No. 863,776. PATENTED AUG. 20, 1907.

J. C. BLIEMEISTER.

CLOTHES DRAINER.

APPLICATION FILED NOV. 7, 1905.

2 SHEETS—SHEET 1.

Fig. 1.

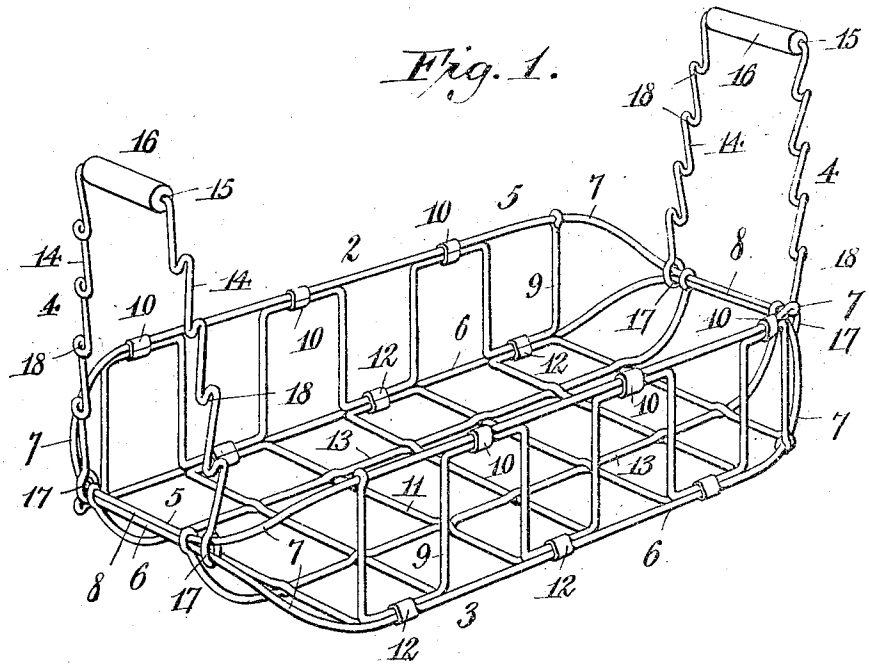
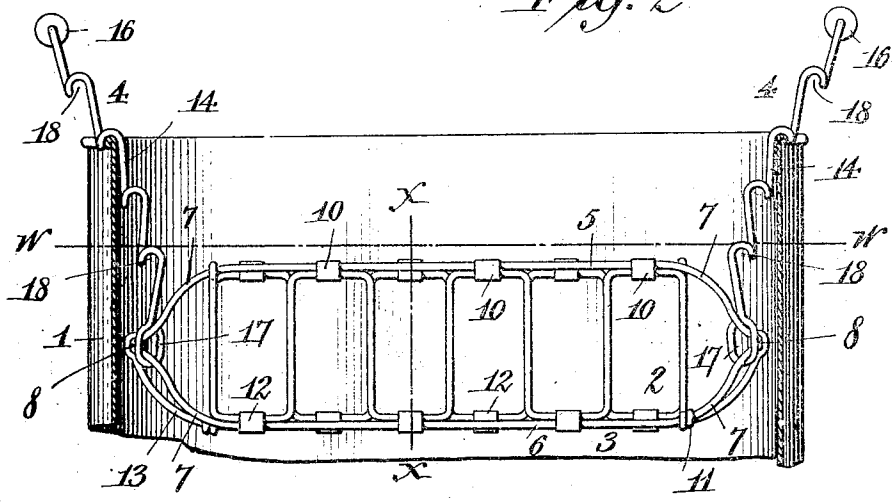


Fig. 2



Witnesses:

Julius Lanke

Harry Harris

John C. Bliemeister, Inventor.

By Emil Neukart

Attorney.

No. 863,776. PATENTED AUG. 20, 1907.

J. C. BLIEMEISTER.

CLOTHES DRAINER.

APPLICATION FILED NOV. 7, 1905.

2 SHEETS—SHEET 2.

Fig. 3.

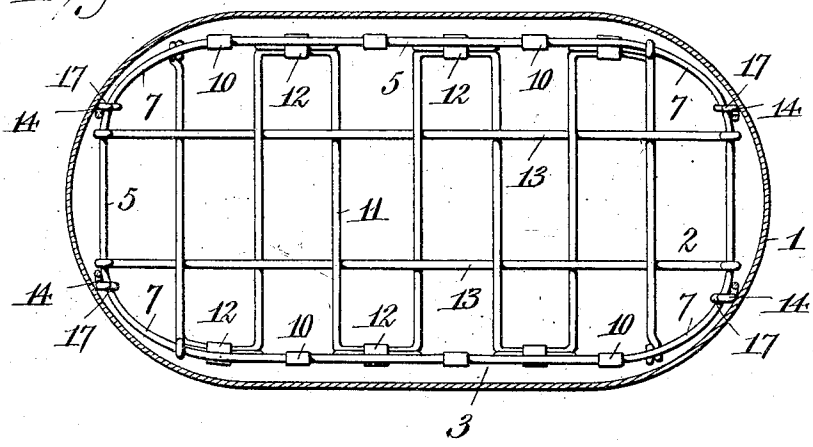


Fig. 4.

