

A. T. Peck,

Butter Tub.

N<sup>o</sup> 36,361.

Patented Sep. 2, 1862.

Fig. 1.

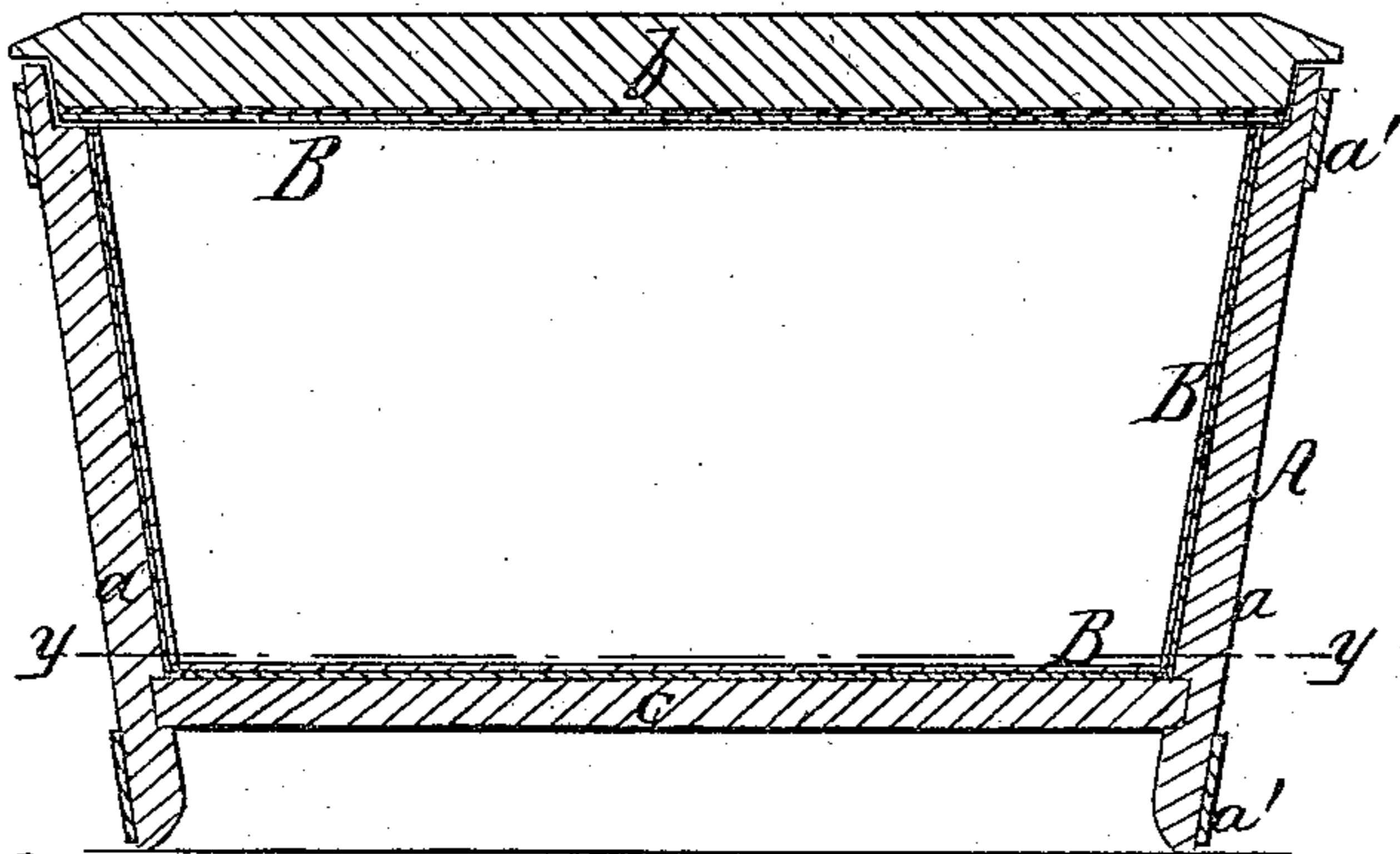


Fig. 3.

