

Aug. 21, 1951

L. HERMANI

2,565,129

SHEET METAL BREAD BOX

Filed June 22, 1945

Fig. 1.

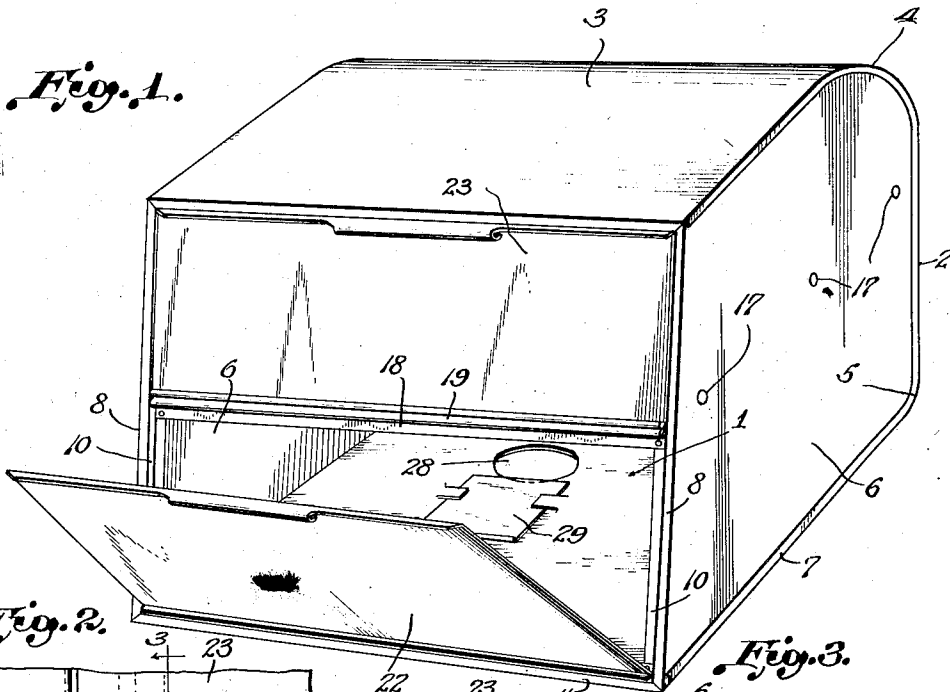


Fig. 2.

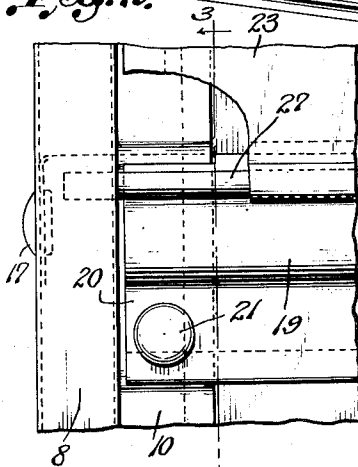


Fig. 3.

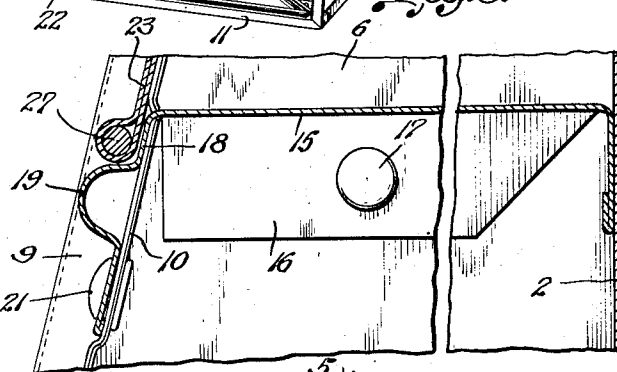


Fig. 4.

