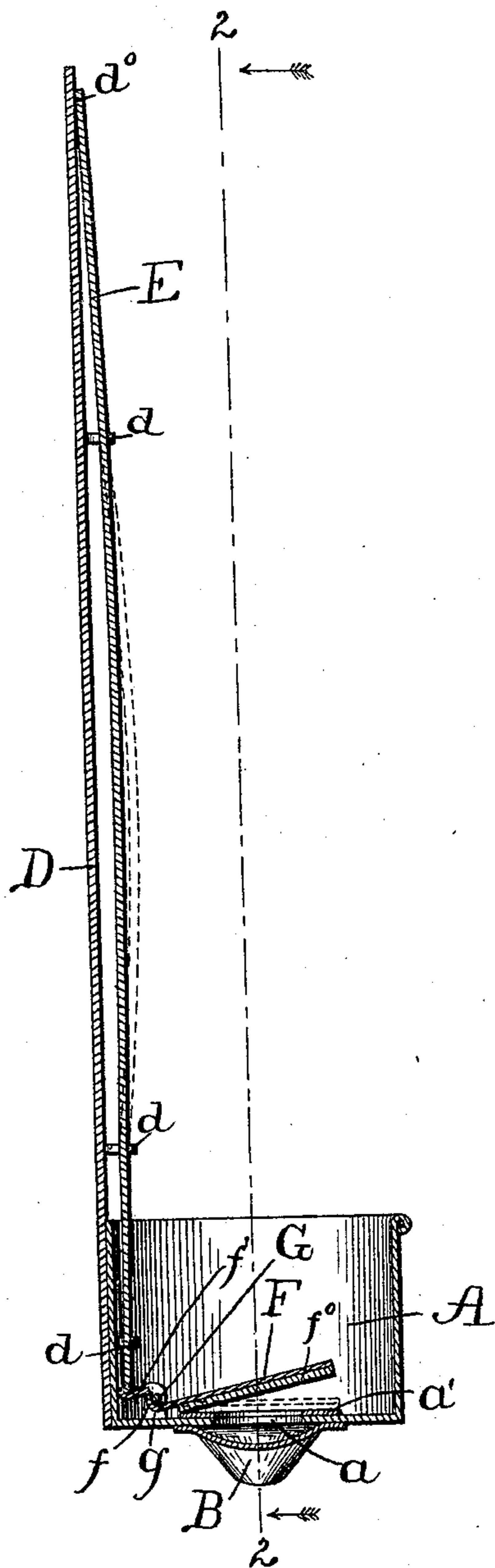
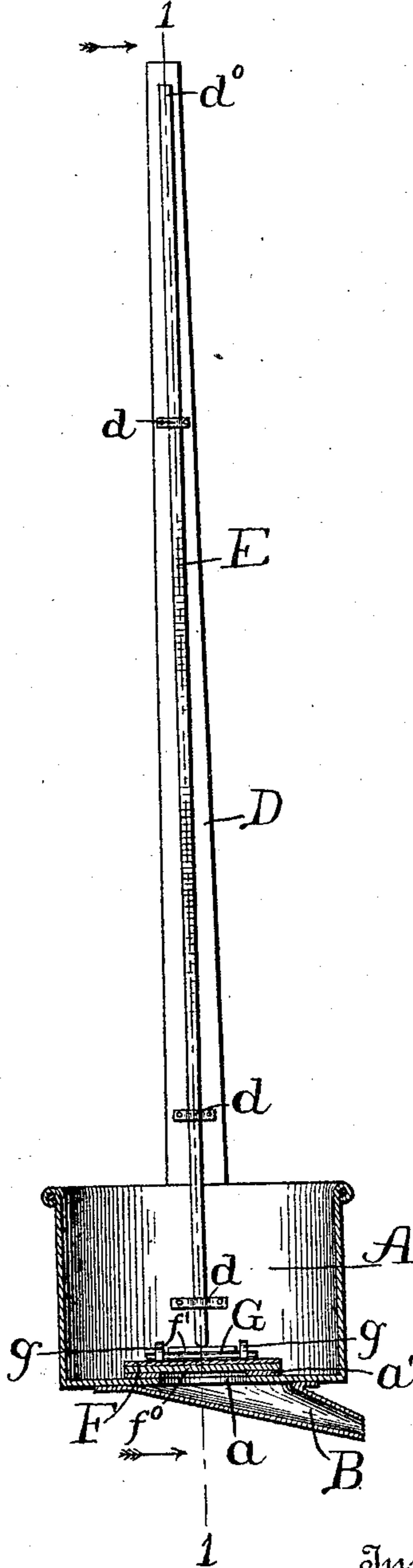


