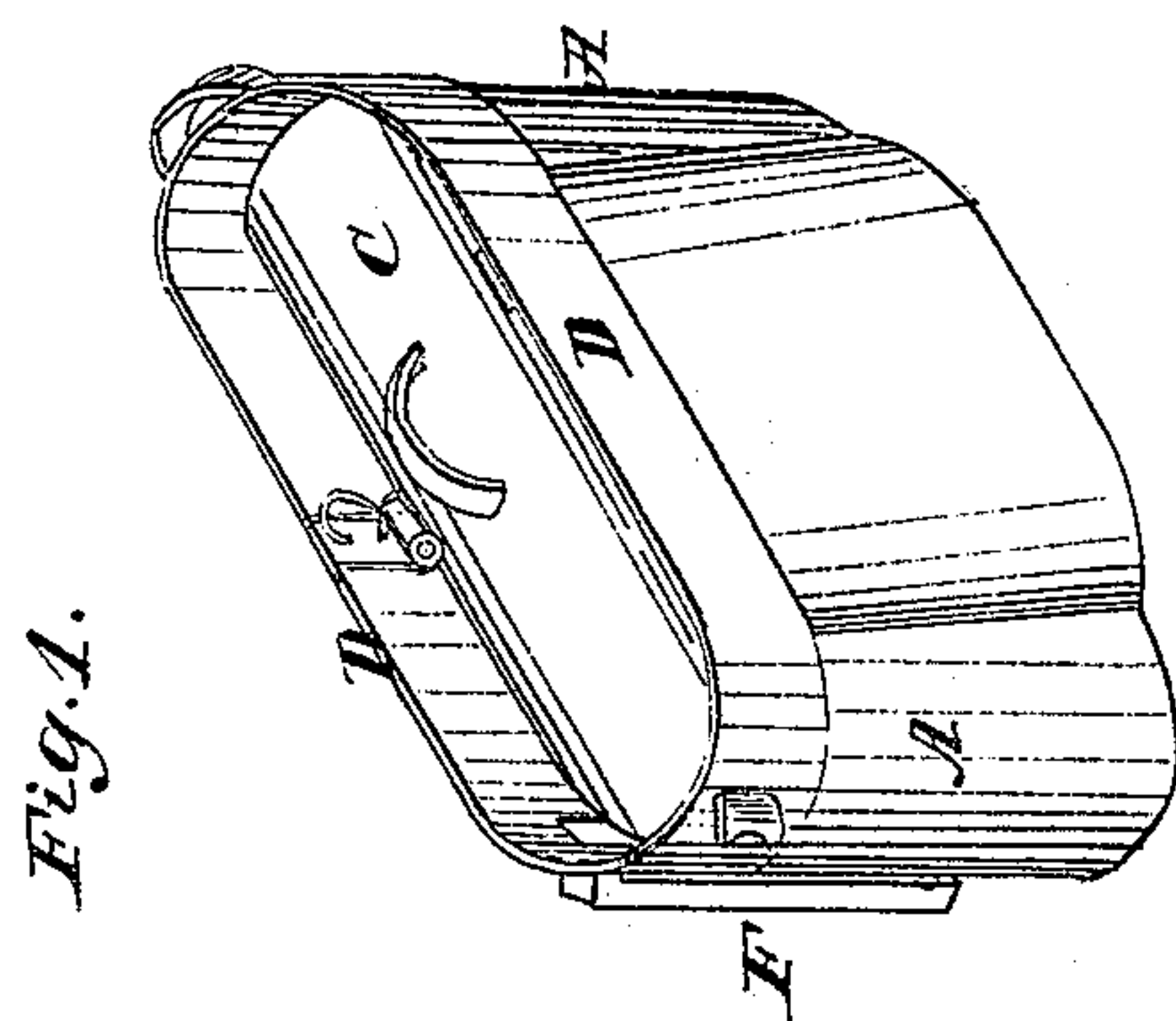
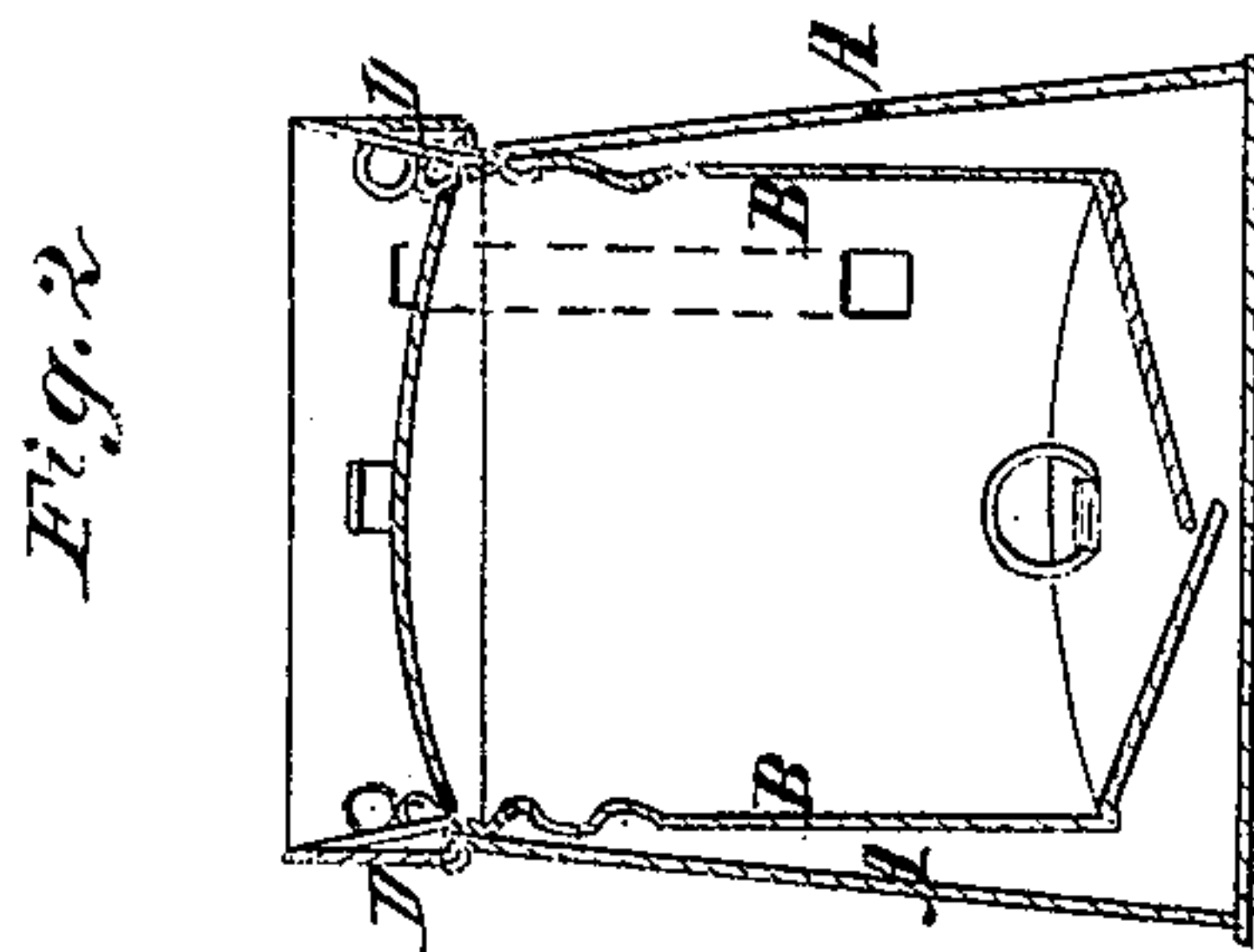
