Jan. 29, 1952 R. F. WICKMAN 2,583,916

LANTERN ATTACHMENT

Filed June 29, 1950

Fig. 1

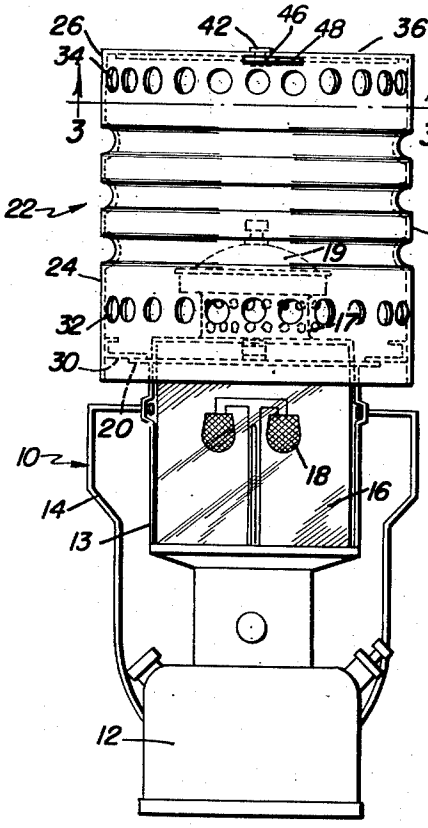


Fig. 2

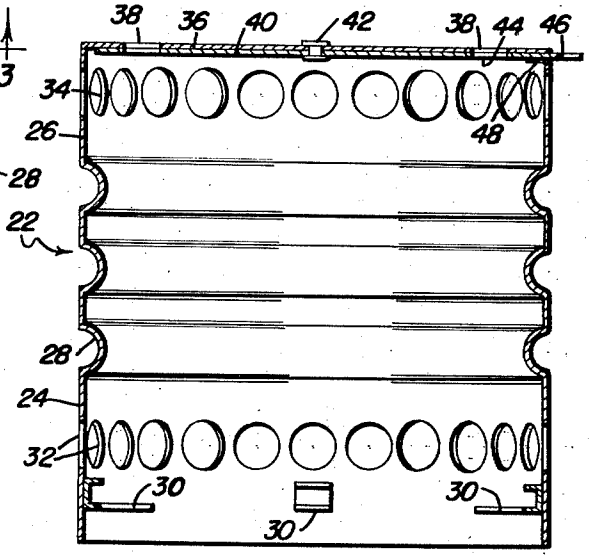
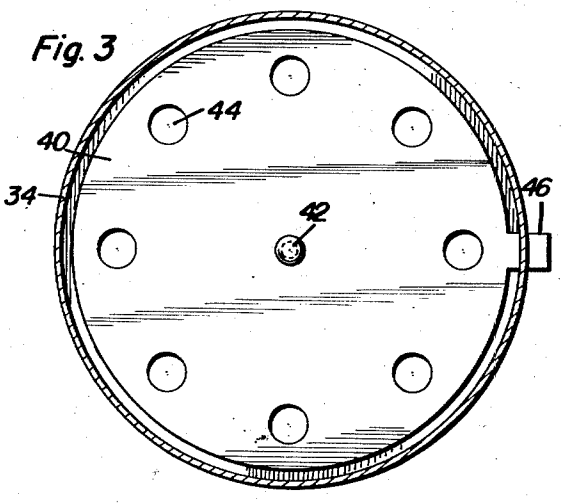


Fig. 3



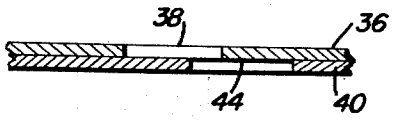


Fig. 4

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Patented Jan. 29, 1952

2,583,916

UNITED STATES PATENT OFFICE

2,583,916

LANTERN ATTACHMENT

Randolph F. Wickman, Los Angeles, Calif.

Application June 29, 1950, Serial No. 170,991

1 Claim. (Cl. 126—256)

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This invention relates generally to lanterns and more particularly to an attachment for a lantern removably secured on the upper end thereof.

