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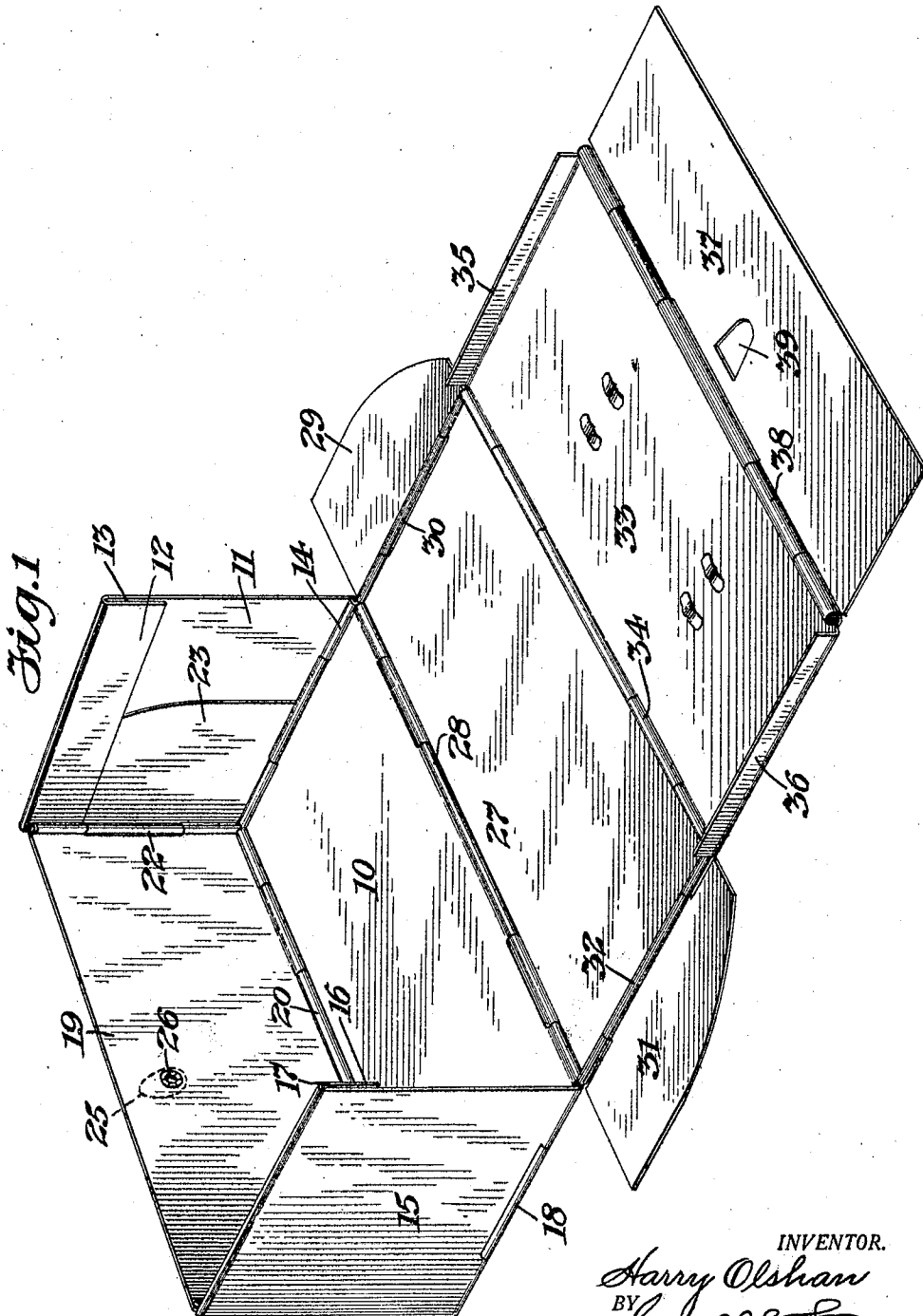
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H. OLSHAN

LUNCH BOX

Filed Feb. 24, 1921

2 sheets-sheet 1



INVENTOR.

