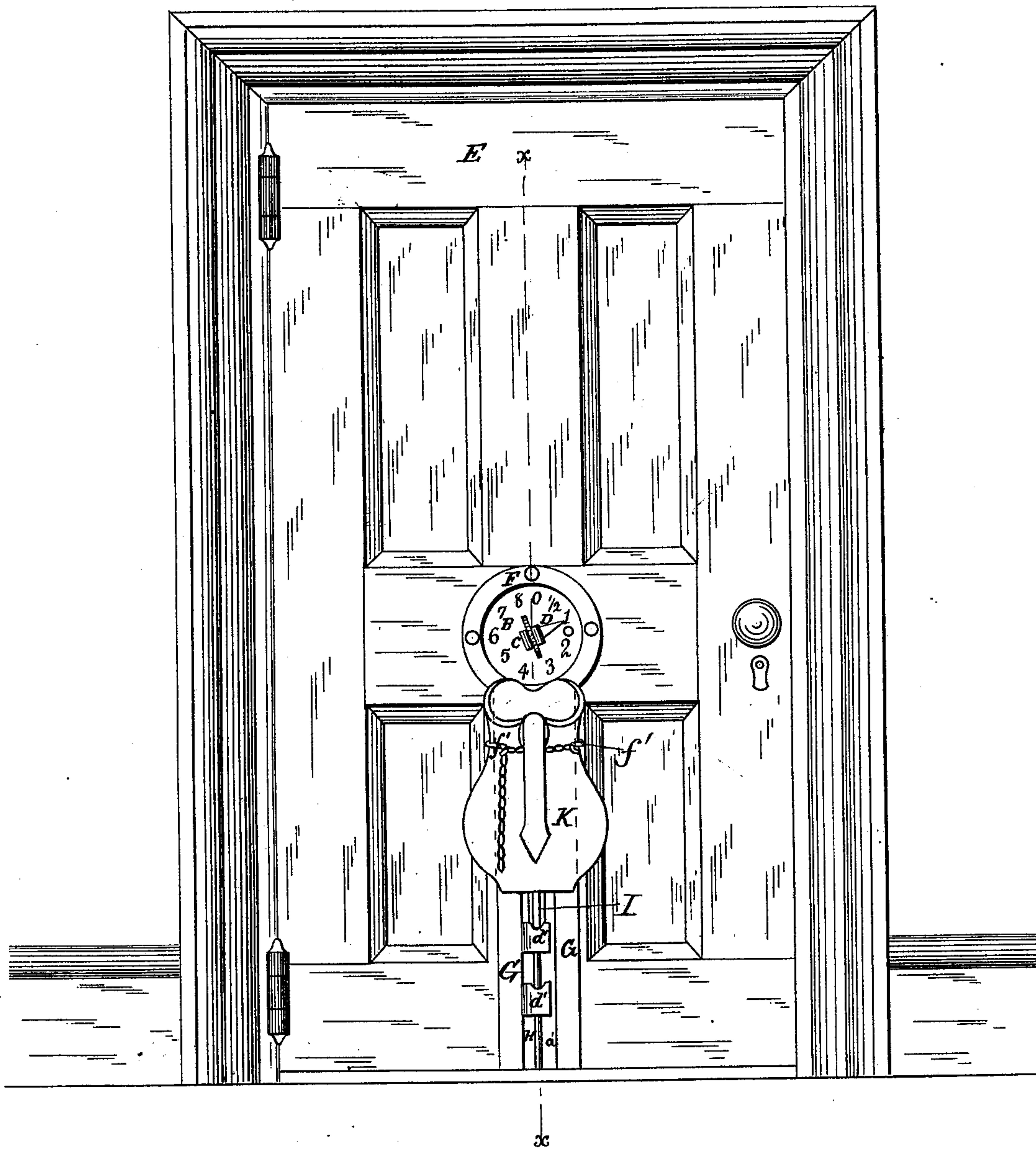


F. DONALDSON.
Milk-Receiver.

No. 214,893.

Patented April 29, 1879.

Fig. 1.