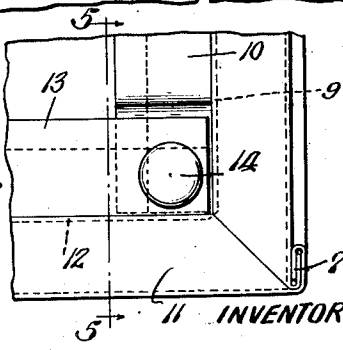
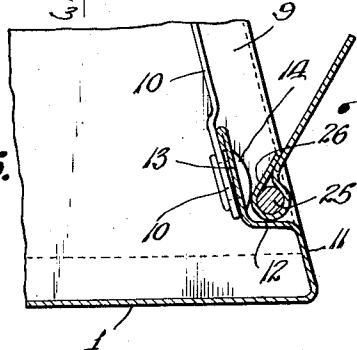


Fig. 5.



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UNITED STATES PATENT OFFICE

2,565,129

SHEET METAL BREAD BOX

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Application June 22, 1945, Serial No. 601,046

2 Claims. (Cl. 312—328)

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The invention relates to new and useful improvements in a two-compartment sheet metal bread box.

An object of the invention is to provide a two-compartment sheet metal bread box which consists of few parts firmly joined and wherein the sides, top and bottom are shaped at the front end of the box so as to provide inset door jambs.

A further object of the invention is to provide a bread box of the above type wherein the door jambs at the side of the box incline rearwardly whereby down-folding doors will be held closed by gravity.

In the drawings, which show by way of illustration one embodiment of the invention,

Figure 1 is a perspective view of a sheet metal bread box embodying the improvements, the upper door being closed and the lower door partly open.

Figure 2 is an enlarged view of a portion of the front of the bread box with parts broken away to show the connection of the partition to the side walls of the box and the arrangement of the pintle on which the door is hinged.

Figure 3 is a sectional view on the line 3—3 of Figure 2.

Figure 4 is a front view of the right hand door corner of the box on an enlarged scale, the door pintle and door being omitted from this view.

Figure 5 is a sectional view on the line 5—5 of Figure 4 with the door pintle and door in place and the door partly open.

The invention has to do with a sheet metal bread box. The bottom, rear side or back, and the top are all made of one piece of metal which is preferably shaped at the rear so as to provide a gradually rounded portion where the top merges into the back and also a rounded portion where the back merges into the bottom. Sheet metal one-piece sides are secured to the bottom, back and top by seaming or clinching. The box is divided into two compartments by a horizontal partition.

The front edges of the bottom, top, and sides are bent laterally, thence inwardly, and thence again laterally so as to provide inset door jambs. The partition is also bent downwardly and beaded so as to provide separated door jambs.

There is a door for each compartment and the doors are mounted so as to fold down. The front of the box is inclined rearwardly so that when the doors are in closed position against the door jambs they will rest thereon by gravity.

Referring in more detail to the drawings, the improved sheet metal bread box includes a bot-

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tom 1, a back 2, and a top 3. The bottom, back and top are made from one piece of metal. The metal of the top where it joins the metal of the back is rounded as indicated at 4 in Figure 1. Likewise, the metal of the bottom is rounded as indicated at 5 in Figure 1.

Joined to the bottom, back, and sides at each end of the box is a single piece sheet metal side 6. The side wall is flanged all the way around and this flange of the side wall is rolled with a projecting portion of the bottom, back, and top into a seam indicated at 7 in Figure 4 of the drawings. This character of seam is well known in the art and detailed description thereof is not thought necessary. This is a very simple way of forming a very rigid connection between the sides and the remainder of the body portion of the box.

The front end portions of the sides of the box are bent laterally inwardly toward each other as indicated at 8 in the drawings. These laterally bent portions 8 are thence bent rearwardly at 9 and then again laterally inwardly at 10, thus forming inset door jambs for the doors. The bottom 1 is likewise bent laterally in an upward direction as indicated at 11 in Figure 5, thence rearwardly as indicated at 12, and again laterally inwardly in an upward direction as indicated at 13. This forms a door jamb extending across the bottom of the box. The laterally projected portion 13 of the bottom and the laterally inset portion 10 of the side wall are lapped and secured together by a rivet 14.