Harry Olshan
BY *James E. Olshan*
HIS ATTORNEYS.

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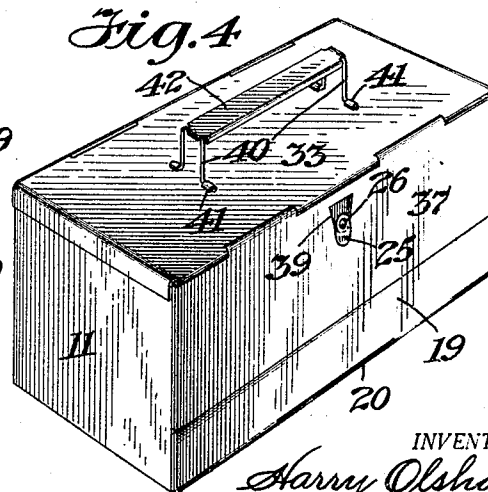
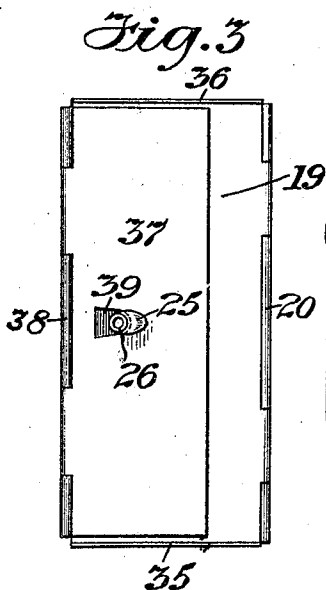
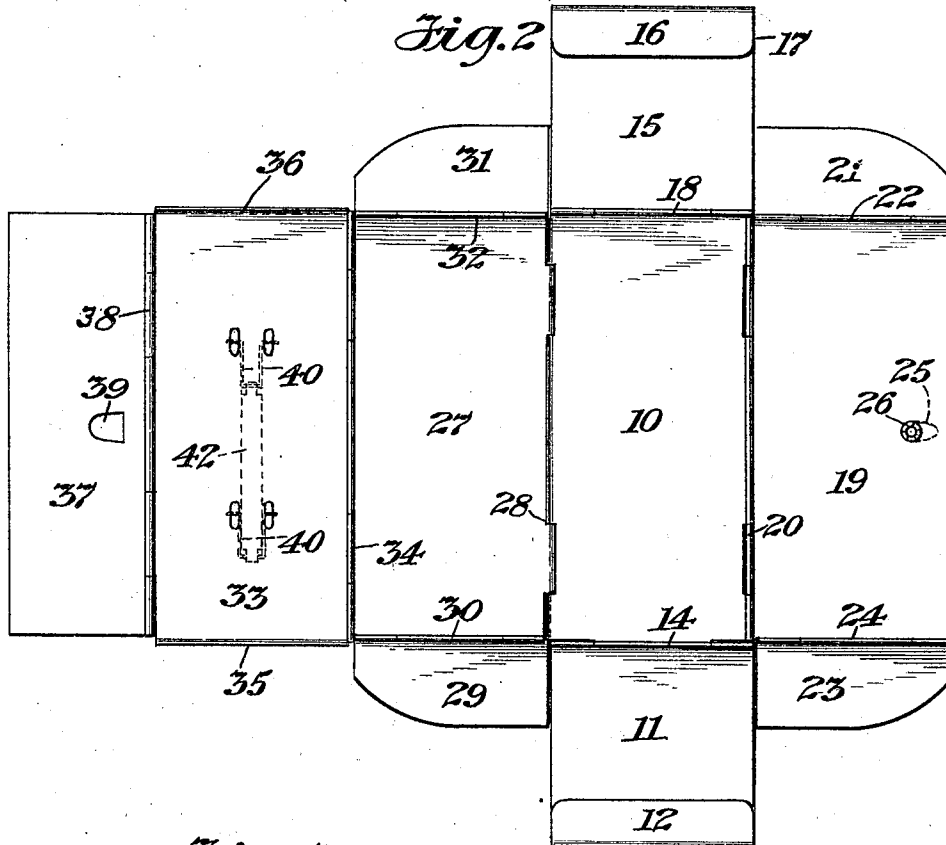
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H. OLSHAN

LUNCH BOX

Filed Feb. 24, 1921

2 sheets-sheet 2



INVENTOR.

