June 13, 1950 J. E. HETZLER ET AL 2,511,710

INSULATED LUNCH KIT

Filed Jan. 16, 1948

Fig. 1.

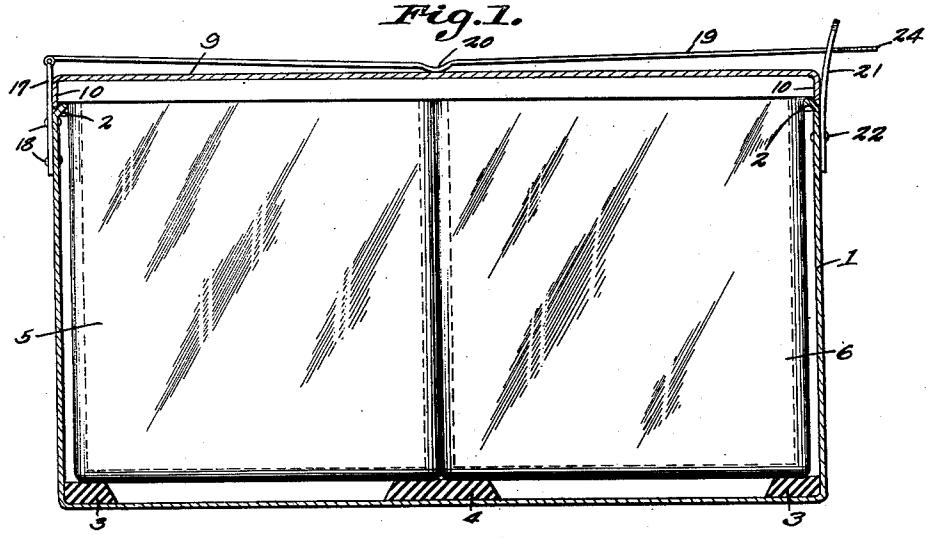


Fig. 2.

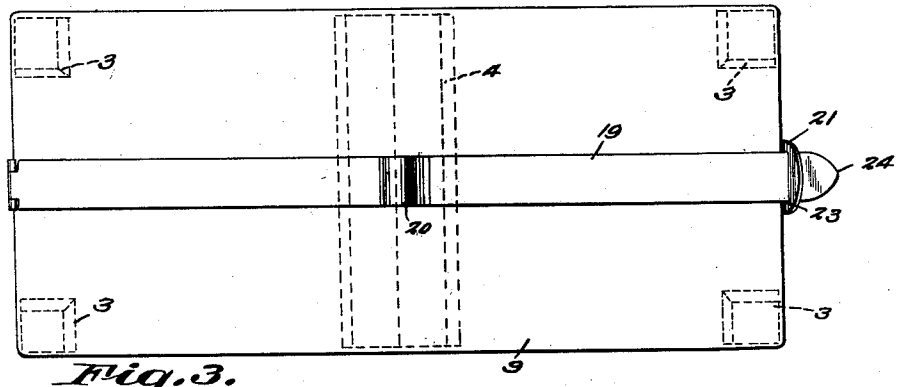


Fig. 3.

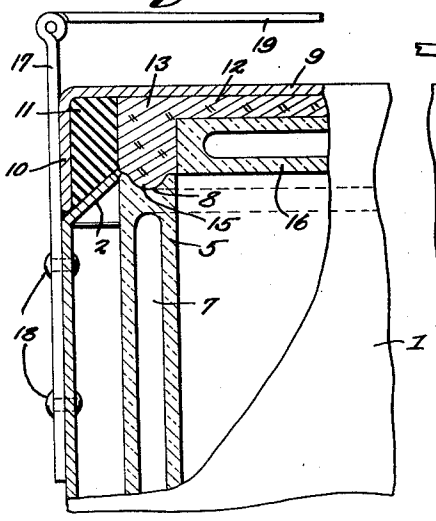
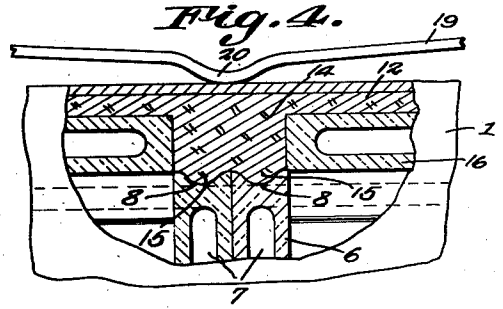


Fig. 4.



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INSULATED LUNCH KIT

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1 Claim. (Cl. 206—4)

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This invention relates to improvements in lunch boxes or kits.

An object of the invention is to provide an improved thermo-lunch box or kit which will be provided with an outer jacket and a removable cover preferably made of metal, and one or more insulated inner receptacles formed with double spaced walls of glass, with suitable means being provided for sealing the cover upon the outer jacket when placed thereon.

