

(No Model.)

H. E. BRYAN & W. T. HARRIMAN.
DINNER PAIL AND LANTERN.

No. 581,058.

Patented Apr. 20, 1897.

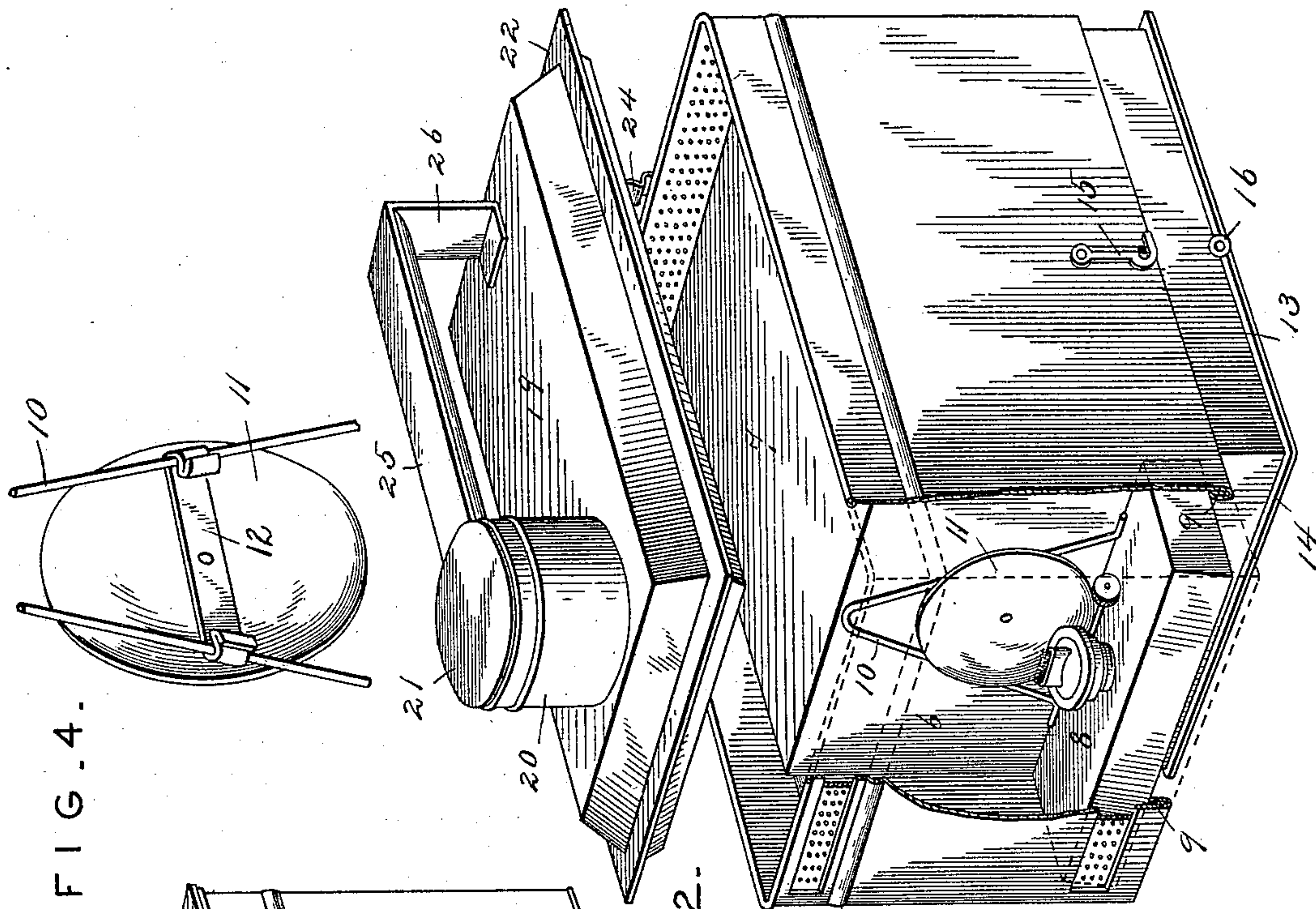
