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E. W. HACKNEY

CLOTHES DRAINER

Filed Sept. 22, 1923

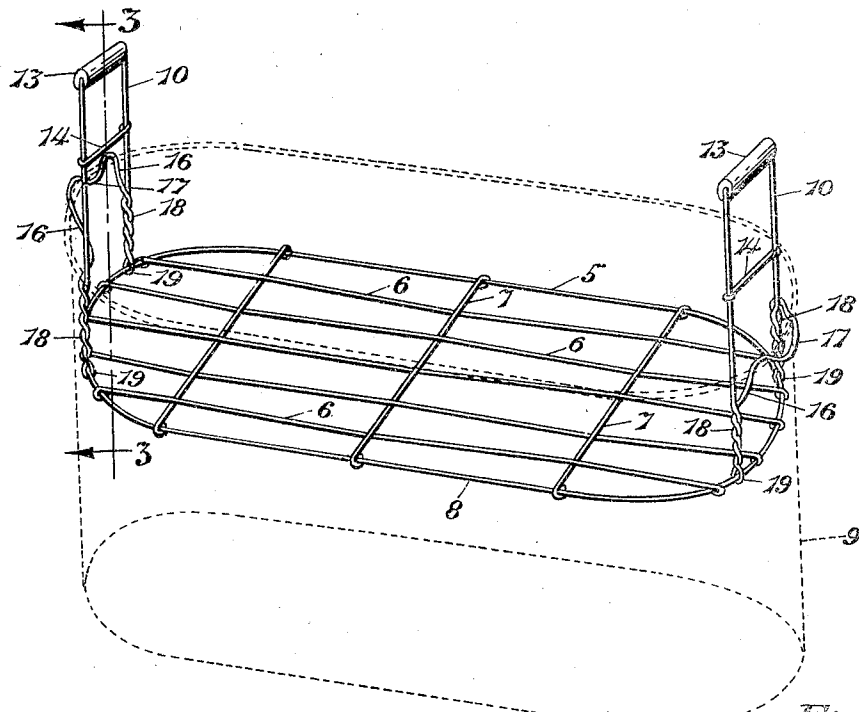


Fig. 1

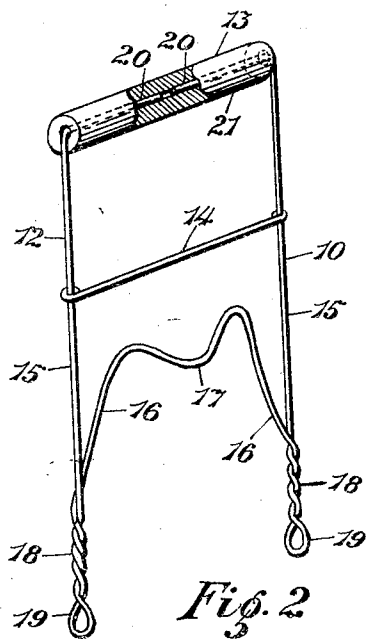


Fig. 2

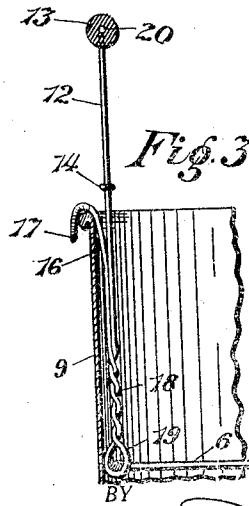


Fig. 3

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EDWARD W. HACKNEY, OF BRIDGEPORT, NEBRASKA.

CLOTHES DRAINER.

Application filed September 22, 1923. Serial No. 664,180.

To all whom it may concern:

Be it known that I, EDWARD W. HACKNEY, a citizen of the United States, residing at Bridgeport, in the county of Morrill and State of Nebraska, have invented certain new and useful Improvements in Clothes Drainers, of which the following is a specification.

My invention relates to clothes drainers of the type used in connection with wash boilers for the suspension of the clothes above the level of water in the boiler, so that the water may drain from the clothes after they have been boiled.

