(No Model.)

S. R. BILLUPS.

CAN FOR MOLASSES, &c.

No. 376,064. Patented Jan. 10, 1888.

Fig. 1.

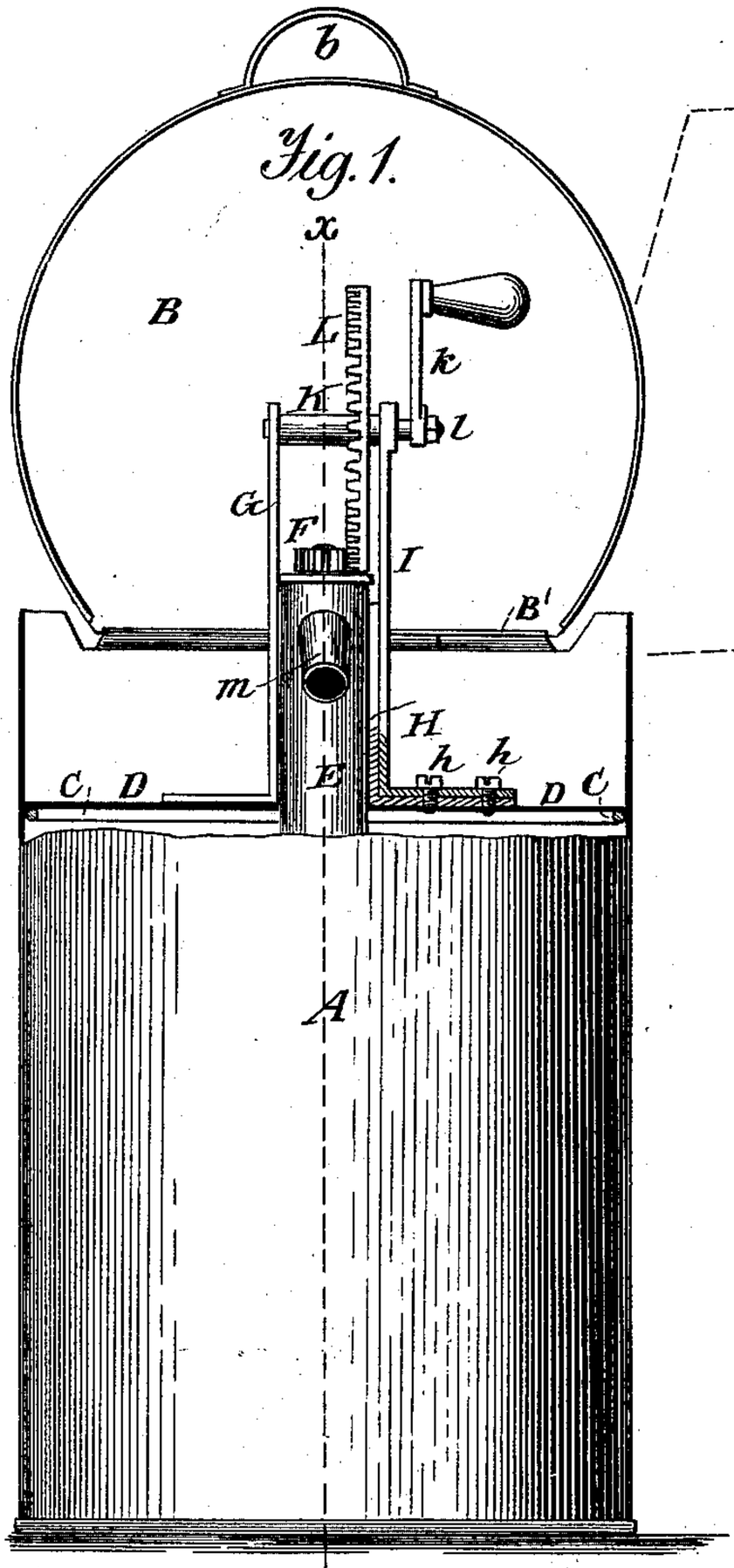


Fig. 2.