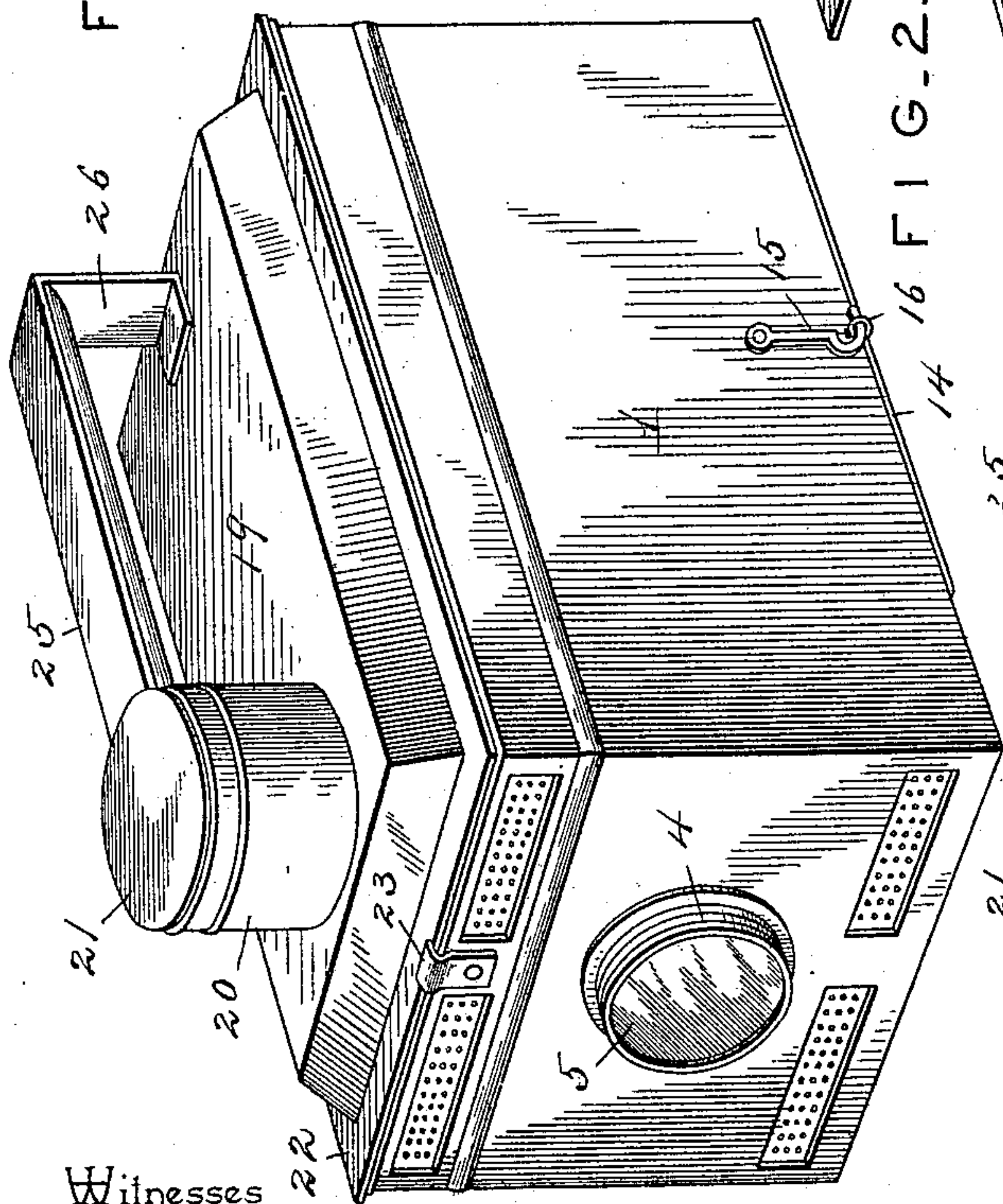


FIG. 4.



Witnesses

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FIG. 1.

