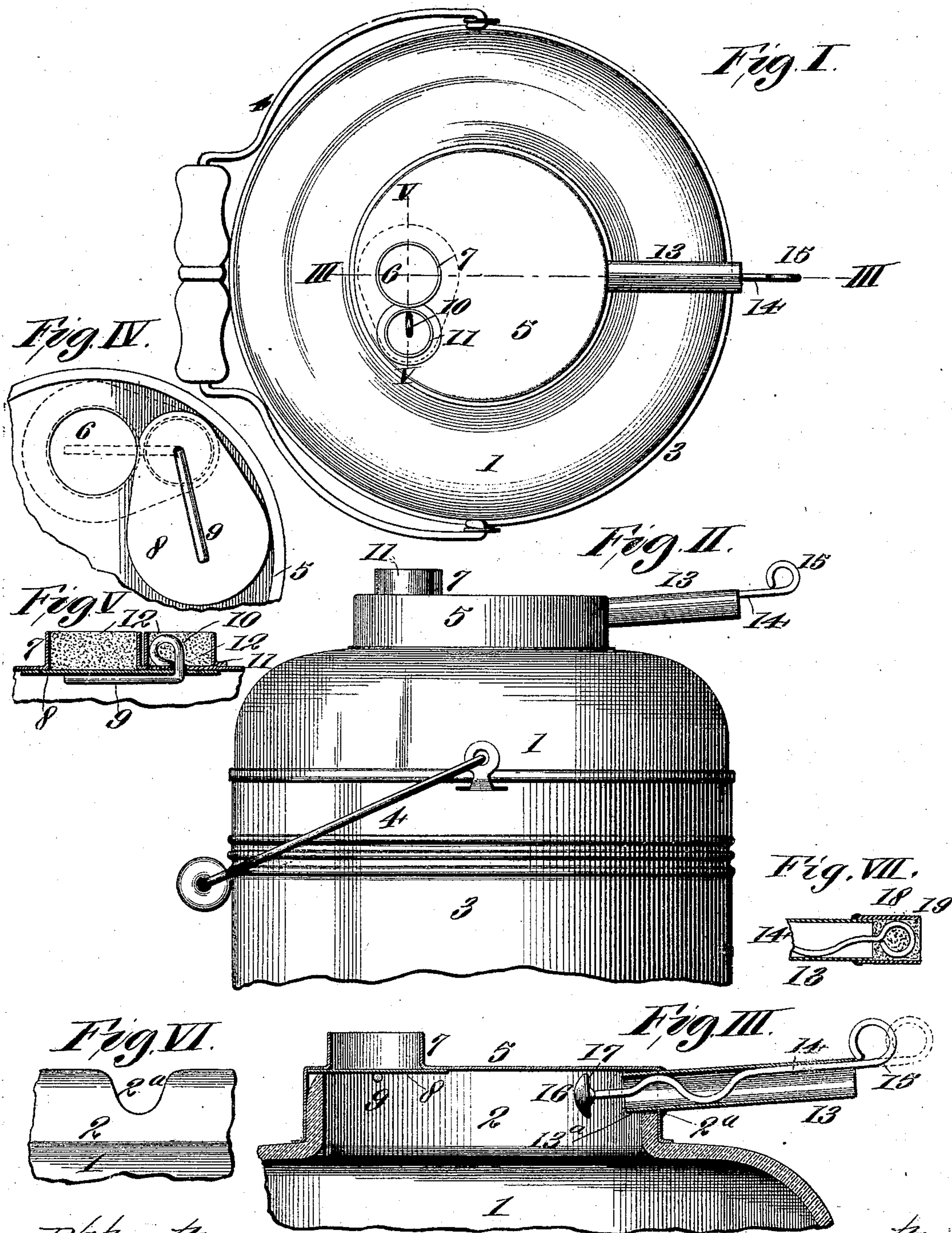


(No Model.)

R. W. GILLESPIE.
SPOUTED CAN.

No. 576,051.

Patented Jan. 26, 1897.



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UNITED STATES PATENT OFFICE.

ROBERT W. GILLESPIE, OF ST. LOUIS, MISSOURI.

SPOUTED CAN.

SPECIFICATION forming part of Letters Patent No. 576,051, dated January 26, 1897.

Application filed January 27, 1896. Serial No. 577,039. (No model.)

To all whom it may concern:

Be it known that I, ROBERT W. GILLESPIE, a citizen of the United States, and a resident of the city of St. Louis, in the State of Missouri, have invented a certain new and useful Improvement in Spouted Cans, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part of this specification.