A drainer of the above described character generally consists of an open-mesh tray or basket which fits loosely inside the wash boiler and upon which the clothes are supported.

The tray or basket rests during the boiling operation on the bottom of the boiler and it is provided with handles which are designed to suspend the tray or basket with the clothes supported thereon, from the rim of the wash boiler after the clothes have been boiled and the lid which normally closes the top of the boiler has been removed.

The novelty of the present invention resides particularly in the construction of the handles, it being an object of the invention to provide in conjunction with the tray or basket of a clothes drainer of the above described type, handles in which simplicity of construction is combined with great rigidity, strength, durability and practicability in use.

An embodiment of my invention has been illustrated in the accompanying drawings in the several views of which like parts are similarly designated and in which—

Figure 1 represents a perspective view of the improved clothes drainer in its operative position relative to a wash boiler of conventional form and construction which has been shown in broken lines;

Figure 2, a partially sectional, perspective view of one of the handles of the clothes drainer, drawn to an enlarged scale; and

Figure 3, an enlarged fragmentary section taken on the line 3—3, Figure 1.

Referring more specifically to the drawings, the clothes drainer comprises a flat tray 5 of open mesh, preferably composed of a plurality of longitudinally and transversely extending wire rods 6 and 7 which

at their ends are attached to a frame 8 of similar material which in contour conforms with the interior of the wash boiler 9 shown in Figure 1 in broken lines.

Handles 10 pivotally attached at the ends of the tray each consist of a body member 12 made of a single piece of wire which is bent and formed to provide a hook for the suspension of the clothes drainer from the rim of the boiler as indicated in Figures 1 and 3, a hand-grip 13 of wood or other material non-conductive to heat, which is fastened at the upper end of the body member, and a brace 14 preferably made of wire, which functions to prevent the body member from springing apart.

The body member 12 comprises two parallel arms 15 which at their lower ends are connected by a cross piece 16 formed and bent to provide the suspension hook 17 herebefore referred to.

The cross piece 16 extends upwardly from the lower ends of the arms, and its lower portions are intertwined with the corresponding portions of the arms as at 18, to increase the rigidity of the structure and to provide eyes or loops 19 at the extremities of the arms, by means of which the handles are pivotally connected to the frame of the tray.

The portion of the cross piece intermediate of the arms is bent outwardly and then downwardly to form the hook 17 which in the operation of the device, is placed upon the rim of the boiler after the tray has been lifted to the desired height above the water line.

The upper portion 20 of the two arms are bent at right angles toward each other to form spurs which are inserted in the axial bore of a wooden hand-grip 21 the length of which is substantially equal to the distance between the arms.

The transverse brace 14 which is preferably made of wire, has its ends looped around the arms, and functions to prevent the arms from spreading apart after their upper portions are inserted in the bore of the grip.

It will be evident that the twisted construction of the lower portions of the arms 15 gives rigidity where it is most required to prevent deformation of the handle by the weight of the wet clothes when the drainer is suspended from the rim of the boiler; that the cross piece 16 twisted and bent as shown

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and described, provides in a simple manner the means for attaching the handle to the tray, and the hook by which the tray is suspended; that the hand-grip 13 permits of the tray being raised and lowered without danger of burning the hands; and that the transverse brace 16 increases the rigidity of the structure and retains the grip permanently in its operative position relative to the body member.

Having thus described my invention, what I claim and desire to secure by Letters Patent is:

1. A clothes drainer of the character described comprising a clothes-support and a handle pivotally connected at an end thereof, said handle consisting of a body-member composed of a single piece of wire bent and formed to provide a pair of arms, a suspen-

sion-hook intermediate of said arms and pivot-loops at the lower ends of the same, and a hand-grip connected at the upper ends of the arms.

2. A clothes drainer of the character described, comprising a clothes-support and a handle pivotally connected at an end thereof, said handle consisting of a body-member composed of a single piece of wire bent and formed to provide a pair of arms, a cross piece intertwined with the lower portions of the arms and bent downwardly intermediate of the same to form a suspension hook, and a hand-grip connected at the upper ends of the arms.

In testimony whereof I have affixed my signature.

EDWARD W. HACKNEY.