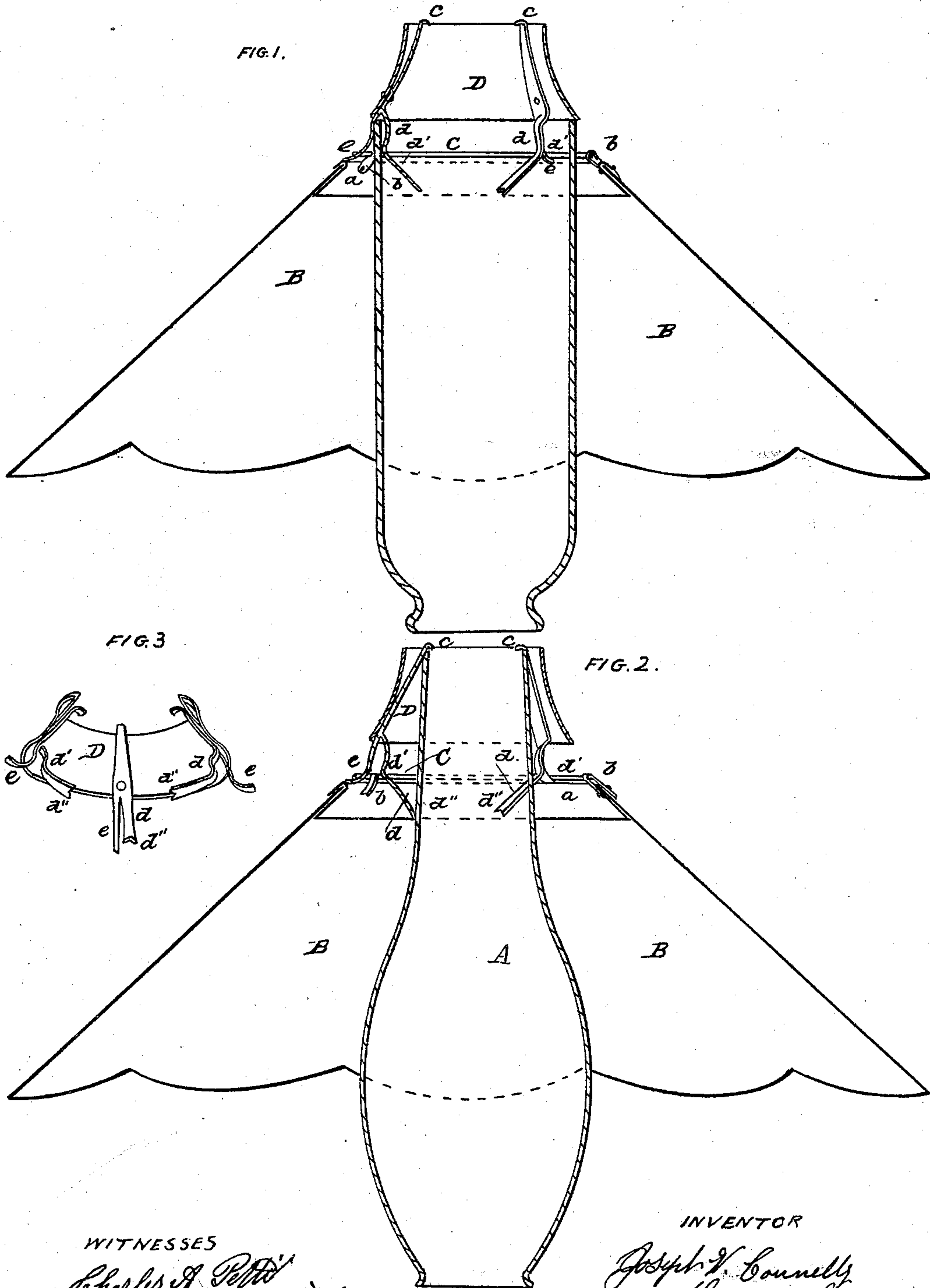


J. H. CONNELLY.
Lamp Shade Supporter.

No. 56,011.

