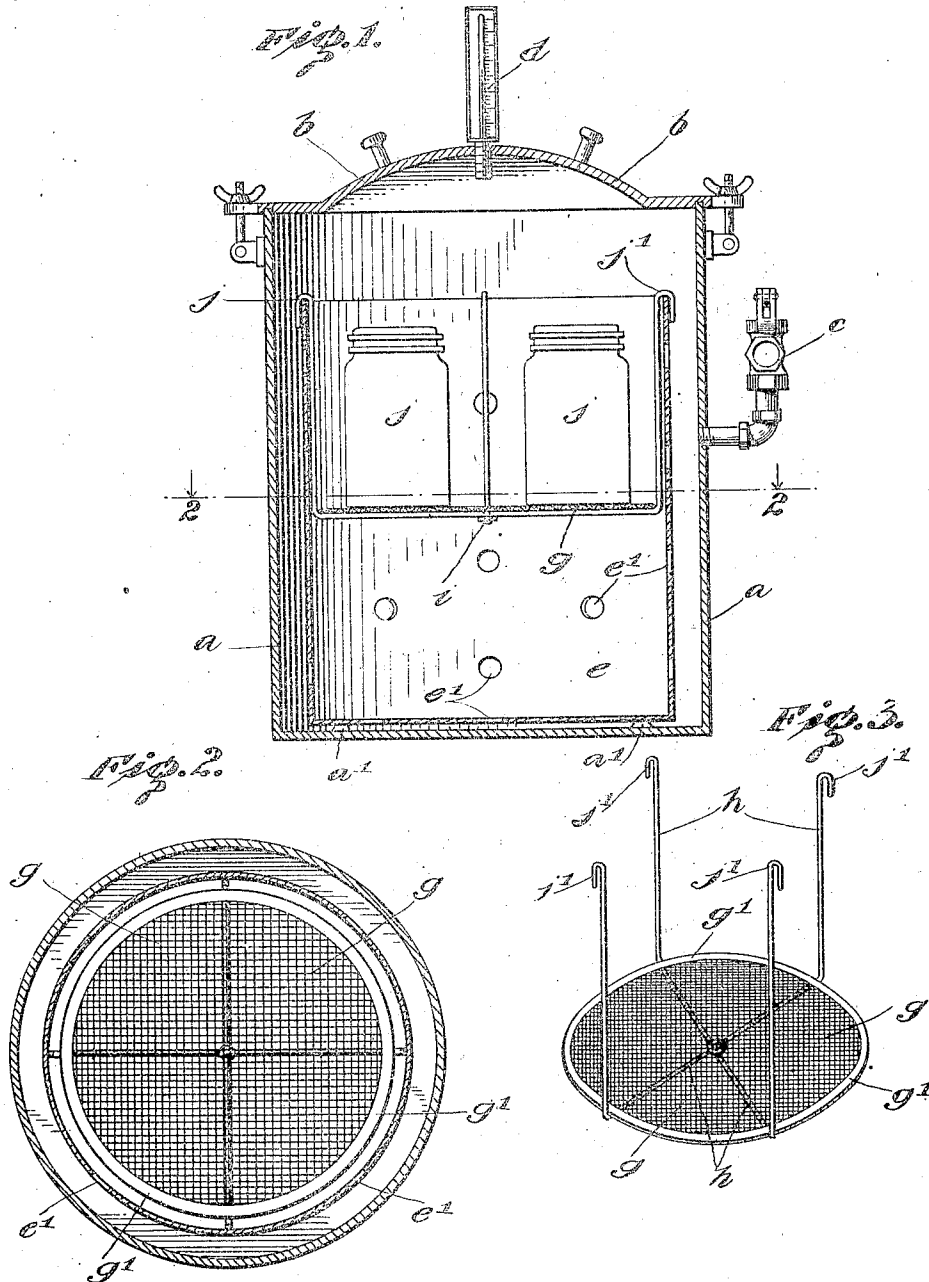


H. L. DAY.
CANNING BOILER.
APPLICATION FILED MAR. 13, 1913.

1,101,730.

Patented June 30, 1914.



Witnesses:
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UNITED STATES PATENT OFFICE.

HARRY LINCOLN DAY, OF SHOREHAM, NEW YORK..

CANNING-BOILER.

1,101,730.

Specification of Letters Patent. Patented June 30, 1914.

Application filed March 13, 1913. Serial No. 753,919.

To all whom it may concern:

Be it known that I, HARRY LINCOLN DAY, a citizen of the United States, and a resident of Shoreham, in the county of Suffolk and State of New York, have invented certain new and useful Improvements in Canning-Boilers, of which the following is a specification.

This invention relates to canning boilers and my improvement consists in certain supporting means for the cans or jars containing the materials undergoing preservative treatment; the characteristics of my said supporting means including a wire mesh carrying surface with suspension means comprising pivotal wire arms, bent, and with engaging hooks, and adapted to fold together for convenience in packing.

In the drawing: Figure 1 is a vertical, sectional elevation of a canning boiler, with an internal, foraminous vessel and my improved supporting device. Fig. 2 is a horizontal section on the line 2—2 of Fig. 1, and Fig. 3 is a perspective detail of the supporting device.

In said views *a* indicates a boiler, supplied with a clamping cover *b*, safety valve *c* and thermometer *d*. Upon the base of boiler *a* are lugs *a'* which support an internal vessel *e* which is supplied with orifices, as *e'*. There is a clearance between the walls of vessel *e* and boiler *a* and also between the base of vessel *e* and boiler *a*.

The supporting device upon which cans or jars, as *j*, containing vegetables or other food matter to be preserved, may be supported, consists of a disk *g* of wire mesh, having a reinforced rim *g'*, said disk being carried by two crossed wires *h*, which are pivotally connected at their point of inter-

section, as at *i*. Said wires are bent upwardly beyond the periphery of the rim of disk *g*, forming vertical rods whose upper ends are formed with hooks *j'*. By means of the aforesaid hooks *j'* the device is engaged with the upper edge of vessel *e* from which it is thus suspended within said vessel. Obviously a number of jars may be carried upon disk *e*, and also, obviously a number of cans or jars may be carried upon the base of vessel *e*. By reason of the orifices in vessel *e* and the foraminous character of disk *g* the fluid or steam employed in the preserving operation has free access to all parts of the cans or jars. Owing to the pivotal connection of the wires *h*, said wires may be folded together in compact manner for packing and portage, when dismounted.

I claim:

In a canning boiler having an internal vessel provided with orifices in its wall and base, a collapsible supporting device comprising a disk of wire mesh with a stiffening rim, said disk adapted to carry preserving cans or the like, and a pair of crossed wires serving as a separable support for said disk, said wires being pivotally connected at their point of intersection, and said wires being bent to form vertical rods extending upwardly beyond the disk rim, the ends of said rods forming hooks for engagement with the upper edge of said internal vessel or with the orifices in its wall.

In testimony whereof I have hereunto signed my name in the presence of two subscribing witnesses.

HARRY LINCOLN DAY.

Witnesses:

CHAS. J. DAY,

DANIEL J. DOWLING.