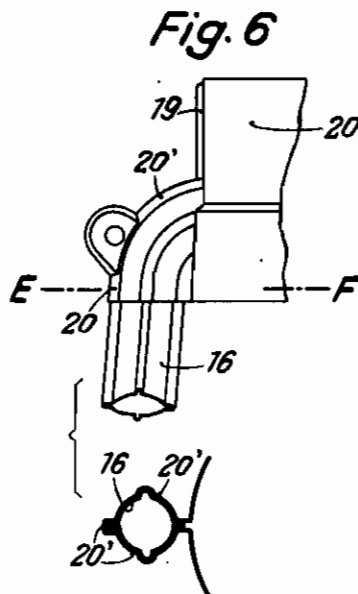
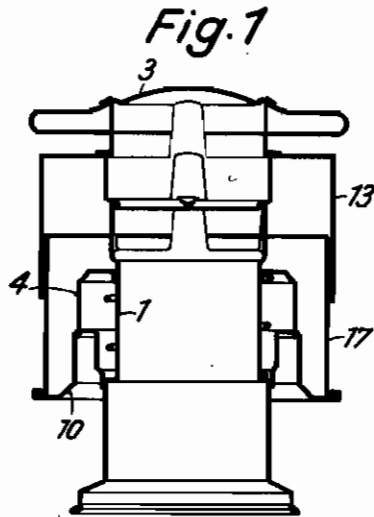


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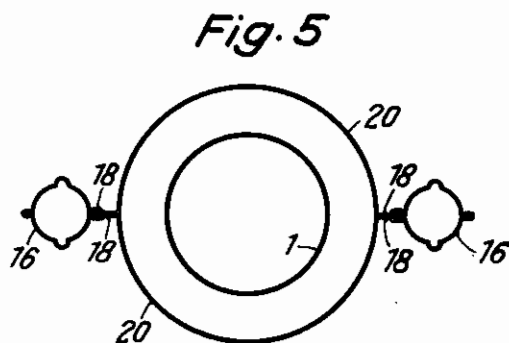
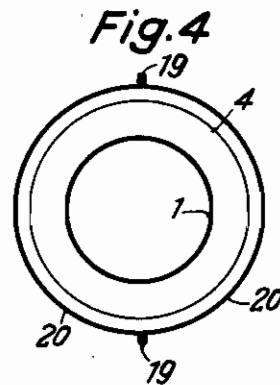
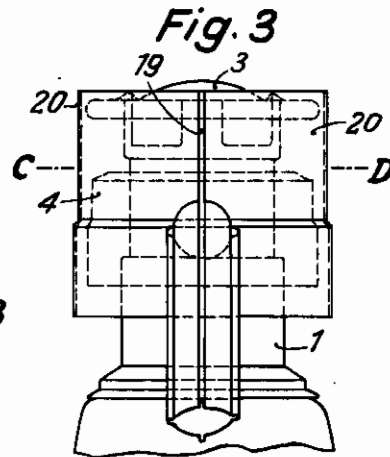
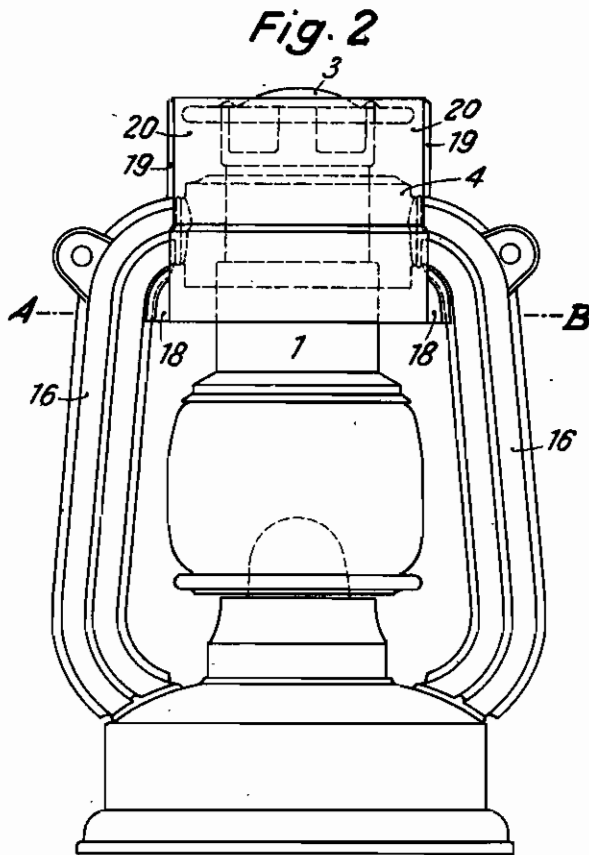
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ALIEN PROPERTY CUSTODIAN

LANTERN HEAD FOR HURRICANE LAMPS

Bruno Nier, Beierfeld, Germany; vested in the
Alien Property Custodian

Application filed January 17, 1941

The invention relates to a lantern head for hurricane lamps of the cold blast type in which an inner chimney is arranged axially movable in a stationary outer chimney. It has shown to be practical in lantern heads of this type, a form of construction of which is shown in the Fig. 1 of the accompanying drawing in vertical section, to enclose the outer chimney 4, which surrounds the axially movable chimney 1, by a casing which extends approximately from the lower edge of the outer chimney 4 having the shape of a truncated cone to below the reflector 3, and this casing may consist of two elements 13, 17 shiftable telescope-like the one into the other. By this casing 13, 17 extinguishing of the flame of the lantern is prevented in case air currents or blasts should occur which impinge against the lantern head perpendicularly to the axis of the lamp.

The invention has for its object to considerably simplify the production of this casing 13, 17 surrounding the outer chimney 4, and also the fixation of this casing on the lantern and to secure, at the same time, the lantern against shock and hurricanes. This object is attained according to the invention in that the casing enclosing the outer chimney is constructed as a clip of cylindrical or approximately cylindrical or conical shape, and that the commonly used lower edge of the outer chimney in the shape of a truncated cone is omitted, so that between the outer chimney and the clip-like constructed casing an unhindered air movement can take place.

Figs. 2 and 3 of the accompanying drawing show in two elevations standing perpendicularly the one to the other a first embodiment of the invention in which the clip-like casing is of cylindrical shape,

Fig. 4 is a horizontal section on line C—D of Fig. 3,

Fig. 5 is a section on line A—B of Fig. 2,

Fig. 6 shows a second embodiment of the invention, in which the lower part of the clip-like casing is of conical shape.

As can be seen from Figs. 2 and 3 the outer chimney is surrounded by the casing 20, which extends to the reflector 3 or beyond the same. This casing 20 is, according to the invention, constructed similar to a clip, that is it is composed of two clip halves which have flap-like vertical extensions 18, 19 on the edges by means of which extensions these clip halves are united the one with the other and both with the tubes 16.

In the form of construction shown in Fig. 6 the lower part of the casing is of conical shape, and the two halves of the clip have large flaps 20' far extending in lateral direction, which engage over the upper ends of the tubes 16 of the hurricane lantern, as also shown in the cross-section E—F.

The casing 20 may also be of an other form as that shown in Figs. 2, 3 and 6. Supposition herefor is merely, that the form selected admits the construction of the casing as a clip composed of two parts according to the invention.

BRUNO NIER.