

ISABELLA C. SCHRAMM.
Wash-Boiler Attachments.

No. 140,546.

Patented July 1, 1873.

Fig. 1.

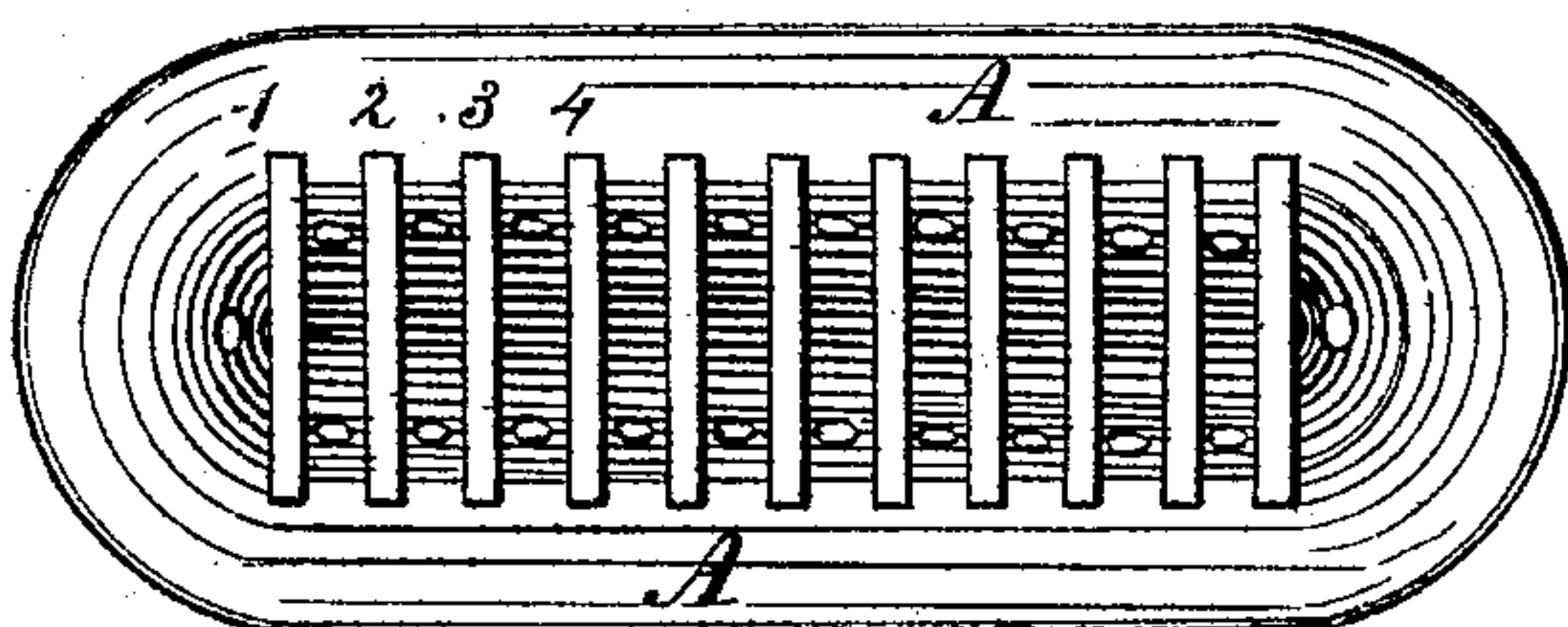
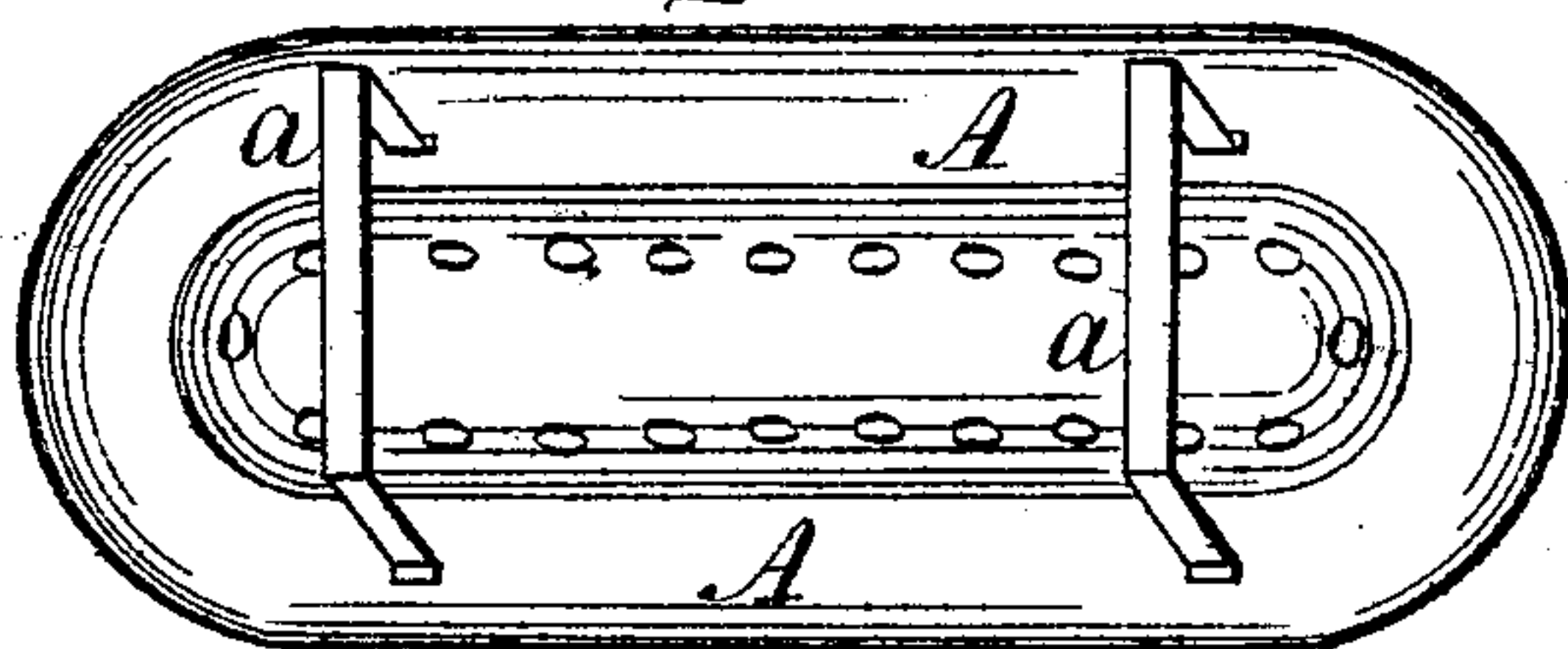


