March 31, 1931. A. E. REMINGTON 1,798,497

LUNCH KIT

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Fig. 1

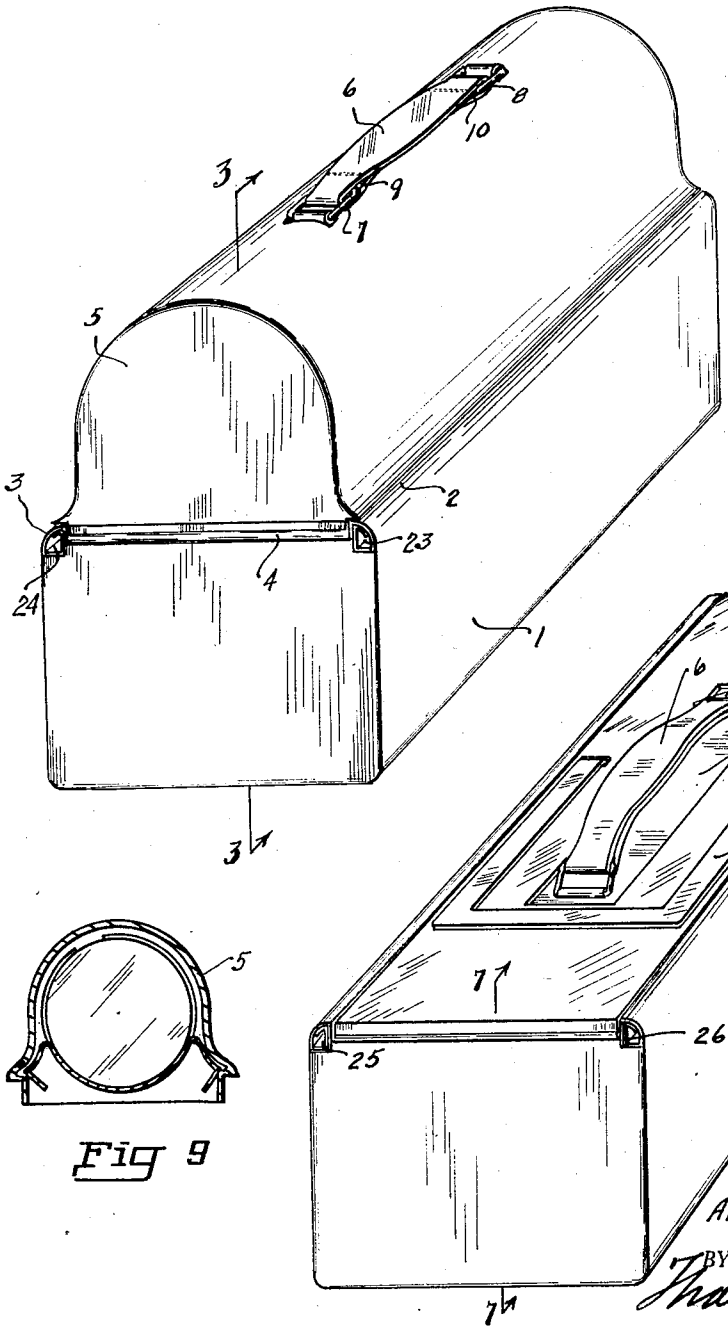


Fig 9

Fig. 2

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Fig. 3

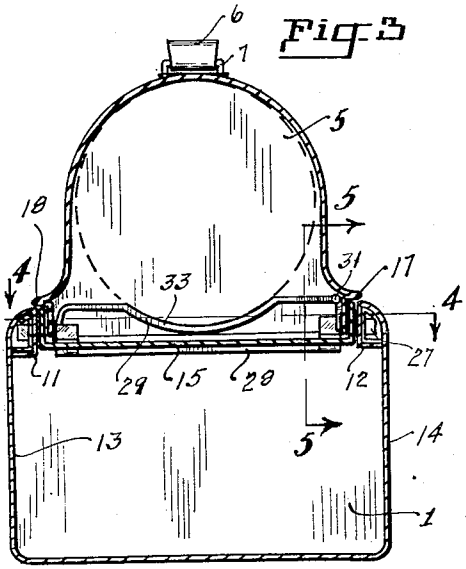


Fig. 7

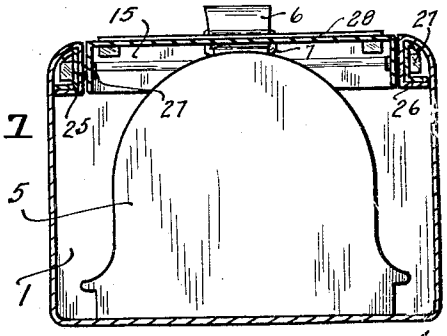


Fig. 8

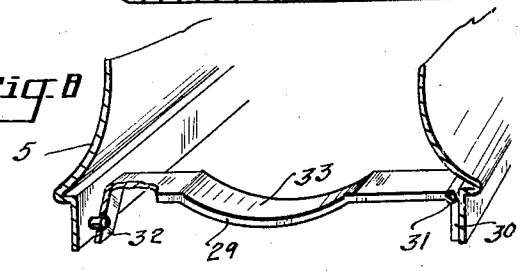