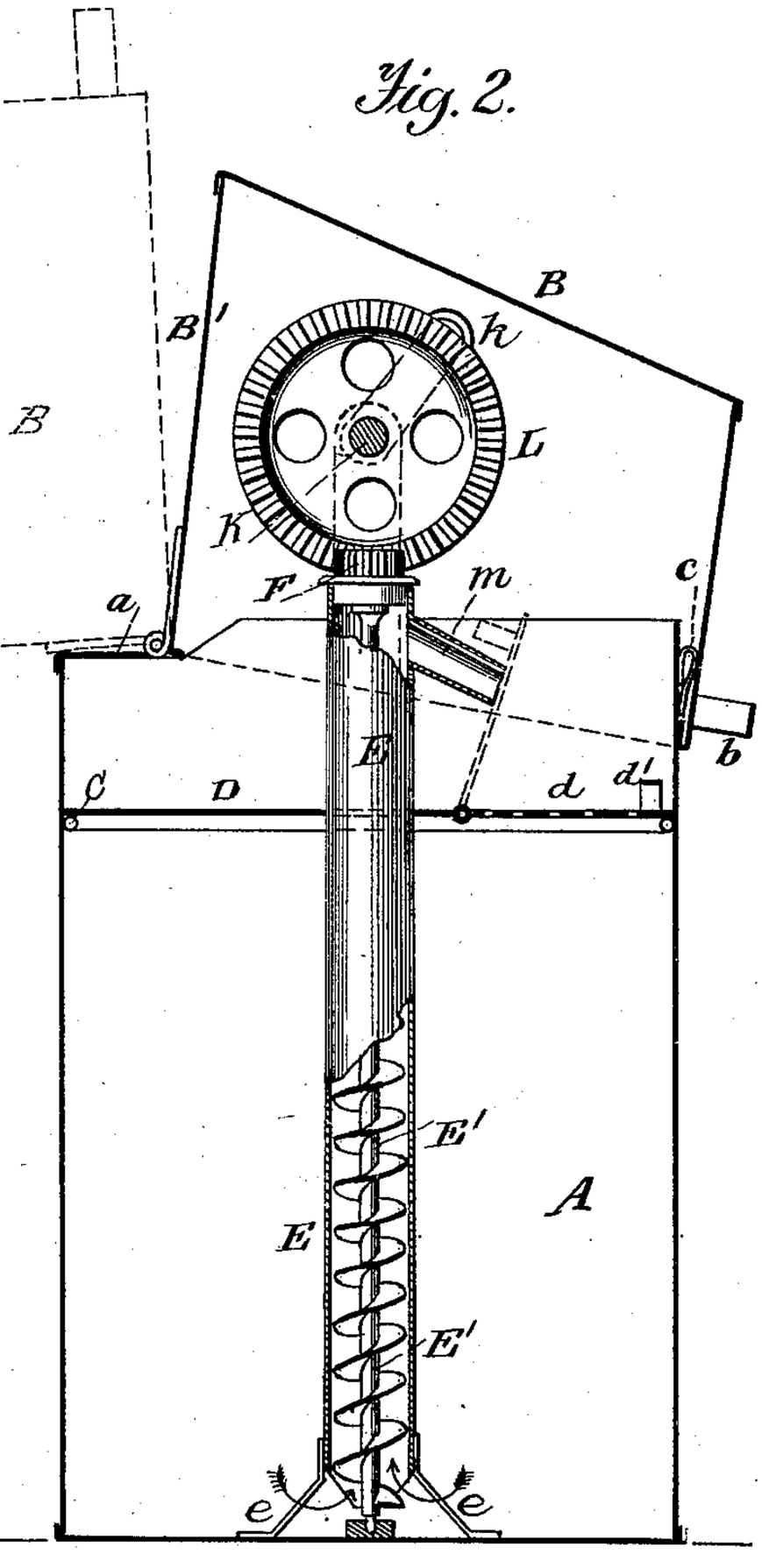
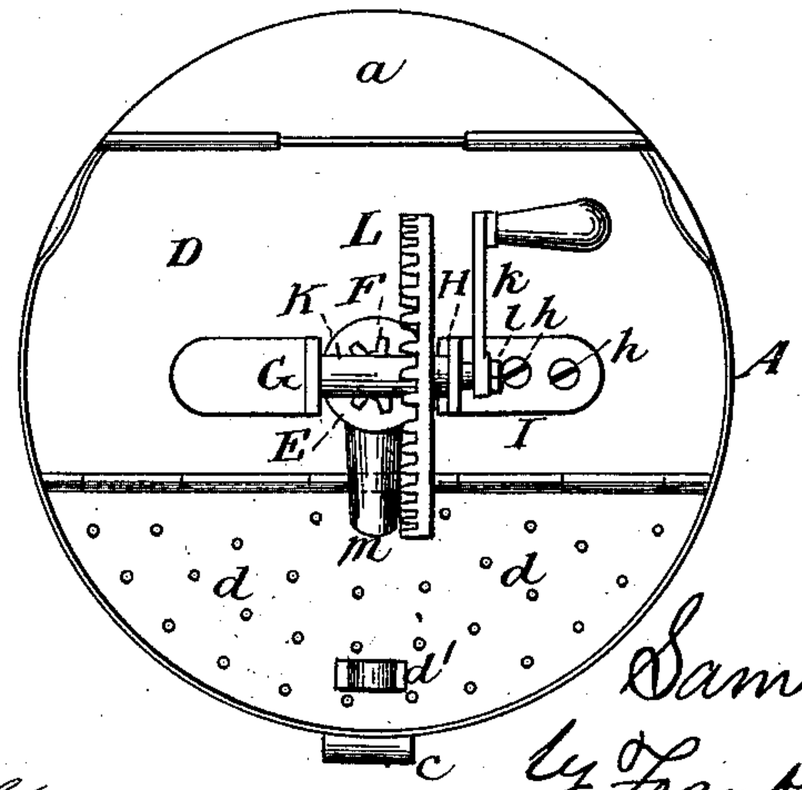


Fig. 3.



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UNITED STATES PATENT OFFICE.