Harry Olshan
BY *Gertrude J. Olshan*
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UNITED STATES PATENT OFFICE.

HARRY OLSHAN, OF NEWARK, NEW JERSEY, ASSIGNOR TO GOLDEE MFG. CO., INC., OF
BROOKLYN, NEW YORK.

LUNCH BOX.

Application filed February 24, 1921. Serial No. 447,402.

To all whom it may concern:

Be it known that I, HARRY OLSHAN, a citizen of Austria, residing at Newark, in the county of Essex and State of New Jersey, have invented an Improvement in Lunch Boxes, of which the following is a specification.

This invention relates to lunch boxes and more particularly to that type of lunch box which is so constructed that the parts or walls thereof may be folded to the set up position to contain the lunch and may be also folded to a collapsed position so as to be flat and thus readily adapted to be carried in the pocket of the user or otherwise. It will be understood, however, that while I have illustrated and will describe my invention as particularly adapted to a lunch box the use thereof will not be so limited. I am aware that heretofore various forms of collapsible lunch boxes and similar receptacles have been proposed, and also that in these constructions the walls of the box are so made and connected that the parts thereof are foldable to position for use and also foldable to a collapsed position when not in use. In the common forms of such boxes, however, with which I am acquainted it is not possible in view of the manner in which the parts of the box are connected to make any part of the walls of the box or all the walls thereof lie flat or in substantially the same plane as when the box is open, and inasmuch as in the use of these lunch boxes it is often desirable in order to have a clean place on which the lunch contained in the box may be eaten to provide a flat surface or table for this purpose, and one object of my invention is to so construct a lunch box that either all the walls or a portion thereof may be unfolded and caused to lie flat so that the thus flattened walls of the box when unfolded may be utilized as a table, the construction being such that predetermined walls of the box may be maintained in a set up position to act as a retainer for the lunch contained in the box, while other predetermined walls may be unfolded to a flattened condition to serve as a table. Also so far as I am aware in boxes of this type as ordinarily constructed there is no provision made for adequately securing the walls or parts of the box together when either in a set up or a collapsed position

and it is therefore a further object of my invention to provide a collapsible lunch box so constructed that the parts thereof may be secured or locked together both when the parts are set up as a container and also when the parts are collapsed when not in use, and as constructed the lock or latch employed is one that is adapted to secure the parts of the box in position either when in an assembled condition or when in a collapsed condition, that is to say the latch or locking feature is a unitary one for performing its function when the box is either set up or collapsed, as will be hereinafter more particularly described.

In the drawing:

Figure 1 is a perspective view illustrating a lunch box made in accordance with my invention and showing the parts as partially opened for use with predetermined walls maintained in a set up position to retain the lunch, while other walls are unfolded and caused to lie flat in order that the same may be utilized as a table.

Fig. 2 is a plan view of the box with all the parts thereof in an extended or flattened condition.

Fig. 3 is a plan of the box with the parts in their folded or collapsed positions, and

Fig. 4 is a perspective view showing the box with the parts folded to the set up position for use.

Referring to the drawing, the lunch box made in accordance with this invention is composed of a plurality of walls made of sheet metal or other similar material as is customary in the art to which this invention relates. These walls include a base or bottom wall 10 to which there is pivotally connected an end wall 11. This end wall at its outer edge is turned over as indicated at 12, providing between the same and the adjacent portion of the end wall a pocket 13, the end wall 11 being hinged or pivotally connected to the edge of the bottom member 10 at one end thereof as indicated at 14. Similarly at the other end edge of the bottom 10 there is an end wall 15. At its outer edge this is inturned as indicated at 16 to provide a pocket between the inturned end and the adjacent portion of the end wall as indicated at 17 and the end wall 15 is pivotally connected to the end edge of the bottom 10 as indicated at 18. The front wall is indicated at 19 and

