April 8, 1952 P. I. HENDERSON 2,591,812

CARTON FOR MAKING ICE-CREAM SANDWICHES

Filed Jan. 7, 1950 2 SHEETS--SHEET 1

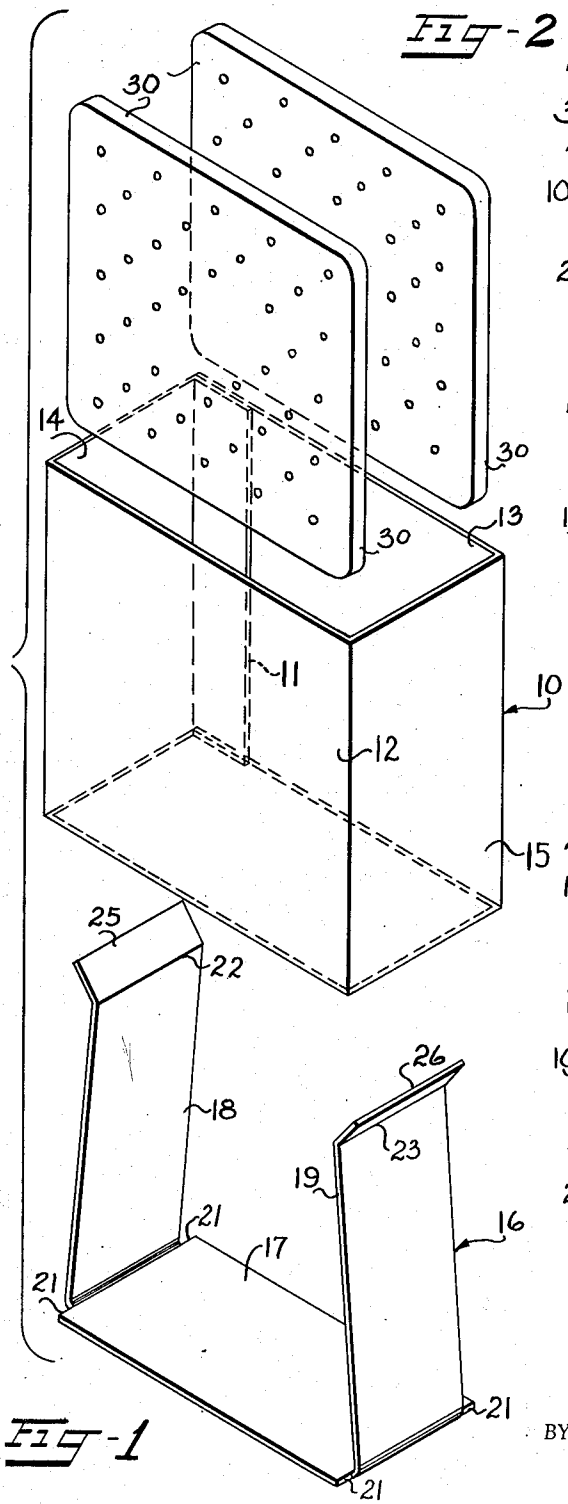


Fig - 1

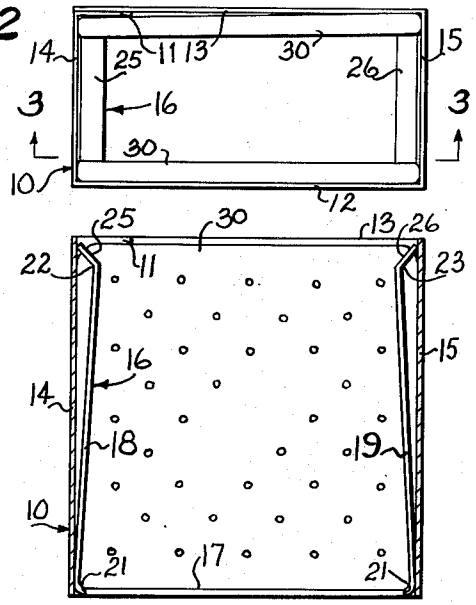


Fig - 2

Fig - 3

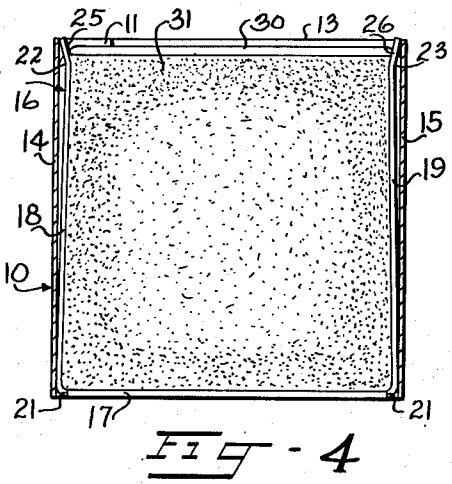


Fig - 4

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Fig - 5

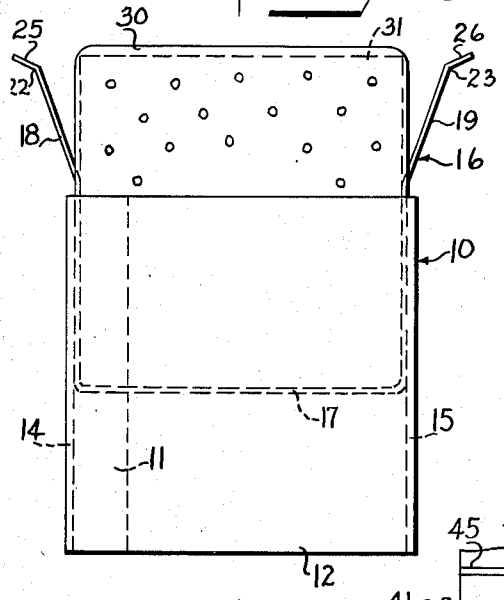
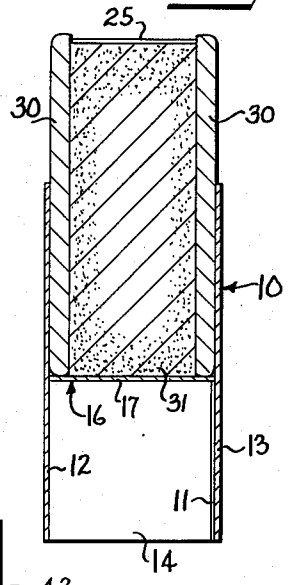


Fig - 6