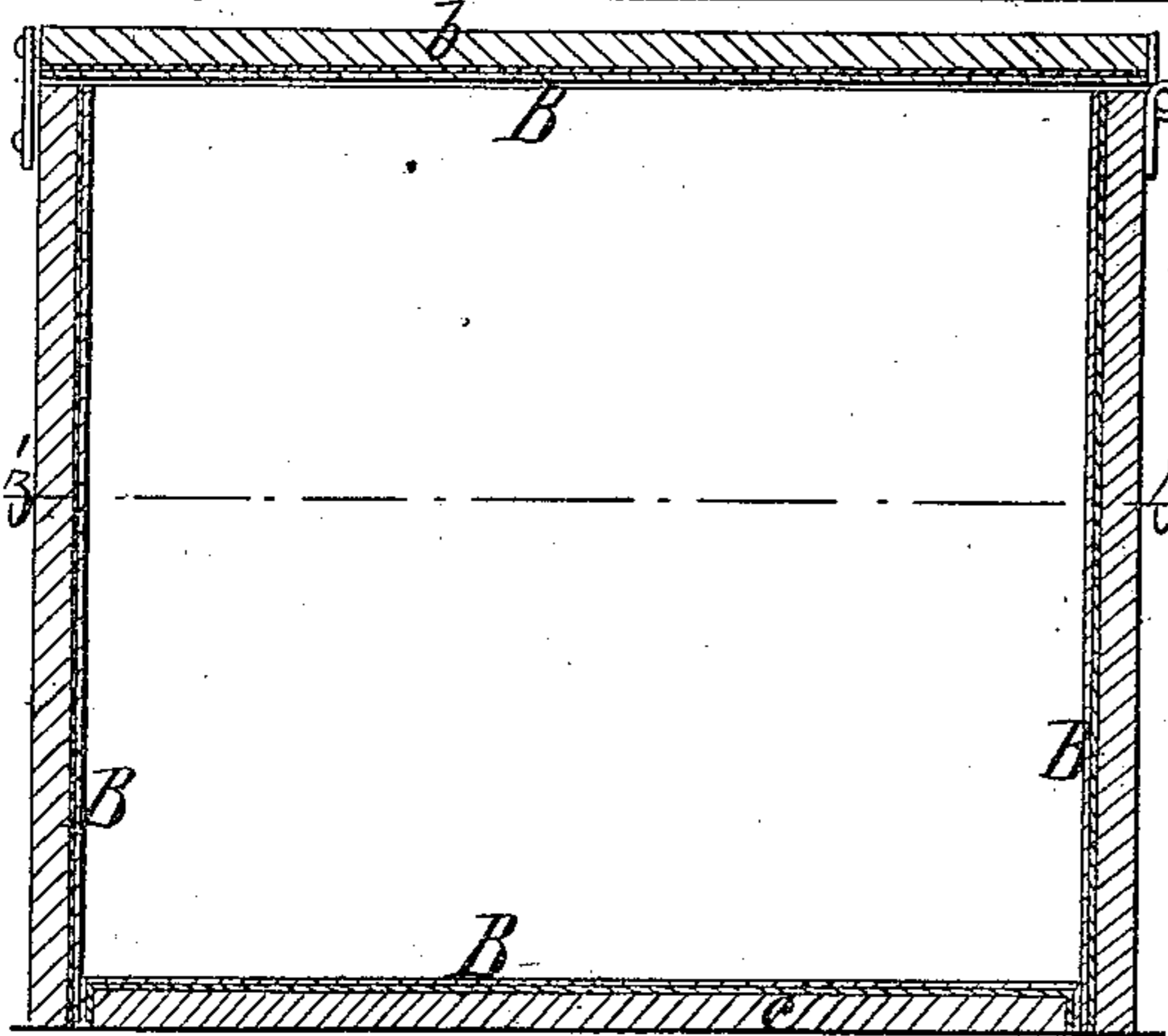


Fig. 4.

