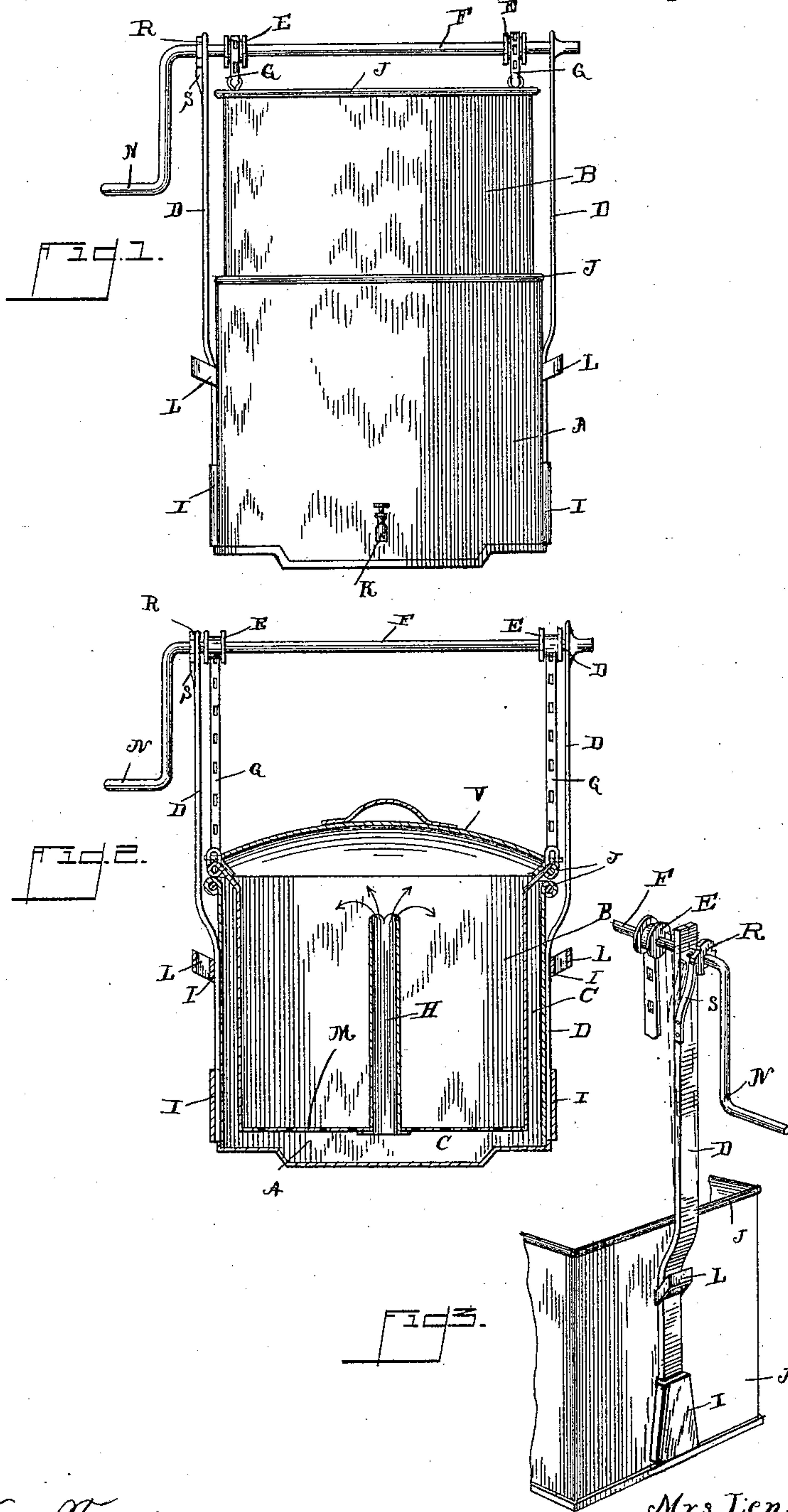


(No Model.)

