

No. 812,884.

PATENTED FEB. 20, 1906.

F. P. SAGER.
CLOTHES DRAINER.

APPLICATION FILED JAN. 27, 1904.

Fig. 1.

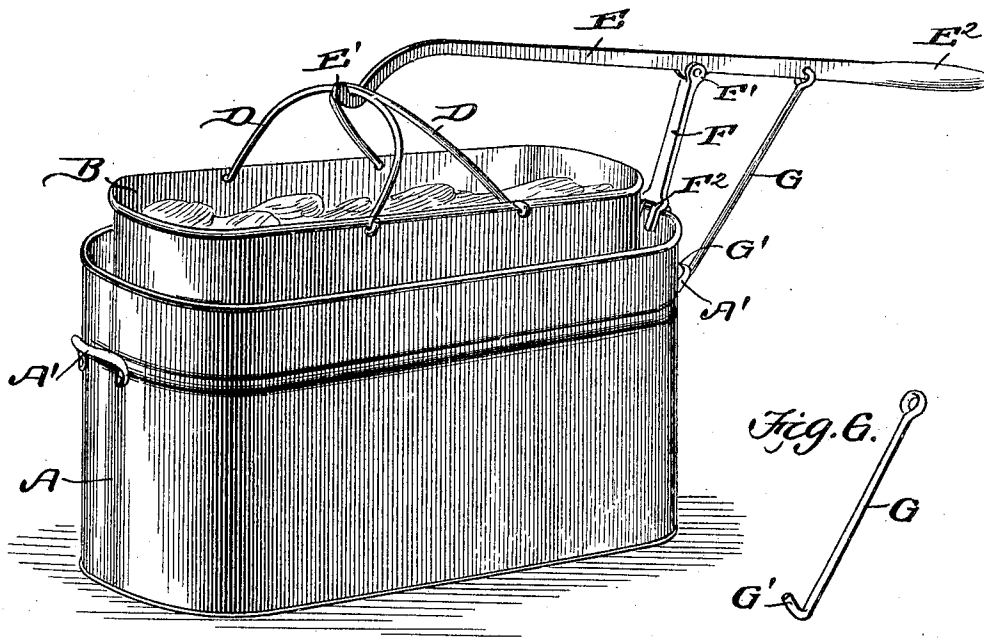


Fig. 2.

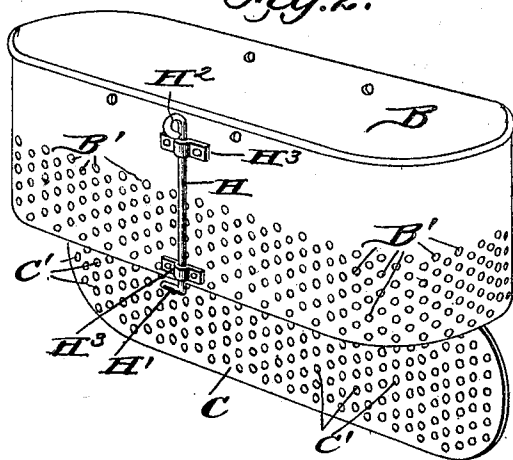


Fig. 3.

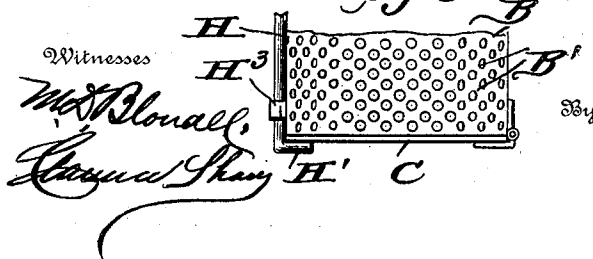


Fig. 4.

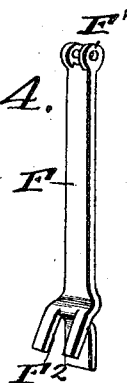
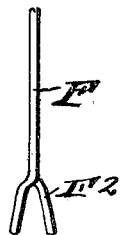


Fig. 5.



Inventor

F. P. Sager.

Wm. A. Brock
Attorneys

UNITED STATES PATENT OFFICE.

FRANKLIN PIERCE SAGER, OF MAPLEWOOD, OHIO.

CLOTHES-DRAINER.

No. 812,884.

Specification of Letters Patent.

Patented Feb. 20, 1906.

Application filed January 27, 1904. Serial No. 190,797.

To all whom it may concern:

Be it known that I, FRANKLIN PIERCE SAGER, a citizen of the United States, residing at Maplewood, in the county of Shelby and State of Ohio, have invented a new and useful Clothes-Drainer, of which the following is a specification.

