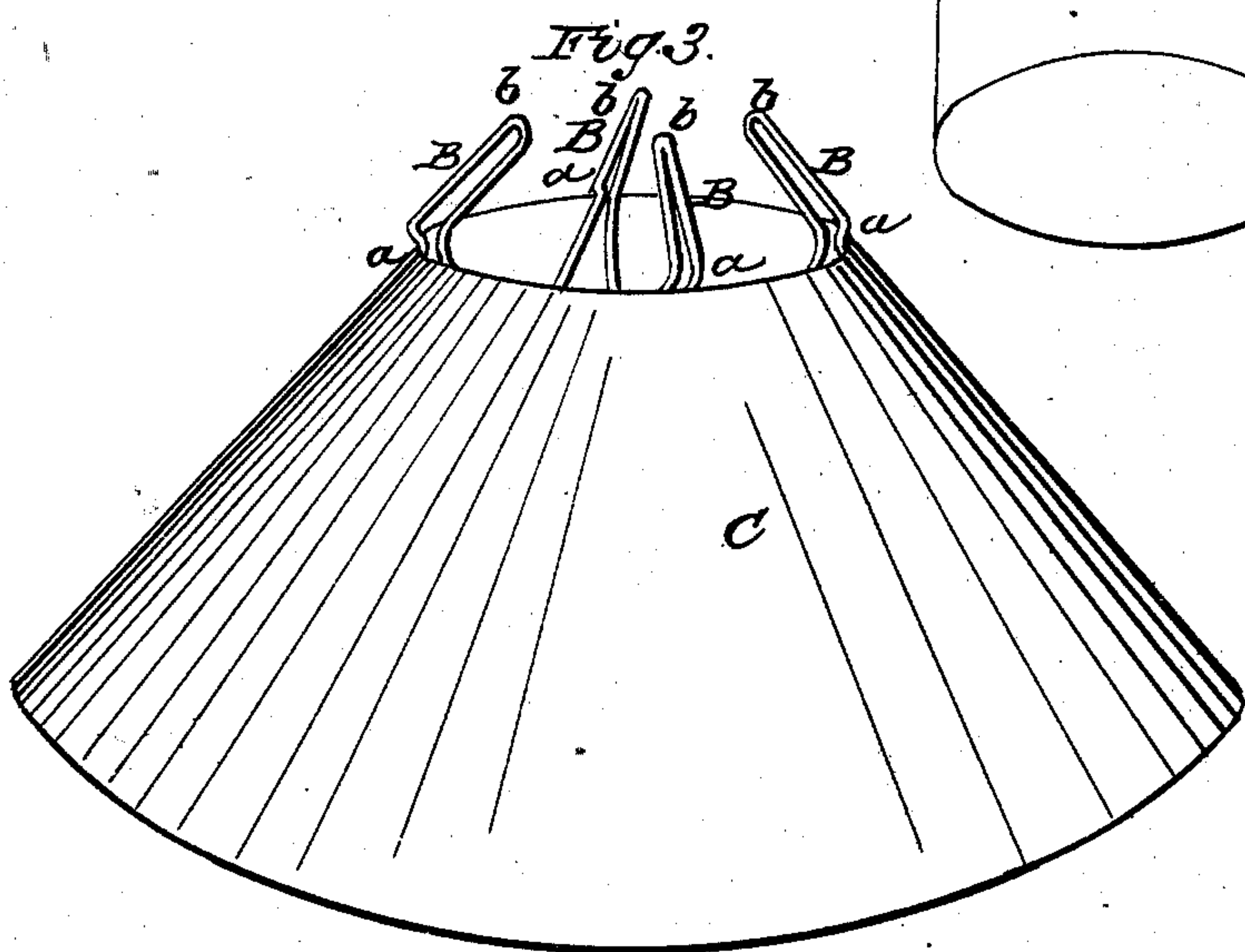
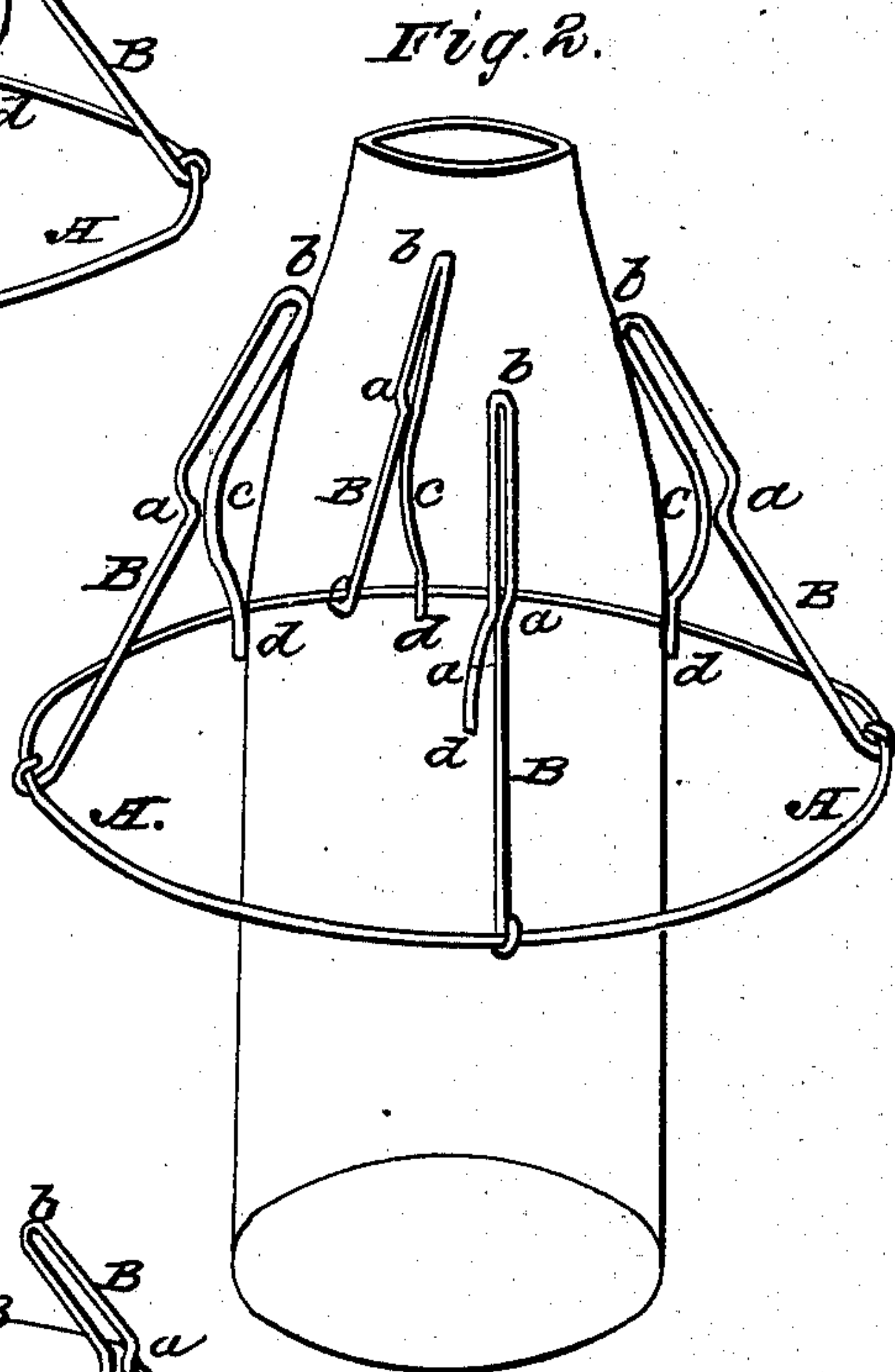
