(No Model.)

C. M. WILKINS.

MILK RECEIVER.

No. 564,131. Patented July 14, 1896.

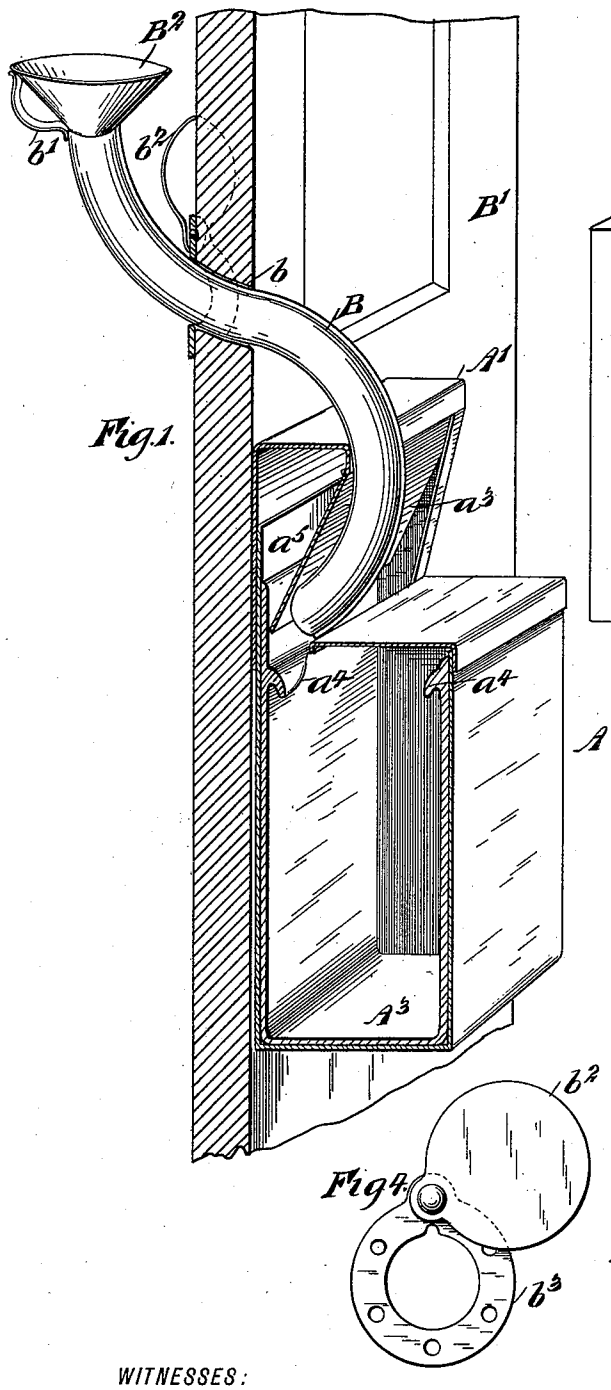

Fig. 1.

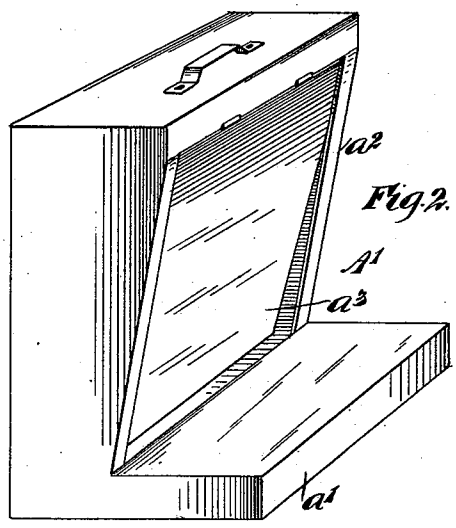

Fig. 2.

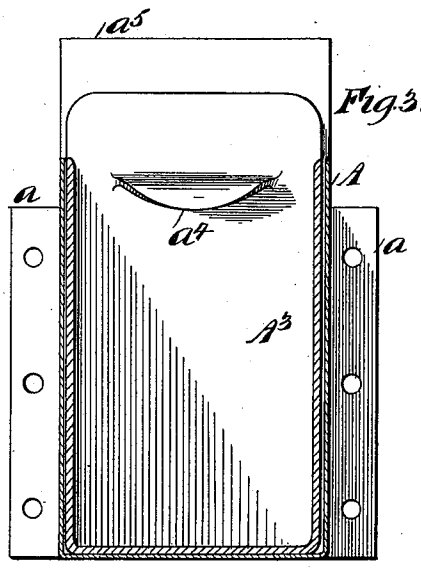

Fig. 3.

Fig. 4.

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UNITED STATES PATENT OFFICE.

CHARLES M. WILKINS, OF WILMINGTON, DELAWARE.

MILK-RECEIVER.

SPECIFICATION forming part of Letters Patent No. 564,131, dated July 14, 1896.

