

(No Model.)

H. R. STEVENS.
TANK FOR WINDMILLS.

No. 297,468.

Patented Apr. 22, 1884.

Fig. 1.

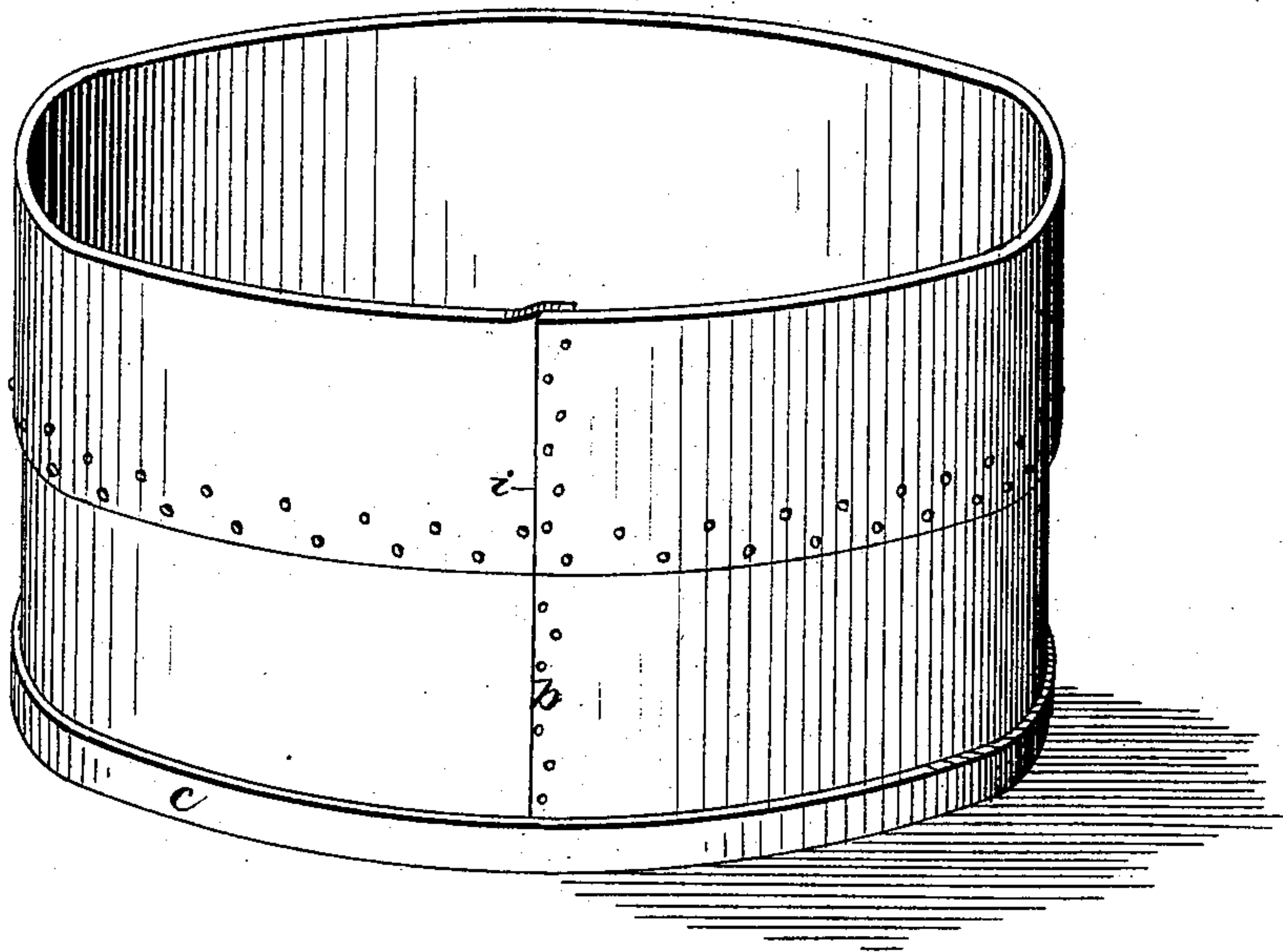


Fig. 2.