Fig. 2.



Witnesses.

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UNITED STATES PATENT OFFICE.

ISABELLA C. SCHRAMM, OF DES MOINES, IOWA.

IMPROVEMENT IN WASH-BOILER ATTACHMENTS.

Specification forming part of Letters Patent No. **140,546**, dated July 1, 1873; application filed November 15, 1872.

To all whom it may concern:

Be it known that I, ISABELLA C. SCHRAMM, of Des Moines, in the county of Polk and State of Iowa, have invented an Attachment for Boilers for the purpose of Washing, of which the following is a specification:

The object of my invention is to provide a cheap and simple device that can be placed in a wash-boiler to keep a free space for water underneath the clothing, and to aid in the alternate passage of steam and water through the clothing. It consists in a sheet-metal plate, made to conform with the shape of the boiler, with its central part depressed, and perforated and covered with bars, and feet attached on the under side, in the manner hereinafter fully set forth.

Figure 1 of my drawing is a perspective view, showing the upper side of my attachment.

A A is the sheet-metal plate. The central part is sunken by press and dies in a manner common to wash-boilers. The perforations may be made by any suitable means, and may vary in size and number, but should be at regular intervals between the bars. 1 2 3 4 represent a series of bars, formed by doubling strips of tin. They are placed across the sunken portion of the plate A A, and soldered

fast at the ends. The plate is designed to rest on feet, and to produce a water-chamber between the plate and the bottom of the boiler. These bars are designed to keep the mass of clothing from a portion of the plate, and to form a second water and steam chamber within the first and larger water-chamber.

Fig. 2 shows the under side of my attachment, and illustrates the manner of attaching the feet. *a a* are the feet, formed of strips of tin, with edges doubled over or wired to stiffen them. The ends are bent at right angles, soldered or riveted to the bottom, and near the ends of the plate A A. They are designed to keep the plate several inches above the bottom of the boiler. Precision in the space between the plate and the bottom of the boiler is not required, and the length and form of the feet may consequently vary.

I claim as my invention—

A washing device, composed of the plate A A with fixed feet *a a*, and a depressed perforated center, and a series of bars, 1 2 3 4, over the depressed part, substantially as described, and for the purposes specified.

ISABELLA C. SCHRAMM.

Witnesses:

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