L. JONES.
WASH BOILER.

No. 459,549.

Patented Sept. 15, 1891.



Witnesses

Chas. A. Ford.

W. J. Collamer.

By her Attorneys,

Chas. Snow & Co.

Inventor

Mrs. Lena Jones

UNITED STATES PATENT OFFICE.

LENA JONES, OF LORDSBURG, TERRITORY OF NEW MEXICO.

WASH-BOILER.

SPECIFICATION forming part of Letters Patent No. 459,549, dated September 15, 1891.

Application filed April 22, 1891. Serial No. 390,014. (No model.)

To all whom it may concern:

Be it known that I, LENA JONES, a citizen of the United States, residing at Lordsburg, in the county of Grant and Territory of New Mexico, have invented a new and useful Wash-Boiler, of which the following is a specification.

This invention relates to domestic boilers, and the object thereof is to produce certain improvements therein.

To this end the invention consists in the details of construction hereinafter more fully described and claimed, and as illustrated on the sheet of drawings, wherein—

Figure 1 is a side elevation of this improved boiler with the clothes-receptacle raised. Fig. 2 is a central longitudinal section of the same with the receptacle lowered. Fig. 3 is an enlarged perspective detail of the ratchet-standard.

Referring to the said drawings, the letter A designates the wash-boiler proper, which is an imperforate boiler of tin or sheet-iron and of the desired size and shape. Within the same is the clothes-receptacle B, having a perforated bottom M, and the upper edges J J of these two members are turned outwardly over a wire bead, as shown in Fig. 2. The receptacle fits within the boiler in such a manner as to leave a surrounding space C for the water, and a pipe H, rising from the bottom of the receptacle, through which it opens, allows the steam to pass off, as will be clear. The boiler is preferably provided with handles L, by which it may be lifted, as usual.

I I are brackets on the ends of the boiler, and in these brackets are removably located uprights D D, through whose upper ends is journaled a shaft F, having grooved wheels E E just inside the uprights and provided on one end with a crank-handle N.

G G are chains connected to the ends of the receptacle and extending thence upward, where they connect with the wheels E E. Obviously when the crank N is turned the receptacle will be elevated and whatever clothes are therein will be raised out of the water, where the operator can have ready access to them without danger of burning her hands;

also, as the receptacle is raised the water therein runs through the perforated bottom M back into the boiler.

V is a cover for the receptacle, and this also covers the boiler when the receptacle is lowered.

Upon the shaft F is a ratchet-wheel R, and secured to one of the uprights is a spring S, normally engaging the ratchet-wheel and preventing the lowering of the receptacle by its gravity. However, as the uprights are to a certain degree springy, when it is desired to lower the receptacle the one carrying the spring is pushed slightly inward, and this moves the spring laterally off the teeth of the ratchet, as shown in dotted lines in Fig. 3. K is a cock in the boiler for drawing off water; but this may be omitted, if preferred.

The entire device is simple and easy to operate. It may be made of block-tin, sheet-iron, galvanized iron, zinc, or other suitable material, and considerable change from the details of construction may be made without departing from the spirit of my invention.

What is claimed as the salient features are—

The combination, with the boiler, the brackets at the ends thereof, the flexible uprights removably mounted in said brackets, the shaft loosely journaled in said uprights and having a crank at one end, and the grooved wheels on said shaft, of the perforated clothes-receptacle fitting loosely within said boiler, chains connecting the ends of said receptacle with said wheels, a ratchet-wheel on the shaft adjacent one of the uprights, and a spring on the latter normally engaging said ratchet-wheel, the upright being adapted to be sprung inward to carry the spring-pawl laterally off of the wheel, as and for the purpose hereinbefore set forth.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in presence of two witnesses.

LENA JONES.

Witnesses:

R. B. JONES,
ROBERT WATSON.