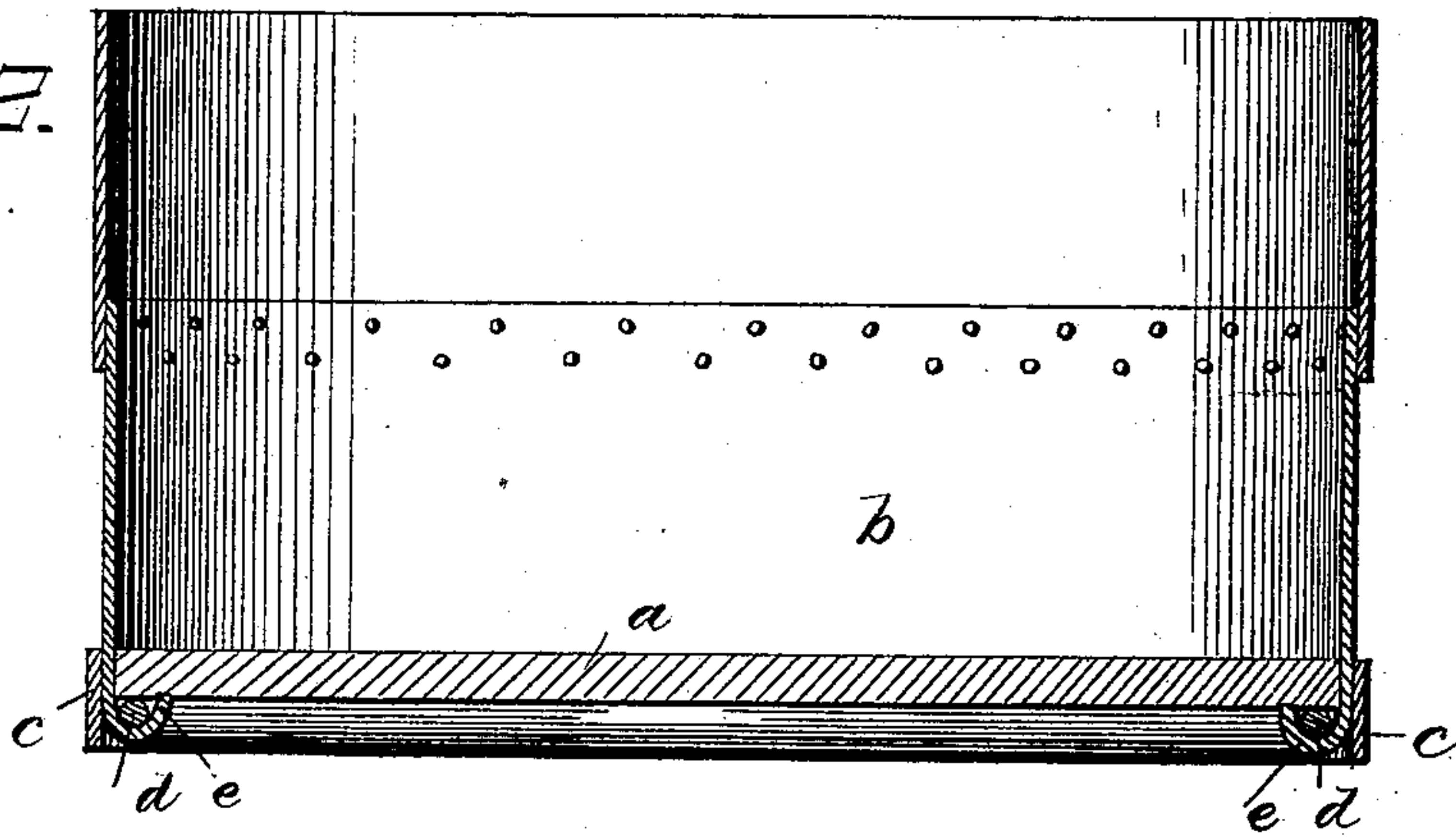


Fig. 3.