Patented July 3, 1866.



WITNESSES
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UNITED STATES PATENT OFFICE.

JOSEPH H. CONNELLY, OF WHEELING, WEST VIRGINIA.

IMPROVED LAMP-SHADE SUPPORTER.

Specification forming part of Letters Patent No. 56,011, dated July 3, 1866.

To all whom it may concern:

Be it known that I, JOSEPH H. CONNELLY, of Wheeling, in the county of Ohio and State of West Virginia, have invented a new and Improved Method of Supporting Lamp-Shades of Paper or other Material, and which is adapted for use either on the common bulged glass lamp-chimney in ordinary use or on a straight wide-mouthed chimney; and I do hereby declare the following to be a full, clear, and exact description thereof, reference being had to the annexed drawings, making part of this specification, in which—

Figure 1 is a view of the shade upon a straight wide-mouthed chimney. Fig. 2 is a view of the shade upon a bulged chimney. Fig. 3 is a view of a part in detail.

Like parts are indicated by the same letters of reference.

A, Fig. 2, is a bulged glass chimney. B is a conical shade or screen, of paper or other suitable material, bound at its upper edge with a light metallic rim, *a*, to give it stiffness. A wire band, C, is held by light metal clips *b* a short distance above the metallic rim *a*, to which the clips are secured by rivets.

D is a conical or bell-shaped band or collar of light thin metal, having riveted to it on its inside and near the bottom three or more suspenders, also of thin metal or flat wire. These suspenders are turned in at their upper ends, which are about in a line with the top of the collar, and have hooks *c c*, whereby they can be hung on the top of a bulged chimney when the shade is to be used with that kind. The suspenders are also forked at their lower ends below the rivets which fasten them to the collar, one leg, *d*, of each fork being bent, so as to present an angle, *d'*, springing outward from and offering resistance when pressed in toward the center or axis of the collar D, and then returning toward the center, so as to offer resistance at its end *d''* to pressure from the inside, the other leg, *e*, being bent outward and down for a short distance, when it turns out again, so as to form an angle of about forty-five degrees with the horizon, and constituting a finger, which, with the fingers on the other suspenders, are passed down within and under the wire band C, then through

the space between the band C and the top of the rim *a*, in which position they are retained by their elasticity, and firmly secure together the shade B and collar D with the suspenders.

When it is desired to suspend the shade to a bulging chimney the hooks *c c* hang upon the top edge of the chimney, while the legs *d'' d''* descend down along the outside of the chimney and press inward upon it, keeping the supporter and shade rigidly in place. (See Fig. 2.) The inner diameter of the top of the collar D, being greater than the diameter of the top of the chimney, allows sufficient air-space between them to prevent the band or shade from getting too hot.

When the shade is to be used with a straight wide chimney (see Fig. 1) the legs *d d* of the suspenders pass down within the chimney, and the angles *d' d'* are kept in contact with the inner surface of the chimney by the elasticity of the legs *d*. The base of the collar D in this case fits the top of the chimney, the legs *e* passing outside of the chimney, while its contracted top serves the same purpose as does the diminished diameter of the glass bulged chimney, the space between the chimney and the wire band C and the top rim, *a*, of the shade serving all the purposes of a non-conductor, and allowing the shade to be affected but little, if any, by heat from the lamp.

Having thus described my invention, what I claim as new therein, and desire to secure by Letters Patent, is—

A lamp shade or screen, B, having a metallic rim, *a*, and a wire or other metal band, C, arranged substantially as set forth, in combination with a supporter consisting of the collar D and suspenders and hook *c d e*, constructed and operating substantially as described, for the purpose of adapting the shade B to use with a common bulged chimney or a straight wide chimney, as set forth.

To the above specification for an improved lamp-shade supporter I have signed my hand this 12th day of March, 1866.

JOSEPH H. CONNELLY.

Witnesses:

OCTAVIUS KNIGHT,
W. F. HALL.