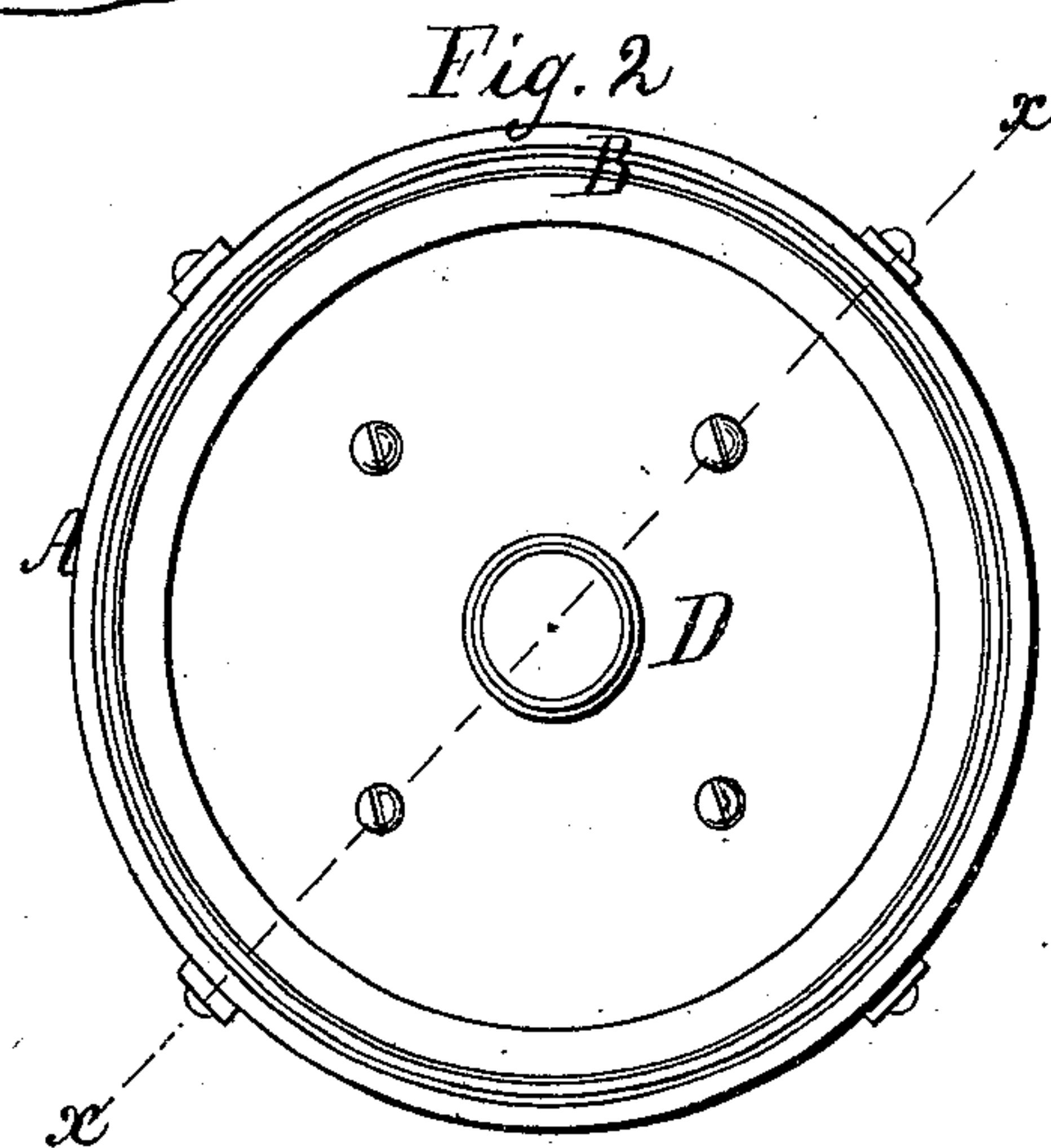
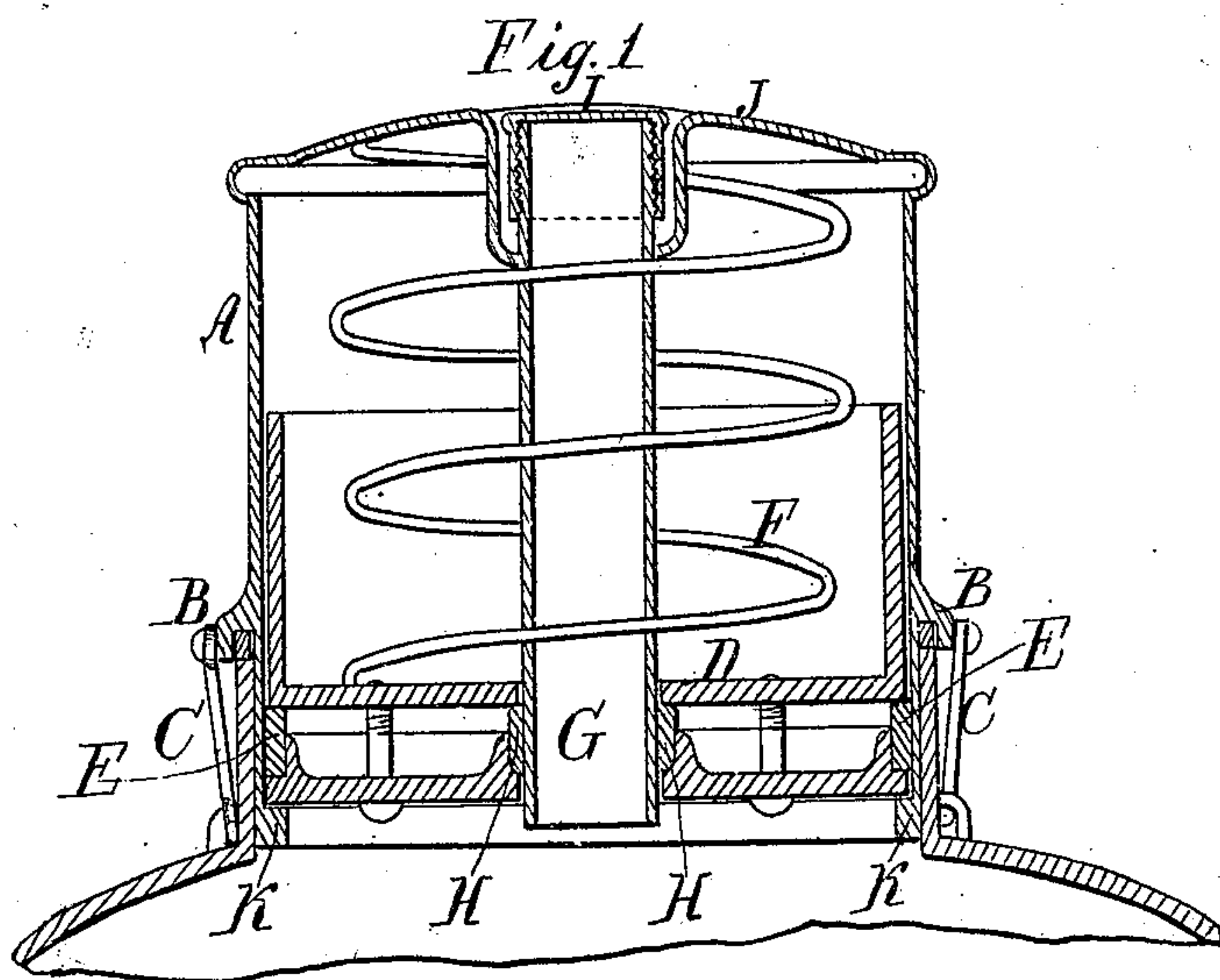