this is pivotally connected to the front edge of the bottom 10 as indicated at 20. At one end the front wall 19 is provided with a flap 21 which is pivotally connected thereto as indicated at 22. Similarly at the opposite end of the front wall 19 there is a flap 23 which is pivotally connected thereto as indicated at 24. In this front wall 19 and in a suitable position therein there is provided a revoluble latch member 25 which is connected thereto by a pivot 26 or otherwise so as to readily turn on the pivot. The box also includes a rear wall 27 which is pivotally connected to the other long edge of the base 10 as indicated at 28. At one end the rear wall 27 is provided with a flap 29 pivotally connected thereto as indicated at 30 and this flap 29 is similar in construction to the flap 23. At its opposite end the rear wall 27 is provided with a flap 31 which is pivotally connected thereto as indicated at 32, and this flap 31 is similar to the flap 21, all these flaps being similarly constructed and adapted to slide in the pockets 13 and 17 in assembling or setting up the parts of the box for use.

The box also includes a top member 33 which, along one long edge, is pivotally connected to the opposite long edge of the rear member 27 as indicated at 34. At its end the top member 33 is turned over and thus provided with extensions indicated at 35 and 36, and pivotally connected to the top member 33 along its opposite long edge is a flap 37, the pivotal connection being indicated at 38. In this flap member 37 a slot or opening 39 is provided to receive the latch 25 as will be hereinafter explained.

The top member may furthermore be provided with a suitable handle which, as indicated, may include a pair of U-shaped straps 40 made of wire or other suitable material and engage at their extremities by hooks 41 which are secured in the top member in any desired manner and also a bar 42 which extends between the U-shaped straps 40 and is pivotally connected thereto so that the parts of the handle may be raised from the surface of the top member by the extremities of the U-shaped straps turning in the hooks 41 and the U-shaped straps turning in the ends of the bar. It will be equally obvious that this handle member may be swung to position so that it will lie substantially flush with the outer surface of the top member.

In the use of the lunch box as hereinbefore described, the hinged parts thereof may be folded to the position shown in Fig. 2 in which they lie in substantially the same plane. In assembling the parts, the end members 11 and 15 are folded or turned to positions at substantially right angles to the bottom or base member 10 and the flaps 21 and 23 are turned to similar positions relatively to the front member 19. This front member is then turned or folded on the hinge 20 so that the edges of the flaps 21 and 23 may be caused to respectively enter the pockets 17 and 13 so that by the continued movement of the front member on its hinge 20 the parts may be brought to the position shown in Fig. 1. Similarly the flaps 29 and 31 pivotally connected to the rear member 27 may be turned to positions at right angles thereto and the rear member turned or folded on its hinge 28 and the flaps 29 and 31 caused to enter the other sides of the pockets 13 and 17 respectively in order to complete the body of the box; then the top member 33 may be turned to the position as shown in Fig. 4 to close the box and the flap 37 turned on the hinge 38 so as to lie against the outer surface of the front member 19. In turning the flap member to position the latch 25 passes through the slot or opening 39 in the flap making the latch accessible exteriorly of the flap so that the latch may be turned to the position shown in Fig. 4 in order to secure the parts of the box together. Obviously the reverse operations are necessary to open the box, and in folding the same to a flattened or collapsed position the parts of the box after being in the position shown in Fig. 2 are first changed from this position to one in which the end members 11 and 15 lie against the surface of the base or bottom 10, the flaps 21 and 23 against the inner surface of the front member 19, and the flaps 29 and 31 against the inner surface of the rear member 27. The front member is then turned on the hinge 20 to lie against one surface of the bottom member, the rear member is turned to lie against the other surface of the bottom member, the top member is then turned on the hinge 34 to lie against the then outer surface of the back member, when, as will be understood, the flap 37 will be turned over the free edge of the front member 19 to lie against the outer surface thereof and in so doing the latch 25 will pass through the opening of the slot 39 in the flap making the latch accessible so as to be turned on its pivot to engage the flap member and thus secure the parts in place in their collapsed position. It will furthermore be noted that in the use of the box the parts thereof may be turned to the position shown in Fig. 1 in which the base or bottom, the front wall and the end walls are maintained in their assembled positions, while the rear wall, the top member and its flap 37 as well as the flaps 29 and 31 attached to the rear wall may be turned or folded so as to lie substantially in the same plane as the bottom member in order that the lunch or other contents of the box may be undisturbed and the unfolded portions of the box be utilized as a table.

