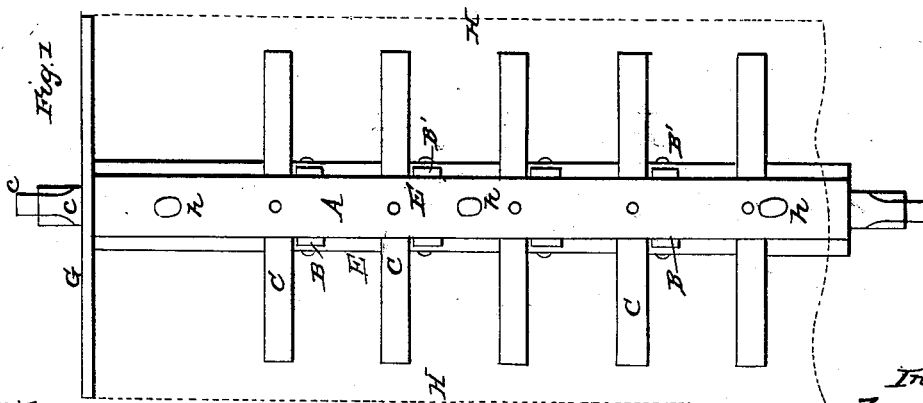
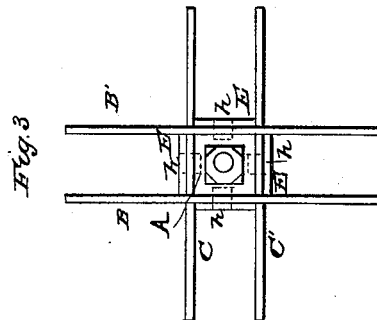
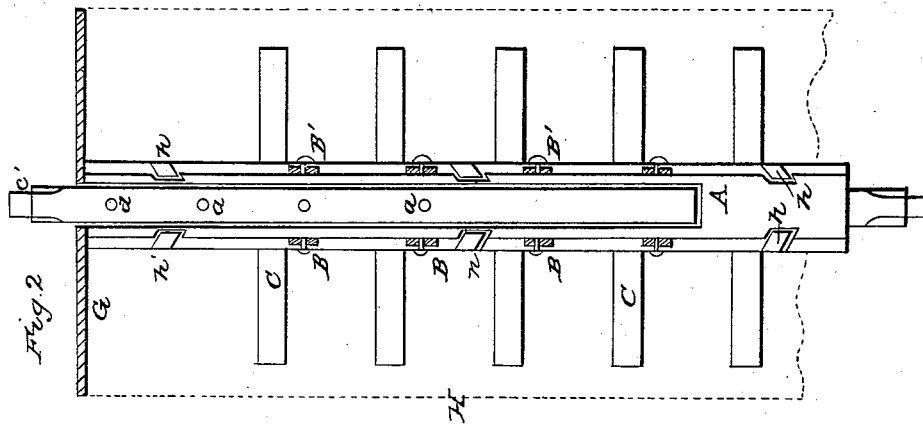


Z. SANDERS.

Milk Stand.

No. 50,736.

Patented Oct. 31, 1865.



Witnesses  
Fred Curtis  
G. H. Washburn

Inventor  
Zenas Sanders.  
By his Attorney  
H. W. Eddy

# UNITED STATES PATENT OFFICE.

ZENAS SANDERS, OF WEST WINDSOR, VERMONT.

## MILK-STAND.

Specification forming part of Letters Patent No. 50,736, dated October 31, 1865.

*To all whom it may concern:*

Be it known that I, ZENAS SANDERS, of West Windsor, in the county of Windsor and State of Vermont, have invented an Improved Rotary Stand for Milk or Cream Pans; and I do hereby declare the same to be fully described in the following specification and represented in the accompanying drawings, of which—

Figure 1 is an elevation, Fig. 2 a longitudinal section, and Fig. 3 a transverse section, of it.

In setting pans of milk to obtain cream to the best advantage it has been found that a free circulation of air against the under side or bottom surface of each pan greatly promotes the deposit of the cream on the milk.

My improved stand is constructed with reference to this discovery, and in carrying it out or constructing such stand I make use of a post, A, which I prefer to have square in its transverse section, and apply to each of the sides of such post a series of slats or bars, B B' C C', the two bars of each pair, and which are on opposite sides of the post, being on a level with each other when the said post is in a vertical position. Each pair of such bars crosses at right angles another pair of them placed on the other two sides of the post, and they project beyond the latter pan far enough to receive and support a milk pan or dish when laid on them. Furthermore, I apply to the lower end of the post a pintle, *a*, to enter a round step or bearing, which may be either made in or fixed to a floor of a dairy or apartment for containing the stand. The upper part of the post I construct tubular or with a long bore or socket, *b*, arranged in line of the axis of the post. Within this bore I place a sliding bar, *c*, terminating at its outer end in a journal, *c'*, and being provided with a series of holes, *d d d*, extending transversely through it at equal distances apart. The object of such holes is to enable the slider *c* to be supported at any desirable elevation within the range of its movements by a pin passed through some one or more of the holes and resting on the top of the post A.

Each set of the bars, or all those situated on either side of the post, is supported in place by means of an upright board, F, having notches or recesses for the reception of such bars, such board being arranged against one side of the

post A in manner as represented. Furthermore, each of such boards has three or any other suitable number of tenons or pins, *h h h*, projecting from its inner side at an acute angle therewith. These tenons or pins enter corresponding recesses or mortises, *i i i*, made in the post. The arrangement of the pins and mortises at an acute angle with the contiguous faces of the board and post in manner as exhibited in Fig. 2 serves to enable the boards to retain their positions against the post by the action of their weight and the weight of whatever may be placed on their cross slats or bars.

A circular or other proper shaped disk or platform or curtain-supporter, G, is placed on the top of the post A, and with the slider *c* going through a hole made at the central part of such board. From the edge or circumference of such board a gauze curtain, H, is to be suspended, it being made so as to encompass the entire stand and rest on the floor. The two vertical edges of the curtain may be lapped on each other, so as to be capable of being secured together by pins or other proper means. This curtain is to protect the stand and the milk pans from flies or other injurious insects or animals.

By the above mode of constructing the milk-stand it may be readily set up in a dairy or apartment and taken down or removed therefrom, as occasion may require, the upper journal being provided with a step or bearing for its reception arranged in the ceiling of the apartment; and, furthermore, the stand may be revolved in order to enable a person to supply it with milk-pans or remove such from it, as circumstances may require.

I claim—

1. The combination of the notched board E and its inclined pins with its cross-bars and the post A, provided with holes or recesses for reception of such pins, in manner as specified.
2. The combination of the supporter G with the milk-stand, made substantially as described, such supporter being for sustaining a curtain, H, about the pans, as set forth.

ZENAS SANDERS.

Witnesses:

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