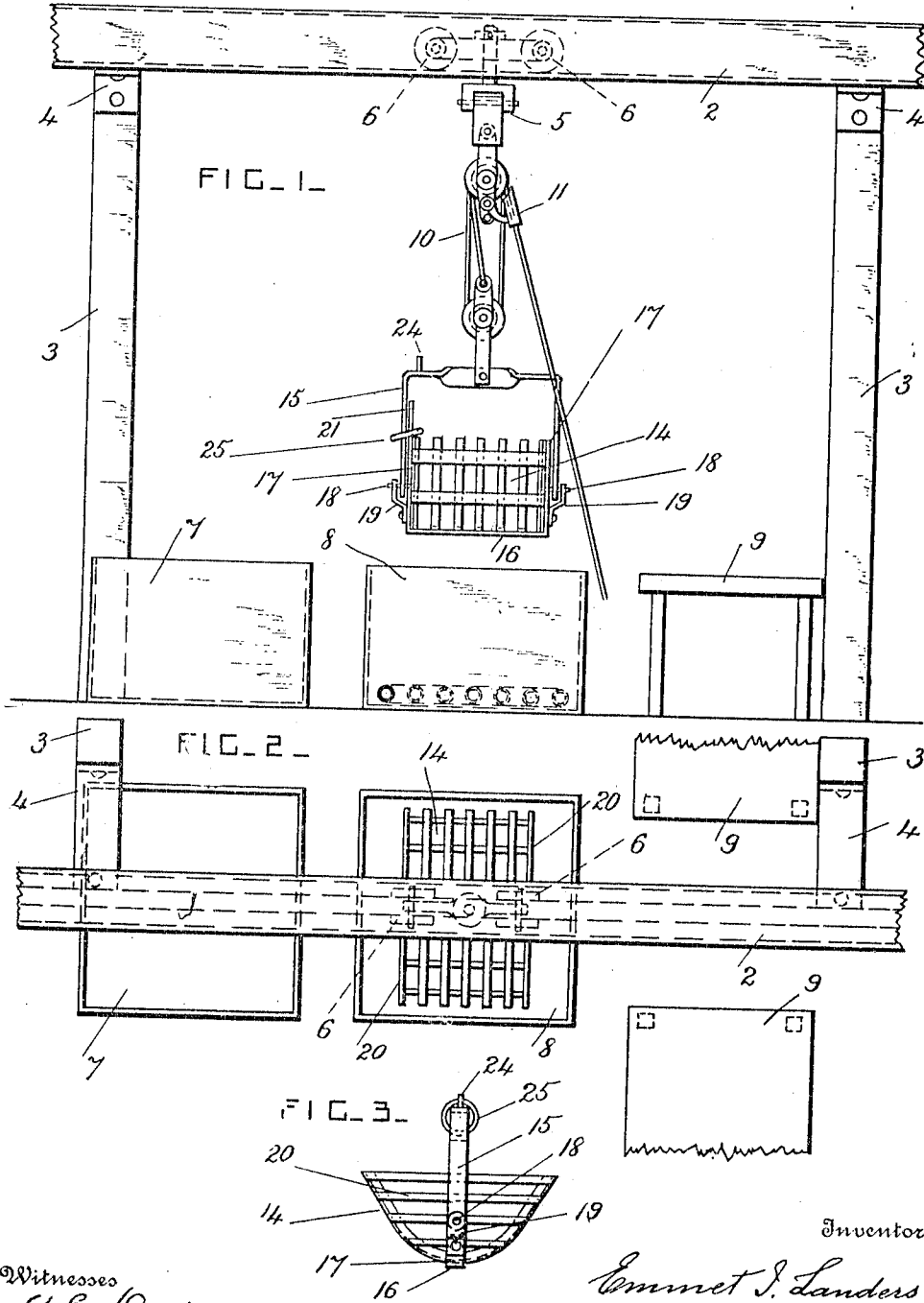


E. I. LANDERS.
SCALDING APPARATUS.
APPLICATION FILED MAY 6, 1912.

1,039,300.

Patented Sept. 24, 1912.



Witnesses

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UNITED STATES PATENT OFFICE.