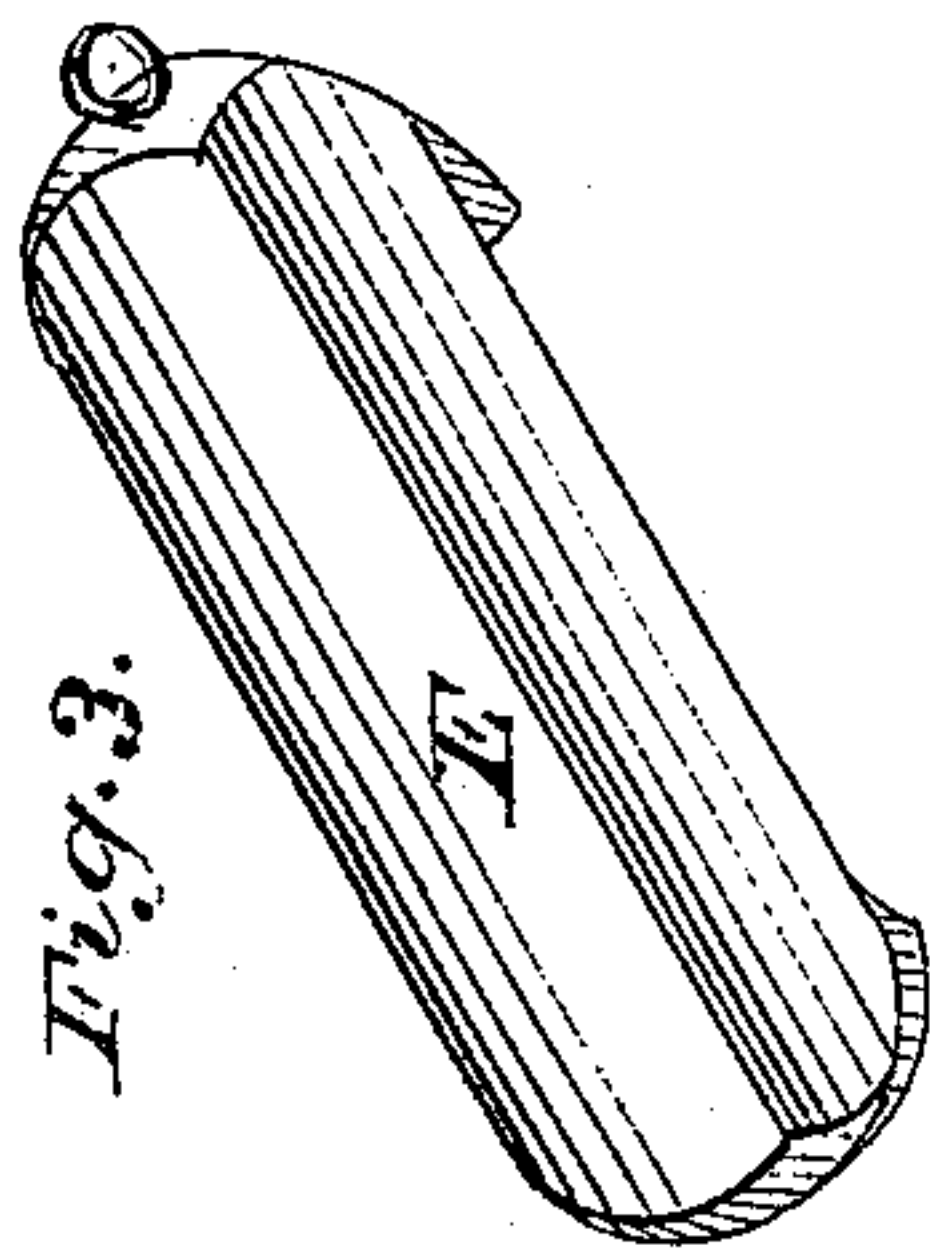