My invention relates to an improvement in spouted cans, and has for its object the construction of a can of such nature that it may be used as a household-can or a shipping-can; and my invention consists in features of novelty hereinafter fully described, and pointed out in the claims.

Figure I is a top view of my improved can. Fig. II is a side elevation of the upper portion of the can. Fig. III illustrates a vertical section taken on line III III, Fig. I. Fig. IV is an enlarged detail view of the under side of a portion of the can-top. Fig. V illustrates a section taken on line V V, Fig. I, showing the application of a protective plastic substance over the inlet-valve of the can. Fig. VI is a detail view of a portion of the body of the can, showing recess in top of body for the reception of the discharge-spout. Fig. VII illustrates a longitudinal section of the discharge-spout, showing the application of a protective plastic substance over the end of the spout.

In the drawings, 1 designates the body of the can, provided with a neck 2, which can may be of the form shown in the drawings or of any other common form. The can shown is incased in a jacket 3, provided with a bail 4. No novelty, however, is herein claimed in these, and they form no part of my invention.

5 designates the top of the can, in the form of a cap, which is preferably stamped from a single sheet of metal, and is secured to the neck 2 by any ordinary mode of fastening, such as the application of plaster-of-paris.

In the rear portion of the top 5 is an inlet-opening 6, through which the can is filled, and surrounding this opening is an annular flange 7, preferably struck from the material of the top 5, the purpose of which will be hereinafter explained.

8 designates a plate-valve pivotally connected to the can-top by means of a support-

ing-wire 9, that is soldered or otherwise suitably secured to the valve, and the free end of which extends through the can-top to its upper surface, where it is provided with a loop 10, by means of which the valve may be turned to open or close the inlet-opening 6. Surrounding the loop 10 is a ring, the purpose of which will be explained in connection with that of the annular flange 7.

In filling the can the inlet 6 is opened by turning the loop 10 until the valve 8 is moved from the position indicated by dotted lines, Fig. IV, to that illustrated in full lines, same figure, when the valve is entirely out of the way, and a funnel may be introduced through the inlet.

In employing the can as a shipping vessel it is necessary to effectually seal the inlet-opening 6 and protect the valve-operating loop in such manner that it may not be tampered with to open the valve and allow waste of the contents of the can. It is at this time that the annular flange 7 and ring 11 are of utility. To seal the inlet-opening and protect the valve-operating loop, I introduce within the flange and ring a plastic substance 12, such as plaster-of-paris, (see Fig. V,) which, being introduced in a soft condition, when hardened is effective for the purpose intended until such time as the can is to be opened for use, when it may be readily removed.

13 designates a discharge-spout secured in the front of the top 5, the inner end 13^a of which extends through the top into the interior of the can. For the purpose of permitting the end 13^a of the spout entering the can a recess 2^a is formed in the neck 2 of the can.

14 designates a rod fitting in the spout 13. This rod is bent into serpentine form in order to cause it to bear against opposite sides of the interior of the spout for the purpose of causing it to retain the position in which it may be placed. The outer end of this rod is bent into a loop 15, by means of which the rod may be moved, and on the inner end of the rod is a disk valve 16, provided with a soft surface 17, arranged to contact with the inner end of the spout 13 to close the passage-way through the spout from the interior of the can, while when it is desired to open the passage-way to pour the contents from the can

the valve is removed from contact with the spout by pressing inward upon the loop 15 of the rod 14. In whichever position the valve is placed it remains by reason of the bearing 5 between the serpentine rod 14 and the interior of the spout.

In Fig. VII, I have shown the application of a tube 18, soldered or otherwise suitably secured to the outer end of the spout 13 and 10 filled with plastic substance 19 for the purpose of preventing tampering with the valve in employing the can for shipping.

I claim as my invention—

1. A can comprising a body, the top having 15 an inlet-opening and fitting over the body, a plate-valve located within the top beneath the inlet-opening, a wire on which the plate-valve is supported, extending through the top and provided with a loop at its outer end; 20 substantially as described.

2. A can comprising a body, the top having

an inlet-opening and fitting over the body, a plate-valve located within the top beneath the inlet-opening, a flange surrounding the inlet-opening providing a receptacle for seal- 25 ing composition, a wire, on which the plate-valve is supported, extending through the top and provided with a handle at its outer end; substantially as described.

3. In a can, the combination of a top pro- 30 vided with an inlet-opening, a valve arranged to close said opening, a wire secured to said valve, and movably seated in said top, said wire being provided with a loop by means of which said valve may be operated, a flange 35 surrounding said inlet-opening, and a ring surrounding said loop, substantially as and for the purpose set forth.

ROBERT W. GILLESPIE.

In presence of—

E. S. KNIGHT,
W. FINLEY.