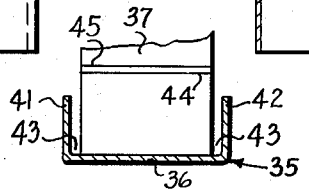


Fig - 9

Fig - 7

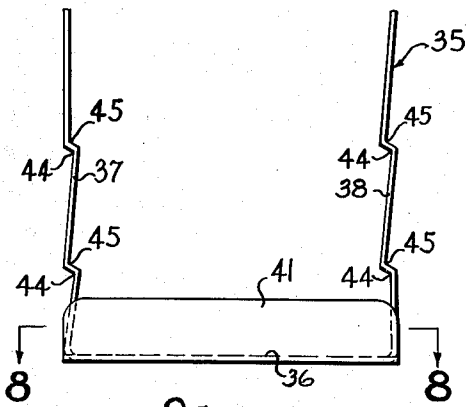
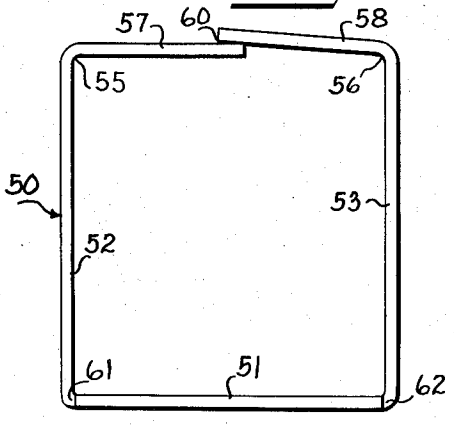


Fig - 10



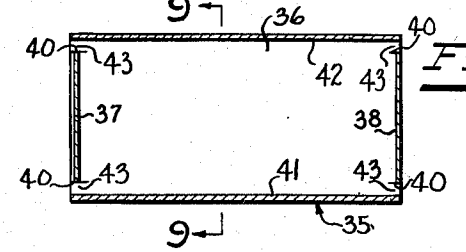


Fig - 8

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UNITED STATES PATENT OFFICE

2,591,812

CARTON FOR MAKING ICE-CREAM SANDWICHES

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Application January 7, 1950, Serial No. 137,340

