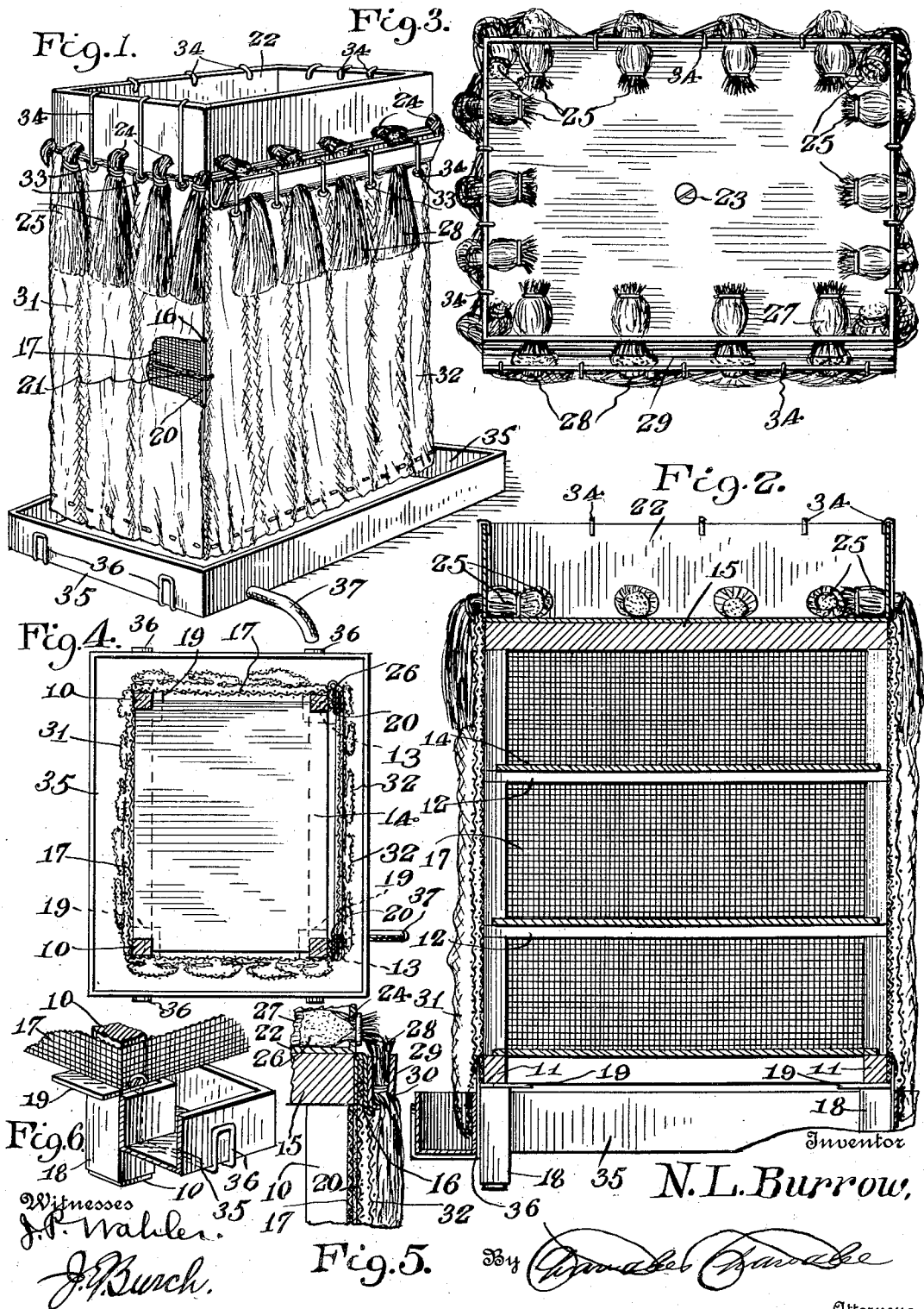


N. L. BURROW.
COOLER.

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1,104,958.

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Attorneys

UNITED STATES PATENT OFFICE.

NANCY L. BURROW, OF MOUNTAIN PARK, OKLAHOMA.

COOLER.

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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, NANCY L. BURROW, a citizen of the United States, residing at Mountain Park, in the county of Swanson, State of Oklahoma, have invented certain new and useful Improvements in Coolers; 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 has special reference to novel and useful improvements in coolers or refrigerating devices and more particularly to a device embodying a shelved frame inclosed in cloths which receive a supply of water from a tank supported on the frame to keep cool articles of food placed therein and permit the use of the device without water in cold weather as a provision safe.