WITNESSES:

Henry N. Miller
C. Sedgwick

INVENTOR:

F. Donaldson

BY

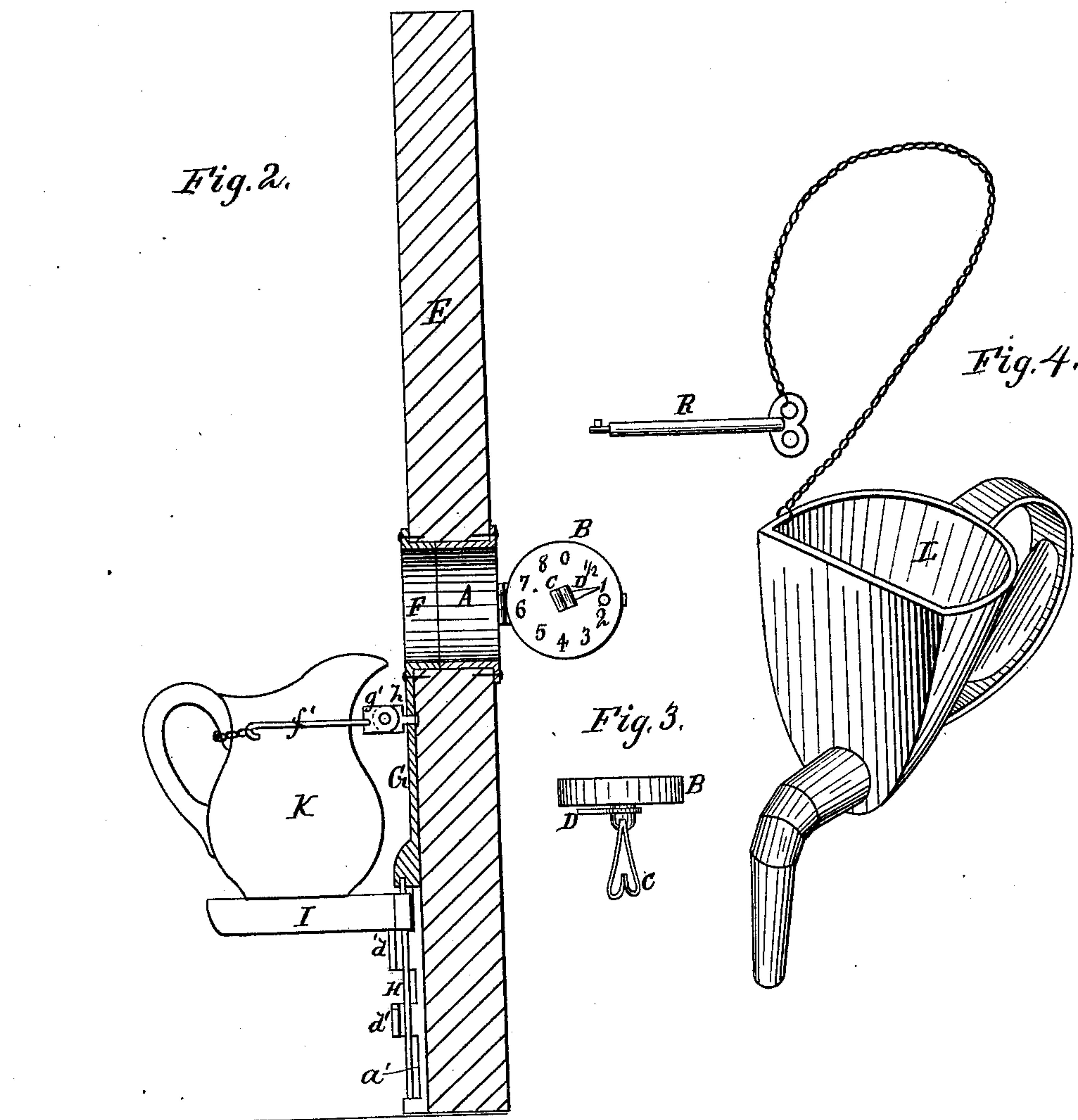
Munn & Co.

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UNITED STATES PATENT OFFICE.

