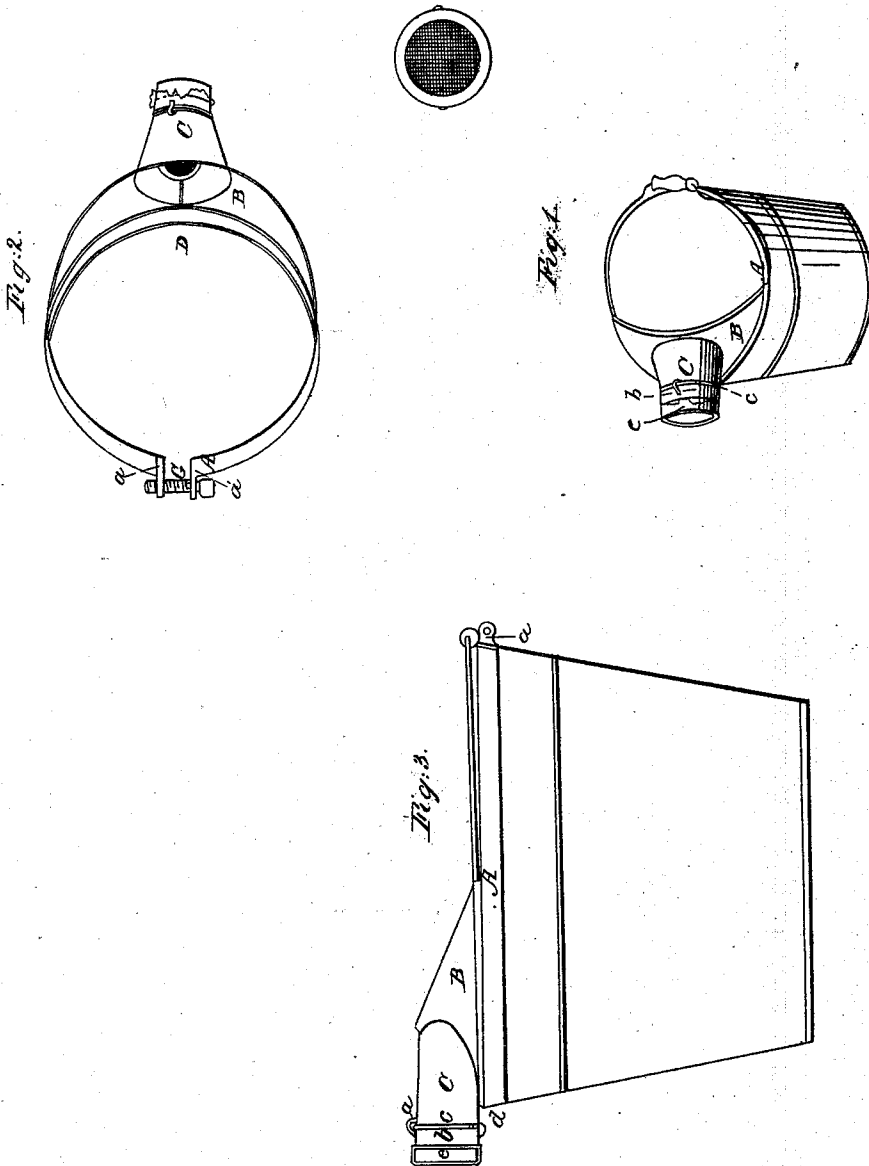


W. F. ROSSMAN.

Milk Strainer.

No. 68,793.

Patented Sept. 10, 1867.



Witnesses
Her. S. Howley
Hiram W. Dixon

Inventor
Wm. F. Rossman

United States Patent Office.

WILLIAM F. ROSSMAN, OF HUDSON, NEW YORK.

Letters Patent No. 68,793, dated September 10, 1867.

IMPROVED MILK-STRAINER.

The Schedule referred to in these Letters Patent and making part of the same.

Be it known that I, WILLIAM F. ROSSMAN, of the city of Hudson, in the county of Columbia, and State of New York, have invented a new and improved Strainer for Milk or other fluid, by attaching the same to the top of a pail; and I do declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawing, making a part of this specification, in which—

Figure 1 is a perspective view.

Figure 2, an interior view of the apparatus detached.

Figure 3, a transverse section of the same.

The nature of my invention consists in applying to the top of a pail an adjustable band, having a breast-piece attached, with a tube or spout containing a strainer of wire gauze or cloth, or both, through which the fluid is to be poured. This band is provided with an India-rubber lining or packing in front under the breast, which enables it to be made perfectly tight.

To enable those skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

I construct my adjustable strainer-band A usually of tin, and provide its two adjoining ends with threaded ears *a a'*, through which I insert a screw, G, of convenient size to tighten the band to any required degree. To the front side of this band I attach a breast-piece, B, of a breadth equal to about half the circumference, to hold back the milk or other fluid while it is being poured out through the tube or spout C. In the band A I enclose, as far as the breast extends, an India-rubber lining or packing, D. Each edge of this rubber is held by the folded edge of the tin band. The breast-piece B is provided with a spout or tube, C, which contains the strainers, or to which they are attached. The wire-gauze strainer is of a size and form corresponding with that of the tube or spout C, and fitted so as to lie in the annular cap-piece, fig. 4, or ring *b*, which is kept in place by means of the wire band *c* and hooks *d*, or the slot and pin attachment commonly employed on lanterns, or its equivalent. Outside and beyond the wire-gauze strainer, or to the end of the spout C, I apply a cloth strainer, if required, as many persons prefer milk strained through cloth, which is kept in place, drawn tightly over the end, by the ring or band *e*. This strainer is easily adjusted, or made to suit any ordinary pail, by loosening and tightening the screw G, while the rubber packing is thus also made to adhere closely to the outer edge of the pail opposite the screw, so as to prevent all leakage. I contemplate using a square, round, or any other shaped strainer in combination with my adjustable rim or band A. I do not, therefore, intend to confine myself to the circular or tubular form of the spout C.

What I claim as my invention, and desire to secure by Letters Patent of the United States, is—

A strainer of cloth, wire gauze, or any other material, attached to an adjustable band A, with breast-piece B and spout C, and all constructed and combined substantially in the manner and for the purpose herein set forth.

WM. F. ROSSMAN.

Witnesses:

ALEX. S. ROWLEY,

HIRAM W. DIXON.