The top of the box is similarly constructed. It is bent downwardly, thence rearwardly, and thence downwardly to form an inset door jamb which laps onto the door jambs of the side walls and is riveted thereto.

The interior of the box is divided into two compartments by a partition 15. This partition is horizontal and is so disposed as to divide the box into two substantially equal compartments. The partition at its ends has downwardly bent flanges 16 which are secured by rivets 17 to the side walls of the box. The partition at the front edge thereof is bent downwardly at 18 and is beaded at 19 intermediate the upper and lower portions of the downwardly bent part so as to provide two spaced door jambs extending across the front of the box. This downwardly projecting portion of the partition is extended as indicated at 20 in Figure 2 so as to overlap the door jamb 10 of the side member and is secured thereto by riveting as indicated at 21.

The top, bottom, and side walls are so dimensioned and shaped that the door jambs referred

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to above incline rearwardly from the bottom toward the top.

The lower compartment is closed by a door 22 and the upper compartment is closed by a door 23. A pintle rod 25 is located adjacent the inwardly bent part 12 and extends all the way across from the one inwardly bent portion 9 of the side wall to the other and extends through these inwardly bent portions so as to be supported thereby. The door 22 is formed of a single piece of sheet metal and at the bottom is looped about the pintle rod 25 as indicated at 26 in Figure 5 of the drawings. The upper door is similarly constructed and is hingedly connected to a pintle rod 27 located adjacent the partition and extending all the way across and through the inwardly bent portions 9 of the side walls.

When the doors are in closed position they rest on the door jambs which are inset as noted above so that the doors are substantially housed within the openings therefor. Inasmuch as the door jambs incline rearwardly the doors will be held in closed position by gravity so that no latches are necessary for holding the doors tightly closed.

The bottom wall 1 of the box may be provided with an opening 28 which greatly facilitates the removal of crumbs and the like from the lower compartment. This opening may be covered by a slide 29.

It will be obvious that minor changes in the details of the construction and the arrangement of parts may be made without departing from the spirit of the invention as set forth in the appended claims.

I claim:

1. A two-compartment sheet metal bread box comprising a one-piece bottom, back and top, one-piece sides seamed thereto, a horizontal partition dividing the box into two compartments, said bottom, top and sides having their front end portions bent laterally inwardly, then rearwardly, and again laterally inwardly to form inset door jambs, said partition being bent down-

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wardly and beaded intermediate the upper and lower ends thereof so as to form spaced door jambs, a door for closing each compartment, each door being hinged at the lower edge thereof to swing outwardly and downwardly when opened, the sides, top and bottom being dimensioned so that the side door jambs incline rearwardly from the bottom toward the top whereby the doors resting thereon will be held closed by gravity.

2. A two-compartment sheet metal bread box comprising a one-piece bottom, back and top, one-piece sides seamed thereto, a horizontal partition dividing the box into two compartments, said bottom, top and sides having their front end portions bent laterally inwardly, then rearwardly, and again laterally inwardly to form inset door jambs, said partition being bent downwardly and beaded intermediate the upper and lower ends thereof so as to form spaced door jambs, hinge pintle rods adjacent the partition and bottom and extending through the rearwardly bent portions of the sides, and a one-piece door hingedly connected to each pintle for independently closing the compartments, said sides, top and bottom being dimensioned so that the side door jambs incline rearwardly from the bottom toward the top whereby the doors resting thereon will be held closed by gravity.

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REFERENCES CITED

The following references are of record in the file of this patent:

UNITED STATES PATENTS

Number	Name	Date
1,240,224	Klenk	Sept. 18, 1917
1,281,587	Kovachevich	Oct. 15, 1918
1,833,486	Hazelquist	Nov. 24, 1931
1,876,742	Pfingsten	Sept. 13, 1932
1,880,250	Hopkins	Oct. 4, 1932
2,158,155	Roy	May 16, 1939