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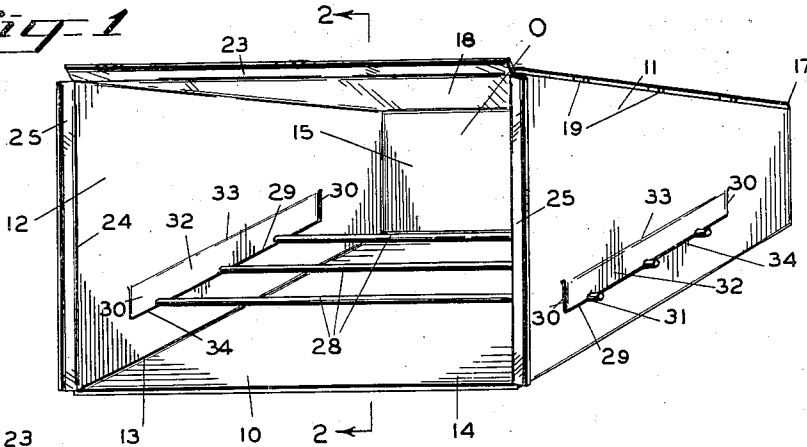
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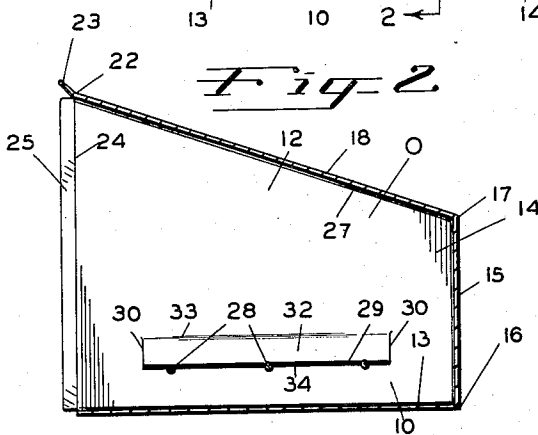
REFLECTOR CAMP OVENS

Filed Oct. 10, 1958

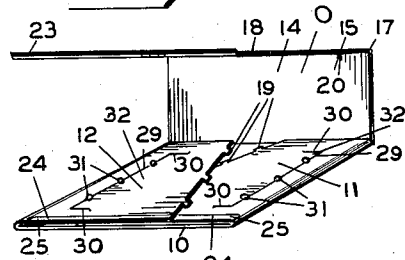
*Fig 1*



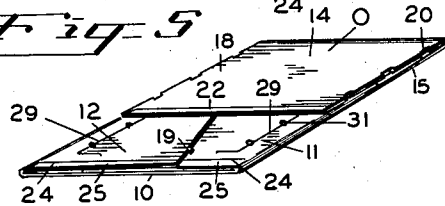
*Fig 2*



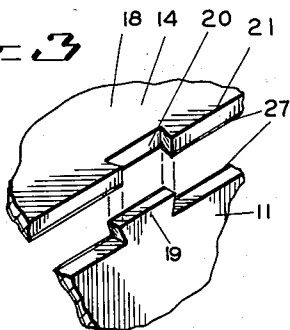
*Fig 4*



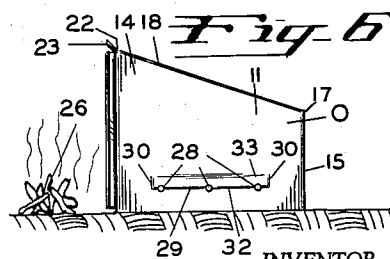
*Fig 5*



*Fig 3*



*Fig 6*



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## REFLECTOR CAMP OVENS

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1 Claim. (Cl. 126—274)

The present invention relates to reflector camp ovens and particularly to those used in front of camp fires for cooking and baking.

The primary object of the invention is to provide a reflector oven that when arranged in front of a camp fire will reflect radiated heat from the camp fire into a concentrated area within the reflector oven.

Another object of the invention is to provide a reflector oven of the class described above that can be dismantled and folded into a small space.

Other objects and advantages will become apparent in the following specification when considered in the light of the attached drawings, in which:

Figure 1 is a perspective view of the invention;

Figure 2 is a vertical sectional view, taken on the line 2—2 of Figure 1, looking in the direction of the arrows;

Figure 3 is a fragmentary enlarged perspective view;

Figure 4 is a perspective view showing the oven partially collapsed;

Figure 5 is a perspective view which illustrates the oven collapsed for transportation; and

Figure 6 is a side elevation of the oven shown in its relation to a camp fire.