By their Attorneys,

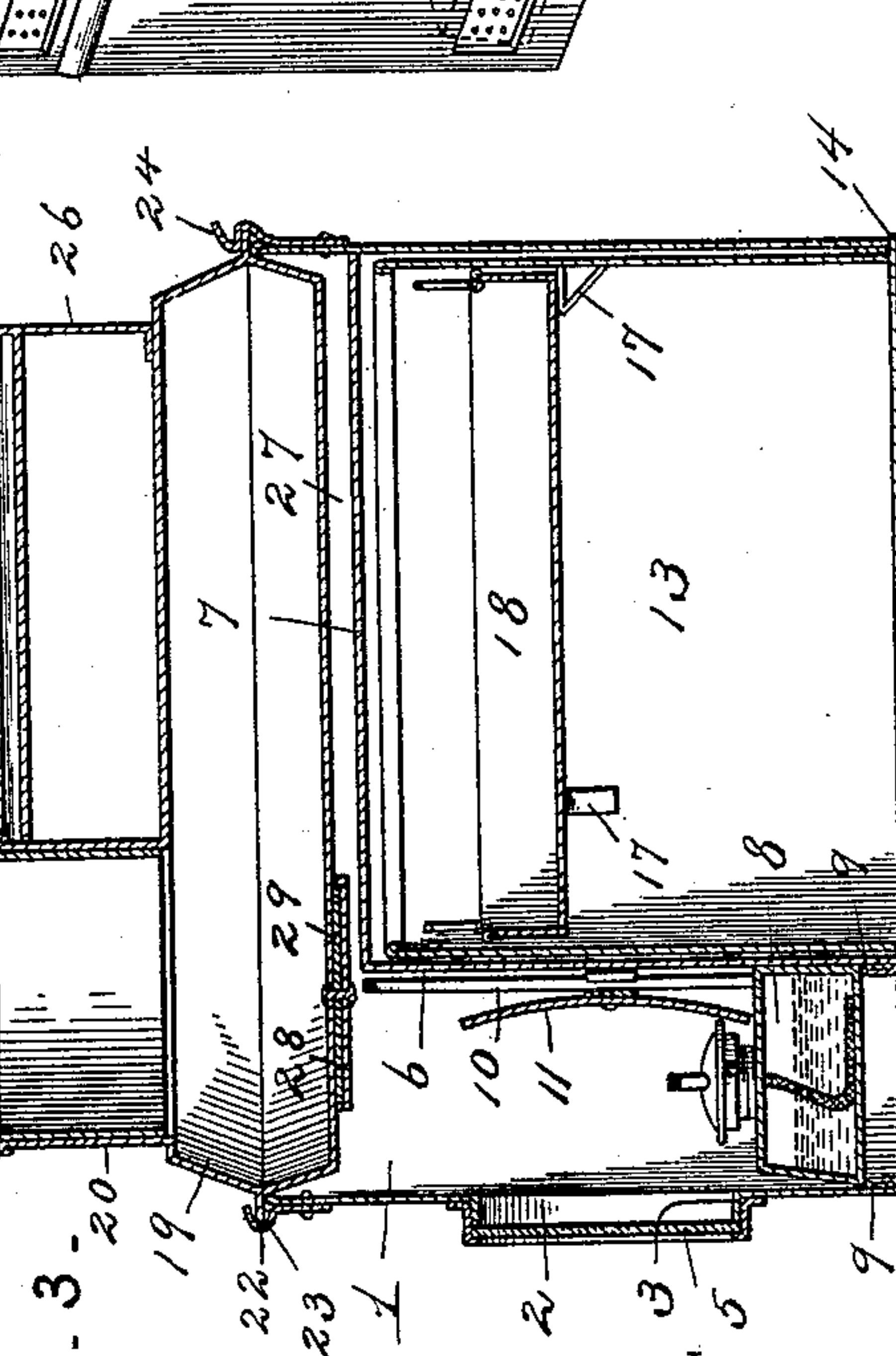


FIG. 2.

FIG. 3.

