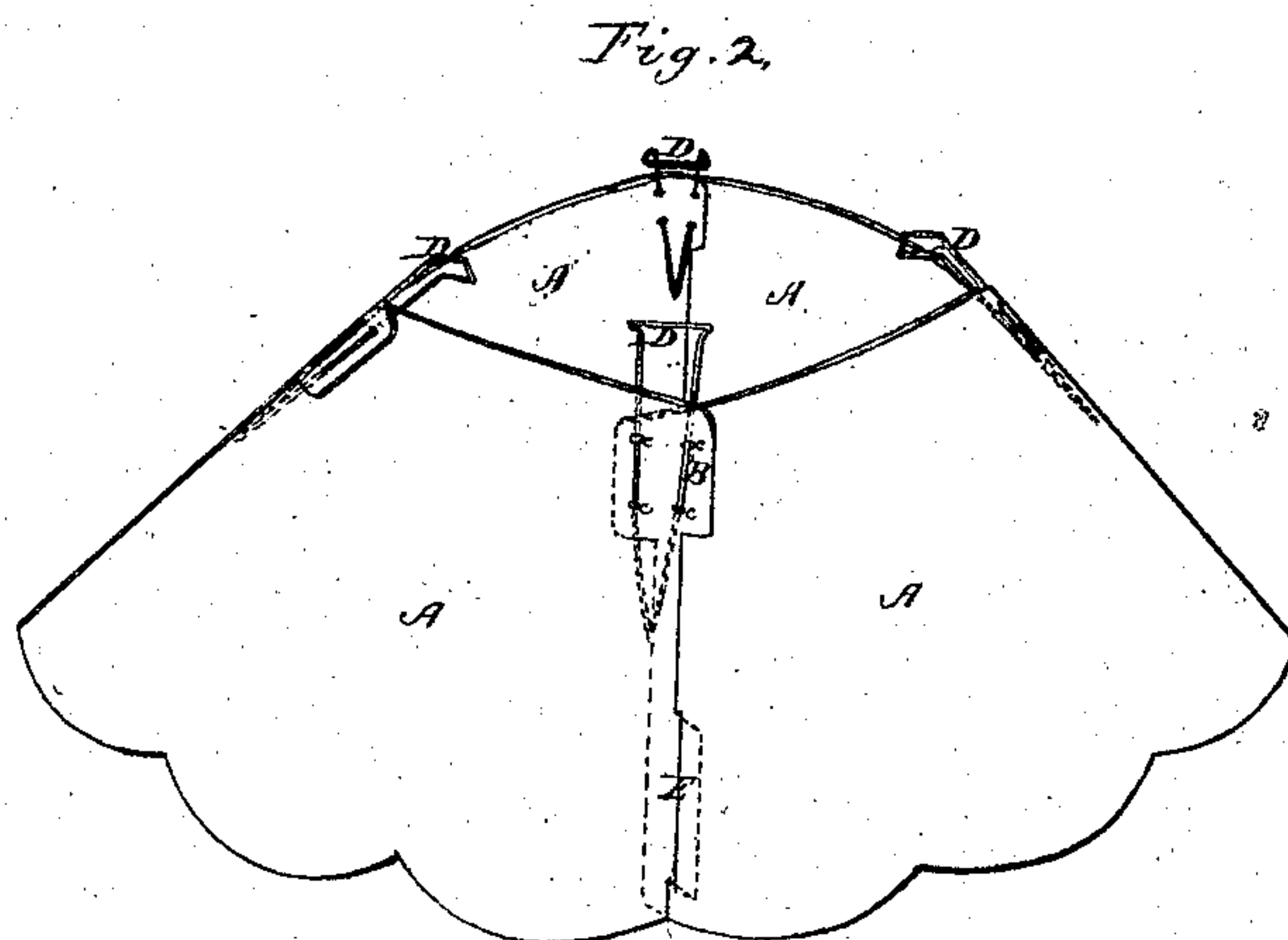
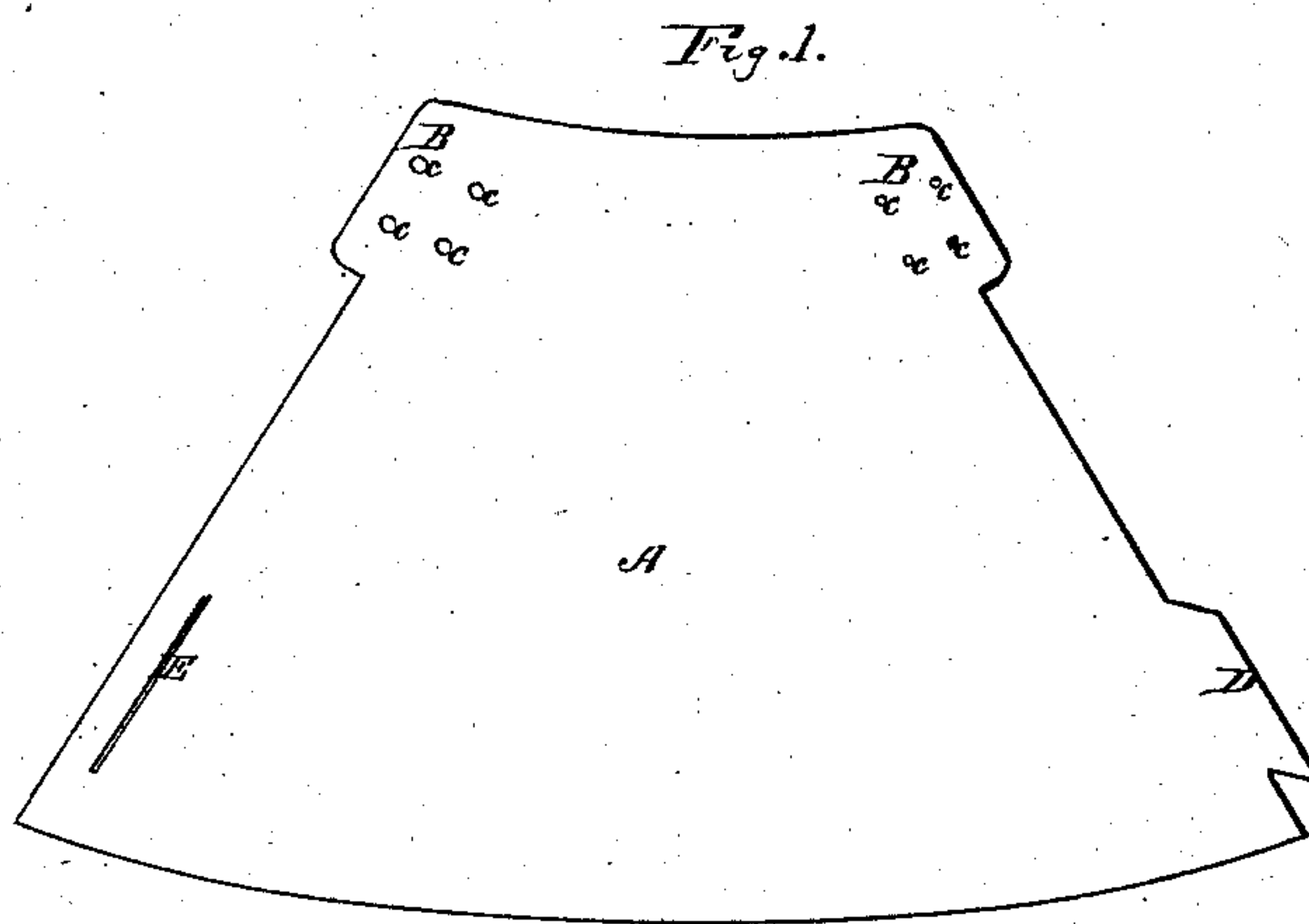


