

E. F. HASKELL.

Lantern.

No. 98,962.

Patented Jan. 18, 1870.

FIG. 1

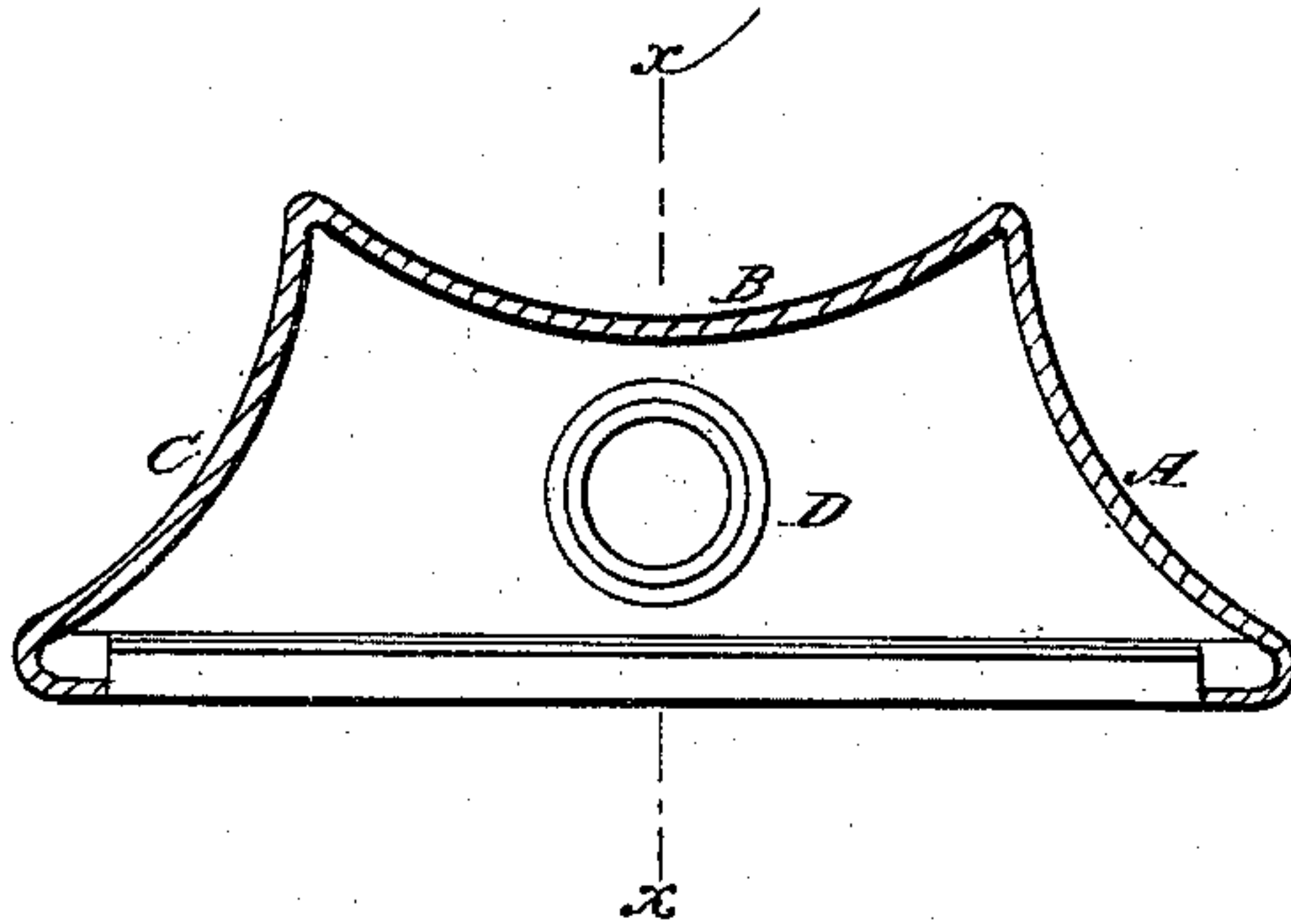
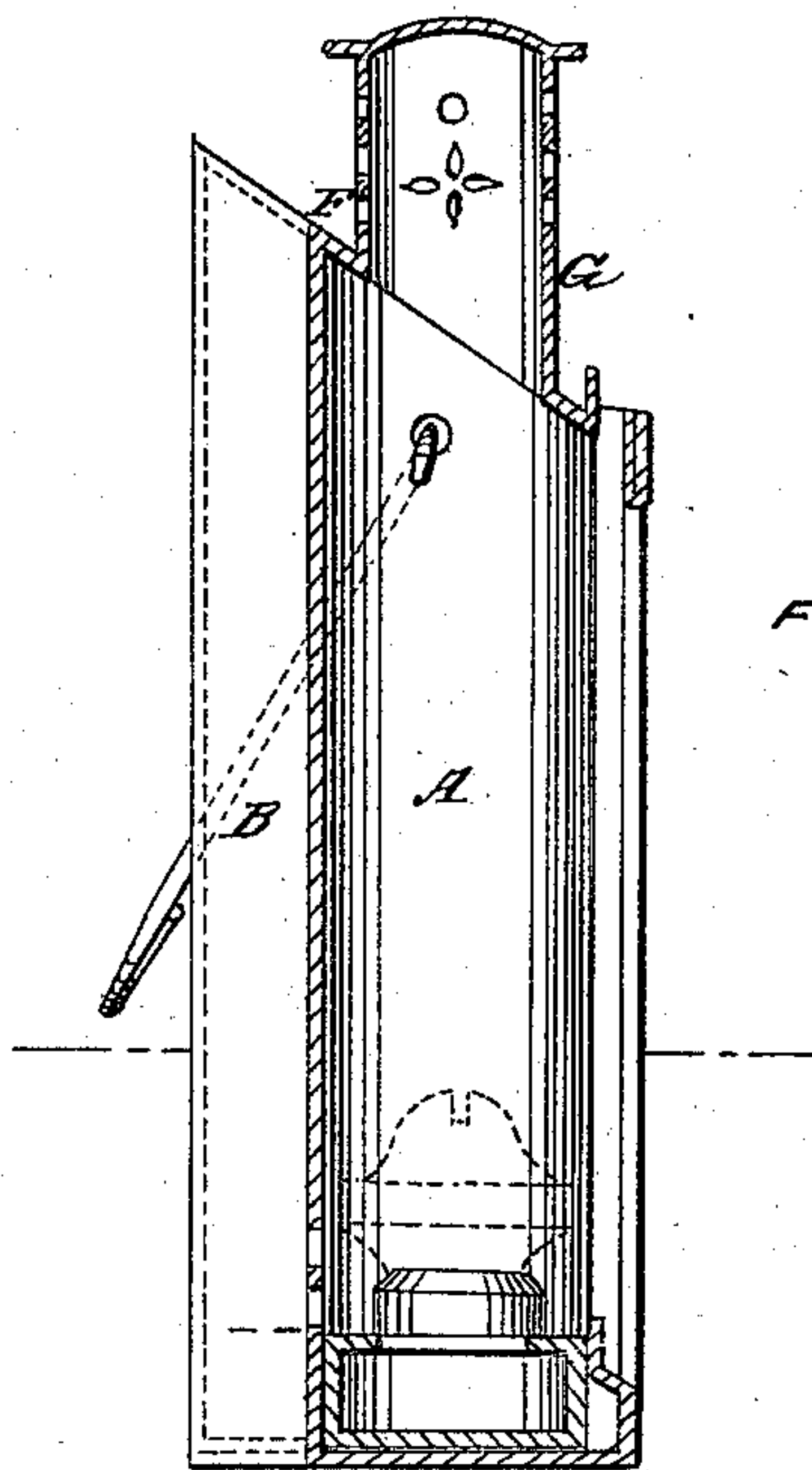


