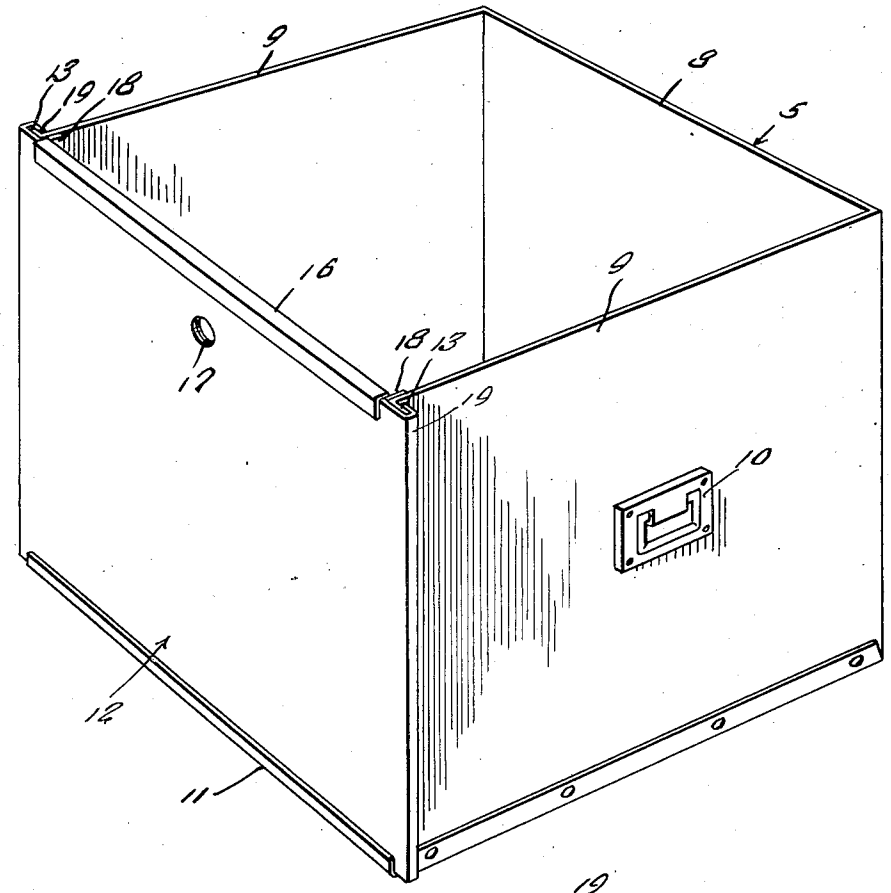
May 5, 1936. A. T. JORGENSEN 2,040,003

BUTTER MOLD

Filed April 20, 1935 2 Sheets-Sheet 1

Fig. 1.



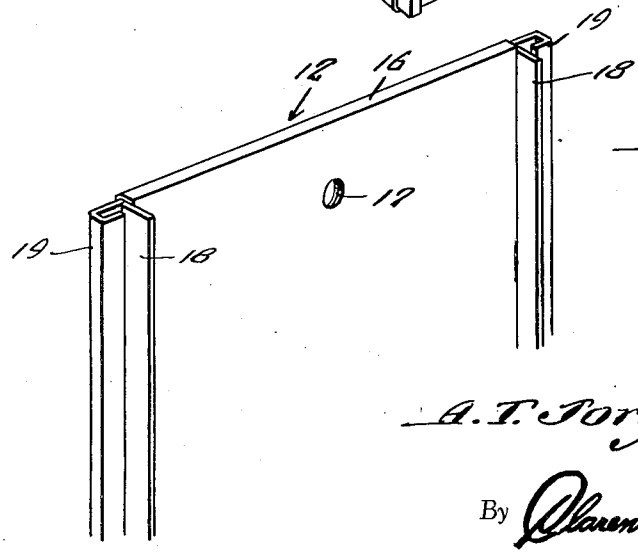


Fig. 2.

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BUTTER MOLD

Filed April 20, 1935 2 Sheets-Sheet 2

Fig. 3.

