E. N. PORTER & M. B. EATON.

Milk-Cooler.

No. 165,364. Patented July 6, 1875

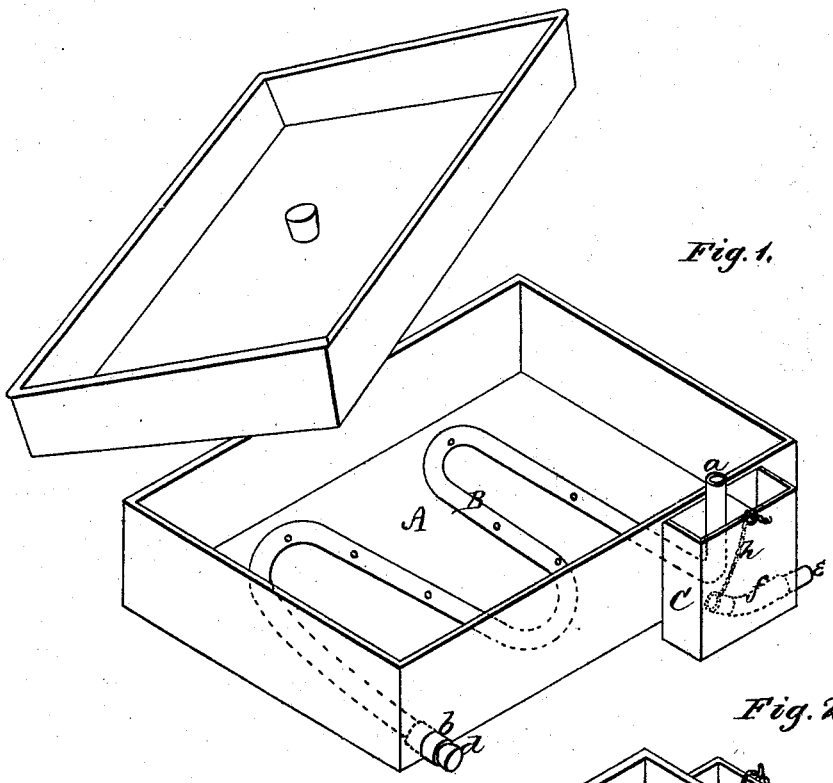
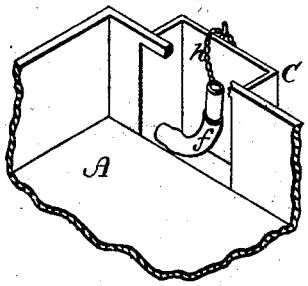


Fig. 1.

Fig. 2.



WITNESSES

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EDWARD N. PORTER AND MELVILLE B. EATON, OF MORRISVILLE, VT.

IMPROVEMENT IN MILK-COOLERS.

Specification forming part of Letters Patent No. **165,364**, dated July 6, 1875; application filed January 28, 1875.

To all whom it may concern:

Be it known that we, EDWARD N. PORTER and MELVILLE B. EATON, of Morrisville, in the county of Lamoille, and in the State of Vermont, have invented certain new and useful Improvements in Milk-Coolers; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings and to the letters of reference marked thereon, making a part of this specification.

The nature of our invention consists in a device for regulating the height of the water in milk-coolers, and also in the construction of the cooler, as will be hereinafter more fully set forth.

In the annexed drawing, Figure 1 is a perspective view of a milk-cooler embodying our invention. Fig. 2 is a detailed view of a part thereof.

A represents an ordinary milk-cooler, with tortuous perforated pipe B placed in the bottom thereof, for the admission of water, which passes into the end *a* of said pipe. The other end of the perforated pipe B is inserted in a short tube, *b*, fastened in and passing through the side of the cooler. This end of the pipe is closed from the outside by a plug, *d*. If the pipe B should become dirty, or the perforations be clogged, water is allowed to accumulate in the cooler till the pipe is perfectly covered, when the plug *d* is taken out, and the water from the pipe will pass out through this end. The back suction of the water from the cooler into the pipe will soon clear the holes, and the pipe will also soon become free of dirt; the plug *d* is then inserted again. On the side of the cooler A is formed a pocket, C, in which the water stands the same height as in the cooler. In this pocket is the outlet-pipe *e*, having a flexible pipe, *f*, attached to its inner end. This pipe is supported by a chain, *h*, in such a manner as to hold its inner or free end at any desired elevation, and thereby regulating the height of the water in the cooler with a single outlet.

Having thus fully described our invention, what we claim as new, and desire to secure by Letters Patent, is—

1. An adjustable flexible pipe attached to the inner end of the outlet-pipe of a milk-cooler, for regulating the height of the water in the cooler, as herein set forth.

2. The combination, with the milk-cooler A, tortuous perforated pipe B, having short tube *b*, and upward-bent pipe *a*, of the pocket C, outlet-pipe *e*, flexible pipe *f*, and chain or cord *h*, all constructed substantially as set forth.

In testimony that we claim the foregoing, we have hereunto set our hands this 12th day of December, 1874.

EDWARD N. PORTER.
MELVILLE B. EATON.

Witnesses:
L. G. SPAULDING,
B. J. SPAULDING.