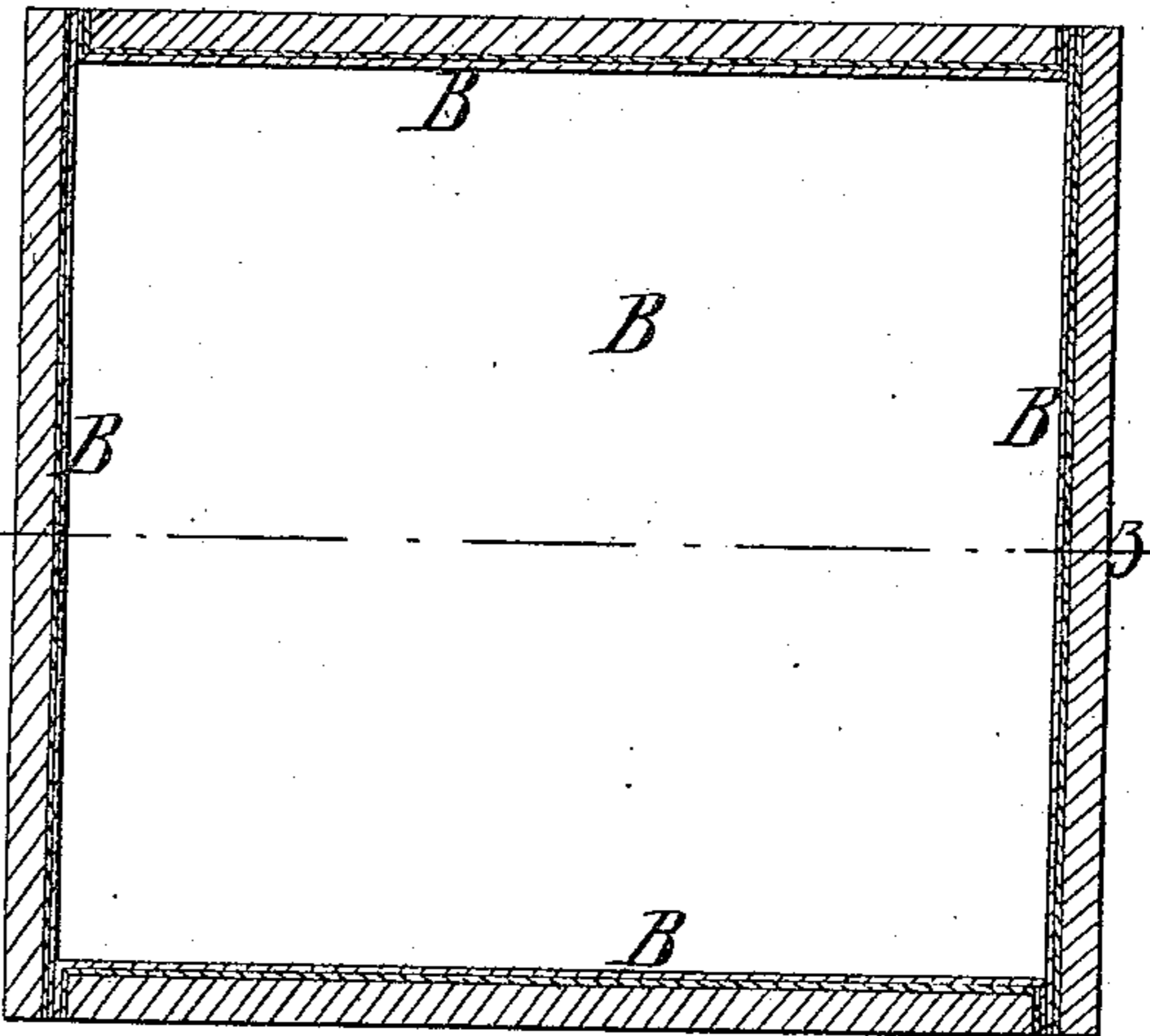