FRANK DONALDSON, OF NEW YORK, N. Y., ASSIGNOR TO HIMSELF AND
JOHN L. FRANCK, OF LOUISVILLE, KY.

IMPROVEMENT IN MILK-RECEIVERS.

Specification forming part of Letters Patent No. 214,893, dated April 29, 1879; application filed
March 7, 1879.

To all whom it may concern:

Be it known that I, FRANK DONALDSON, of the city, county, and State of New York, have invented a new and Improved Milk-Receiver, of which the following is a specification.

Figure 1, Sheet 1, is an elevation of the receiver attached to a door. Fig. 2, Sheet 2, is a vertical section on line *x x*, Fig. 1. Fig. 3 is a side view of the door of the receiver. Fig. 4 is a perspective view of the funnel and key.

Similar letters of reference indicate corresponding parts.

The object of this invention is to provide a device to be inserted in or attached to house-doors for the convenience of those supplying and those receiving milk.

The invention consists of a flanged ring or sleeve, A, made of metal, and about two and a half inches in diameter, more or less, on the flange of which is hinged a door, B, that is provided with a lock or catch for fastening it. Arranged in a circle on the inner face of the door B are the figures $\frac{1}{2}$, 1, 2, 3, &c., and the word "Pints" is stamped across the face, while in the center of the circle the cleft spring-holder C is pivoted to hold the milk-tickets or money, and on the same pin with the holder is a pointer, D, which is to be set to point to the figure denoting the number of pints of milk required. This ring or sleeve, with the door B, is to be fitted into an aperture in the house-door, E, at which the milk is delivered, so that the door B and the flange of the sleeve A shall appear on the outside of the door.

On the inside of the door, and fitting into the same aperture, is another flanged sleeve, F, with a downward-projecting leg, G, that reaches nearly or quite to the bottom of the door E. About half-way down this leg the metal is cut away, so as to leave a vertical slot, *a'*, and two or more ears, *d' d'*, that are slightly bent outward to admit the insertion of the rod H vertically in the slot, in which position it is held by being soldered or otherwise fastened at each end to the leg above and below the slot. Swinging upon this rod is the horizontal arm I, that may be adjusted at a higher or lower point, on which to rest the pail, pitcher, or other vessel, K, that is to receive the milk, while for further security the

hook and chain *f'*, that are held by the ear *g'*, that in turn is pivoted on the revolving lug *h*, hold the vessel so that it may not fall because of the opening or closing of the door E, or be accidentally knocked off the arm.

With this device applied to the door, the milk-consumer, in the evening or at any other convenient time, places the pitcher or other vessel upon the arm I, that shall be adjusted so that the receiving-vessel does not reach above the lower part of the aperture through the door, sets the pointer D to denote the quantity of milk required, and places within the holder C the money or ticket representing its value. Then when the milk-seller comes with the milk he unlocks the door B with the key R, notes the amount of milk required, takes the ticket or money therefor, and, inserting the bent spout of the funnel L through the aperture into the receiving-vessel, delivers the milk called for.

This device is designed for the advantage of the consumer and seller of milk. One, if it be used, will avoid much annoyance and exposure, while the other will avoid the serious loss of time and many other disagreeable matters incident to the ordinary methods of milk-delivery.

Having thus fully described my invention, I claim as new and desire to secure by Letters Patent—

1. The within-described device, consisting of sleeve A, having a door, B, provided with a lock, and having arranged on its inner face certain indicative figures, and springs C and pointer D, sleeve F, with leg G, that is provided with slot *a'* and ears *d' d'*, rod H, arm I, rod and chain *f'*, ear *g'*, lug *h*, funnel L, and key R, substantially as and for the purpose described.

2. In the construction of a milk-receiver, the sleeve A, with door B, that is provided with a lock-spring, C, and pointer D, in combination with the sleeve F, that is provided with a leg, G, that has a slot, *a'*, ears *d' d'*, rod H, and arm I, substantially as herein shown and described.

FRANK DONALDSON.

Witnesses:

C. SEDGWICK,
I. I. STORER.