E. H. FOOTE.
Pickle-Can

No. 206,310. Patented July 23, 1878.

Fig. 1

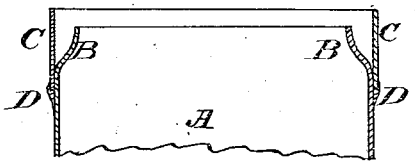


Fig. 2

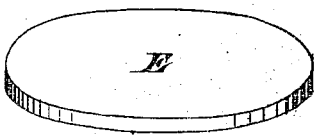


Fig. 3

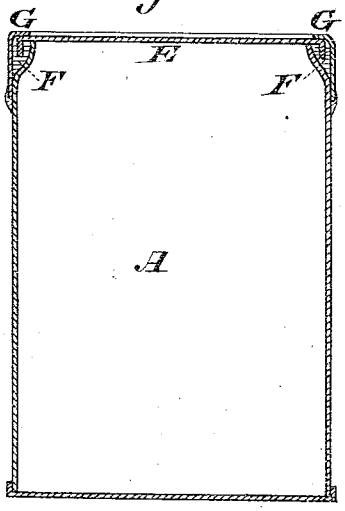
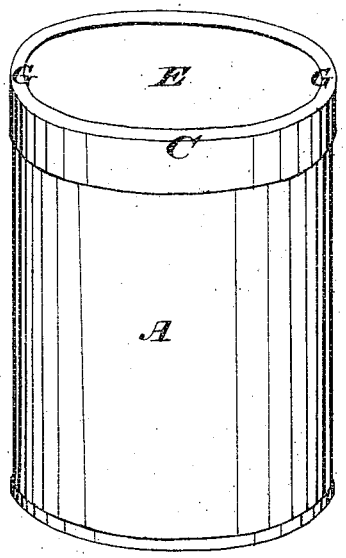


Fig. 4.



Witnesses
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EDWARD H. FOOTE, OF SOMERVILLE, MASSACHUSETTS.

IMPROVEMENT IN PICKLE-CANS.

Specification forming part of Letters Patent No. **206,310**, dated July 23, 1878; application filed December 22, 1877.

To all whom it may concern:

Be it known that I, EDWARD H. FOOTE, of Somerville, county of Middlesex, State of Massachusetts, have invented a new and useful Improvement in Pickle-Cans, of which the following is such a full and exact description as will enable others skilled in the art to construct and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, similar letters indicating corresponding parts in the different figures.

Figure 1 of the drawing is a sectional view, showing the top of a can constructed according to my invention. Fig. 2 is a perspective view of the cover. Fig. 3 is a vertical section through the can with the cover secured in place, and Fig. 4 shows a perspective view of the can complete.

In constructing my cans, the upper part of the body A is contracted, as shown at B, and an outer ring or band, C, is placed outside and tightly soldered to the body at D. This band projects above the upper edge of the body of the can, and leaves a circumferential channel between the two to hold the sealing material F. The cover E is a plain disk, with its edge turned to one side at right angles so as to form a projecting flange, which enters the sealing-channel when the cover is placed upon the can, in which position it is secured by turning down the projecting upper portion of the band C upon it, as shown at G in Fig. 3, by which the parts are firmly secured and a neat finish given to the top of the can. Before filling the cans I line them, as well as the cover, with some resinous or waxy composition, such as paraffine and rosin, or any of the well-known compositions possessing the needful qualities of remaining unaffected when brought in contact with acids, and having sufficient stability under ordinary temperatures to retain its position unchanged by any abrasive action of the contents of the can.

In carrying out this invention, the cans and covers, after forming them, are lined with the anti-corrosive mixture, and may be kept in this way for any length of time or put on the market for sale in this condition, and, when used, are filled in the ordinary manner. The sealing-channel is then filled with the same composition as that which forms the lining, or with one possessing similar qualities, and the cover put on. The upwardly-projecting portion of the band C is then turned down upon the cover by means of a suitable tool, which completes the operation.

I am aware that barrels and other vessels have been lined with a composition to prevent the leakage of oils and other penetrating fluids; but this is not the object of my invention, as the materials of which my cans are made are impervious to fluids. My sole object, as before stated, is simply to so prepare the cans as to render the contents entirely free from any liability to become poisoned or otherwise deteriorated by reason of their action upon the metal of the can, and I believe that my means to this end are entirely novel.

Having thus described my invention, I claim as new, and desire to secure by Letters Patent, the following:

The combination of a can-body having a contracted mouth, a can-cover having a depending rim, and a band soldered to the can-body to form a sealing-channel, and bent over the top of the cover, as and for the purpose described.

ED. H. FOOTE.

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