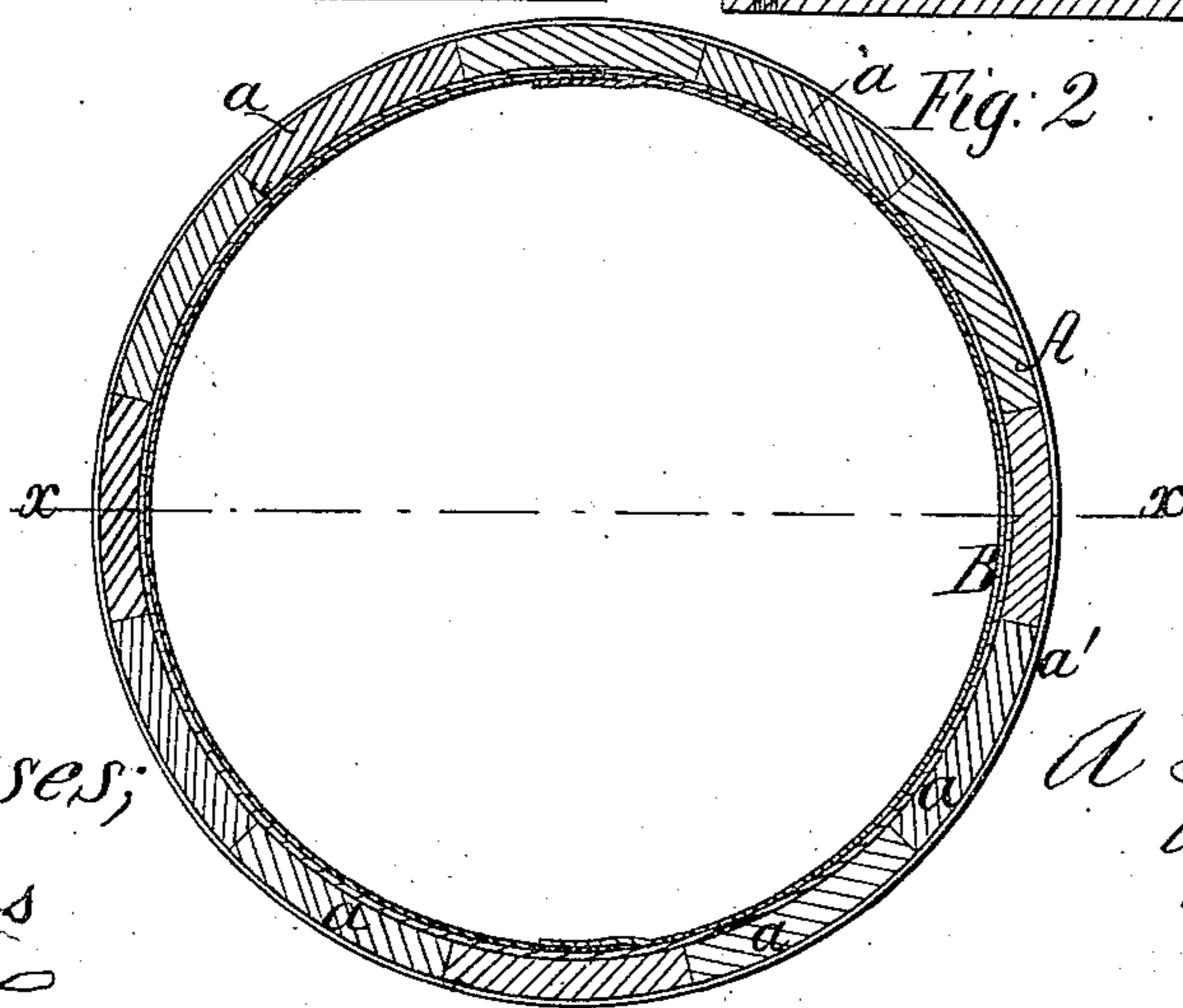