J. M. Burghartt.
Milk-Can Stopper.

N^o 93,171.

Patented Aug. 3, 1869.



Witnesses

Wm. K. Brooks
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Inventor

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United States Patent Office.

JOHN M. BURGHARTT, OF GREAT BARRINGTON, MASSACHUSETTS.

Letters Patent No. 93,171, dated August 3, 1869.

IMPROVEMENT IN MILK-CAN STOPPERS.

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, JOHN M. BURGHARTT, of Great Barrington, in the county of Berkshire, and State of Massachusetts, have invented a new and useful Improvement in Milk-Can Stopper; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

This invention relates to a new and useful improvement in stoppers to milk-cans, whereby all motion in the milk is prevented; and

The invention consists in the combination and arrangement of parts, as will be hereinafter fully described.

In the accompanying plate of drawings—

Figure 1 represents a vertical section of the stopper through the line *xx* of fig. 2.

Figure 2 is a view of the bottom of the stopper.

Similar letters of reference indicate corresponding parts.

A is the case of the stopper, which is packed on to the upper rim of the neck of the can, as seen at the point B.

The can is seen in red color, and the stopper is fastened thereto by the detachable hooks C, (more or less in number.)

D is a piston, which works tight in the case, by means of elastic packing E, and is forced downward, by means of the spiral spring F, with a constant pressure.

G is a central tube through the stopper, and the piston is packed on this tube, as seen at H.

The tube G is closed at its upper end by means of a cap, I, which fits tightly over the tube by a screw-thread or otherwise.

J is the top of the stopper, which is fast to the case A.

On the inside of the case A, at its extreme bottom, is a ring, K, for stopping the piston.

When the can is filled with milk, the stopper is fastened on by means of the hooks C.

The cap I is removed, and the can and tube G are entirely filled, and the cap is replaced. Now, as the piston allows no milk to pass it, (being tightly packed in the case,) it will be seen that there can be no motion of the milk within the can.

It is a fact well known to milkmen, that in consequence of the agitating or churning of the milk, in being taken to market, a very great loss is sustained, as the tendency of the milk to sour is much increased thereby.

The elastic piston D allows of the expansion and contraction of the milk from the natural changes of the temperature, and still keeps the can entirely full. The perfect success of my stopper would otherwise be prevented, as a reduction of temperature would reduce the bulk, and leave room for agitating or churning.

The piston adjusts itself to those variations, and leaves nothing to be desired in this respect.

Having thus described my invention,

I claim as new, and desire to secure by Letters Patent—

The combination of the piston D, provided with the packing E H, the spring F, and tube G, with the case or neck A of a milk-can, all arranged substantially as herein shown and described, for the purpose specified.

The above specification of my invention signed by me, this 19th day of April, 1869.

Witnesses: JOHN M. BURGHARTT.

FRANK BLOCKLEY,

ALEX. F. ROBERTS.