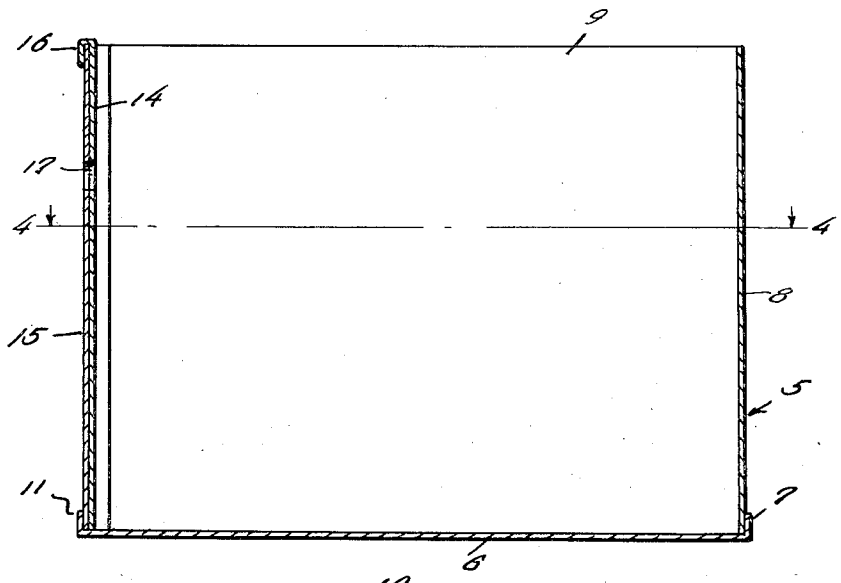
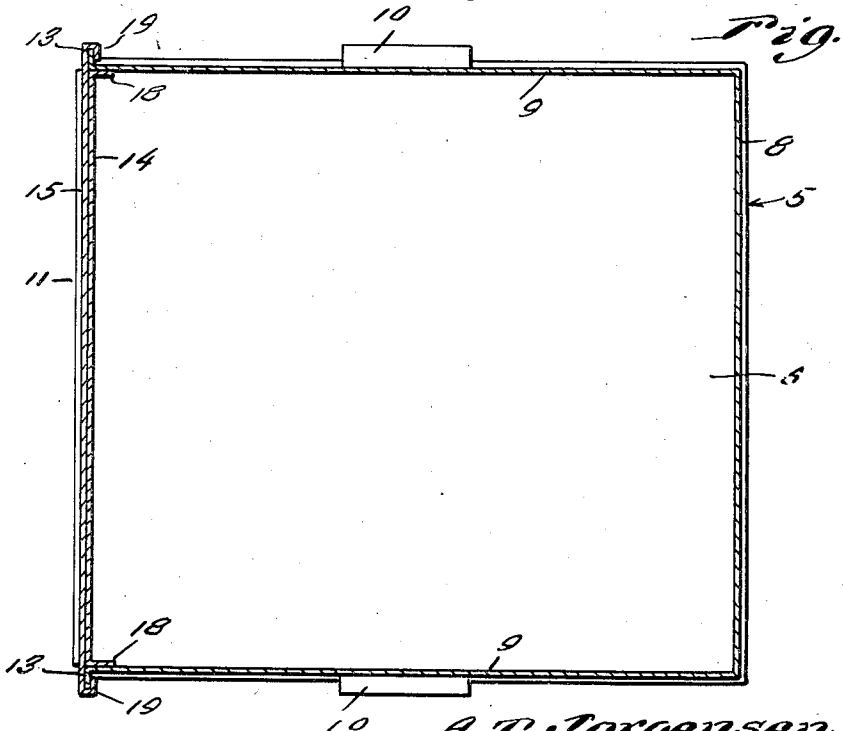


Fig. 4.



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UNITED STATES PATENT OFFICE

2,040,003

BUTTER MOLD

Arnold T. Jorgensen, Jerome, Idaho

Application April 20, 1935, Serial No. 17,505

2 Claims. (Cl. 31—45)

This invention relates to an improved sheet metal butter mold which is especially constructed to expedite removal of the block of butter therefrom in a manner to function as a labor-saving device and to facilitate handling and severing of the butter into prints for packaging purposes.

Briefly, the conception involves the use of a simple box-like receptacle or container open at its top and open on one side and provided on said open side with a slidable wall which may be lifted and detached to facilitate ejection or removal of the contents from the mold in a handy and reliable manner.

The specific novelty has to do with the particular construction of the open side and complemental wall of said receptacle, these features being especially fashioned to make for rigidity when the wall is closed in a manner to distribute stress and strain and to promote efficiency and expediency in use.