Fig. 2.



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att'y

# UNITED STATES PATENT OFFICE.

A. T. PECK, OF SCOTT, NEW YORK.

## IMPROVEMENT IN BUTTER-TUBS.

Specification forming part of Letters Patent No. **36,361**, dated September 2, 1862.

*To all whom it may concern:*

Be it known that I, A. T. PECK, of Scott, in the county of Cortland and State of New York, have invented a new and useful Improvement in Butter Tubs or Firkins; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is a vertical section of my invention, taken in the line *xx*, Fig. 2; Fig. 2, a horizontal section of the same, taken in the line *yy*, Fig. 1; Fig. 3, a vertical section of a modification of the same, taken in the line *zz*, Fig. 4; Fig. 4, a horizontal section of Fig. 3, taken in the line *z'z'*.

Similar letters of reference indicate corresponding parts in the several figures.

This invention consists in constructing a wooden butter tub or firkin with a lining of mica, substantially as hereinafter described, whereby many advantages are obtained over the ordinary wooden tubs or firkins now in general use.

To enable those skilled in the art to fully understand and construct my invention, I will proceed to describe it.

The wooden portion A of the tub or firkin may be constructed in the usual way—that is to say, of staves *a*, bound with hoops *a'*, as shown in Figs. 1 and 2; or it may be constructed in quadrilateral form, as shown in Figs. 3 and 4, or in any polygonal form.

The tub or firkin, in whatever form it may be made, is lined with mica (isinglass) B, shown in all the figures. The mica is obtained in thin sheets and fitted snugly against the inner sides of the tub or firkin, the sheets being secured at their joints *b* and to the inner surface of the tub or firkin by any suitable cement which will not be affected by brine or moisture of any kind. A good cement for this purpose may be made of gutta-percha, gum-shellac, and naphtha, about in equal proportions. This cement is insoluble in water, will not be affected by brine, and when dry or hard is inodorous. A very good cement composed of india-rubber and naphtha may also be used. The under surface of the lid *b* of the

tub or firkin, as well as the upper surface of the bottom *c*, is covered by mica, as well as the sides. (See Figs. 1 and 3.)

The tub or firkin may be constructed of any desired dimensions.

The advantages of a butter tub or firkin thus constructed are, first, the wood cannot absorb the brine, as is the case in using the ordinary tubs, and the butter will therefore be better preserved, retaining its original flavor and sweetness a much longer time than hitherto; second, the butter cannot be injured in transportation by the proximity of various articles which hitherto have been liable to infect it—such, for instance, as kerosene-oil, turpentine, paints, guano, drugs of different kinds, all of which are frequently placed in contact with butter-firkins in railroad-cars, canal and steamboats; third, the wooden portion of the tub or firkin may be constructed of almost any kind of wood, such as could not be used if wood alone were employed in the construction.

The firkins in present use are constructed of oak staves bound with hickory hoops, and these materials are getting scarce and expensive; hence the reduction in the cost of the wooden portion will fully compensate for the expense of the mica lining, and my improved tub or firkin may be constructed equally as low in price, perhaps a little lower, than the ordinary tubs or firkins.

The mica lining will admit of the tub or firkin being scalded and cleaned equally as well as the ordinary ones and with far greater facility, as the mica, being non-absorbent, cannot be impregnated with brine or any moisture which the butter may contain, and hence the cleaning operation may be quickly and thoroughly performed.

Having thus described my invention, I claim as new and desire to secure by Letters Patent as an improved article of manufacture—

A butter tub, firkin, or box constructed of wood and having a lining of mica, substantially as described.

A. T. PECK.

Witnesses:

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