Aug. 28, 1928. 1,681,940

J. G. LANDER

BOX

Filed Dec. 18, 1925

FIG. 1

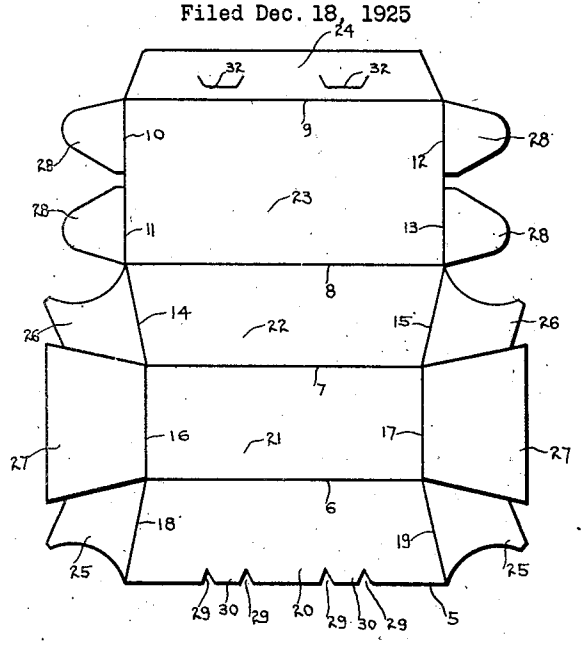


FIG. 2

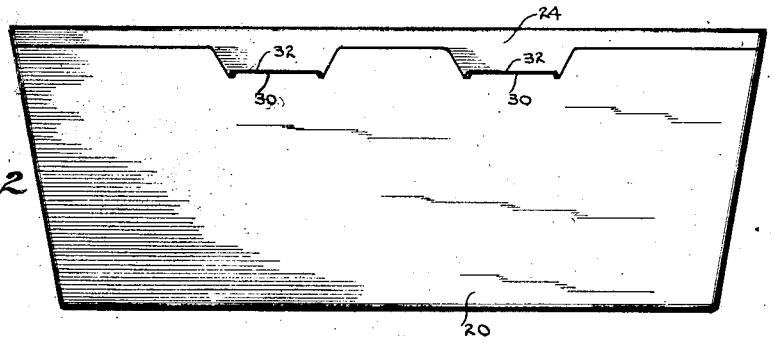
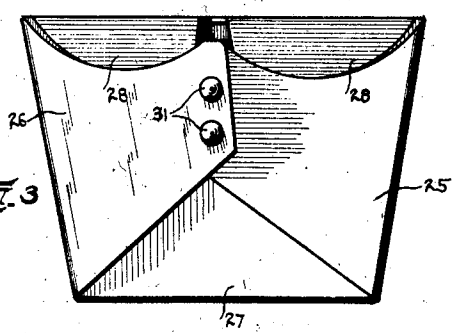


FIG. 3



INVENTOR.

BY James G. Lander.

Morsell, Keeney & Morsell.

ATTORNEYS.

Patented Aug. 28, 1928. 1,681,940

UNITED STATES PATENT OFFICE.

JAMES G. LANDER, OF MILWAUKEE, WISCONSIN.

BOX.

Application filed December 18, 1925. Serial No. 76,247.

This invention relates to improvements in boxes, and more particularly to paper or pasteboard boxes of the knock down type.

It is one of the objects of the present invention to provide a knock down box formed of grease proof material and non-leakable in construction, making it suitable for shipping smoked fish.

A further object of the invention is to provide a box of the class described including a cover formed from a one piece blank.

A further object of the invention is to provide a box of the class described having inwardly inclined sides whereby a plurality of boxes may be packed one within another to save space in shipping and storing.

A further object of the invention is to provide a knock down box formed with an integral cover, the inner surface of which may be used for advertising matter, thereby adapting the box for display purposes.

A further object of the invention is to provide a paper box in which the cover may be firmly held in its closed position.

A further object of the invention is to provide a box of the class described which is of very simple construction, is inexpensive to manufacture, is easily assembled, is strong and durable, and is well adapted for the purposes described.

With the above and other objects in view the invention consists of the improved box, and its parts and combinations as set forth in the claims, and all equivalents thereof.

In the accompanying drawing in which the same reference characters indicate the same parts in all of the views:

Fig. 1 is a plan view of the box blank;

Fig. 2 is a front view of the box as assembled; and

Fig. 3 is an end view thereof.

Referring now more particularly to the drawing it will appear that the numeral 5 indicates the box blank which is shaped as shown and formed with scored fold lines 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18 and 19, the fold lines 6, 7, 8 and 9 defining a front portion 20, a bottom 21, a rear portion 22, a top 23, and a front top flap 24.

End flaps 25 and 26 of angular shape extend outwardly from the scored lines 18 and 19, and 14 and 15 of the front 20 and the rear 22, while inwardly tapered ends 27 are defined from the bottom 21 by the lines 16 and 17. A pair of tongues 28 of curved formation extend from each end of the top portion 23. V-shaped notches 29 are cut in the outer edge of the front portion 20 to form a pair of lips 30.

To form the finished box from the blank, the ends 27 are bent up, as are also the front 20 and the rear 22. The end flaps 25 and 26 at each end are overlapped and secured together by pins or rivets 31. Then, to close the cover the tongues 28 at each end are inserted into the pockets formed between the ends 27 and the flaps 25 and 26, as shown in Fig. 3. The front of the cover is secured in closed position by inserting the front flap 24 inwardly of the top edge of the front portion 20 and passing the lips 30 into slits 32 formed therefor in the portion 24, as shown in Fig. 2.

It will then be seen that the box when closed is very tight and as it is preferably formed of waxed or waterproof material, it is especially suited for shipping smoked fish and the like. The boxes may either be shipped as blanks, or folded into shape and packed one within the other with the covers open, this being permitted by the tapered construction of the boxes. The box may also be used for display purposes with the cover open and advertising matter delineated on the inner surface thereof. Furthermore, the box is formed from a one piece blank, is of very simple and novel construction and is well adapted for the purposes described.

What I claim as my invention is:

A non-folding box composed of a single piece of material, having a bottom, inwardly tapered ends and sides extending therefrom, a top extending from the rear side, a flap joining the front edge of the top, flaps extending from both sides over-lapping each other and the ends, the upper edges of the flaps being inwardly curved, staples extending through the over-lapped portions of said flaps, a pair of divided pockets being formed at each end between the flaps and the box ends, the curved edges of said flaps facilitating the opening of said pockets, and a pair of separated tongues extending from each end portion of the cover for lodgment in pairs of said pockets.

In testimony whereof, I affix my signature.

JAMES G. LANDER.