

No. 746,597.

PATENTED DEC. 8, 1903.

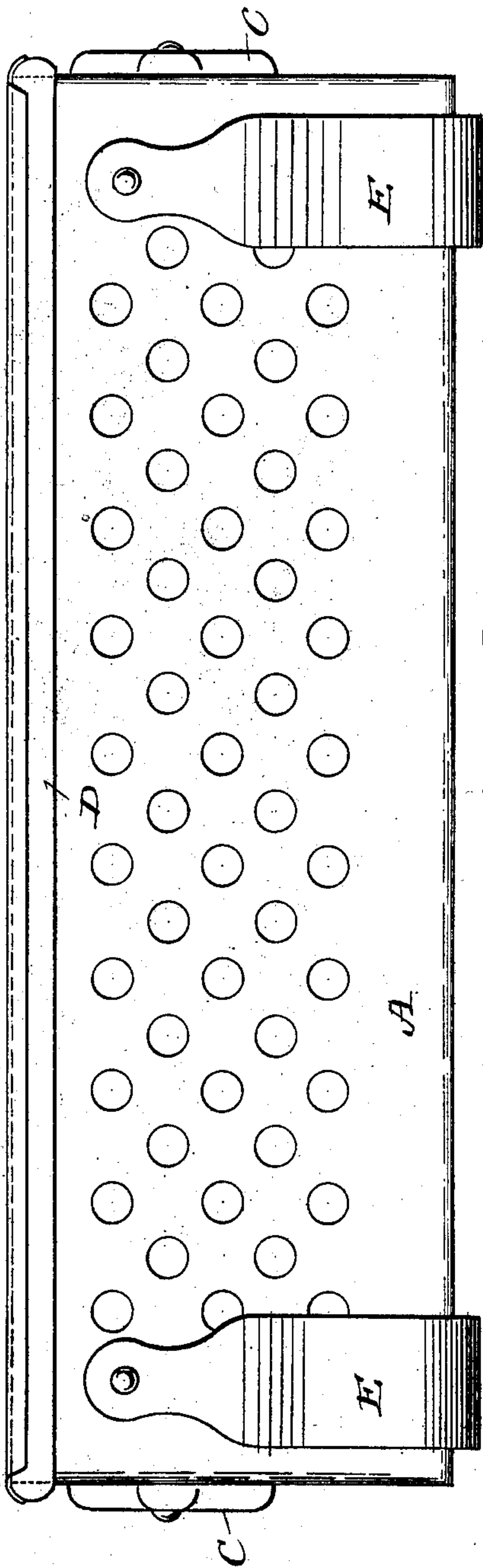
F. SOCHUREK, SR.

STEAMING TRAY.

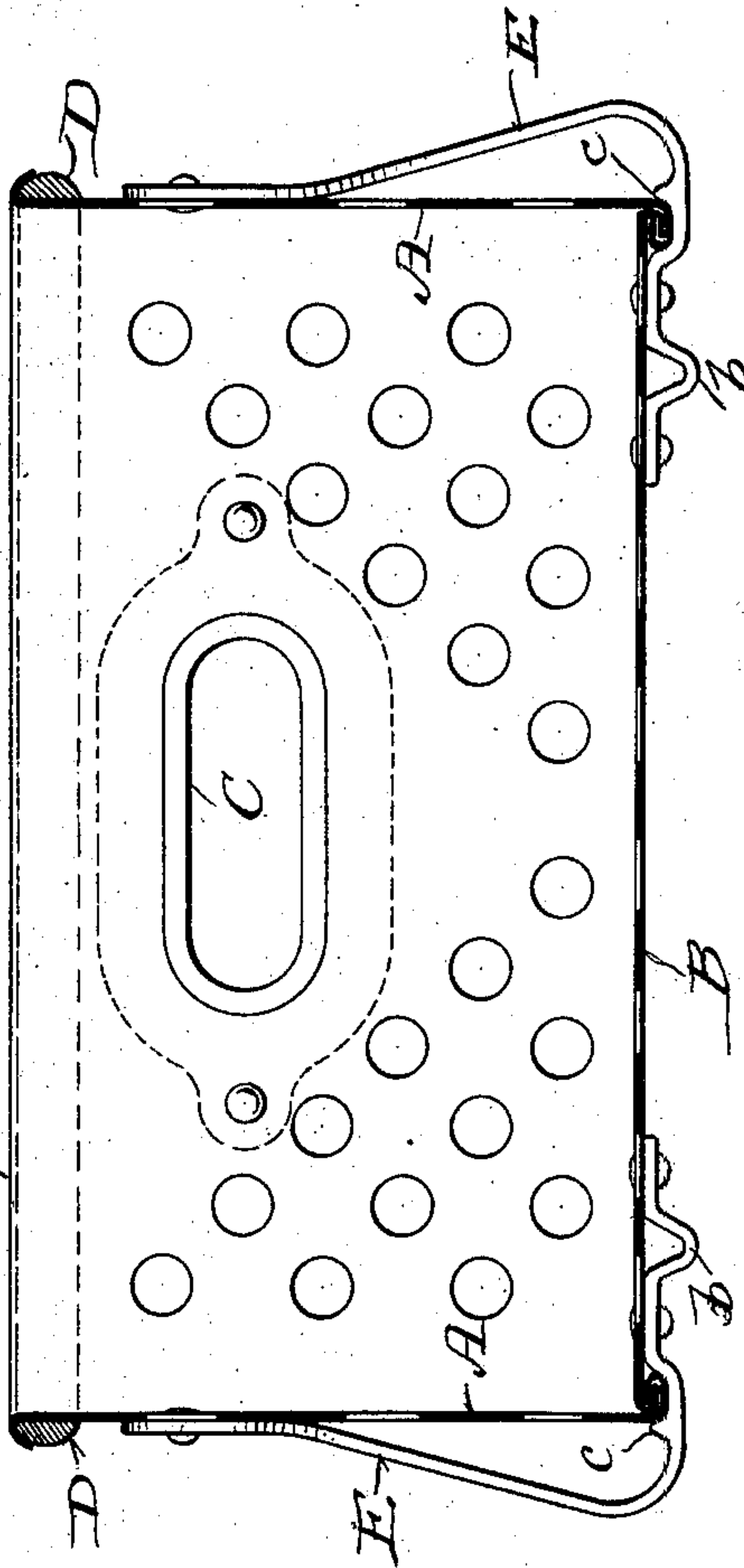
APPLICATION FILED AUG. 6, 1902.

