

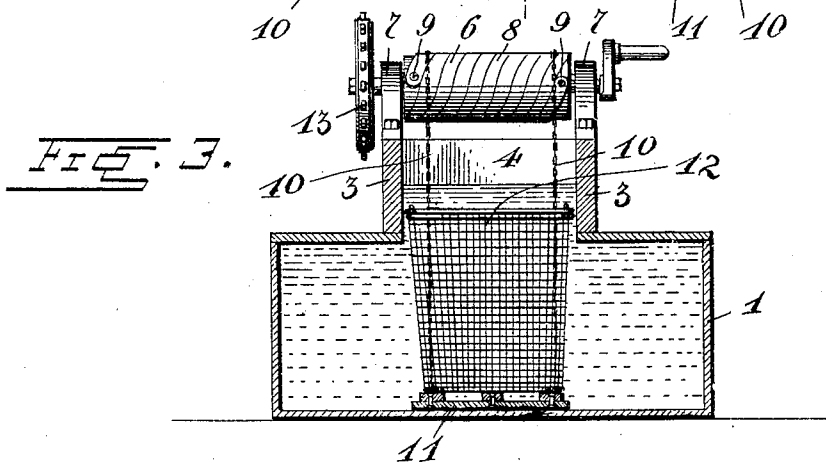
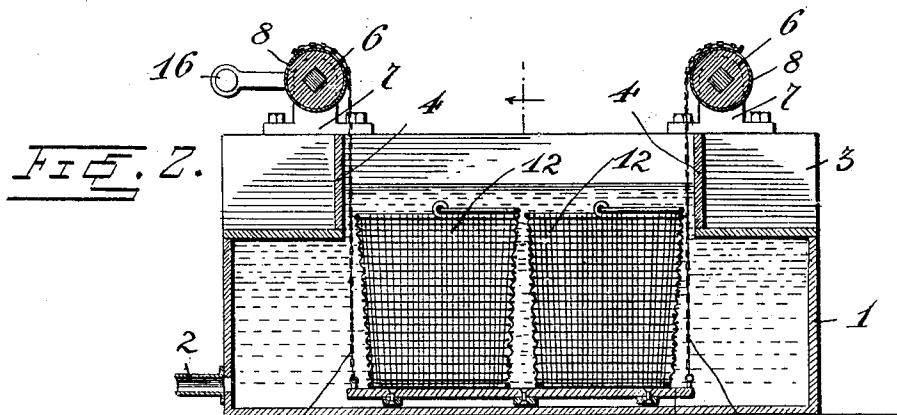
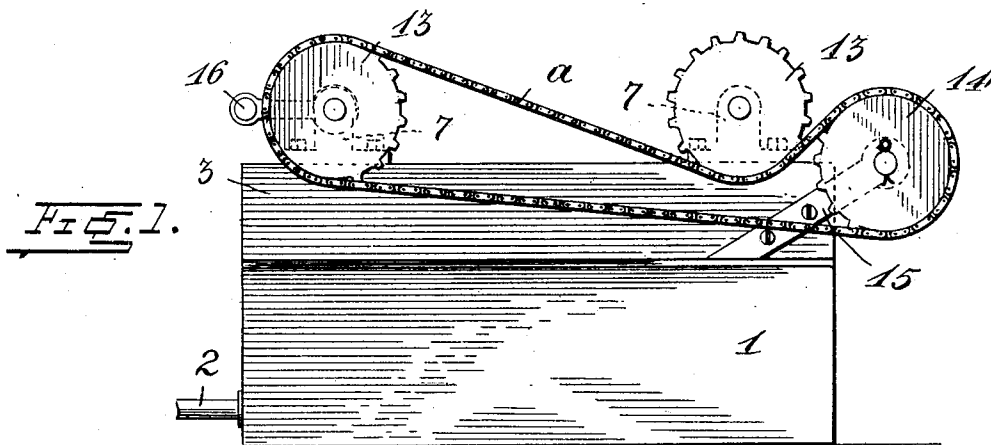
No. 805,632.

PATENTED NOV. 28, 1905.

W. L. CLARK & J. L. TERRY.

TOMATO SCALDER.

APPLICATION FILED NOV. 28, 1904.



Witnesses

C. Hunter
C. F. Griesbauer.

W. L. Clark Inventors
& J. L. Terry
by A. B. Wilson
Attorney

UNITED STATES PATENT OFFICE.

WILLIAM L. CLARK AND JACOB L. TERRY, OF VALE, MARYLAND.

