

C. R. Arnold,

Wash Boiler.

No. 89,726.

Patented May 4, 1869.

Fig. 1.

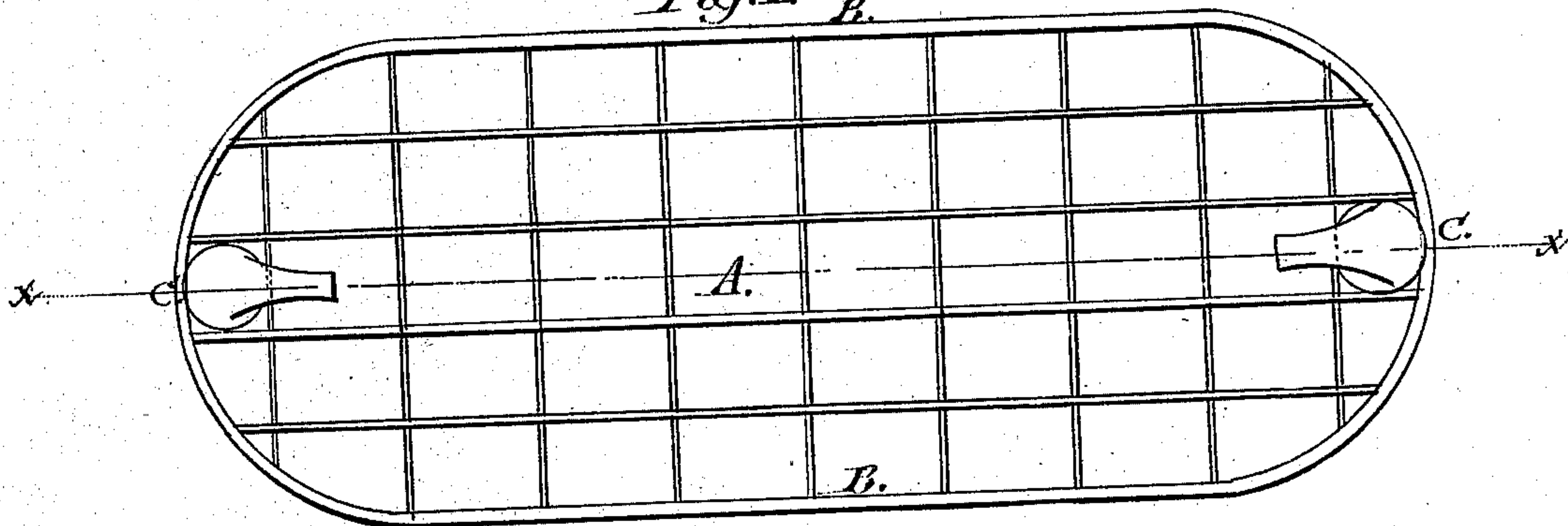
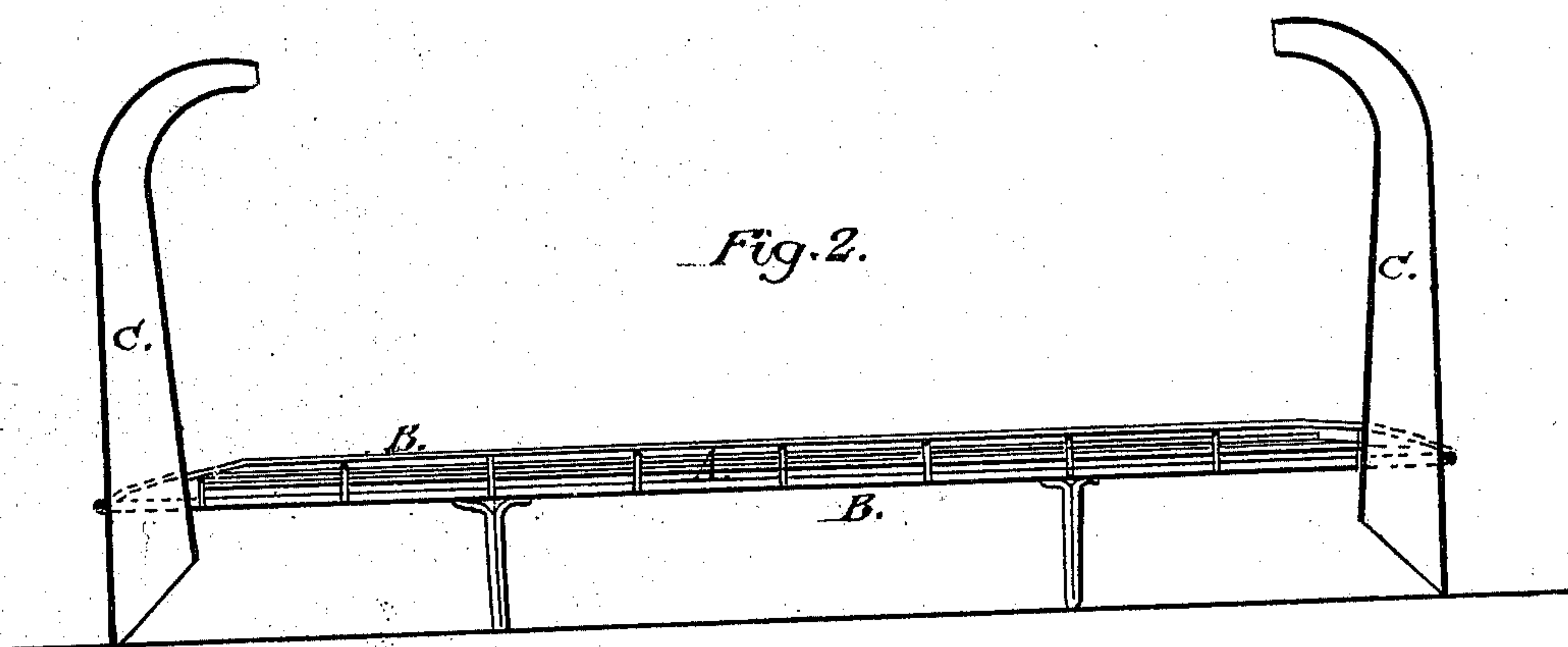