NO MODEL.

*Fig. 1.*



*Fig. 2.*



*Witnesses:*  
*Geo. W. Young.*  
*N. E. Oliphant.*

*Inventor:*  
*Frank Sochurek, Sr.*  
*By H. E. Underwood*  
*Attorney*

# UNITED STATES PATENT OFFICE.

FRANK SOCHUREK, SR., OF MILWAUKEE, WISCONSIN.

## STEAMING-TRAY.

SPECIFICATION forming part of Letters Patent No. 746,597, dated December 8, 1903.

Application filed August 6, 1902. Serial No. 118,590. (No model.)

*To all whom it may concern:*

Be it known that I, FRANK SOCHUREK, Sr., a citizen of the United States, and a resident of Milwaukee, in the county of Milwaukee and State of Wisconsin, have invented certain new and useful Improvements in Steaming-Trays; and I do hereby declare that the following is a full, clear, and exact description thereof.

The improvements consist in certain peculiarities of construction and combination of parts hereinafter particularly set forth with reference to the accompanying drawings and subsequently claimed, the object of the invention being not only to provide economical, stiff, and durable steaming-trays of the sheet-metal variety employed by bottlers, but also to avoid the breakage common in bottling establishments, due to use of the ordinary steaming-trays.

Figure 1 of the drawings represents a side elevation of a steaming-tray made in accordance with my invention, and Fig. 2 a transverse section view of the tray.

Referring by letter to the drawings, B indicates the flat bottom, and A the walls, of a rectangular perforated sheet-metal steaming-tray, having cast metal handles C set in and riveted to its ends. A stiffening-band D, of steel, preferably half-oval, is made fast to the upper portion of the tray outside the same, and the upper edges of the tray-walls are turned down on said band. The tray bottom and walls are double-seamed together, the seam being laid in parallel to said bottom, as shown in Fig. 2. As a result of this construction the tray-bottom within the confines of the seam is elevated clear of the surface upon which the tray is rested and there is no sag of said bottom. Hence the setting down of said tray with bottles therein does not at any time result in breaking shock to any of said bottles.

The band D above specified has greater resistance than a stiffening-wire, and its inherent elasticity tends to straighten out bends that may occur in the tray-walls.

Riveted to the bottom and side walls of the tray adjacent to its ends are malleable-iron brackets E, that project laterally from said tray to space the same from others that may be therewith on a carrier, depending bottom projections *b* of the brackets being caught between slats of the carrier to prevent slipping of the aforesaid tray. The brackets are provided with vertical lugs *c*, that abut side walls of the tray and serve as gages for the proper setting of said brackets. Steaming-trays being provided with brackets similar in design and arrangement to those herein set forth, it is impossible for the necks of bottles in adjacent trays to clash, owing to curvature of a carrier on which the trays are set, whereby breakage that ordinarily occurs from close setting of ordinary steaming-trays on carriers is avoided.

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

1. A perforated sheet-metal steaming-tray having a flat bottom joined to its walls by an inturned double seam that is parallel to the remainder of said bottom below the same and constitutes the resting-surface of the tray whereby the tray-bottom within the confines of the seam is elevated and said bottom prevented from sagging.

2. A steaming-tray provided with laterally-extending brackets having depending bottom projections and vertical lugs, the setting of the brackets being gaged by abutment of said lugs against the tray-walls.

In testimony that I claim the foregoing I have hereunto set my hand, at Milwaukee, in the county of Milwaukee and State of Wisconsin, in the presence of two witnesses.

FRANK SOCHUREK, SR.

Witnesses:

N. E. OLIPHANT,  
B. C. ROLOFF.