I. D. Seeley,
Wash Boiler,
No 85,483, Patented Dec. 29, 1868.



Witnesses:
G. F. Glauert.
A. Ruppert.

Inventor:
I. D. Seeley
D. P. Murray & Co

United States Patent Office.

I. D. SEELEY, OF HUDSON, WISCONSIN.

Letters Patent No. 85,483, dated December 29, 1868.

IMPROVEMENT IN WASH-BOILERS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, I. D. SEELEY, of Hudson, in the county of St. Croix, State of Wisconsin, have invented a new and useful Improvement in Wash-Boilers; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making part of this specification, in which—

Figure 1 is a perspective view of the boiler.

Figure 2 is a transverse vertical section through the centre thereof.

Figure 3 is a perspective view of the water-deflector, which is placed in the bottom of the boiler.

Corresponding letters refer to corresponding parts in the several figures.

My present invention relates to that class of wash-boilers in which provision is made for the circulation of the water from the bottom to near the top thereof, and then allowing it to fall in streams or jets upon the clothes which are being cleansed within said boiler; and

It consists in providing tubes or passages for the return of the water that rises above the cover of the boiler, when in use, to the body of such boiler, at a point below such cover.

A is the body of the boiler, which is of usual form and construction, except that it has upon its sides chambers, formed by securing thereto plates of metal, in such a manner as to leave a sufficient space, between them and the sides of the boiler, for the passage of the water upward, through said chambers, to perforations, formed in or near the top of the boiler, through which the water returns to the body of the boiler, and upon the clothes contained therein.

B B are the plates, above referred to, there being one upon each side of the boiler, and each forming a passage for the water, as above indicated.

C is the cover of the boiler, which is of usual construction, and is held in place by dogs or ears, pivoted to the upper edge of the boiler, and so arranged that they may be turned inwards, and their ends made to press upon said cover.

D is a rim or flange, extending entirely around the

boiler, to the upper edge of which it is secured in such a manner as to extend above the top of the boiler proper a distance sufficient to enable it to form a reservoir, for the reception of any water which may be forced up around the cover while the boiler is in use.

E is a double flange or deflector, which is placed in the boiler, and is arranged as shown in fig. 2, so that the water, after having passed down through and amongst the clothes, is allowed to collect in the boiler below said deflector, from whence it is directed to the side chambers or passages, through which it passes upwards, and is delivered upon the clothes, as above described.

F is a tube or passage, (of which there may be one or more,) the upper end of which communicates with the reservoir or space above the cover, while the lower end thereof communicates with the body of the boiler at a point below said cover, the purpose of such tube or passage being to convey any water which rises into such reservoir or space past the cover of the boiler, back into the space below such cover, and thus prevent it from running down the sides of the boiler, and upon the stove, as it has heretofore been allowed to do, thus filling the room with steam and unpleasant odors.

This boiler is provided with handles, for the purpose of moving it, and they are such as are usually applied for like purposes.

Having thus described my invention,

What I claim, and desire to secure by Letters Patent, is—

A tube or passage, the upper end of which communicates with the space above the cover of a wash-boiler, while its lower end communicates with the interior of such boiler, below such cover, substantially as and for the purpose described.

In testimony whereof, I have signed my name to this specification, in presence of two subscribing witnesses.

I. D. SEELEY.

Witnesses:

D. E. RICHARDSON,
JOHN C. MATHEWS.