Another object of the invention is to provide an improved thermo-lunch box or kit which will be provided with an outer jacket and a removable cover preferably made of metal, with one or more insulated inner receptacles formed with double spaced walls of glass, the same being supported upon rubber cushions and disposed inside said outer jacket in spaced relation with respect to the inner walls of said jacket.

A further object of the invention is to provide an improved thermo-lunch kit with insulated spaced double walled inner food-containing receptacles, the same being highly efficient in use and relatively inexpensive to manufacture and produce.

With the foregoing and other objects in view which will appear as the description proceeds, the invention consists of certain novel details of construction and combinations of parts, hereinafter more fully described and pointed out in the claim, it being understood that changes may be made in the construction and arrangement of parts without departing from the spirit of the invention as claimed.

Referring to the drawing

Figure 1 is a longitudinal sectional view through the improved thermo-lunch kit showing the inner insulated spaced double walled receptacle in elevation.

Figure 2 is a top plan view of the improved thermo-lunch kit.

Figure 3 is an enlarged detail view of the upper corner of the improved thermo-lunch kit, the same being partly broken away and in section to show the interior construction thereof.

Figure 4 is an enlarged detail view of the central portion of the improved thermo-lunch kit, the same being partly broken away and in section to show the interior construction.

Like characters of reference are used throughout the following specification and the accompanying drawing to designate corresponding parts.

In carrying out the invention, there is provided an improved thermo-lunch kit including an outer

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casing or jacket 1 of substantially rectangular shape, the same being open at its top and formed with an inwardly and upwardly slanting flange 2 about its upper edges. The jacket 1 will be made preferably of metal, and may be painted or otherwise decorated, if desired.

Rubber cushions or pads 3 will be secured in the four bottom corners of the jacket 1, and a centrally disposed transversely extending rubber cushion or pad 4 will be secured in the bottom of the jacket 1 approximately midway of its length, as clearly shown in Figures 1 and 2 of the drawing.

A pair of insulated spaced double walled glass food-containing receptacles 5 and 6 will be disposed within the jacket 1, resting upon the rubber cushions or pads 3 and 4, and will be open at their top portions.

The receptacles 5 and 6 are formed with air spaces 7 between their double walls, thus serving to insulate the receptacles and to keep warm food warm, or cold food cold when placed in the receptacles.

The upper edges of the receptacles 5 and 6 will be formed with arcuate sealing grooves 8 along their upper edges, said edges terminating at approximately the same level as the upper edges of the flanges 2 formed about the jacket 1.

A removable metal cover for the jacket 1 will be formed with a top portion 9 and with downwardly extending side and end flanges 10, which will seat upon the outer edges of the flanges 2 on the jacket 1. Rubber gasket strips 11 will be supported by the side and end flanges 10 and will seat on the upper surface of the flanges 2, as clearly shown in Figure 3 of the drawing.

Cork packing 12 will be secured to the under surface of the jacket top and will be extended adjacent the edges of the top and transversely thereof to provide the depending insulating and sealing strips 13 and 14 which will be formed with bead portions 15, for seating in the arcuate sealing grooves 8 in the upper edges of the glass inner food-containing receptacles 5 and 6. Double spaced wall glass covers 16 will be supported within the cork packing 9 for closing the open top ends of the receptacles 5 and 6.

A hinge strap 17 will be secured by units 18 to one end of the jacket 1 and will pivotally support the metal clamping and securing hand 19 extending the full length of the jacket 1. The hand 19 will be shaped intermediate its length to provide a depending arcuate bearing shoulder 20 for engaging the upper surface of the cover for the jacket 1 when disposed upon the jacket.

A locking strap 21 will be secured to the opposite end of the jacket 1 by means of the rivets 22, and will extend upwardly above the top of the cover when in position. A transverse locking slot 23 will be formed in the locking strap 21 to receive the pointed end 24 of the clamping and securing band 19 after the cover has been placed on the jacket 1, thereby sealing and securing the cover in place.

While the preferred embodiment of the instant invention has been illustrated and described, it will be understood that it is not intended to limit the scope of the invention thereto, as many minor changes in detail of construction may be resorted to without departure from the spirit of the invention.

What is claimed is:

A thermo lunch kit comprising an outer jacket having an open top, food receptacles supported within the jacket, in spaced relation with the jacket, cushioning pads resting on the bottom of the outer jacket on which the food receptacles rest, the upper edges of the outer jacket being inclined inwardly contacting with the upper ends of the food receptacles holding the food receptacles in spaced relation with the jacket, a removable cover closing the open top of the jacket, depending marginal flanges formed on the jacket cover, covers for the food receptacles

held within the jacket cover, an insulating block surrounding the food receptacle covers holding the food receptacle covers in position within the removable cover of the jacket, rubber gasket strips disposed between the insulating block and depending flanges of the jacket cover, the lower edge of said rubber gasket being beveled and fitted against the inclined upper edges of the jacket providing an airtight connection, and means for securing the removable cover in position closing the jacket.

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