Fig. 2.



WITNESSES:

Jerse Zepf
C. H. Bishop

INVENTOR:

Chas R. Arnold.
Prindle and Dyer.
Atty.

United States Patent Office.

CHARLES R. ARNOLD, OF HAMILTON, ILLINOIS.

Letters Patent No. 89,726, dated May 4, 1869.

WASH-BOILER.

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, CHARLES R. ARNOLD, of Hamilton, Hancock county, Illinois, have invented a new and improved Automatic Washer for Wash-Boilers; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is a plan view of said automatic washer.

Figure 2 is a vertical longitudinal section of the same, on the line *x x* of fig. 1.

Letters of like name and kind refer to like parts in each of the figures.

My invention relates to a class of devices known as automatic wash-boilers, and consists in providing a suitable frame for supporting the clothes intended for washing within the boiler, in connection with pipes for conducting water from below to the upper side of said clothes, and so constructed as to allow of its application to any wash-boiler.

The washer A is composed of an external rim, B B, of any suitable metal, and of a size and shape to fit closely to the inside of a wash-boiler, with strips across said rim, basket-fashion, of cord wire, or narrow strips of any suitable material, secured at either end to the external rim. This frame, thus constructed, stands upon feet attached to said rim B B, so that when the feet are resting upon the bottom of the boiler, the frame will be about one-fourth of the depth of the boiler from the bottom of it.

At each end of the frame, and secured to inner sides of the rim, and to the strips or slats, are spouts,

of tin or other suitable material, C C, decreasing in size from the bottom to the top, standing upright upon the bottom of the boiler, with their tops curved in toward the centre thereof. These spouts are cut diagonally at the bottom of each, from inside to outside, so as to leave a space for water and steam to enter them, and may be made from two to three inches at the largest diameter, and of such height as will bring their tops to near the top of the wash-boiler.

When in use, the frame is placed in a wash-boiler, the feet resting upon the bottom of the same, and water poured in, rising to the frame. Then the soiled clothes are placed closely in the boiler upon the strips or slats, and pressed tightly together. When the water boils, the clothes form a packing, the water and steam rise in the spouts, flow out upon the clothes, and soak down through them to the bottom, returning again constantly, thus thoroughly cleansing the clothes without boiling them.

This device is simple, cheap, and more effective than any other.

I disclaim the use of perforated metal for false bottoms, and claim as my invention, and desire to secure by Letters Patent—

As an article of manufacture, the reticulated false bottom A, as above described, in combination with the spouts C C, for the purposes specified.

CHARLES R. ARNOLD.

Witnesses:

E. C. A. CUSHMAN,
GEO. H. ARNOLD.