I claim as my invention:

1. A container comprising a base, end walls hinged to said base, a front wall hinged to the said base, extensions connected to the said front wall and adapted to be engaged in portions of the said end walls, a rear wall hinged to the said base, extensions connected to the said rear wall and also adapted to be engaged in portions of the said end walls, and a top member hinged to the rear wall and adapted to close the container so that the walls may be turned to a set up position and may also be turned to a collapsed position.

2. A container comprising a base, end walls hinged to said base, a front wall hinged to the said base, extensions connected to the said front wall and adapted to be engaged in portions of the said end walls, a rear wall hinged to the said base, extensions connected to the said rear wall and also adapted to be engaged in portions of the said end walls, a top member hinged to the rear wall and adapted to close the container so that the walls may be turned to a set up position and may also be turned to a collapsed position, and means connected to the front wall and adapted to engage the top wall for securing the walls of the container in place both in a set up and in a collapsed position.

3. A container comprising a base, end walls hinged to the opposite ends of the base, a front wall hinged to one side of the said base, flaps hinged to the ends of the front wall adapted to be engaged in pockets provided therefor in the said end walls, a rear wall hinged to the opposite side of the said base, flaps hinged to the ends of the said rear wall and also adapted to be engaged in pockets provided therefor in the said end walls, and a top member hinged to the said rear wall and adapted to close the said container so that the walls may be thus turned on the hinges to a set up position and may also be turned to a collapsed position.

4. A container comprising a base, end walls hinged to the opposite ends of the base, a front wall hinged to one side of the said base, flaps hinged to the ends of the front wall and adapted to be engaged in pockets provided therefor in the said end walls, a rear wall hinged to the opposite side of the said base, flaps hinged to the ends of the said rear wall and also adapted to be engaged in pockets provided therefor in the

said end walls, a top member hinged to the said rear wall and adapted to close the said container so that the walls may be thus turned on the hinges to a set up position and also may be turned to a collapsed position, and means connected to the front wall and adapted to engage the said top wall for securing the walls of the container in place both in a set up and collapsed position.

5. A container comprising a base, end walls hinged to the opposite ends of the base, a front wall hinged to one side of the said base, flaps hinged to the ends of the front walls and adapted to be engaged in pockets provided therefor in the said end walls, a rear wall hinged to the opposite side of the said base, flaps hinged to the ends of the said rear wall and also adapted to be engaged in pockets provided therefor in the said end walls, a top member hinged to the said rear wall and adapted to close the said container so that the walls may be thus turned on the hinges to a set up position and may also be turned to a collapsed position, a flap hinged to the said top wall, and means connected to said front wall and adapted to engage said flap for securing the walls in place both in a set up and a collapsed position.

6. A container comprising a base, end walls hinged to the opposite ends of the base, a front wall hinged to one side of the said base, flaps hinged to the ends of the front wall and adapted to be engaged in pockets provided therefor in the said end walls, a rear wall hinged to the opposite side of the said base, flaps hinged to the ends of the said rear wall and also adapted to be engaged in pockets provided therefor in the said end walls, a top member hinged to the said rear wall and adapted to close the said container so that the wall may be thus turned on the hinges to a set up position and may also be turned to a collapsed position, a flap hinged to the said top wall, and a latch associated with the front wall and adapted to engage the last aforesaid flap when the walls are in a set up position and also when the walls are in a collapsed position so as to secure the walls in place when in either positions.

Signed by me this 23rd day of December, 1920.

HARRY OLSHAN.