

(No Model.)

F. A. WALSH.
SHEET METAL VESSEL.

No. 421,335.

Patented Feb. 11, 1890.

Fig. 2.

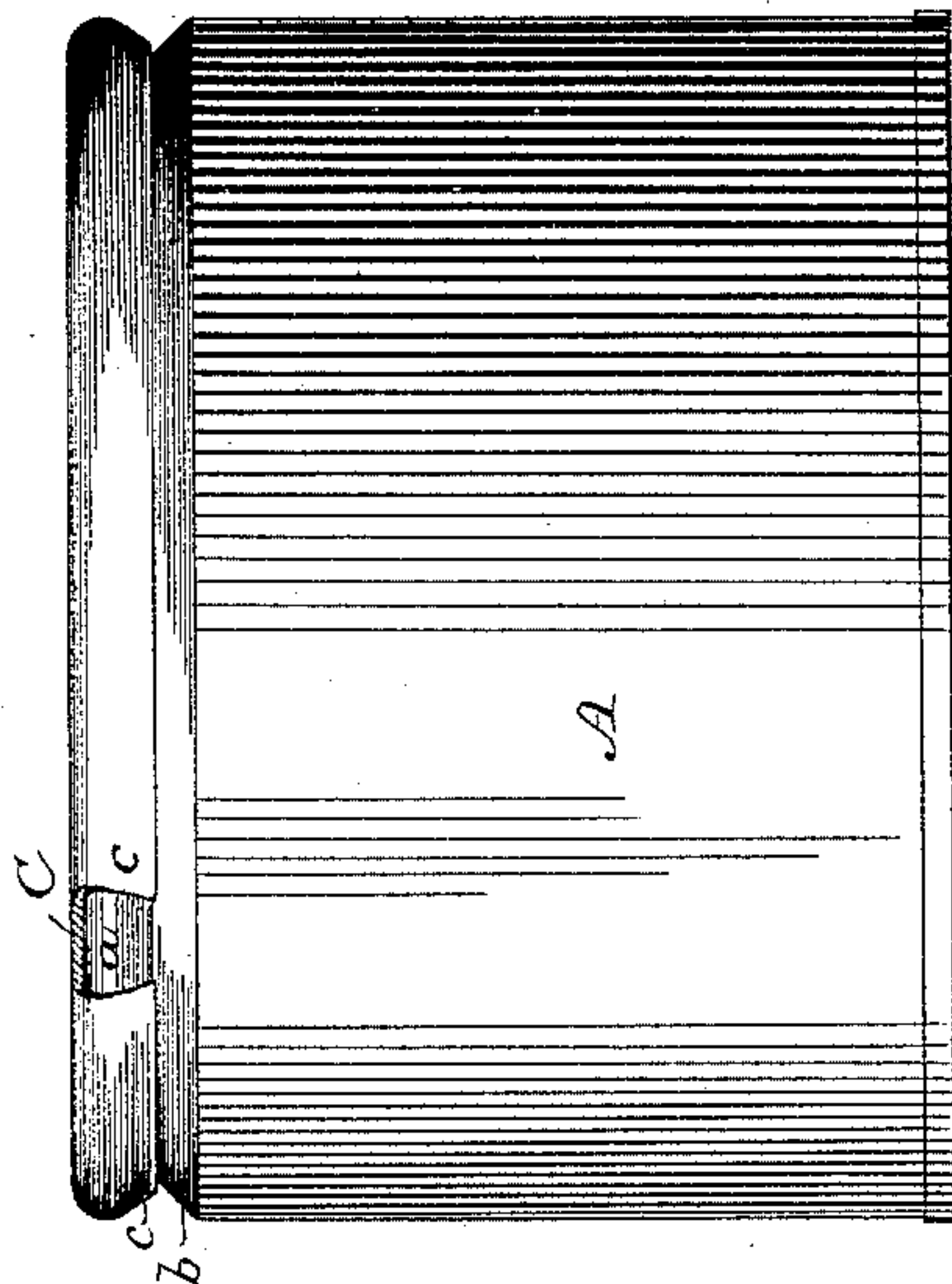
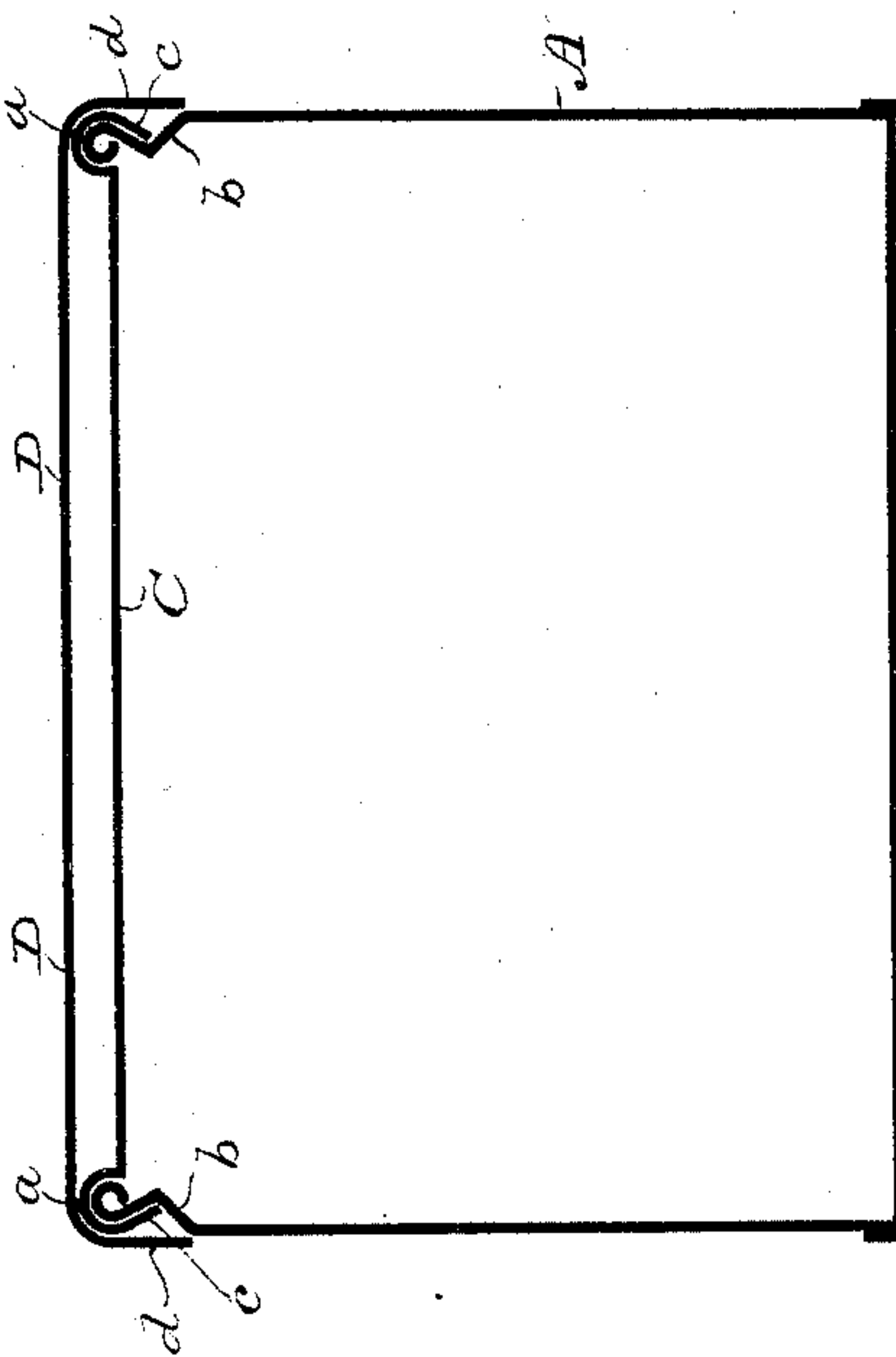