The primary object of this invention is to provide an attachment for a lantern which facilitates utilization of the heat produced by the lantern, as well as the light, and it should be particularly noted that the attachment does not prevent utilization of the light giving power of the lantern.

Another object of this invention is to provide means for supporting cooking utensils or other articles to be heated by the heat generated in the lantern.

Yet another object of this invention is to provide an attachment of the character mentioned above which has a damper making it possible to control the amount of hot air escaping directly upward through the top of the device.

Still another object of this invention is to provide an attachment of the character mentioned above which is capable of being used with several different types of lanterns.

A last object to be mentioned specifically is to provide a device of the character mentioned above which is relatively inexpensive and practicable to manufacture, which is simple, safe and conveniently used, and which will give generally efficient and durable service.

With these objects definitely in view, this invention resides in certain novel features of construction, combinations and arrangement of elements and portions that will hereinafter be described in detail in the specification, particularly pointed out in the appended claim, and illustrated in the accompanying drawings, which form a material part of this application, and in which:

Figure 1 is a side elevational view of the attachment operatively secured upon a lantern of suitable character;

Figure 2 is a vertical sectional view of the attachment separated from the lantern;

Figure 3 is a horizontal sectional view taken on the line 3—3 in Figure 1 and looking in the direction of the arrows; and

Figure 4 is a fragmentary enlarged vertical sectional view showing a portion of the top plate and the contiguous portion of the damper.

Similar characters of reference designate similar or identical elements and portions throughout the specification and throughout the different views of the drawing.

Referring now to the drawings in detail, this

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invention includes a lantern generally indicated by the numeral 10 and having a combination base and fuel tank 12, a glass supporting frame 13, a lantern glass 16 and light generating element, such as those indicated as mantles, 18. There is depicted in the drawing, for purposes of illustration of this invention, a frame 13 which is of substantially regular cross sectional area throughout its height, except for a reduced perforated neck portion 17 between the major portion of the frame 13 and the usual dome shaped element 19. In this construction, a flange 20 is secured, as by welding, or otherwise, on an upper portion of the frame 13, this flange extending horizontally and radially.

The attachment includes a hollow sheet metal hood, generally indicated by the numeral 22, and including, in the preferred form, lower and upper cylindrical portions 24 and 26, respectively, and an intermediate portion 28 which is corrugated, with the ribs of the corrugations disposed horizontally. The lower cylindrical portion 34 is provided with a plurality of inwardly extending brackets 30, which engage or seat upon the flange 20, thus supporting the hood on the frame 13. It should again be noted that in some instances the flange 20 may be unnecessary.

The lower and upper cylindrical portions 24 and 26 are provided with ventilating apertures 32 and 34. The hood is provided with a top plate 36 which may be integral with the upper cylindrical portion 26, and this top plate has regularly spaced apertures 38. A damper 40 is rotatably mounted on the top plate 36 by a rivet 42 or the like and this damper has apertures 44 which may be made to register with the apertures 38 by rotating the damper by means of the projecting handle 46, which extends through an aperture 48 in the upper cylindrical portion 26.

The operation of this invention will be clearly understood from a consideration of the foregoing description of mechanical details throughout, taken in connection with the above recited objects and drawings. In recapitulation, it may be noted that the circulation of air can be controlled by shifting of the damper and that cooking utensils or other articles to be warmed can be placed on the top plate 36. The cooking or warming can be controlled to a considerable extent by manipulation of the damper 40. It will be clear that this device is particularly useful to campers and others living in tents, trailers and the like, such as sportsmen and engineers operating in remote localities. In this connec-

tion it will be appreciated that the light weight and dual function of the lantern with this attachment is important.

Having described the invention, what is claimed as new is:

An attachment for a lantern, comprising a hollow sheet metal hood, supporting means on said hood, a top plate closing the upper end of the hood and having apertures, a damper rotatively mounted on the top plate and having apertures registering with the apertures in the top plate when the damper is in one position, said hood having vertical wall structure and said means comprising brackets fixed on the inner surface of said wall structure and extending inwardly, a lantern having a lantern glass supporting frame, and a radially extending horizontal flange on said frame, said brackets resting on said flange to support the hood axially of and above the frame.

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