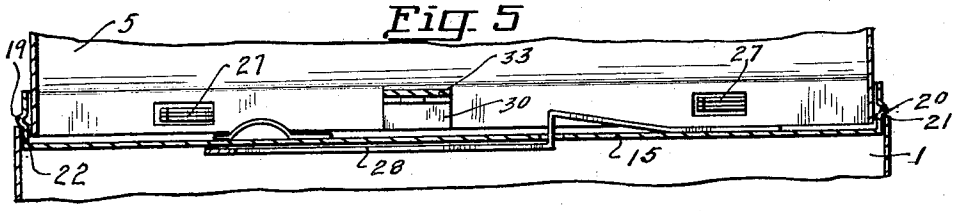


Fig. 5



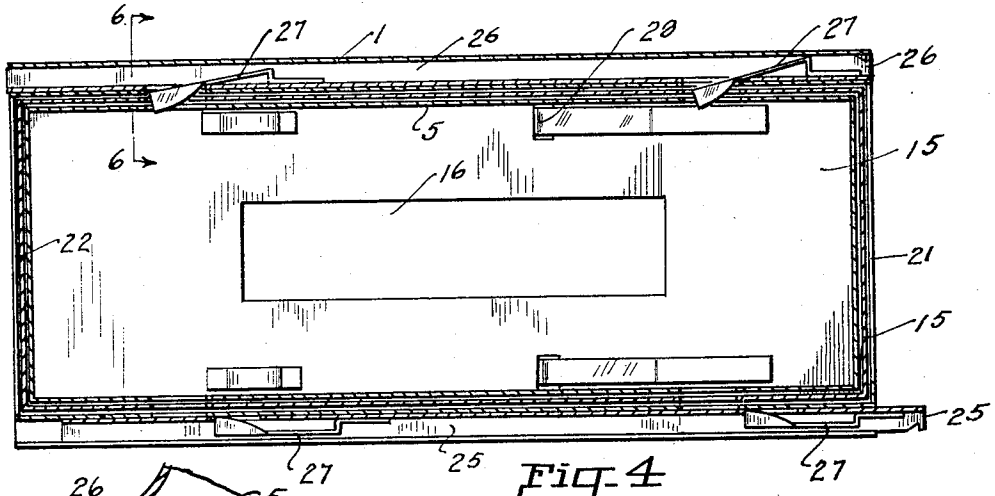


Fig. 4

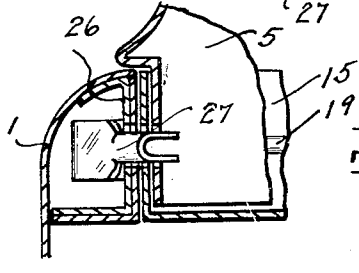


Fig. 6

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UNITED STATES PATENT OFFICE

ARCHIBALD EDGAR REMINGTON, OF PORTLAND, OREGON

LUNCH KIT

Application filed November 20, 1929. Serial No. 408,540.