FIG. 2.



Witnesses
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UNITED STATES PATENT OFFICE.

SETH E. POWELL, JR., OF NEWBURG, NEW YORK.

COMBINED DIPPER AND FUNNEL.

SPECIFICATION forming part of Letters Patent No. 579,895, dated March 30, 1897.

Application filed November 6, 1896. Serial No. 611,268. (No model.)

To all whom it may concern:

Be it known that I, SETH E. POWELL, Jr., a citizen of the United States, residing at the city of Newburg, in the county of Orange and State of New York, have invented a new and useful Combined Dipper and Funnel, of which the following is a specification.

My invention relates to a combination dipper and funnel which can be used to transfer liquids from large vessels to small ones, such as from milk-cans to bottles, and for kindred purposes without the use of an extra funnel.

The invention consists especially in a certain arrangement of valve and the mechanism for operating the same.

Reference is had to the accompanying drawings, in which similar letters refer to similar parts throughout both views.

Figure 1 represents a central vertical section along the line 1 1 of Fig. 2 and looking in the direction of the arrows, and Fig. 2 represents a section along the line 2 2 of Fig. 1 and looking in the direction of the arrows.

A represents the cup or basin of the dipper, which is provided with the bottom opening *a*, which opening is provided with the valve-seat *a'*. Beneath the opening a spout B is provided.

D represents the handle, which is preferably made of tin of the ordinary construction and soldered or otherwise secured to the cup or basin of the dipper. This handle D is preferably provided with a plurality of guide-loops *d*, through which the valve-operating rod E passes. The valve-operating rod E is soldered or otherwise secured to the handle D, as at *d*⁰, while the free end passes downward and engages the short arms *f'* of the valve F, which valve is preferably pivoted on the rod G between the stanchions, the said valve being bent, as at *f*, to engage beneath the rod G. The valve F is preferably provided with a facing *f*⁰, so as to make a tight joint when the valve rests on its seat, where it will remain by its own weight under normal conditions.

The operating-rod E is bent somewhat and resilient, so that when in its normal position, as indicated in the dotted lines in Fig. 1, it will be drawn up clear of the short arm *f'* of the valve F; but by simply pressing this rod E toward the handle D to the position shown in Fig. 1, which result could be readily effected by pressing on the same with the thumb or one of the fingers of the hand holding the handle D, the lower end of this valve-operating rod is pressed down on the arm *f'* of the valve, lifting the valve, as indicated in Fig. 1.

It will thus be seen that an exceedingly cheap, simple, and easily-operated device is obtained, whereby the valve may be allowed to drop on its seat or may be raised when desired.

Having thus described my invention, what I claim, and desire to secure by Letters Patent of the United States, is—

1. In a device of the character described, the combination with a perforated dipper or basin, a pivoted valve normally closing the same and provided with an arm projecting beyond the pivot, a handle projecting upward from said basin, and a bent rod made of resilient material running alongside the handle and normally just out of engagement with the short arm of said valve, substantially as described.

2. In a device of the character described, the combination with a perforated dipper or basin, with an opening in the bottom thereof and having a funnel beneath said opening, a pivoted valve normally closing the same and provided with an arm projecting beyond the pivot, a handle projecting upward from said basin, and a bent rod made of resilient material running alongside the handle and normally just out of engagement with the short arm of said valve, substantially as described.

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