The explicit configuration and allocation of features will become more readily apparent from the following description and drawings.

In the accompanying pictorial drawings, wherein like numerals are employed to designate like parts throughout the views:

Fig. 1 is a perspective view of the complete mold with the closure or removable wall in closing position.

Fig. 2 is a fragmentary view showing the flanged end portions of said removable wall or slide.

Fig. 3 is a central vertical sectional view through the structure illustrated in Fig. 1.

Fig. 4 is a horizontal section on the line 4—4 of Fig. 3.

Referring now to the drawings by distinguishing reference numerals, it will be observed that the receptacle or container is in the nature of a sheet metal box and is indicated as a unit by the numeral 5. Being of general cubical or rectangular form, it includes a flat bottom 6 having upturned marginal edges 7 providing a rim in which the body portion sets and is fastened. The body portion comprises three walls, that is, a back wall 8 and a pair of side walls 9, said side walls being provided on their exteriors with appropriate handles 10. For sake of distinction, the front portion of the so-called rim 7 is bent as indicated at 11 in Fig. 1 to serve as a sort of keeper channel for the lower edge portion of the removable front wall or slide 12. This slide serves as a closure for the open front of the box. It will be noticed however that the front ends of the two side walls 9 are bent out to provide vertical track flanges 13 and it is on these elements that the complemental portions of the front wall slide up and down. The front wall is of double ply construction, that is, it is made up of two sheets of metal, the inner one of which is denoted at 14 and the outer one at 15. The upper edge of the inner one bends over the corresponding edge of the outer one as shown at 16 to form a reinforcing and connecting bead. Just below this bead, I provide apertures which cooperate in forming a tool or implement hold 17 to facilitate raising and lowering of the closure-forming front 12. The vertical ends of the two plates 14 and 15 are of duplicate construction and as shown in Fig. 2, it will be observed that the inner one has laterally bent flanges 18 which are disposed in spaced parallelism and these ride in slidable contact with the inner faces of the walls 9. The ends of the outer plate 16 are bent to provide vertical retention channels 19 which serve as guides or trackways for the so-called track flanges 13. Thus the flanges 13 cooperate with the flanges 18 and trackways or channels 19 in providing a unique dependable slidable connection between the side wall 12 and the complemental portions of the body part of the box.

The broad novelty is, of course, predicated upon the provision of an all-metal open-top box-like container which serves as a convenient butter mold, the same being open at its front, or on any one of the sides, to accommodate a removable wall which is in fact a slidable cover. Unique coacting means exists between the relatively stationary parts of the body and the slidable wall forming an effective seal and resisting stress and strain to provide a well balanced arrangement. Specifically, novelty is predicated upon the ledge-forming or keeper channel 11 at the front which is disposed horizontally in conjunction with the outstanding vertical flanges 13 which serve as runners or tracks. Additional novelty has to do with the cooperation of the flanges 18 and 19 with these parts 11 and 13. Obviously, all of the parts have been carefully selected, proportioned and shaped for proper coordination and to provide requisite features of strength and durability, dependability, economy and efficiency in use.

It is thought that persons skilled in the art to which the invention relates will be able to obtain a clear understanding of the invention after considering the description in connection

with the drawings. Therefore, a more lengthy description is regarded as unnecessary.

Minor changes in shape, size and rearrangement of details coming within the field of invention claimed may be resorted to in actual practice, if desired.

What is claimed is:

1. A butter mold comprising a box-like container including a bottom, a pair of side walls, a connecting back wall, the bottom being formed at its front with an upstanding flange constituting a keeper channel, the vertical ends of the side walls adjacent to said keeper channel having outstanding flanges constituting vertical guide tracks, a removable front wall cooperable when closed with said keeper channel and having means slidably engaging said tracks, said means including a pair of channel-shaped members telescopically receiving said tracks, and further including a pair of stabilizing and reinforcing flanges extending inwardly into the container and in slidable contact with the inner surfaces of the side walls thereof.

2. As a component part of a butter mold of the class described, a slidable closure comprising a plate including a pair of spaced parallel vertically extending stabilizing flanges, and a pair of duplicate channel-shaped members disposed outwardly of said flanges and at right angles thereto to function as track adaptation channels.

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