TOMATO-SCALDER.

No. 805,632.

Specification of Letters Patent.

Patented Nov. 28, 1905.

Application filed November 28, 1904. Serial No. 234,622.

To all whom it may concern:

Be it known that we, WILLIAM L. CLARK and JACOB L. TERRY, citizens of the United States, residing at Vale, in the county of Harford and State of Maryland, have invented certain new and useful Improvements in Tomato-Scalders; and we do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

Our invention relates to tomato-scalders; and the objects of the same are to simplify the construction of devices of this character and to provide means for raising and lowering the baskets for containing the tomatoes which will permit said baskets to occupy substantially the entire space at the upper portion of the tank in order that tomatoes will not fall between the baskets and the inner wall of said tank.

Another object is to provide means for maintaining the temperature of the water in the tank at substantially a uniform heat even when cold tomatoes are placed therein for scalding.

These and other objects are attained by means of the construction illustrated in the accompanying drawings, in which—

Figure 1 is a side elevation of a tomato-scalding embodying my invention. Fig. 2 is a longitudinal central section of the same, and Fig. 3 is a transverse vertical section of the same.

Referring to the drawings for a more particular description of our invention, the numeral 1 denotes a tank for containing hot water. This tank is designed to contain a comparatively large body of water and is provided with a pipe or connection 2, from which a supply of hot water or steam may be injected in the tank at any and all times. Rising above the tank is a frame consisting of the side pieces 3 3 and end pieces 4 4, this frame being secured to the tank 1 around an opening in the top thereof. Rollers 6 are mounted to freely rotate in bearing-blocks 7. These rollers are protected by means of hoop-iron or similar bands 8, wound spirally about the surface of the rollers and secured at their opposite ends, as at 9.

Chains 10 are secured near the opposite ends of the rollers by suitable means, and at the opposite ends of the chains a rack 11 is secured, upon which the wire baskets 12 are adapted to be supported. Sprocket-wheels

13 are secured at one end of each roller 6, and a sprocket-chain *a* passes around one of said sprocket-wheels and around an idler sprocket-wheel 14, journaled to an arm 15, secured to one of the side pieces of the frame. The sprocket-wheel upon the other roller is designed to engage the sprocket-chain *a* at the top thereof. A hand-crank 16 may be secured to a projecting end of the axle of one of the rollers 6.

The operation of our invention is as follows: The wire baskets 12 are intended to occupy substantially the entire space within the frame or well of the tank, and the baskets are let down by means of a hand-crank into the tank before the tomatoes are placed therein. In this way we can fill the baskets with tomatoes without danger of mashing them, as the water in said baskets forms a soft or yielding surface for the tomatoes. Since the baskets occupy the entire space in the well or central portion of the tank, tomatoes dropped promiscuously into the baskets cannot get between the baskets and the inner wall of the well.

Owing to the arrangement of the sprocket-chain passing over the idler sprocket-wheel and the arrangement of the outside sprocket-wheel on one of the rollers, the chains which lift the rack and baskets are both wound outwardly to elevate the rack, and in this way only sufficient space between the baskets and the end walls of the well is necessary. Owing to the arrangement of the tank beyond the upper wall of the well, a greater body of water is accessible for use on the tomatoes, and hence will not be so susceptible to change in temperature by placing cold tomatoes in the well, and we have provided means for injecting boiling water or steam to maintain the temperature at a comparatively uniform degree.

Various changes in the form, proportion, and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention.

Having thus described our invention, what we claim as new, and desire to secure by Letters Patent, is—

The herein-described tomato-scalding, consisting of a covered tank having a central opening through its top, an upwardly-extending frame secured to the top at the margin of the opening and providing a well, a plurality of wire baskets adapted to be lowered into the

well, rollers journaled upon the top of the
frame, sprocket-wheels on one end of each
roller, an idler sprocket-wheel mounted to re-
volve upon a bracket extending outward from
5 the frame, a sprocket-chain passing around the
sprocket-wheel on one of the rollers, around
the idler sprocket-wheel and under the
sprocket-wheel on the other roller, whereby
both rollers are oppositely rotated simultane-
10 ously, chains secured to said rollers and ex-
tending down the ends of the well, and a rack

or platform secured to the lower ends of the
chains for supporting the baskets, substan-
tially as described.

In testimony whereof we have hereunto set 15
our hands in presence of two subscribing wit-
nesses.

WILLIAM L. CLARK.
JACOB L. TERRY.

Witnesses:

JOS. N. THOMPSON,
E. P. BUNYEA.