My invention is intended for use as a lunch kit, and has for its object the development of a sufficient amount of space to carry a thermos bottle and for the carrying of the lunch. Means are provided for the decreasing of the size of the assembly when not in use for the carrying of a lunch, in order that the same may be placed within a bag or pocket or attached to the wearing apparel or belt of the user of the same.

The invention consists primarily of a body element and a top closure, with a tray disposed therebetween. The carrying handle is secured to the top closure. Means are provided for the repressing of the top closure within the body element and the passing of the carrying handle through the tray, at which time the tray itself forms the top of the body element.

The primary object of my invention is to provide simple and efficient means for the carrying of a full sized lunch and for the lessening of the volumetric size of the lunch kit when the same is not in use for the carrying of the lunch.

A further object of my invention consists in providing an assembly wherein a carrying handle is provided irrespective of the condition in which the lunch kit is being used.

A further object of my invention consists in providing a lunch kit made entirely of metallic elements, the forming of the same of few parts, and the manufacturing of a standardized unit that may be used over relatively long periods with freedom from mechanical annoyances.

With these and incidental objects in view, the invention consists in certain novel features of construction and combination of parts, the essential elements of which are set forth in the appended claims, and a preferred form of embodiment of which is hereinafter shown with reference to the drawings which accompany and form a part of this specification.

In the drawings:

Fig. 1 is a perspective, end view of the assembled device, illustrating the same in use as a lunch kit.

Fig. 2 is a perspective, end view of the device shown in position for carrying and wherein the normal closure is repressed within the body element.

Fig. 3 is a vertical, sectional, end view of the assembled device.

Fig. 4 is a longitudinal, sectional, plan view of the assembled device, the same being taken on line 4—4 of Fig. 3, looking in the direction indicated.

Fig. 5 is a fragmentary, sectional, side view of the assembled device, the same being taken on line 5—5 of Fig. 3, looking in the direction indicated.

Fig. 6 is an enlarged fragmentary, sectional, side view of the characters disposed between the lid, the tray, and the closure, the same being taken on line 6—6 of Fig. 4, looking in the direction indicated.

Fig. 7 is a longitudinal, sectional, end view of the assembled device shown in position for carrying when the same is emptied of the edible contents, the same being taken on line 7—7 of Fig. 2, looking in the direction indicated.

Fig. 8 is a fragmentary, sectional, end view of a portion of the lid and illustrating the hinged hammock for supporting the thermos bottle, the same being shown in position for supporting the thermos bottle.

Fig. 9 is a sectional, end view of the lid and illustrating another preferred form of support for the thermos bottle that normally rests within the lid.

Like reference characters refer to like parts throughout the several views.

1 is the base of the body element of my device, having spaced side and end walls and the upper longitudinal edges 2 and 3 of the device are inwardly disposed to restrict the opening disposed between the parallelly dis-