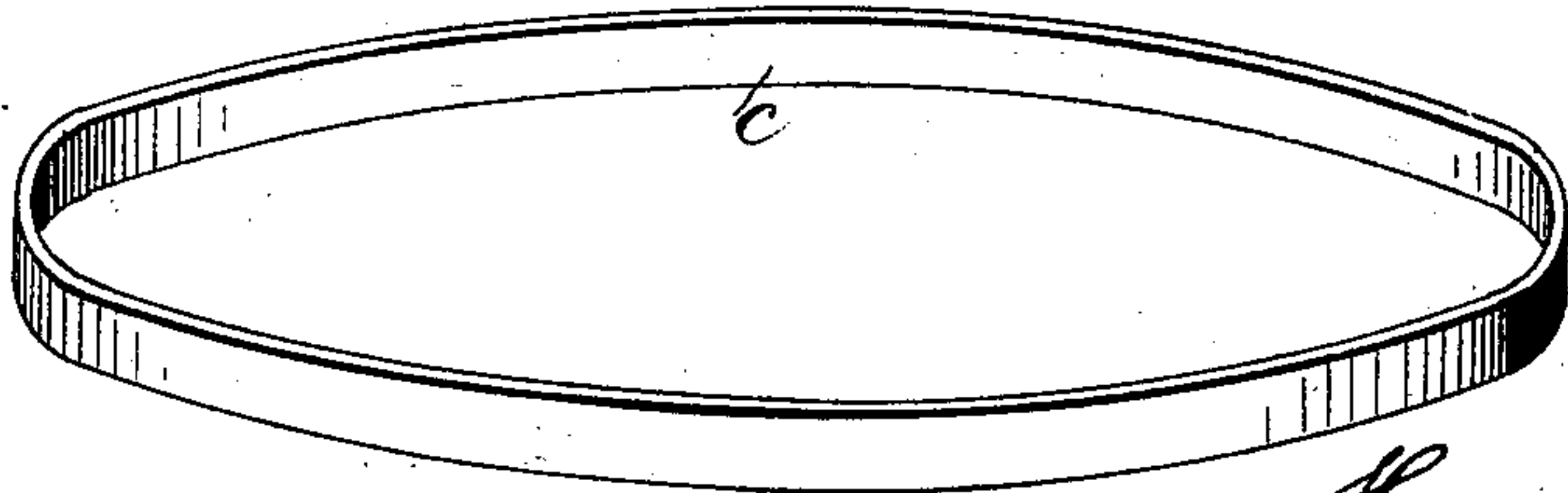
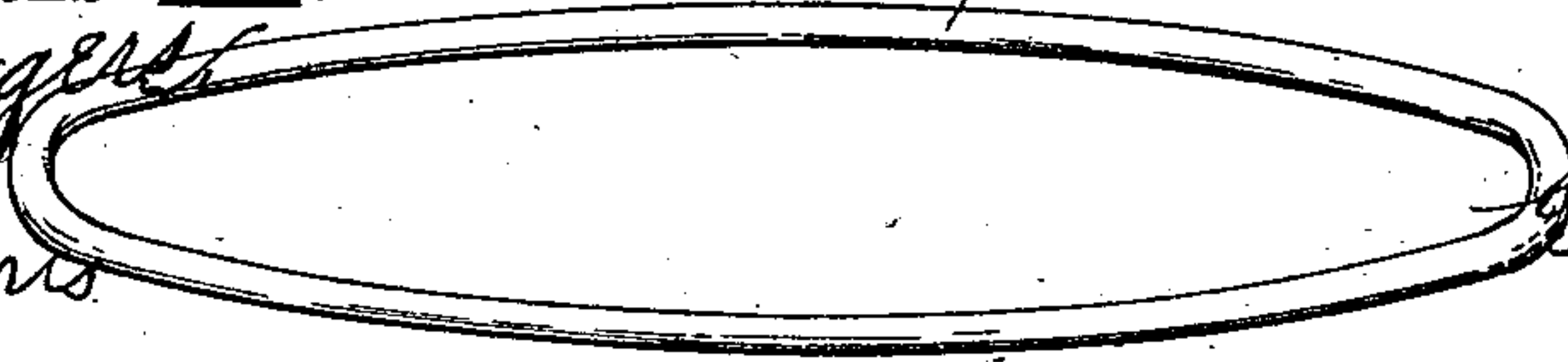


Fig. 4.



WITNESSES
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HARRY R. STEVENS, OF LOS ANGELES, CALIFORNIA.

TANK FOR WINDMILLS.

SPECIFICATION forming part of Letters Patent No. 297,468, dated April 22, 1884.

Application filed March 10, 1884. (No model.)

To all whom it may concern:

Be it known that I, HARRY R. STEVENS, a citizen of the United States, residing at Los Angeles, in the county of Los Angeles and State of California, have invented a new and useful Tank for Windmills, of which the following is a specification, reference being had to the accompanying drawings.

Heretofore the water-tanks used in connection with windmills for holding large quantities of water have been defective in this, that they have been either constructed with a wooden bottom and a wooden body composed of staves, which in the southern and southwestern sections of the United States will not stand exposure to the sun, as its action is such that the staves will be shrunk, and the tank will soon leak and fall to pieces, or they have been constructed wholly of sheet metal, which, by the expansion and contraction of the metal, soon breaks the bend at the union of the bottom and the body and renders the tank useless.

My object is to obviate these defects; and to this end the invention consists in the construction and arrangement of parts, as will be hereinafter fully described, and particularly pointed out in the claim.

Figure 1 is a view in perspective of the tank. Fig. 2 is a vertical sectional view. Fig. 3 is a view of the hoop, and Fig. 4 is a view of the strengthening-wire.

Referring by letter to the accompanying drawings, *a* designates the bottom of the tank, which is of redwood, or other suitable wood; and *b* is the body of the tank, which is made of two or more widths of sheet iron, galvanized, to give it the requisite height. The end edges of the widths united by rivets, as shown,

are then lapped and riveted together, forming the vertical seam *i*. The wooden bottom is driven down into the body to within about two and a quarter inches from its lower edge, and the hoop *c* is then driven over the body until it occupies the space directly opposite the edge of the bottom. The tank is then turned bottom uppermost, and the wire ring *d* is laid on the bottom within the projecting edge *e*, and the latter is then hammered in over the wire ring *d*, and its edge driven into the under face of the wooden bottom to clinch it and hold the wire and bottom securely in place.

This water-tank is simple, cheap, and durable, as it will not be injuriously affected by exposure to the weather.

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

The herein-described water-tank, consisting of the galvanized sheet-metal body, having the wooden bottom fitting tightly therein within a short distance of the lower edge of the body, in combination with the encircling-hoop directly opposite the edge of the wooden bottom, the wire ring below the under face of the bottom, and the lower projecting edge of the body bent inwardly over the wire ring and clinched into the under face of the bottom, substantially as specified.

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

HARRY R. STEVENS.

Witnesses:

THEO. MUNGEN,
G. B. HARRIS,
E. G. SIGGERS.