FIG. 2



WITNESSES:

Edgar Tate
Brookbrook

INVENTOR:

E. F. Haskell
PER *Mumford*

United States Patent Office.

E. F. HASKELL, OF SHERMAN, MAINE.

Letters Patent No. 98,962, dated January 18, 1870.

IMPROVEMENT IN LANTERNS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, E. F. HASKELL, of Sherman, in the county of Aroostook, and State of Maine, have invented a new and useful Improvement in Lanterns; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawing, forming part of this specification.

This invention relates to improvements in lanterns; and consists in an improved construction and arrangement of the three-sided tin shell or case, made of planished tin, or other reflecting substance for reflecting the light of the lamp within, to diffuse it throughout the room, as hereinafter more fully specified.

Figure 1 is a horizontal section of my improved lantern, and

Figure 2 is a sectional elevation of the same, taken on the line *x x* of fig. 1.

Similar letters of reference indicate corresponding parts.

I make the metal part of the shell or case, which forms the three sides A B C, of one sheet, and strike it up in dies, so as to make the inner surfaces of all these sides convex, as clearly shown in the drawings, and thereby the light of the lamp D, placed within, is diffused more uniformly about the room than when the said surfaces are plane.

E is the top, forming another reflecting-surface, and placed obliquely thereon, say, at an angle of about

forty-five degrees, rising from the front, and serving to shed the rain, and to reflect the light cast upon it back upon the side B, from which it is given off to the room.

The front is arranged for the reception of a glass slide, when required, to protect the flame from the wind.

A cylindrical funnel, G, is placed in the top, for the escape of the product of combustion.

This lantern may be used for all lighting-purposes, whether to be carried in the hand or placed on the walls of rooms.

The lamp D is shaped to correspond with the interior space between the sides, and rests on the bottom, which, like the top, is soldered to the end of the part A B C.

Having thus described my invention,

I claim as new, and desire to secure by Letters Patent—

1. The convex arrangement of the sides A B C of the shell or case, made in one piece, substantially as specified.

2. In connection with the above, the arrangement of the inclined top E, having a reflecting-surface, all substantially as specified.

E. F. HASKELL.

Witnesses:

S. ROBINSON,
D. H. OWEN.