SAMUEL R. BILLUPS, OF BALTIMORE, MARYLAND, ASSIGNOR OF ONE-HALF TO CHARLES H. WHITE, OF SAME PLACE.

CAN FOR MOLASSES, &c.

SPECIFICATION forming part of Letters Patent No. 376,064, dated January 10, 1888.

Application filed May 6, 1887. Serial No. 237,332. (No model.)

To all whom it may concern:

Be it known that I, SAMUEL R. BILLUPS, a citizen of the United States, residing at Baltimore, in the State of Maryland, have invented certain new and useful Improvements in Cans for Molasses and other Liquids; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

This invention relates to cans of that class used for storage—that is, in which cider, molasses, oil, or the like articles are kept, and from which the same is drawn as occasion may require.

Cans—oil-cans, for instance—have been provided with pumps by which the oil was withdrawn as wanted; but the pumps heretofore used for this purpose have been the common piston or suction pump, and while such have proved efficient for raising coal-oil and other liquids, they have been found almost, if not entirely, useless for raising molasses and the heavier oils and other liquids.

The object of my invention is therefore to provide a can which can be used for molasses and other heavy liquids of a similar nature, and while it is intended more particularly for molasses, I do not intend to limit myself to such use, as of course it can be employed for oil and other liquids.

To the end above outlined the invention consists in the peculiar combinations and the novel construction, arrangement, and adaptation of parts, all as more fully hereinafter described, and then specifically pointed out in the claim.

In the accompanying drawings, Figure 1 represents a front elevation of a can constructed in accordance with my invention, with the cover thrown back and parts broken away. Fig. 2 is a central vertical section on the line *x x* of Fig. 1. Fig. 3 is a plan view with the cover removed.

Referring to the details of the drawings, A designates a can-body, preferably cylindrical and of tin, though not necessarily so. To the top and rear of this body is secured the ledge *a*, to the front edge of which is hinged the cover or cap B, the rear side, B′, of which is vertical or straight, as shown, so that when the cap is turned back, as shown in Fig. 1 in full lines, the said rear side finds a flat bearing on the ledge *a*, and thus the hinge is relieved of the strain. The cover is provided with a handle, *b*, by which it is manipulated.

It will be noticed that the ledge *a* is on a lower plane than the top edge of the front part of the body of the can, and that the top edge of the body is beveled slightly in front of the said ledge, and also that the diameter of the top or cap is slightly greater than that of the body, so that when the cover is brought down, as shown in dotted lines in Fig. 1, it fits snugly over the body, in which position it is held by a spring-catch, *c*, on said body, near the top thereof, thus making a water-tight joint, which is important when it is desired to transport the can filled with liquid.

Around the inside of the can, near the top thereof, is a rim or wire, C, supported upon which is a shelf or platform, D, the front portion, *d*, of which is hinged to the rear portion, and is provided with suitable means, as the handle *d′*, by means of which said hinged portion is manipulated, when desired. This hinged portion is also perforated, as shown, for the purpose hereinafter described.

Through an opening in the center of the platform is passed the tube E, closed at its top, but open at the bottom, the bottom end of said tube being secured to the bottom of the can in any suitable way, preferably by the strips *e*, as shown, leaving openings for the liquid to pass into said tube. Within this tube is arranged a screw, E′, secured to the upper end of which, above the top of the tube, is a pinion, F.

G is a standard secured to the top of the platform D, and extends up along one side of the tube E. On the opposite side of the tube is a short standard, H; and I is a standard similar to the standard G, and removably secured to the standard H by the screws *h*. Suitably journaled in the upper ends of the standards G I is a shaft, K, carrying a pinion, L, which meshes with a pinion, F. The shaft is provided with a handle, *k*, removably se-

cured thereto by a screw, *l*, by the removal of which and the screws *h* the standard I, the shaft, and the pinion L may be removed when desired.

The tube E is provided with a spout, *m*, through which the liquid raised by the screw is discharged, and this spout is set at such an inclination that when the hinged portion *d'* is thrown up to examine the interior of the can said portion fits close against the mouth of said spout and entirely prevents the escape of any liquid that passes out of the spout, but does not fall into the receptacle placed thereunder, and finds its way through the perforations in the portion *d* back into the can.

Having thus described my invention and set forth its merits, what I claim as new, and desire to secure by Letters Patent, is—

The combination, with the can-body, the platform D, supported therein near the top and having a perforated hinged portion, *d*, and the tube E, arranged centrally and vertically within said body with its upper end extended above said platform, of the screw E', arranged within said tube, pinion F in the upper end of said screw, the standards G, H, and I, secured to the top of said platform and extending alongside the portion of said tube above the platform, the shaft K, journaled in the upper ends of said standards G I, a pinion, L, on said shaft meshing with the pinion F, means for rotating the same, and a discharge-spout for said tube, all substantially as and for the purpose specified.

In testimony whereof I affix my signature in presence of two witnesses.

SAMUEL R. BILLUPS.

Witnesses:

THOS. M. MORRIS,

WM. H. MASSON.