2 Claims. (Cl. 229—6)

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This invention relates to a carton and more especially to a carton adapted to hold an ice cream sandwich or the like which comprises two wafers having ice cream filling or the like therebetween. It is an object of this invention to provide a carton having a rectangular sleeve portion open at both of its ends and having a substantially U-shaped slide member which has a base of the same size as the area defined by the rectangular sleeve and provided at its ends with a pair of upstanding members of the same height as the side walls of the rectangular sleeve and said upstanding members being of a width equal to the space between two wafers forming an ice cream sandwich.

It is still another object of this invention to provide a rectangular sleeve having a U-shaped member therein adapted to hold an ice cream sandwich or the like within the rectangular sleeve whereby the U-shaped member may be pushed upwardly to eject the ice cream sandwich from the top of the rectangular sleeve to permit the same to be eaten or to be removed from the rectangular sleeve and the U-shaped portion also serving to hold the wafer portions of the ice cream sandwich in spaced position within the carton while the sandwich is being formed.

Some of the objects of the invention having been stated, other objects will appear as the description proceeds, when taken in connection with the accompanying drawings, in which—

Figure 1 is an exploded view of the improved carton showing the rectangular sleeve member in the center, the U-shaped slide member at the bottom and two wafers used in making a sandwich at the top;

Figure 2 is a top plan view of the assembled carton with two wafers disposed therein;

Figure 3 is a vertical sectional view taken substantially along the line 3—3 in Figure 2;

Figure 4 is a vertical sectional view similar to Figure 3 but showing the carton with a completed filling therein;

Figure 5 is a side elevation of the improved carton with an ice cream sandwich partially removed therefrom;

Figure 6 is a vertical sectional view taken substantially along the line 6—6 in Figure 5;

Figure 7 is a side elevation of a modified form of slide member disassociated from the carton;

Figure 8 is a top plan view of the modified slide member shown in Figure 7;

Figure 9 is a vertical sectional view of the modified slide member shown in Figure 7 and is taken along the line 9—9 in Figure 8;

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Figure 10 is a side elevation of still another modified form of slide member disassociated from the carton.

Referring more specifically to the drawings there will be observed a rectangular sleeve 10 which is formed from a single piece of stock folded along suitable score lines to form front and rear walls 12 and 13, respectively, and end walls 14 and 15, and having one end thereof overlapping the other and suitably secured thereto at 11 as by adhesive.

A substantially U-shaped slide member 16 is provided which has a base 17 of substantially the same size as the area defined by the walls 12 through 15 inclusive and provided with a pair of upstanding members 18 and 19 on each end thereof. The upstanding members 18 and 19 are of a smaller width than the width of the base 17 and consequently the edges of the base 17 extend beyond the edges of the upstanding members 17 and 18 as at 21.

In the preferred form of this invention, the uppermost portion of each of the upstanding members 18 and 19 is folded along score lines 22 and 23, respectively, to form tabs 25 and 26, respectively, at the uppermost portion of each of the upstanding members 18 and 19.

The sleeve 10 with the slide member 16 fitted therein is adapted to receive an ice cream sandwich which comprises a pair of wafers 30 having ice cream filling 31 disposed therebetween. Now, this carton is especially adapted to permit the wafers 30 to be mounted in spaced relation in the carton so that the ice cream 31 in a semi-frozen condition may be poured into the carton between the wafers 30 and then frozen to a solid condition.

The tabs 25 and 26 of the upstanding members 18 and 19 cause the upstanding members 18 and 19 to be spaced slightly apart from the inner surface of the end walls 14 and 15 of the sleeve 10. The tabs 25 and 26 thus hold the upstanding members 18 and 19 of the slide member 16 in spaced relation to the end walls 14 and 15 so that the members 18 and 19 will hold the wafers 30 apart from each other prior to semi-frozen ice cream or other filling being placed between the wafers 30. If desired, the stock forming the slide member 16 with the upstanding members 18 and 19 may be of a thickness sufficient to hold the wafers 30 in spaced position so that the tabs 25 and 26 may be eliminated.