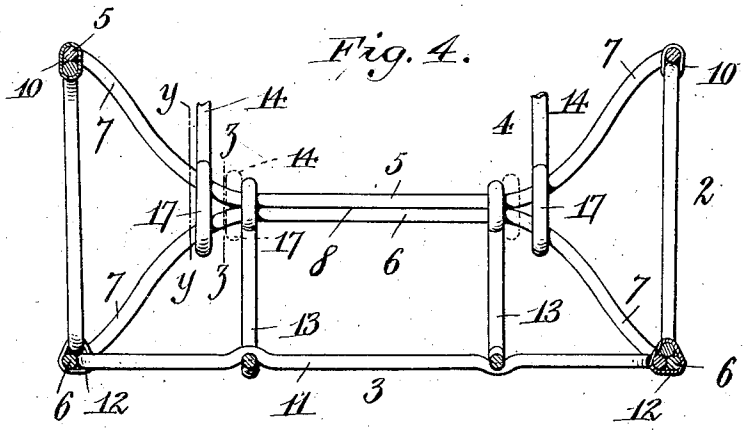


Fig. 5.

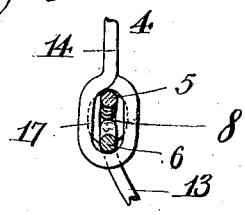
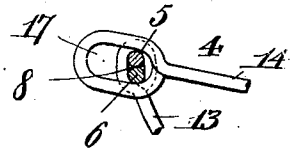


Fig. 6.



Witnesses:

Julius Lanka

Harry Harris

John C. Bliemeister, Inventor.

By Emil Neuhart

Attorney.

UNITED STATES PATENT OFFICE.

JOHN C. BLIEMEISTER, OF BUFFALO, NEW YORK.

CLOTHES-DRAINER.

No. 863,776. Specification of Letters Patent. Patented Aug. 20, 1907.

Application filed November 7, 1905. Serial No. 286,207.

To all whom it may concern:

Be it known that I, JOHN C. BLIEMEISTER, a citizen of the United States, residing at Buffalo, in the county of Erie and State of New York, have invented certain new and useful Improvements in Clothes-Drainers for Washboilers, of which the following is a specification.

My invention relates to clothes-drainers to be used in connection with wash-boilers, and its object is the production of a simple, inexpensive, and thoroughly reliable device of this character which can be quickly and conveniently introduced into a boiler to support the clothes and in which simple and convenient means is provided for elevating the device above the water to cause the clothes supported therein to drain.

This device is of that type comprising a receptacle, and supporting and carrying-handles, and it also has for its objects the production of a light receptacle of open-work construction in which sides are provided to confine the clothes and hold the same out of contact with the walls of the boiler, and in which the ends are rounded or tapered at the top and bottom to permit of first elevating one end of the drainer and then the other, thereby rendering the drainer much easier to handle, and without the necessity of lifting the entire weight when elevating the drainer; and to provide means in the construction of the drainer whereby the handles or supports are maintained in an elevated position.

With these objects in view, the invention consists in the construction, arrangement and combination of parts to be hereinafter described and more particularly pointed out in the appended claims.

In the drawings,—Figure 1 is a perspective view of my improved drainer. Fig. 2 is a side elevation of the same and a vertical longitudinal section through the upper part of a wash-boiler, to illustrate the manner of using the drainer. Fig. 3 is a horizontal section taken on line *w—w*, Fig. 2. Fig. 4 is an enlarged transverse section taken on line *x—x*, Fig. 2. Fig. 5 is a vertical section taken on line *y—y*, Fig. 4. Fig. 6 is a vertical section taken on line *z—z*, Fig. 4, the handle being shown in the position dotted in said figure.

Referring now to the drawings in detail, like numerals of reference refer to like parts in the several figures.