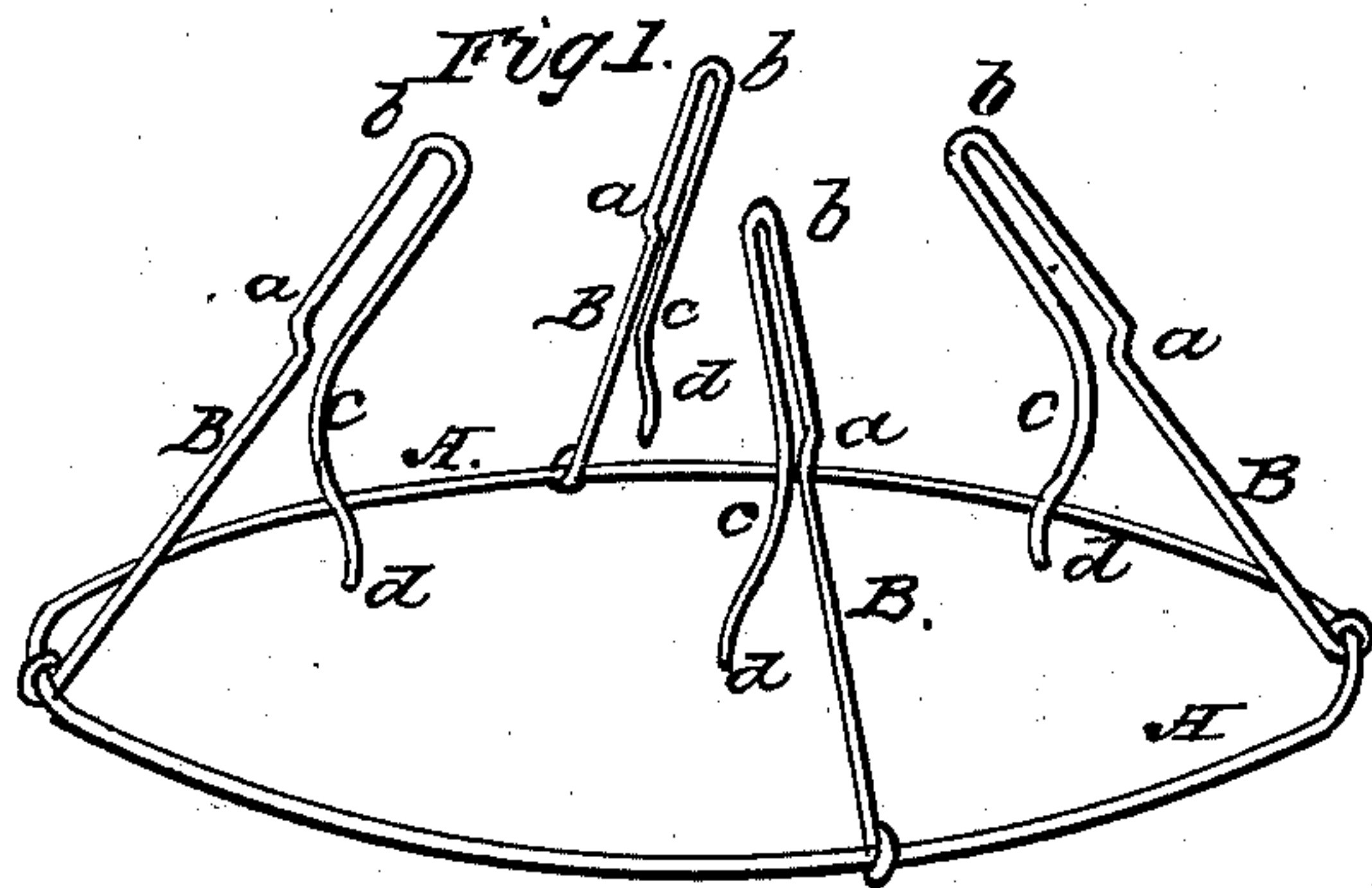


