

(No Model.)

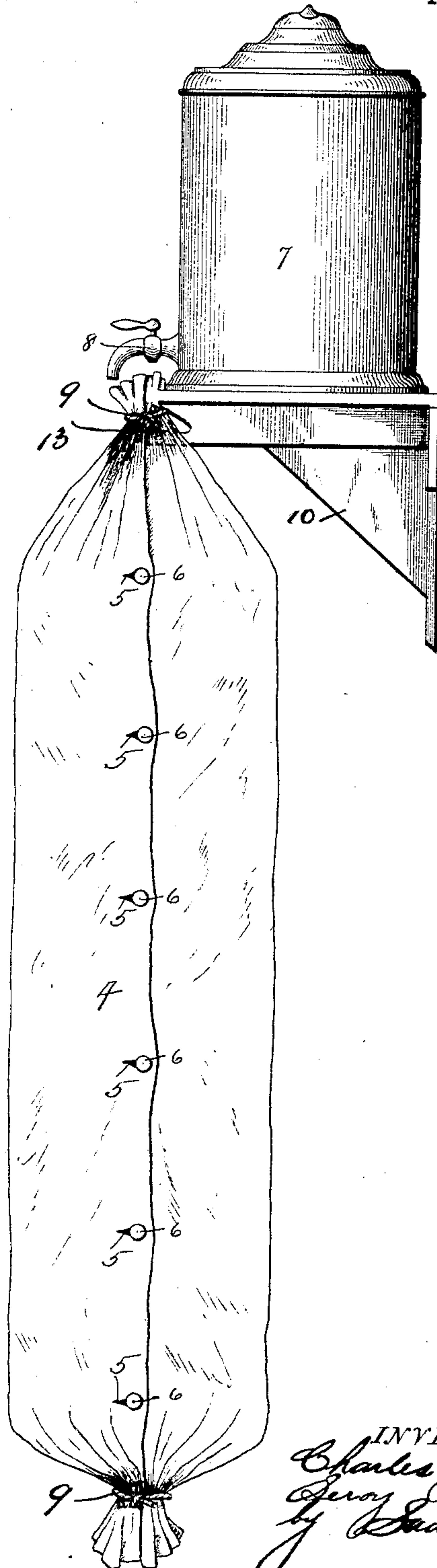
2 Sheets—Sheet 1.

C. T. HALL & L. R. FARROW.
DEVICE FOR COOLING MILK AND BUTTER.

No. 450,864.

Patented Apr. 21, 1891.

Fig. 1.



WITNESSES:
F. L. Ourand
J. L. Coombs

INVENTORS:
Charles T. Hall
Leroy R. Farrow
By Davis Baggett & Co.
Attorneys.

(No Model.)

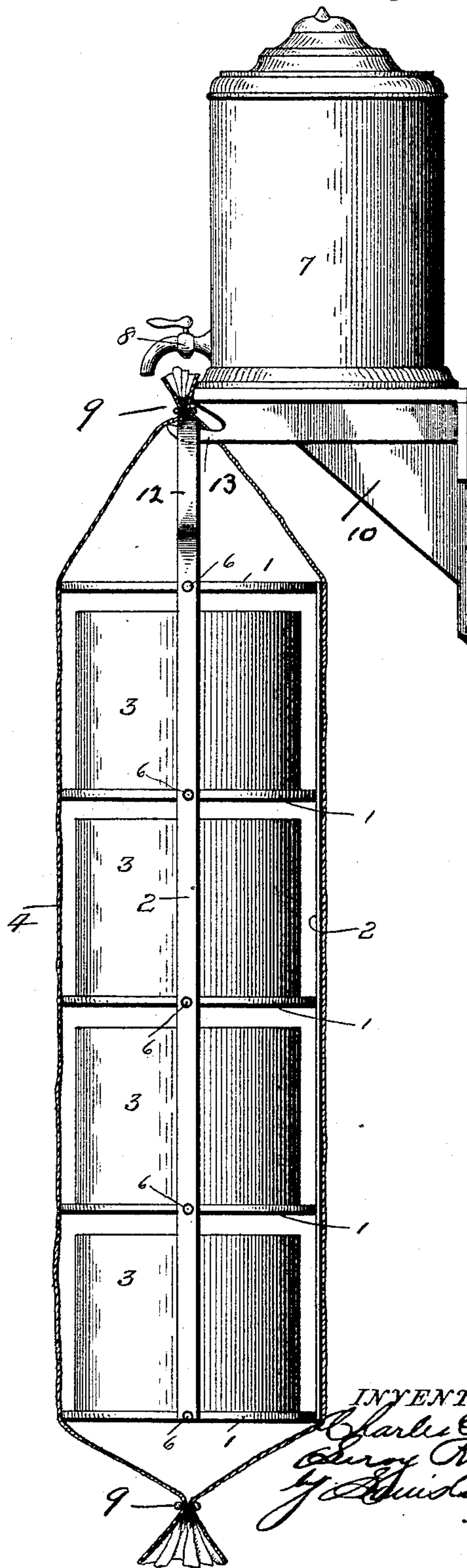
2 Sheets—Sheet 2.