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HARRY E. BRYAN AND WILLIAM T. HARRIMAN, OF CADIZ, OHIO.

DINNER-PAIL AND LANTERN.

SPECIFICATION forming part of Letters Patent No. 581,058, dated April 20, 1897.

Application filed March 31, 1896. Serial No. 585,635. (No model.)

To all whom it may concern:

Be it known that we, HARRY E. BRYAN and WILLIAM T. HARRIMAN, citizens of the United States, residing at Cadiz, in the county of Harrison and State of Ohio, have invented a new and useful Dinner-Pail and Lantern, of which the following is a specification.

This invention relates to lunch or dinner buckets having a lamp to warm the victuals and drink and for lighting the workman on his way before and after daylight and in dark places.

The invention aims to render the various parts easily accessible for trimming, replenishing, and lighting the lamp, for reaching the food and drink, and for cleansing and ventilating the bucket or pail; and the same consists of certain details of construction and novel features which hereinafter will be more fully described and claimed.

For a full understanding of the merits and advantages of the invention reference is to be had to the accompanying drawings and the following description.

The improvement is susceptible of various changes in the form, proportion, and the minor details of construction without departing from the principle or sacrificing any of the advantages thereof, and to a full disclosure of the invention an adaptation thereof is shown in the accompanying drawings, in which—

Figure 1 is a perspective view of a dinner-pail and lantern embodying the essence of this invention. Fig. 2 is a view similar to Fig. 1, having the top elevated, the box partially withdrawn, and parts broken away. Fig. 3 is a vertical longitudinal section thereof. Fig. 4 is a detail view of the reflector and its support.

Corresponding and like parts are designated in the several views of the drawings and referred to in the following description by the same reference-characters.

The body of the bucket or pail consists of a rectangular-shaped casing 1, which is open at its top and bottom. An opening 2 is provided in the front end of the casing and has a collar 3, to which is fitted a ring 4, bearing a glass plate 5. To prevent the accidental displacement of the ring 4, the latter and the

collar are formed with corresponding threads, so that the ring has positive connection with the collar by screwing thereon. A vertical partition 6 is arranged adjacent to the front end of the casing and extends from the bottom thereof to within a short distance of its top and connects with a horizontal partition 7, which reaches to the rear end of the casing. The space between the front end of the casing and the partition 6 forms a chamber in which is placed a lamp 8, the reservoir or body of which fills the lower portion of the chamber and is supported upon a ledge or shoulder 9 at the lower end of the said chamber. An inverted-V-shaped handle 10 is secured to the lamp-body and affords a convenient means for removing the same from the chamber when it is required to replenish the reservoir or for any desired purpose. This handle 10 extends to within a short distance of the top of the casing, so as to be readily reached when it is required to remove the lamp.

A reflector 11 is applied to the handle 10 and supported thereby, being provided on its rear side with a transverse strip 12, which has its ends folded to receive the side members of the handle, as shown. From this it will be seen that the part 10, in addition to serving in the capacity of a handle, also acts as a support for the reflector. The reflector 11 comes about opposite the opening 2 and throws the rays of light forward through the said opening for illuminating purposes.

The compartment inclosed by the horizontal and vertical partitions, the rear end of the casing, and the sides of the latter receives a box 13, which is inserted therein through the open bottom of the casing. This box has an outer flange 14 in the plane of its bottom to engage with the bottom edge of the casing and partition 6 to limit the upward movement of the box when placing it in position in the casing. The box is held in place within the casing by hooks 15, engaging eyes 16, projecting laterally from the sides of the box and entering notches in the lower edge of the sides of the casing. Bracket-lugs 17 are secured to the sides of the box a short distance from its upper end and are designed to support a tray 18, which is placed within the box for the pur-

pose of separating the food placed therein. Meat and vegetables are placed in the tray 18 and bread, pastry, and other food are stored in the lower portion of the box.