EMMET I. LANDERS, OF TROUTVILLE, VIRGINIA.

SCALDING APPARATUS.

1,039,300.

Specification of Letters Patent.

Patented Sept. 24, 1912.

Application filed May 6, 1912. Serial No. 695,520.

To all whom it may concern:

Be it known that I, EMMET I. LANDERS, a citizen of the United States, residing at Troutville, in the county of Botetourt and State of Virginia, have invented certain new and useful Improvements in Scalding Apparatus; and I do hereby 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.

This invention relates to apparatus for washing and scalding tomatoes or other articles of food prior to canning them; and it consists in the novel construction and combination of the parts hereinafter fully described and claimed.

In the drawings, Figure 1 is a side view of a scalding apparatus constructed according to this invention. Fig. 2 is a plan view of the same. Fig. 3 is an end view of the scalding basket.

In carrying out this invention, an overhead track 2 is provided and is supported by posts 3 and brackets 4, or in any other approved manner.

A hanger 5 is provided with wheels 6 and is arranged to run on the track 2, and any approved construction of hanger and track may be used. Under one portion of the track a washing tank 7 and a scalding tank 8 are provided. The washing tank may be omitted or not used if not required, and the scalding tank is provided with hot water to scald the tomatoes by any approved means.

Receiving tables or receptacles 9 are provided, and are arranged one on each side of the track at a convenient distance from the scalding tank. A hoisting tackle 10 is suspended from the hanger 5, and is preferably provided with an automatic brake or sustaining catch 11 of any approved make.

The basket 14 in which the tomatoes are placed before being scalded is connected to the hoisting tackle, and is supported by a bail 15.

The basket 14 has a crosspiece 16 which extends underneath its middle part, and which has vertical arms 17 at its ends. The bail is pivoted to the lower parts of these arms by pins 18, and 19 are brackets secured to the arms to support the outer ends of the pins. The sides 20 of the basket are formed of slats arranged horizontally and

secured to the arms 17, and one of the arms has an extension 21 which projects above the top of the basket.

The sides 20 are arranged vertically, and the bottom and ends of the basket are curved, and are formed of curved longitudinal slats and straight cross slats secured together and to the crosspiece 16.

A stop peg 24 projects upwardly from the top of the bail, and 25 is a retaining catch or ring which normally encircles one arm of the bail and the extension 21, and which prevents the basket from tilting on its pivots. The pivot pins 18 are arranged below the center of gravity of the basket, and when the ring 25 is raised clear of the extension the basket can be tilted to discharge its contents. The ring can be placed over the stop peg 24, as shown in Fig. 3, so as to prevent it from slipping down the bail arm before the basket has been restored to its normal position.

The tomatoes or other articles to be scalded are placed in the basket, and if they require washing the basket is dipped first into the washing tank, or its contents are freed from dirt in any other convenient way.

The basket with its contents is then dipped into the scalding tank by means of the hoisting tackle, and, when raised, the basket is run along the track, and is tilted so that its contents are dumped upon one or the other of the receiving tables as found convenient.

What I claim is:

1. In a scalding apparatus, the combination, with a tilting basket having vertical sides and curved bottom and end portions all formed of slats secured crosswise of each other, and a re-inforcing crosspiece secured under the middle part of the basket and provided with upwardly projecting arms at its ends, said arms being secured to the vertical sides of the basket and being continuations of the said crosspiece, of a supporting bail pivoted to the said arms, and a disengageable catch which normally locks one of the arms to the said bail.

2. In a scalding apparatus, the combination, with a tilting basket having vertical sides and curved bottom and end portions all formed of slats secured crosswise of each other, and a re-inforcing crosspiece secured under the middle part of the basket and provided with upwardly projecting arms at

its ends, said arms being secured to the vertical sides of the basket and being continuations of the said crosspiece, of a supporting bail pivoted to the said arms, one of the said arms having an extension which projects above the top of the basket, and a locking ring which slides over one side portion of the bail and the said extension and which

normally rests on the top edge of the basket and prevents it from tilting.

In testimony whereof I have affixed my signature in the presence of two witnesses.

EMMET I. LANDERS.

Witnesses:

Z. G. NALLS,

WM. GAULTNEY.