G. WEDEKIND,

Lamp Shade.

No. 77,936.

Patented May 12, 1868.



Witnesses.

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GUSTAV WEDEKIND, OF PHILADELPHIA, PENNSYLVANIA.

Letters Patent No. 77,936, dated May 12, 1868.

IMPROVEMENT IN LAMP-SHADES.

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, GUSTAV WEDEKIND, of the city of Philadelphia, and State of Pennsylvania, have invented certain new and useful Improvements in Shade-Supporters for Gas-Burners, Lamps, &c.; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 represents a perspective view of the frame of the supporter, the shade or exterior being removed.

Figure 2 represents a perspective view of the shade-frame with the chimney on, or by which it is supported, shown in red lines.

Figure 3 represents a perspective view of the shade, with the paper or other exterior covering in place.

Similar letters of reference, where they occur in the several separate figures, denote like parts in all of the drawings.

In the use of "sun," "comet," and other similar burners, from their great diameter of chimney, no metal clasp or wire shade-supporter has as yet been made that could be used, nor until I produced the hereinafter described shade-supporter, which answers the purpose well and satisfactorily.

My invention relates to the production of a very simple and cheap device for supporting and clasping the shade by means of raised elbows on radial braces, the ends of which are bent inside in proper form to take hold of the chimney at their upper and lower ends, allowing the supporter, without having circular rings or other joinings connected with said radial braces, to sit firm and easy on the chimney, and thus prevent breaking when the chimney becomes heated. The supporter which I have invented is the only one known to me that will fit perfectly on the chimneys, and keep the shade steady and firm, those in use allowing the shade to shake and move around.

To enable others skilled in the art to make and use my invention, I will proceed to describe the same with reference to the drawings.

A is a ring of wire, to which is fastened, at their extreme lower ends, a series of radial braces, B, that project upward and inward towards each other. These braces have an elbow or bend at *a*, against which the paper shade *c* comes, to give it a firm support on or against said frame, as well as to make the frame firm, without rings or other joinings. At the points *b* these braces are bent downward and inward, and may be slightly curved, as at *c*, so that their lower ends *d* may come in contact with the chimney, as the upper ends at *b* do, as seen in fig. 2.

The points *b* and *d* bearing against the chimney, keep the shade firm, and prevent it from moving about, and the radial braces not being united by rings or other joinings, are free to yield to the expansion of the chimney when it becomes heated, and thus prevent its liability to crack or break. The spring of the braces, whilst sufficient to hold the shade steady, is not so rigid as not to yield to the expansion of the glass. And whilst the braces thus support and steady themselves on the chimney, they firmly support and hold the paper shade by means of the raised elbows *a* on the braces, and without the usual heretofore-used fastenings.

The shade may be of paper or of any other materials used for the purpose.

What I claim as my invention is—

In combination with the radial braces for supporting the shade on the chimney, the raised elbows on said braces, to support the shade, and prevent it from shaking about, substantially as and for the purpose described.

GUSTAV WEDEKIND.

Witnesses:

H. C. BLUMNER, Jr.,

J. B. MÜNCH.