

E. O. SCHARTAU.
LAMP WICK.

No. 77,767.

Patented May 12, 1868.

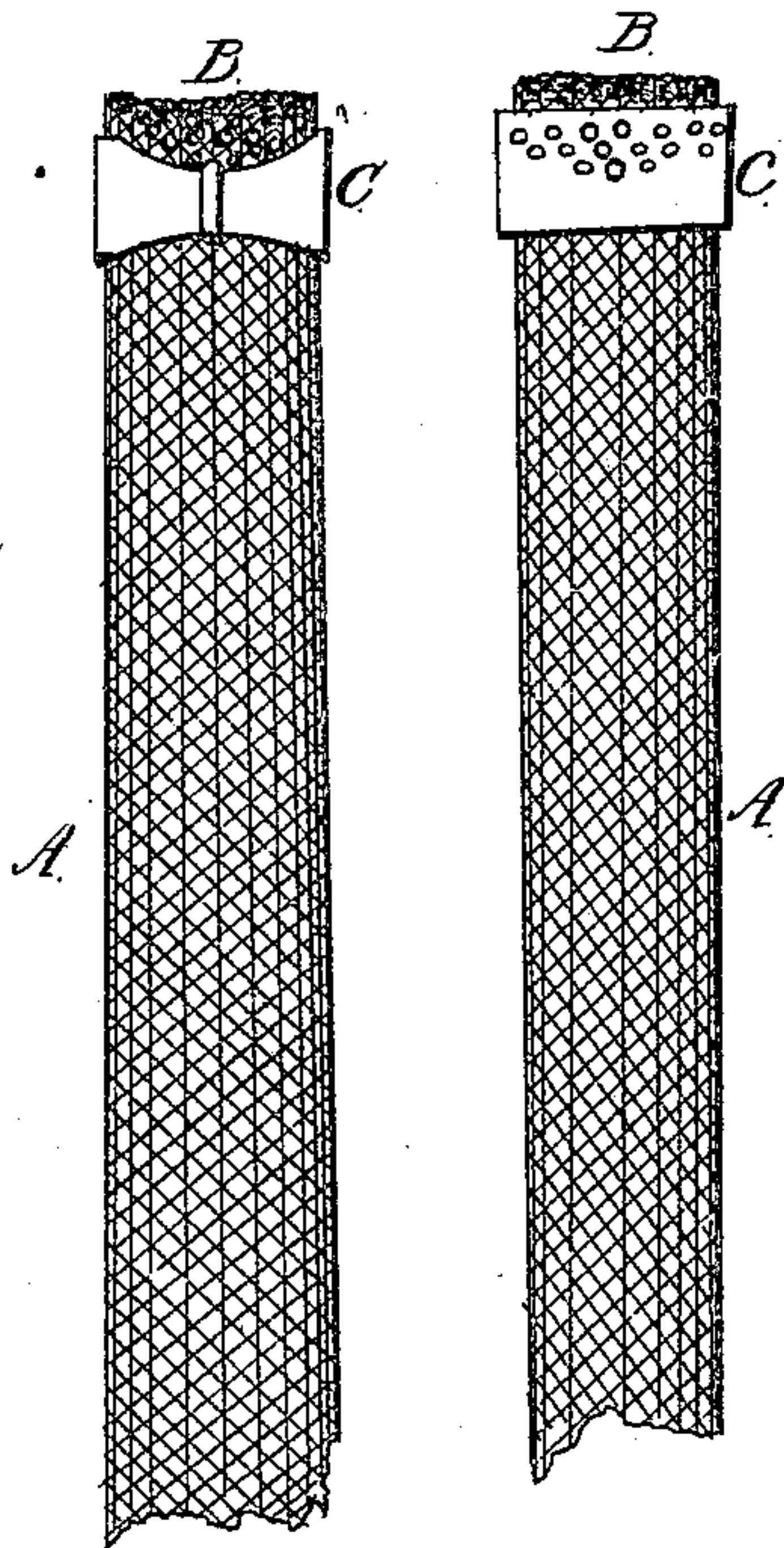


Fig. 1. Fig. 2.

Witnesses:

John Allen
D. E. Chase

E. O. Schartau Inventor:

By his Atty—

J. Franklin Peckart

United States Patent Office.

EILERT O. SCHARTAU, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR TO
FRANK S. JUDD AND JOHN G. POWELL, OF SAME PLACE.

Letters Patent No. 77,767, dated May 12, 1868; antedated April 28, 1868.

IMPROVEMENT IN LAMP-WICKS.

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, EILERT O. SCHARTAU, of the city of Philadelphia, and State of Pennsylvania, have invented a new and useful Lamp-Wick, with a wire-gauze or perforated metallic case at top, so as to be incombustible and free from carbonization; and I do hereby declare the following to be an exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

The nature of my invention consists in a wire-gauze or perforated metallic case, fastened to a lamp-wick, (at the top,) made of any woven fabric or material suitable for a lamp-wick.

The object is to produce a clearer and brighter light, incombustible, and the top free from carbonization or the coal that usually collects on the top of wicks, that dims the flame, and causes it to smoke.

This wick is intended to be used with or without a glass chimney.

I do not confine myself to any particular shape of the metallic covering, nor to the mode of connecting or fastening it to the wick, and I save both wick and oil.

A represents the wick, made of any suitable material. B is a wire gauze lapped over the top of the wick, and fastened by a metallic plate, C, around the wick, the metallic plate being perforated on the one side.

In lighting the wick, the match is applied immediately beneath the metallic top, and in a moment the top becomes sufficiently heated to produce the necessary gas, and directly the whole top is in a blaze, the wick is then lowered down to its regular position.

Figure 1 represents the metallic top on the one side, and

Figure 2 the opposite side with perforations.

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

A wire-gauze or perforated metallic case, of any shape, fastened permanently to the top of a lamp-wick, of any material, or so constructed as to be folded on it and detached at convenience, for the purpose of guarding the wick from the carbonizing effect of the flame, thereby producing a clearer light and a saving of wick and oil, as herein set forth.

EILERT O. SCHARTAU.

Witnesses:

WILLIAM S. TOLAND,
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