5 The cover 19 for closing the top side of the casing is made hollow and forms a receptacle to receive coffee, tea, or other beverage, and is provided at one end on its top side with an opening surrounded by a collar 20, through
10 which the drink is poured into the receptacle or removed therefrom. A cap 21 is adapted to be fitted to the collar 20 to close the latter and can be utilized as a cup for receiving the coffee when required. The hollow cover or
15 receptacle 19 has an outer flange 22, which overlaps the top edge of the casing and forms a support for the cover, and this flange is located about midway between the top and bot-
20 tom portions of the said cover or receptacle, thereby admitting of that portion of the re- ceptacle below the flange entering the casing, so as to prevent lateral movement or displace-
25 ment of the cover or receptacle after being placed in position. A hook 23 at the front end of the casing engages over the front por- tion of the flange 22, and a catch 24 at the
30 rear end of the casing springs over the rear portion of the said flange 22, and this hook and catch act jointly to secure the cover or receptacle in place, thereby enabling the pail
or bucket to be carried by a handle 25, ap-
plied to the said cover or receptacle 19. This handle 25 comprises a vertical portion 26,
35 which is attached to the rear end of the cover, and a horizontal portion, which is secured at its front end to the collar 20.

A space 27 is provided between the hori-
40 zontal partition 7 and the bottom portion of the cover or receptacle 19, when the latter is in place, to admit of the heat from the lamp circulating beneath the cover or receptacle, so as to warm the drink contained therein. That portion of the rear end of the casing
45 above the horizontal partition 7 is reticulated to provide for the escape of the heated air, so as to secure the circulation necessary to warm the drink and support the combustion of the lamp when lighted. A portion of the front
50 both above and below the opening 2 is reticu- lated for the circulation of air, so as to main- tain the flame after the lamp is lighted. A plate of copper or other metal is applied to the bottom side of the cover or receptacle
55 directly above the lamp-burner and is in- tended to prevent the burning of that portion of the cover in the event of the latter being empty. This plate 28 is secured to the cover
60 in any convenient way, and a layer of as- bestos or mineral-wool is interposed between it and the opposing portion of the cover to assist in preventing the burning or warping thereof, and this layer 29 may be in the form

of a sheet or applied in any way so as to at- tain the desired result.

Having thus described the invention, what 65 is claimed as new is—

1. In a dinner-pail, the combination of a casing having a heating-chamber and a food- compartment, the latter being open at its bottom side, a box removably fitted within 70 the food-compartment through the open bot- tom thereof, and a cover closing the top of the casing and forming a space between it and the food-compartment, which space is in communication with the heating-chamber 75 and is supplied with hot air therefrom, sub- stantially as set forth.

2. In a dinner-pail, the combination of a casing having an opening in its front end, a vertical partition adjacent to the front end of 80 the casing, a horizontal partition located a short distance from the upper end of the cas- ing and connecting with the vertical partition and reaching to the rear end of the casing, a box removably fitted within the compartment 85 formed by the said vertical and horizontal partitions, a lamp located in the chamber formed between the vertical partition and the front end of the casing, and a hollow cover forming a receptacle for the drink and clos- 90 ing the top side of the casing, and having a space between its bottom side and the afore- said horizontal partition, substantially as and for the purpose set forth.

3. In a dinner-pail, the combination of a 95 casing having a protected opening in its front end, a vertical partition adjacent to the front end of the casing, a horizontal partition located a short distance from the upper end of the casing and connecting with the vertical par- 100 tition and reaching to the rear end of the cas- ing, a box removably fitted within the com- partment formed by the said vertical and horizontal partitions, a lamp removably in- 105 serted in the chamber formed between the vertical partition and front end of the casing through the upper end thereof, and provided with a handle and reflector, and a hollow cover closing the top side of the casing and 110 having a space between it and the aforesaid horizontal partition, and the casing having perforations in its front end near the top and the bottom thereof and in its rear end oppo- site the space formed between the hollow cover and horizontal partition, substantially 115 as shown and described.

In testimony that we claim the foregoing as our own we have hereto affixed our signatures in the presence of two witnesses.

HARRY E. BRYAN.

WILLIAM T. HARRIMAN.

Witnesses:

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R. L. TIMMONS.