Referring now to the drawings in detail wherein like reference characters indicate like parts throughout the several figures, the reference character O indicates generally a reflector oven constructed in accordance with the invention. The oven O includes a bottom 10 and end walls 11 and 12. These end walls 11 and 12 are formed integrally with and are turned upwardly from the bottom 10 along the crease lines 13, which have been previously imprinted in the sheet material 14 from which the oven O is formed.

The back wall 15 is turned upwardly from the bottom 10 along a crease line 16 and is then bent forwardly and upwardly along a crease line 17, providing a top 18. The end walls 11 and 12 are interlocked with the top 18 by means of a plurality of tongues 19 which are formed on the upper edge of the walls 11, 12.

The tongues 19 engage in notches 20 formed along the opposite edges 21 of the top 18, as best illustrated in Figure 3. The notches 20 and tongues 19 are proportioned so that they will snap together under pressure holding themselves together until forcefully separated.

A crease line 22 is formed along the forward edge of the top 18 to permit the edge 23 to be flared upwardly as best illustrated in Figures 1 and 2. A crease line 24 is also formed on the forward edges of the end walls 11 and 12 to allow the front edge 25 of the end walls 11, 12 to be flared outwardly. The flared edge 23, 25 assists in directing heat from the camp fire 26 into the interior of the reflector oven O, also, additionally, providing for great strength of the top 18 and end walls 11 and 12.

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The inner surface of the top 18, end walls 11 and 12, back 15 and bottom 10 have a reflecting sheet of material 27, such as aluminum foil adhesively secured thereto. In some cases a reflecting paint may be used instead of the foil 27.

Supporting rods 28, preferably of metal, extend transversely of the oven O for supporting food to be cooked or baked. The end walls 11 and 12 are slitted along the lines 29 and 30 and are punched out at the points 31 so that the rods 28 will lay within these punched out portions 31. The punched out portions 31 are relatively smaller than the rod 28.

In order to install the rods 12, the portions 32 are bent outwardly along the crease line 33 and the rod 28 dropped into the notches 31, after which the portions 32 are pushed back flush with the ends walls 11 and 12, thereby punching or gripping the rods 28 between the portions 32 and the edge 34 of the end walls 11 and 12. This prevents the rods 28 from slipping in either direction after they are once installed.

Referring to Figures 4 and 5, when the oven O is not in use the rods 28 are removed by pushing the portions 32 outwardly, releasing the rods 28. The tongues 19 are removed from the notches 20, making it possible to fold the end walls 11 and 12, as illustrated in Figure 4, after which the rear wall 15 is forced downwardly along the crease line 16 until level with the bottom 10. The top 18 can then be folded down against the rear wall 15, as shown in Figure 5, all of the ends 11, 12, bottom 13, back 15 and top walls 18 will then be in a flat package for shipment or storage.

The rods 28 may be packed adjacent the above completed package, requiring but a minimum amount of space.

Having thus described the preferred embodiment of the invention, it should be understood that numerous structural modifications and adaptations may be resorted to without departing from the scope of the appended claim.

What is claimed is:

A reflector camp oven comprising a single sheet of foldable material formed with a bottom panel, a pair of side panels integrally formed with said bottom panel along opposite side edges thereof, a rear panel integrally formed with said bottom panel along the rear edge thereof, a top panel integrally formed with the upper edge of said rear panel, said side panels being foldable with respect to said bottom panel along crease lines separating said side panels and said bottom panel, said back panel being foldable with respect to said bottom panel along a crease line separating said bottom panel and said back panel, said top panel being foldable with respect to said back panel along a crease line separating said top panel and said back panel, means releasably securing the upper edges of said side panels to the side edges of said top panel with said panels in erected position, said means comprising a plurality of interfitting tongues and notches formed respectively on the edges of said side panels and said top panel, outwardly flaring offset end portions on the forward edges of said side panels, an upwardly flaring offset end portion on the forward edge of said top panel, and heat reflecting means supported on the inner surface of said side panels, said bottom panels, said top panel, and said back panel, to reflect heat from a fire on the food supported in said oven, said side panels each having slots therein extending in parallel relation and parallel to said bottom panel, and punched out portions at spaced intervals along said slots, and support-

ing rods extending transversely across said oven with  
their ends engaged in said punched out portions.

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