Application filed February 28, 1896. Serial No. 581,192. (No model.)

To all whom it may concern:

Be it known that I, CHARLES M. WILKINS, of Wilmington, in the county of Newcastle and State of Delaware, have invented new and useful Improvements in Milk-Receivers, of which the following is a full, clear, and exact description.

This invention relates to devices designed to be placed within a house, and adapted to receive milk poured through a funnel from the outside of the house, and the main object is to provide such a receptacle that can not be tampered with by persons on the outside of the house, and in which the contents may be wholly protected from dirt or dust.

A further object is to provide a device for this purpose which is comparatively cheap, and therefore within the reach of all, and which may be easily cleaned when required.

I will describe a milk-receiver embodying my invention, and then point out the novel features in the appended claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a sectional perspective view of the device embodying my improvement. Fig. 2 is a similar view of a removable top portion of a container for the milk-receiver. Fig. 3 is a vertical section showing the fixed portion of the container of the milk-receiver; and Fig. 4 is a plan view of a cover employed for covering a hole through the door or other structure to which the device is to be applied, the said cover serving to exclude dirt or dust or the elements from the device.

Referring to the drawings, A designates a box-like receptacle open at its top, and adapted to be secured to the inner side of the door of a building, as here shown by means of screws passing through perforations in flanges a, extended laterally from the receptacle.

A′ is the upper portion of the receptacle, having a horizontal portion a' adapted to fit over the top of the receptacle A in the form of a cover, and having a vertical portion a^2, with an open front normally closed by a door a^3, hinged at its top to the upper portion of the vertical portion a^2, so as to swing with its lower end inward.

It will be seen that the door a^3 is hung at a downward and an inward angle, so that it will automatically close when relieved of the pressure applied for opening it. The parts so far described may be made of any suitable material, such, for instance, as sheet metal, iron, or wood may be employed.

Within the receptacle A is designed to be placed a milk-receiver A^3, consisting of any desired material, such as glass, porcelain, or agate ware. In the upper portion of the opposite walls this milk-receiver A^3 is provided with inwardly-extended flanges a^4, which will serve as handles for the purpose of placing the receiver within the receptacle A, and removing it therefrom.

B designates a tube adapted to be passed through an opening b, made in the door B′ for the purpose of conveying milk to the receptacle A^3. This tube is curbed from end to end, or is substantially of **S**-form. The inner end, however, has a greater curve than the other end, so that it may extend over the vertical portion a^2 of the receptacle part A′, as indicated in Fig. 1. The outer end of the tube B is provided with a funnel B^2, and also with a handle b'. In order to prevent the entrance of dust or dirt through the opening b, I provide a swinging cover b^2, having pivotal connection with a ring b^3, secured to the outer side of the door and surrounding the opening b.

It is to be understood that the person delivering the milk will retain the tube B in his possession, or carry it from place to place, where devices of this character are used. When it is desired to pour milk into a receiver, the milkman will insert the tube B through the opening b, and the lower end of said tube will come in contact with the lower portion of the outer side of the swinging door a^3 and force the same open, and when in this position the end of the tube B will be in communication with the interior of the milk-receiver, so that the milk may be poured therefrom through the funnel B^2.

It will be seen that the rear wall of the receiver A^3 extends upward above the end of the tube B when said tube is in position, so that the milk will be prevented from flowing over to the outer side of the said receiver. The rear wall of the receptacle A is also extended upward, as indicated at a^5, above the

mouth of the tube. The object of this, however, is to merely serve to receive the stream of milk should the receiver A^3 be accidentally omitted from the device.

In practice it may be advisable to place a mark on the tube B to indicate the distance the tube is to be inserted. This may be done by forming a shoulder on the tube or by painting a band thereon.

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

1. A milk-receiver, comprising a receptacle adapted to be secured to the inner side of a building, a removable top for said receptacle, said removable top having a vertical portion open at its front, a swinging door for said opening, and a curved milk-tube adapted to be inserted through an opening in the wall or door of a building, and engage its lower end with the swinging door to open the same and provide communication between said milk-tube and the interior of the receptacle, substantially as specified.

2. In a device for the purpose described, a receptacle comprising a fixed portion, a removable upper portion, a swinging door for closing an opening in a vertical part of said upper portion, a milk-receiver adapted to be placed in the fixed receptacle, and inwardly-extended handles or flanges at the upper portion of said receiver, substantially as specified.

3. In a device for the purpose described, a box-like receptacle adapted to be secured to the inner side of a door, and having its rear wall extended above the plane of its other walls, a milk-receiver adapted to be placed in the receptacle, and having an extended rear wall, inwardly-extended flanges forming handles, in the upper portion of said receiver, a removable upper portion for the receptacle, forming the cover for the said receptacle, and having a vertical portion provided with a door-closed opening, and a curved milk-tube adapted to engage its inner end with the door of said opening to force the same open, and provide a communication with the interior of the milk-receiver, substantially as specified.

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