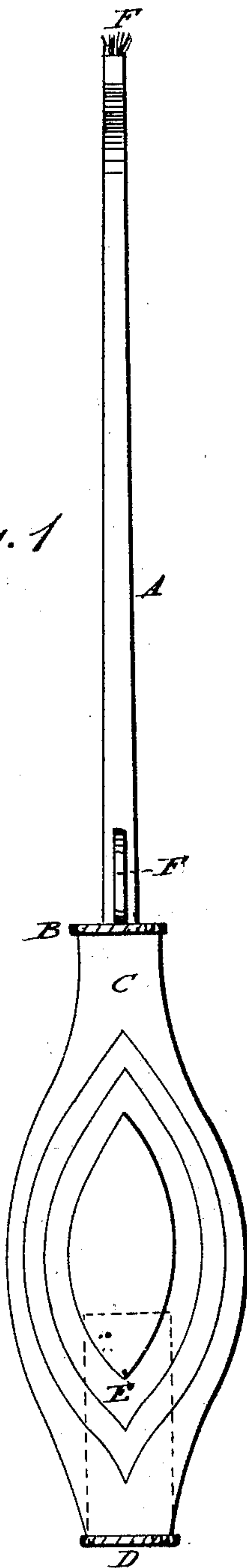


W. J. LUDLOW.  
Lighting Device.

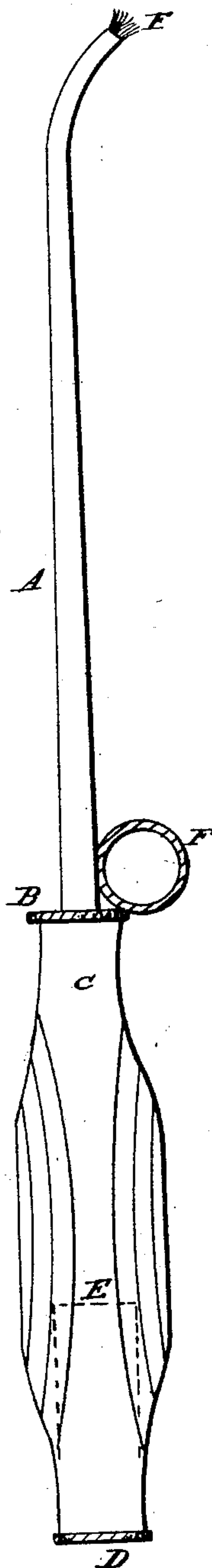
No. 61,013.

Patented Jan. 8, 1867.

*Fig. 1*



*Fig. 2*



*Witnesses:*

*W. H. Burridge  
Frank Alden.*

*Inventor:*

*W. J. Ludlow.*

# United States Patent Office.

WILLIAM J. LUDLOW, OF CHARDON, OHIO.

*Letters Patent No. 61,013, dated January 8, 1867.*

## IMPROVED TORCH AND MATCH-SAFE.

*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, WILLIAM J. LUDLOW, of Chardon, in the county of Geauga, and State of Ohio, have invented certain new and useful improvements in Combined Torch and Match-Safe; and I do hereby declare that the following is a full and complete description of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is a front view of the torch.

Figure 2, a side view of the same.

Like letters of reference refer to like parts in the views presented.

A, fig. 1, is a tapering tube, which may be in length and size more or less as convenience may require. This tube may consist of tin, brass, or any other material of a suitable nature; the upper end of the tube slightly curved as shown in the drawing, fig. 2, for the greater convenience of applying it to the article to be lighted. The lower end of the tube is fitted to a cap, B; this cap is made to screw into the handle C, which permits of its being removed as occasion may require. The handle is hollow and may be made of tin, brass, or of any other suitable material, and of any desirable shape. The lower end of the handle is provided with a cap, D, similar to that in which the tube is fixed; this cap closes a chamber in the handle, indicated by the dotted lines E. This chamber is for the purpose of holding matches, *i. e.*, a match-safe. This safe may be constructed by sinking a niche in the side of the handle of sufficient size for that purpose, and closing the same with a cover, or a safe may be attached to the handle upon the outside if desirable. By roughing the side of the handle in any desirable way, it can be used for rubbing the match upon in order to ignite it. F is a ring, by which the torch may be carried or hung up when not in use. The tube referred to is threaded with a wick, one end of which projects from the upper end, as shown in the drawing, F' being the wick; the other end, of a proper length, is fitted into the handle and oil then poured in; the tube is then screwed on and the torch is then ready for use, which may be lighted either by a match taken from the safe in the handle or by the fire, lamp, or otherwise. It may now be carried from room to room in order to light the lamp, gas, or fire, without the necessity of a lamp-lighter, paper, or matches, for that purpose. The torch may be laid down without its being extinguished or burning the floor or the table on which it may be laid, nor will the oil run out if so laid down that the curved end of the tube is upward.

What I claim as my invention, and desire to secure by Letters Patent, is—

The described invention as a new article of manufacture.

W. J. LUDLOW.

Witnesses:

W. H. BURRIDGE,

J. H. BURRIDGE.