Referring to Figures 7, 8 and 9, there will be observed a modified form of slide member indicated at 35 which has a base 36 of substantially the same size as the area defined by the walls 12

through 15, inclusive, of the rectangular sleeve 10, and said base 36 also has upstanding members 37 and 38 on each end thereof.

The base 36 is slitted at each side thereof as at 40 to permit the upstanding members 37 and 38 to be folded upwardly so that the outer surface of the lower portion of the upstanding members 37 and 38 will be disposed in spaced relation to the end walls of the sleeve. The front and rear edges of the base 36 are provided with upstanding side tabs 41 and 42, respectively. By referring to Figure 8 it will be observed that the upstanding members 37 and 38 are of a smaller width than the width of the base 36 to provide channels 43 between each edge of the upstanding members 37 and 38 and the proximate surfaces of the upstanding tabs 41 and 42. These channels 43 coincide with the channels between the side walls of the sleeve and the edges of the upstanding members 37 and 38.

Each of the upstanding members 37 and 38 is crimped along suitable score lines 44 and 45 to hold the upstanding members 37 and 38 further away from the end walls 14 and 15 of the sleeve member 10.

It is thus seen that suitable wafers may be placed in the sleeve 10 fitted with the modified form of slide member 35 so that the edges of the wafers will be disposed in the channels 43 and the wafers will be held in spaced relation to each other by the upstanding members 37 and 38 and the inner surfaces of the upstanding tabs 41 and 42 so that a suitable filling may be placed between the wafers to form a sandwich.

Referring to Figure 10 there will be observed still another form of slide member indicated at 50 having a base 51 provided with an upstanding member 52 and 53 at each end thereof. The upstanding members 52 and 53 are of a greater vertical height than the end walls 14 and 15 of the sleeve 10 and are folded as at 55 and 56 to form top flaps 57 and 58, respectively, which overlap each other as at 60 when in folded position.

It will be observed that the blank forming the slide member 50 is of stock having a greater thickness than the stock in the other forms of slide members shown and that the blank is cut away as at 61 and 62 at the front and rear of the base 51 so that the width of the upstanding members 52 and 53 will be less than the width of the base member 51 and the edges of the upstanding members 52 and 53 will serve to hold a pair of wafers in spaced relation within a rectangular sleeve 10 in a manner similar to the previous forms of the invention, to permit filling to be placed between the wafers to form a sandwich at which time the top flaps 57 and 58 may be folded to the position shown in Figure 10 to thus encase the sandwich within the carton and to provide a completely closed and sanitary package.

In the drawings and specification there has been set forth a preferred embodiment of the invention, and although specific terms are em-

ployed, they are used in a generic and descriptive sense only, and not for purposes of limitation, the scope of the invention being defined in the claims.

I claim:

1. A carton for ice cream sandwiches and the like comprising a rectangular sleeve having front and rear walls and a pair of end walls, a substantially U-shaped slide member having a rectangular base of the same size as the interior of the sleeve, said slide member being slidably positioned within said sleeve with the base thereof closing the bottom of said sleeve, said base being provided with an upstanding member pivoted on each end thereof, the edges of said upstanding members being spaced from the front and rear walls of the rectangular sleeve, the space between the edges of said upstanding members and the front and rear walls of said sleeve forming channels for the reception of wafers, said upstanding members being crimped intermediate their ends, said crimps serving to hold the upstanding members in spaced relation to the end walls of the sleeve and said upstanding members holding said wafers in spaced relation to each other to permit filling material to be placed therebetween to form a sandwich.

2. A carton for ice cream sandwiches and the like comprising a rectangular sleeve having front and rear walls and a pair of end walls, a slide member having a rectangular base of the same size as the interior of the sleeve, said slide member being slidably positioned within said sleeve with the base thereof closing the bottom of said rectangular sleeve, said base being provided with an upstanding member pivoted on each end thereof, and being of substantially the same height as the sleeve, said base also having an upstanding tab pivoted on each side thereof of a lesser height than said upstanding members, the edges of said upstanding members being spaced from the front and rear walls of the rectangular sleeve, the space between the edges of said upstanding members and the sleeve and between the upstanding members and the tabs forming a pair of spaced channels for the reception of wafers to permit filling to be placed between the wafers to form a sandwich, each of said upstanding members being crimped intermediate its ends and said crimps serving to hold the portions of upstanding members in spaced relation to said end walls.

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