The principal object of the invention is evolved in the provision of a cooler or safe of the above character provided with means for preventing the entrance of insects into the cooler and carrying off the waste water.

With the above and other objects in view, the invention consists of certain combinations and arrangements of parts as will be hereinafter more fully described, claimed and illustrated in the accompanying drawings, in which:

Figure 1 is a perspective view of my improved cooler. Fig. 2 is a central vertical sectional view thereof. Fig. 3 is a top plan view of the device. Fig. 4 is a horizontal sectional view. Fig. 5 is a detail view showing the manner of connecting the cloth to the frame and door together with the feeding members. Fig. 6 is a detail perspective view of a portion of the drain trough and one corner post or leg and illustrating the manner of supporting the trough.

As shown, my improved cooler or safe embodies an open frame comprising corner posts 10 connected by cross braces 11 and provided with a pair of vertically spaced shelf supports 12 at its rear side coacting with opposed grooves forming shoulders 13 at the inner faces of the front posts for the supporting of shelves 14 slidably thereon. The upper ends of the posts are connected by a top wall 15 and the front of the frame is provided with a hinged door 16, the frame of which is preferably formed of metal.

The three sides of the frame and the door

are covered with screen or wire mesh as indicated at 17 so as to permit a thorough circulation of air but prevent the entrance of insects into the safe. Metallic shields 18 embodying sections of metal forming sockets, are fitted around each leg of the safe or cooler and have flanged upper portions 19 to prevent the entrance of ants or other insects through the bottom of the safe. The vertical edges of the screen or wire mesh are secured to the front edges of the forward corner posts and are protected by facing strips 20 to protect the user and form a tight joint between the door and the frame of the cooler. The door is held in a closed position by means of a hooked catch 21 disposed approximately centrally of the height of the door.

In order to retain the cooler at a low temperature in an effective manner, a water pan 22 is detachably mounted centrally upon the top of the frame as shown at 23, as by means of a screw or bolt with an intermediate water-tight packing. The pan 22 is provided with a plurality of equi-distantly spaced openings 24 in its side walls adjacent its bottom. The openings in the side and rear walls are fitted with supply members 25 formed of short sections of brush fiber or rope in unwound form and adapted to supply the water to the cloth coverings or streamers surrounding the cooler, by capillary action in a manner to be hereinafter more fully set forth. These supply members have their upper ends provided with inclosed cotton sections 26 producing absorbent enlargements serving to support the supply members whereby they will hang at the sides of the cooler while the absorbent material will regulate the supply of the water through the fiber sections and openings. The supply members at the front of the cooler are formed in two sections as shown at 27 and 28, the sections 27 terminating at the top edge of the door and in juxtaposition to a supply trough or channel 29 secured to the upper edge of the door at its outer face. This channel has a plurality of openings 30 receiving the sections 28 which extend up in contact with the sections 27 for the supply of the water through the sections when the door is in a closed position.

The frame of the cooler is preferably of wood and is inclosed by a large cloth section 31 which covers the sides and rear portions thereof while a section 32 is arranged over

the door of the cooler, both sections being gathered as shown so that the same may hang loose and prevent the water from dripping too freely. This covering is made of
5 very thick muslin and provided with eyelets 33 in its upper edge portion and wire sections 34 are engaged through the eyelets in the form of hooks to engage the upper edge of the pan and hang beneath the supply
10 members except the front hooks which engage the edge portion of the trough or channel. Thus, the water will be supplied through the cloths in the proper quantity to last considerable time for the proper
15 keeping of articles of food and the waste water is caught in a drain trough 35 disposed around the frame beneath a line of the bottom edge of the door, into which the cloths depend. This drain trough is supported by means of hooks 36 secured to each
20 leg and engaging beneath and at the outer

sides of the trough while the water is led therefrom in any preferred manner as by means of a tube or pipe 37.

I claim:

In a cooler, a screen covered rectangular frame having legs, metallic shields for said legs and embodying sections of metal formed into sockets and fitted on the legs, said shields having flanged upper ends to prevent the entrance of insects into the frame, liquid evaporative cooling means for the frame, hooks secured to the leg portions of the frame and contacting with the socket portions of the shields and a drain trough supported on said hooks.

In testimony whereof I affix my signature in presence of two witnesses.

NANCY L. BURROW.

Witnesses:

A. B. SLAYBAUGH,
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