This invention is an improved construction of clothes-drainer to be used in connection with a washboiler and by means of which all the water can be drained from the clothes after they have been boiled sufficiently. The common method is to lift the clothes out of the boiler one piece at a time by means of a clothes-stick; but this operation requires a great deal of time, inasmuch as it requires the operator to hold the clothes above the boiler for the purpose of permitting the water to drain from the clothes back into the boiler, and after each piece has been drained sufficiently it is dropped into a tub or other receptacle, and inasmuch as it is impossible to effectively drain each piece it is obvious that a considerable amount of water is bound to accumulate in the tub or receptacle into which the clothes are dropped.

The object of my invention is to avoid all these objections, and with this object in view my invention consists, essentially, in the employment of a perforated receptacle adapted to be arranged in an ordinary washboiler and contain the clothes while being boiled, said perforated receptacle having a perforated hinged bottom, handles attached to the top of the perforated receptacle, said handles being adapted to be engaged by a lever having a hook end, said lever being pivotally connected to a fulcrum-bar which is adapted to be supported upon the top of the washboiler proper, said lever being also provided with a hooked rod adjacent the handle, which hooked rod is adapted to engage the handle upon the end of the washboiler for the purpose of supporting the lever in such position as to hold the perforated receptacle elevated within the washboiler, thereby permitting the clothes within said receptacle to be thoroughly drained, the hinged bottom being secured by means of a suitable latch or bolt, which can be disengaged whenever it is desired to remove the clothes from the perforated receptacle.

The invention consists also in certain details of construction and novelties of combination, all of which will be fully described hereinafter and pointed out in the claim.

In the drawings forming a part of this specification, Figure 1 is a perspective view showing the practical application of my invention. Fig. 2 is a detail perspective view of the perforated receptacle, the bottom being opened. Fig. 3 is a detail view showing the lower portion of the perforated receptacle, the bottom being closed. Fig. 4 is a detail perspective view of the fulcrum-bar. Fig. 5 is a side view of the lower end of the same, and Fig. 6 is a detail perspective view of the hooked rod.

In carrying out my invention I employ an ordinary construction of washboiler A, having the usual construction of handles A' at its opposite ends. Within the washboiler A is arranged a receptacle B, of substantially the same shape as the boiler, but somewhat smaller in size, so that it can be easily moved into and out of the said boiler. This receptacle B has a bottom C hinged thereto, and it will be noted that the receptacle is formed with a series of perforations B', which extend about half-way up the side, and the bottom is formed with perforations C'.

By having the bottom and sides of the receptacle perforated it is obvious that the clothes contained within said receptacle will be thoroughly drained when the said receptacle is raised sufficiently to clear the water in the washboiler. The clothes are held in the perforated receptacle during the boiling operation, and when the clothes have been boiled sufficiently the perforated receptacle is raised and held in such position until the clothes have been thoroughly drained, and for the purpose of raising and holding said receptacle I provide the same with handles or bails D, which are engaged by a lever E, having a hooked end E', which hooks under or engages the handles or bails of the receptacle.

The opposite end of the lever is shaped into or provided with a suitable handle E². This lever may be made of any desirable material, and in the drawings I have indicated said lever as constructed from a piece of bar-iron. This lever is pivotally connected to a fulcrum-bar F, bifurcated and provided with ears F' at its upper end and between which the lever is pivoted, the lower end of said fulcrum-bar being split and bent, as shown at F², in order to provide a fork which is adapted to straddle and fit upon the top of the washboiler, as most clearly shown in Fig. 1. A rod G is pivotally connected to the lever adjacent the handle, the lower end of said rod

being bent to form a hook G', which is adapted to engage the handle A' at the end of the washboiler when the lever is raised for the purpose of raising the perforated receptacle 5 above the water in the washboiler, and by hooking the rod into the washboiler-handle the operator can proceed with any other work while the clothes are being drained. The bottom of the receptacle B is normally 10 held closed by means of a bolt or latch H, having a right-angular end H', which rests below the bottom, and at its upper end the bolt is provided with a loop or handle H². This bolt is connected to the sides of the receptacle by means of clips H³. When it is 15 desired to discharge the contents of the receptacle after they have been thoroughly drained, it is only necessary to turn the bolt so as to disengage the end H' from the bottom, and said bottom will then open and discharge all of the clothes at one time, thereby 20 saving a great deal of time and labor.

It will thus be seen that I provide an improved construction of clothes-drainer to be 25 used in connection with an ordinary wash-

boiler and which will carry out all the objects hereinbefore referred to and which will remedy all of the objections incidental to the ordinary method of removing clothes from a washboiler.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is— 30

The combination with a wash-boiler, having handles at its ends, of a perforated receptacle within the boiler, provided with bails, a lever having a hook at one end for engaging the bails of the receptacle, a fulcrum-bar pivoted to the lever intermediate of its ends, said bar having a fork end formed of three 40 members for engaging the upper edge of the boiler, and a rod pivoted to the lever at one side of the fulcrum-bar, and having a hook at its end adapted to one of the handles of the boiler, substantially as shown and described. 45

FRANKLIN PIERCE SAGER.

Witnesses:

R. W. DIVENS,
W. E. SMITH.