I. P. Tice's Improvement in Milk Rack.

PATENTED
FEB 18 1868

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Fig: 1.

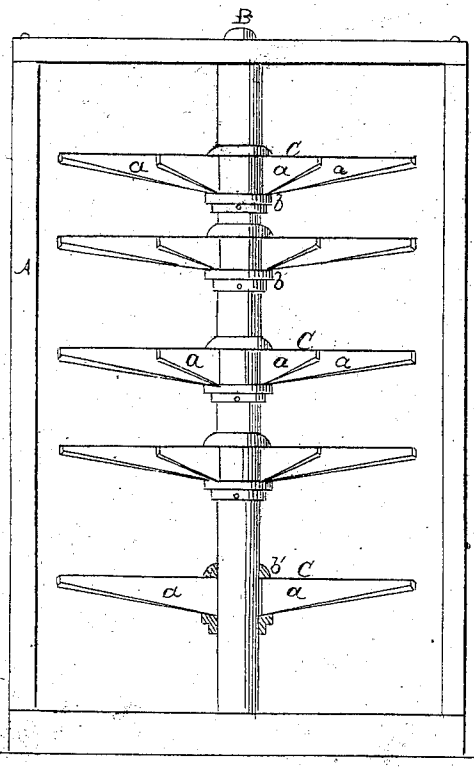
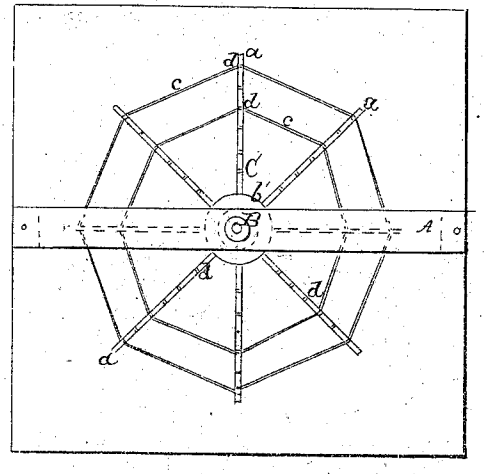


Fig: 2.



Witnesses.
M. Coombs
A. Kellers

Isaac P. Tice

United States Patent Office.

ISAAC P. TICE, OF NEW YORK, N. Y.

Letters Patent No. 74,633, *dated February* 18, 1868.

IMPROVEMENT IN MILK-RACKS.

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, ISAAC P. TICE, of the city, county, and State of New York, have invented a new and useful Improvement in Milk-Racks, of which the following is a full, clear, and exact description, reference being had to the accompanying drawing, forming part of this specification, and in which—

Figure 1 represents a side elevation of a milk-rack constructed according to my improvement, and

Figure 2 a plan of the same.

Similar letters of reference indicate corresponding parts.

The object of my invention is to furnish a milk-rack or stand, that, whilst the shelves are of a rotating character, they may be moved with the least possible jar or disturbance of the milk resting thereon; and it consists in an arrangement of bearings and collars on a stationary shaft, for supporting and steadying the rotating shelves, as hereinafter more fully described.

Referring to the accompanying drawing, A represents a frame, of any suitable construction, and carrying a vertical shaft or post, B, on which, and set or hung so as to freely turn or rotate independently of each other, are arranged any required number of tables, stands, or shelves C, each preferably constructed of arms *a*, radiating from a boss or hub, *b''*, that, resting on a suitable collar or other support, *b*, and steadied by a collar, *b'*, also secured to the shaft B above, serves as the centre of rotation for the table round the shaft B; and the arms *a* being webbed or united, say, by cords or wires *c*, wrapped round notched portions, *d*, of the arms, or the tables C being otherwise suitably constructed to form open-work shelves or stands for support of the pails or cans, and giving free circulation of air through them.

A device of this character may be cheaply constructed, and readily made by other than a skilled workman, while its use in a dairy will be found most advantageous. Thus the consecutive milkings of one or two days may be deposited on the tables C, beginning with the lowest, and, after having stood sufficiently long, be skimmed, without removal of the pails, or without the attendant, of necessity, changing his position, the facility with which the shelves or stands may be separately turned, affording every convenience for putting on and off the pails and skimming the milk in them, without disturbing or shaking the whole.

What is here claimed, and desired to be secured by Letters Patent, is—

The arrangement of the collars or bearings *b* and collars *b'* on the stationary shaft B, with relation to, and in combination with, the revolving shelves or stands C, substantially as shown and described for the purpose specified.

ISAAC P. TICE.

Witnesses:

J. W. COOMBS,

A. LE CLERC.