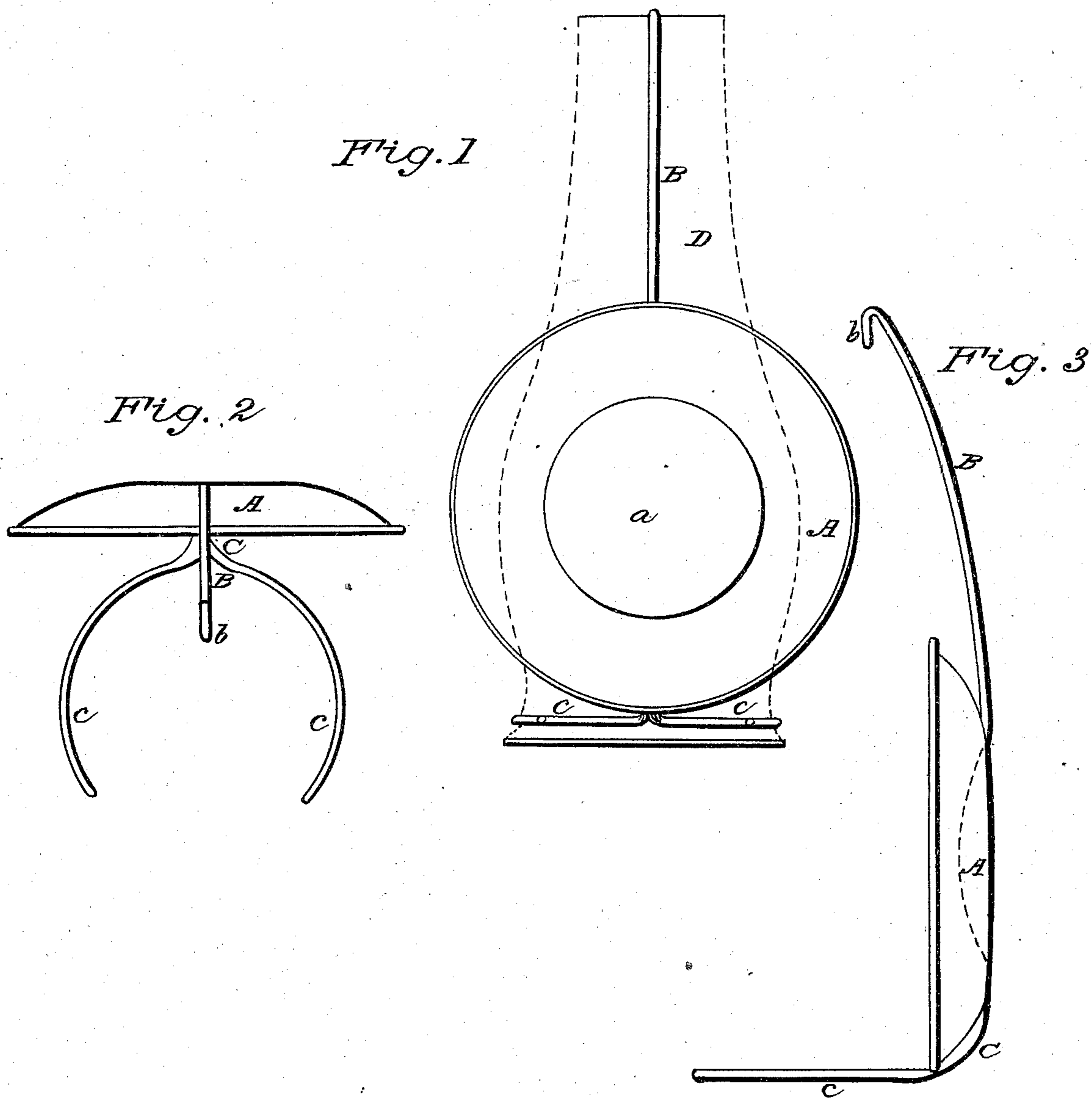


E. C. BLAKESLEE.

Lamp Reflector.

No. 98,662.

Patented Jan. 11, 1870.



Witnesses

H. W. Handy  
John. Glastetter

Inventor

Edmund O. Blakeslee by  
Alfred D. Jones atty

# United States Patent Office.

EDWARD C. BLAKESLEE, OF WATERBURY, CONNECTICUT, ASSIGNOR TO THE BENEDICT & BURNHAM MANUFACTURING COMPANY, OF SAME PLACE.

*Letters Patent No. 98,662, dated January 11, 1870.*

## IMPROVEMENT IN REFLECTORS.

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, EDWARD C. BLAKESLEE, (assignor to the Benedict and Burnham Company,) of Waterbury, in the county of New Haven, Connecticut, have invented, made, and applied to use, certain Improvements in Reflectors for Lamps; and that the following is a full, clear, and correct description of the same, reference being had to the accompanying drawings, making part of this specification, and to the letters of reference marked thereon, in which—

Figure 1 is a view of my reflector, as applied to a lamp-chimney.

Figure 2 is a top view of the reflector.

Figure 3 is a side elevation of the same.

In the drawings, like parts of the invention are pointed out by the same letters of reference.

The nature of the present invention consists in certain improvements in the construction of reflectors for lamps, more particularly those in which kerosene oil is consumed, the object of the invention being the production of a reflector which can be afforded to the consumer at a low cost.

To enable those skilled in the arts to make and use my invention, I will describe the construction and operation of the same.

A shows the reflector, formed of a circular concaved plate of metal, silvered or highly polished upon its face, and convexed at or about its centre, as at *a*.

The reflector A has soldered or attached to it, in any convenient manner, the wire B, one end of which is turned down to form a hook, *b*, which hook *b*, when the reflector is in use, is passed over the top of the lamp-chimney D.

This wire B is soldered or attached to the back of the reflector at or about its upper or top portion, while

to its lower or bottom portion, directly in line with it, is soldered or attached a wire, C.

This wire C is bent or folded at or about its centre, to admit of its being soldered or attached to the reflector, while for the rest of its length it is bent outward, so as to form curved arms *c*, which embrace the chimney D, the elasticity of the wire allowing the arms to adjust themselves to chimneys of different circumference.

Such being the construction, the reflector may be used in connection with the lamp-chimney D, the curved arms *c* holding the lower portion of the reflector in position, while the hooked wire B holds the upper portion of the reflector in proper position. Generally, the reflector or central portion of the same is placed in line with the flame of the lamp, serving to reflect the light.

I am well aware that reflectors have been used in connection with lamps; in some cases, oblong reflectors, adjustable as to position, being employed, and in other cases circular reflectors being used; but none have yet been constructed as my present reflector is, or provided with the means for holding the same to the chimney.

Having thus described my invention,

What I claim, as new, is—

The combination, with a reflector, A, of the hooked wire B and wire C, bent so as to form curved arms, when the same shall be constructed and operate as and for the purpose described.

EDWARD C. BLAKESLEE.

Witnesses:

S. W. KELLOGG,  
GEO. E. FERRY.