The reference numeral 1 designates the wash-boiler into which my improved drainer 2 is to be placed. The drainer comprises an open-work basket or receptacle 3 formed of wire, and supporting or carrying-handles 4 secured to opposite ends of said basket or receptacle. The latter comprises a top and a bottom frame 5, and 6, respectively, which are formed of wire and curved at the corners, as at 7. The sides of said frames are separated and at the ends are brought together, at 8, by curving the same to meet in a plane midway between the frames at the sides, or in other words, at the horizontal center of the basket or receptacle. The two frames are connected at the sides by a wire 9 bent in zig-zag form and secured to the upper frame by suitable clips 10. A wire 11 bent into zig-zag form connects the side stretches of the lower frame, and by means of suitable clips 12, the wires 9 and 11 forming the sides and part of the bottom, respectively, are secured to said lower frame. Longitudinally disposed wires 13 are interwoven with the wire 11 and the ends thereof are curved upward and bent around the two frames where they meet at the ends of the basket. In this manner the frames are securely bound together and diverge laterally from their points of connection with said longitudinal bars. By curving the frames at their ends so as to meet, the ends of the baskets are rounded at the top and bottom, for a purpose to be disclosed hereinafter.

Each supporting or carrying handle 4 comprises side arms 14 connected at the top by a cross-arm 15 having a wooden or other suitable grasp 16, and having its lower ends formed into oval or elongated loops 17 which embrace the frames 5 and 6 of the basket, where they are slightly separated. The side arms 14 are curved slightly, as shown in Fig. 2, and provided with a series of hooks 18 arranged in pairs, so that by engaging said hooks with the edge of the wash-boiler, the basket may be suspended in the boiler. The side arms of the handles are made yielding laterally, in order to permit of forcing them inward so that the loops 17 may be moved to a point where the two frames are in contact, as shown in dotted lines, Fig. 4. This will permit the handles to be swung into the basket, or underneath the basket, as may be desired. When the handles are swung into either of these positions, any pressure or weight that may be brought to bear on them would be in the direction of the curve of the handles, so that they will spring into their normal position, when the pressure or weight is released. If, however, the handles remain sprung, it will not affect the proper working of the device. By reason of the width of the openings in the loops 17 being less than the distance between the top of the upper frame and the bottom of the lower frame at the points where the side arms of the handles are normally held, the latter are maintained in an elevated position and it is therefore necessary to spring the side arms toward each other until the loops reach a point where the frames contact, or almost come in contact. At such points the distance between the top of the upper frame and the bottom of the lower frame is equal to or less than the width of the openings in the loops, which allows the handles to be tilted, as may be desired.

In using the device, the basket is placed in the wash-boiler so as to rest on the bottom thereof, or it may be suspended from the uppermost hooks of the handles. It is intended that the basket shall fit closely within the boiler so as to avoid waste space, as much as possible.

The sides of the basket retain the clothes so as to prevent their bearing against the sides of the boiler, which would induce considerable resistance and render the drainer hard to elevate. By rounding or tapering the ends of the basket at the top and bottom, the device is rendered easy to manipulate; it being simply necessary to elevate one end of the drainer and engage a lower set of hooks at that end with the edge of the boiler. This places the drainer on an incline, rendered possible by the rounded end of the basket and the rounded upper edge at the opposite end of the same. The opposite end may now be elevated and a lower set of hooks engaged with the edge of the boiler. In this manner the weight of the clothes is divided and the drainer elevated above the water in the boiler without inconvenience or much effort. When drained and cool, the clothes may be removed with the hands.

Having thus described my invention, what I claim is,—

1. A clothes-drainer for wash-boilers comprising an open-work receptacle having an upper and a lower frame separated at the sides and curved at the ends to meet, suitable sides and a bottom, and means to suspend said receptacle within the boiler.

2. A clothes-drainer for wash-boilers comprising a wire receptacle having an upper and a lower frame separated at the sides and curved at the ends to contact, and supporting handles at the ends having loops embracing said frames.

3. A clothes-drainer for wash-boilers comprising a wire receptacle having an upper frame and a lower frame separated at the sides and converging at the ends to contact, and supporting handles at the ends having elongated loops embracing said frames at points adjacent the contacting portions thereof.

4. A clothes-drainer for wash-boilers comprising a wire receptacle consisting of an upper frame and a lower frame separated at the sides and converging at the ends to contact, and supporting handles having laterally yielding side arms provided with means to suspend the receptacle within the boiler and having elongated loops at their lower ends embracing said frames at points adjacent the contacting portions thereof.

5. A clothes-drainer for wash-boilers comprising a wire receptacle consisting of an upper frame and a lower frame separated at the sides and converging at the ends to contact, said frames being connected at the sides by wire suitably bent to form open sides, the side stretches of the lower frame being connected by wire to form the bottom, longitudinally disposed wires entwined in the wire forming the bottom and having their ends curved upward with the extremities thereof wound around the contacting portions of the frames, and supporting handles secured to the receptacle.

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

JOHN C. BLIEMEISTER.

Witnesses:
MAY F. SEWART,
EMIL NEUHART.