Fig. 1.



Witnesses
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UNITED STATES PATENT OFFICE.

FRANCIS A. WALSH, OF MILWAUKEE, WISCONSIN.

SHEET-METAL VESSEL.

SPECIFICATION forming part of Letters Patent No. 421,335, dated February 11, 1890.

Application filed October 22, 1888. Serial No. 288,798. (No model.)

To all whom it may concern:

Be it known that I, FRANCIS A. WALSH, of Milwaukee, in the county of Milwaukee, and in the State of Wisconsin, have invented certain new and useful Improvements in Sheet-Metal Vessels; and I do hereby declare that the following is a full, clear, and exact description thereof.

My invention relates to sheet-metal vessels; and it consists in certain peculiarities of construction, as will be fully set forth hereinafter.

In the drawings, Figure 1 is a sectional view of my present invention, showing a slip-cover in connection therewith; and Fig. 2 is a side elevation of the same without the slip-cover, and broken away at one point to show the construction.

A is the can-body, formed of one or more pieces of sheet metal bent so as to be circular in cross-section, and having its upper edge formed with a continuous internally-rolled rim, free from wire or other extraneous internal support, such as is shown and claimed in my application for patent filed August 1, 1887, and which is here marked *a*. Below this the can-body is creased or crimped inward, as shown at *b*, forming an internal bead, to which is secured the inturned rounded edge *c* of a cover C, and over all I put a slip-cover D, whose downturned edge *d* covers the point of union of the parts *b* and *c*.

I may either form the crease *b* in the can-body before the cover C is secured thereto and afterward crimp the latter to place thereon, or I may in the first place leave the can-body straight at this point, slip the cover C

(with its downturned edge *c* then straight also) to place, and crimp both the can-body and cover together at one operation to the shape shown in Fig. 1, at *b c*, as preferred. 40

The cover C is not intended to be permanently sealed or soldered to the can-body, but is held tightly in place as long as wanted, after which it can be readily pried off, and then, if preferred, the slip-cover D may alone be used. 45

While I have shown a vertically-sided vessel, a slip-cover with a horizontal top, and an inner cover also with a horizontal top, but at a plane lower than its rounded rim or edge, these are unimportant details, and may be varied in any way desired to suit the taste or requirement of the customer without departing from the spirit of my invention. 50

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is— 55

In a sheet-metal vessel, the combination of the body A, having an internally-rolled upper rim *a* and an inward crease or crimp *b* just below the same, with a cover C, having a rounded inturned downward edge *c*, crimped or held against the parts *a b*, just described, substantially as set forth. 60

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. 65

FRANCIS A. WALSH.

Witnesses:

H. G. UNDERWOOD,
WILLIAM KLUG.