C. T. HALL & L. R. FARROW.
DEVICE FOR COOLING MILK AND BUTTER.

No. 450,864.

Patented Apr. 21, 1891.

Fig. 2.



WITNESSES:
F. L. Curand.
J. L. Coombs

INVENTORS:
Charles T. Hall
Leroy R. Farrow
J. H. Daggert & Co.,
Attorneys.

UNITED STATES PATENT OFFICE.

CHARLES T. HALL AND LEROY R. FARROW, OF LIBERTY HILL, TEXAS.

DEVICE FOR COOLING MILK AND BUTTER.

SPECIFICATION forming part of Letters Patent No. 450,864, dated April 21, 1891.

Application filed September 8, 1890. Serial No. 364,335. (No model.)

To all whom it may concern:

Be it known that we, CHARLES T. HALL and LEROY R. FARROW, both residents of Liberty Hill, in the county of Williamson and State of Texas, have invented certain new and useful Improvements in Devices for Cooling Milk and Butter; and we do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

Our invention relates to improvements in devices for cooling milk, butter, and other articles of food.

The object of the invention is to provide simple, economical, and efficient means for cooling milk, butter, and other similar articles, whereby they are prevented from decomposing and kept in a fresh and palatable condition. As is well known, if articles of food be inclosed within a covering of textile or woven material saturated with water, their temperature will be greatly reduced, owing to evaporation.

We make use of the above principle in carrying our invention into effect; and it consists in the novel construction and combination of parts hereinafter fully described, and specifically pointed out in the claims.

In the accompanying drawings, Figure 1 is a side elevation of a cooling apparatus constructed in accordance with our invention. Fig. 2 is a central sectional view of the same.

In the said drawings, the reference-numeral 1 designates a series of shelves, preferably made of wood and circular in form, although both the material and shape may be varied without departing from the invention. These shelves are connected together by two or more vertical bars 2, the arrangement being such that a space is left between each adjoining shelf to receive a bucket, pail, or other receptacle 3 for containing the article to be cooled or preserved. These pails or buckets may be of any suitable construction and are placed upon and supported by the shelves.

The numeral 4 designates the casing or covering, of textile or woven material, preferably cotton-flannel or canvas. It consists

of a plain piece of such material having a series of button-holes 5 along each vertical edge, which engage with buttons or studs 6 on the peripheries of the shelves, the ends being brought together and tied by means of strings 9. Situated above the top of the device is a drip-receptacle 7, having faucet 8, from which water is allowed to drip upon the covering 4. This receptacle may be carried by the side strips or bars 2, or it may be separated from the device and placed upon a shelf or bracket 10, located above the shelves 1. The side strips 2 extend a short distance above the upper shelf and are bent over, forming a bail 12, which is adapted to engage with a projection 13 on the front of the bracket, by which the device is supported in a vertical position. In cities and other places where there is a constant supply of water the drip-receptacle may be dispensed with and the device and bracket located underneath a faucet connected with a supply-pipe.

The operation will be readily understood. When in proper position the device consists of a series of superimposed shelves with intermediate spaces to receive buckets and pails or other like articles, with a covering of textile material. This covering is secured to the shelves by means of the button-holes and buttons or studs and tied at top and bottom by cords or strings. If water be now allowed to slowly drip upon the covering, it will be diffused throughout the same, thereby causing it to rapidly evaporate, thus reducing the temperature of the articles contained in the pails or buckets on the shelves.

Having thus described our invention, what we claim is—

1. In a cooling apparatus, the combination, with the superimposed shelves having buttons or studs secured to the peripheries thereof and the vertical retaining strips or bars secured to the peripheries of the shelves and extending above the upper shelf and bent over to form a supporting-bail, of the covering consisting of a sheet of woven or textile material having button-holes along its vertical edges engaging with the buttons on the shelves, and the ends brought together and tied by means of strings, substantially as described.

2: In a cooling apparatus, the combination,

with the superimposed shelves having buttons or studs secured to the peripheries thereof and the vertical retaining strips or bars secured to the peripheries of the shelves and
5 extending above the upper shelf and bent over to form a supporting-bail, of the covering consisting of a sheet of woven or textile material having button-holes along its vertical edges engaging with the buttons on the
10 shelves, and the ends brought together and tied by means of strings, the bracket having

a projection adapted to engage with said bail, and a water-receptacle located on said bracket, substantially as described.

In testimony that we claim the foregoing 15 as our own we have hereunto affixed our signatures in presence of two witnesses.

CHARLES T. HALL.
LEROY R. FARROW.

Witnesses:

J. G. MATTHEWS,
N. F. HICKMAN.