posed side walls 2 and 3. A tray 4 rests upon and is disposed within the parallelly disposed side walls. 5 is a top closure of the device. The top closure has a carrying strap 6 secured to the upper, central portion of the closure. Articulating links 7 and 8 are secured to the upper, central portion of the lid 5 and so arranged when not in use that the carrying straps will lie close upon the opening of the device. Slits 9 and 10 are disposed within each end of the carrying handle to permit of a longitudinal movement of the carrying handle relative to that of the supporting links and to facilitate the handle or the carrying strap becoming in intimate engagement with the outer surface of the closure. The upper, side edges 11 and 12 of the body element inwardly extend from the side walls 13 and 14 of the body element to form a body element that is narrower at the top than at the sides. In the normal use of the tray 15 the same is placed with the bottom of the tray extending downwardly as illustrated in Fig. 3 but when the device is to be secured together for carrying, as illustrated in Fig. 7, the tray has its bottom disposed at the top to form a lid for the assembly, as illustrated in Fig. 2. An opening 16 is disposed within the tray through which the carrying handle 6 extends. Ribs 19 and 20 are disposed outwardly at either end of the tray and equidistant from the terminal edges of the end portions and the rib rests upon the upper wall surface 21 and 22 of the ends of the body element and positions the tray fixedly thereupon. Channel ways 23 and 24 are formed within the body element and locking bars 25 and 26 are reciprocably disposed therein. The locking bars each carry locking latches 27 and locking holes are disposed within the side walls of the tray and within the side walls of the closure so that the assembly may be locked together when the closure and the tray are in position by the positioning of the locking bars in their normal position that the locking latches disposed within the slots disposed through the side walls of the tray and the closure, the withdrawing of the locking bars withdraws the locking latches from engagement from the locking slots and permits the dissembly of the device. A spring clamping bail 28 is disposed upon the outer surface of the tray as illustrated in Fig. 2 or the locking bail is disposed upon the underside of the tray when it is in its normal position, and when the device is being used as a lunch box. The purpose of the locking bail is for engagement upon the clothes or belt of the wearer when empty. The thermos bottle to be carried is placed within the half cylindrical portion of the closure and is held in position by the hammock 29. The hammock 29 is hingedly secured to the side wall 30 of the closure by an articulating hinge connection 31 and is locked relative to the oppositely disposed side wall by a spring engagement with the locking pin 32. A depression 33 is formed in the upper surface of the supporting hammock in which the body element and the thermos bottle comes to rest.

Ledges 17 and 18 are disposed at either side of the normal closure and the same outwardly extend and rest upon the normal side walls of the body element. The removal of the closure and the removal of the tray permits the entry of the closure into the body element by tilting the same slightly to one side to permit of its entry into the body element.

While the form of mechanism herein shown and described is admirably adapted to fulfill the objects primarily stated, it is to be understood that it is not intended to confine the invention to the one form of embodiment herein shown and described, as it is susceptible of embodiment in various forms, all coming within the scope of the claims which follow.

What I claim is:

1. In a device of the class described, the combination of a body element, inwardly extending side walls terminating the upper edge of the side walls of the body element, channel ways disposed within the inwardly extending portion of the body element, locking bars reciprocably disposed within the channel ways, locking latches disposed upon the locking bars, a reversible tray placeable within the body element, a closure for the assembly and locking slots disposed within the side walls of the tray and of the closure and in registrable alignment with each other and adapted to receive the locking latches therein to lock the body element, the tray and the closure together.

2. In a device of the class described, the combination of a body element, a reversible tray adapted to being fixedly positioned relative to the body element, a closure for the tray and the body element, means for locking the closure, the tray and the body element fixedly together, a carrying strap adjustably positioned central of the upper outer side of the closure and a spring clamping bail disposed upon one side of the tray.

3. In a device of the class described, the combination of a body element, a tray reversibly positionable within the body element and adapted to act as a food carrying agent and as a secondary closure for the body element, a closure having a carrying handle positionable upon or within the body element, means for locking the tray and the closure together, and a spring locking bail disposed upon the outside of the tray when used as a closure for the body element.

4. In a device of the class described, the combination of a body element, a tray positionable upon the body element and when in one position to act as a food carrying surface and when reversed to act as a closure for the body element, a thermos bottle carrying

closure for the body element and adapted to being placed within the body element when the device is empty, means for locking the tray and for locking the closure relative to the body element, a carrying handle disposed upon the upper outer surface of the closure and adapted for being used as a carrying handle whether the closure is within, or upon the body element, and means for locking the assembly to the clothing of the carrier when the device is being carried in a retracted condition.

ARCHIBALD EDGAR REMINGTON.