103928 **William Read, Jr.**
Improved Lamp Shade.
 PATENTED JUN 7 1870



Witnesses.
 Charles F. Brown.
 Joseph Laft.

Inventor.
 William Read, Jr.
 by Carroll D. Wright.
 Atty.

United States Patent Office.

WILLIAM READ, JR., OF BOSTON, MASSACHUSETTS, ASSIGNOR TO HIMSELF
AND WILLIAM READ, M. D.

Letters Patent No. 103,928, dated June 7, 1870.

IMPROVEMENT IN LAMP-SHADES.

The Schedule referred to in these Letters Patent and making part of the same.

I, WILLIAM READ, Jr., of Boston, in the county of Suffolk and State of Massachusetts, have invented certain Improvements in Lamp-Shades, of which the following is a specification.

Figure 1 is a plan view of one of the sides of my improved shade, and

Figure 2 a perspective view of the same entire.

The object of this invention is to produce a lamp-shade which can be readily taken apart and put together, and also adjusted to a large or small lamp-chimney; and

It consists of a suitable number of trapezoidal pieces, of any suitable material, the upper corners of which are provided with projections, each having four orifices, through which are inserted wire fasteners and supports, when the pieces are lapped together, as will hereinafter more fully appear.

In the drawing—

A A represent truncated triangular pieces of paper, cardboard, &c., which constitute the shade.

Said pieces are provided, on their upper corners, with the projections B B, in which are the orifices c c.

D D represent wires, bent as shown, which wires constitute the fasteners and supports of the shade, fastening pieces A together by being inserted through orifices c in projections B, when said projections overlap each other, as shown in fig. 2.

The lower portions of pieces A are held together by tongues D, on one side of pieces A, which enter slots E on the opposite side.

The orifices c in the overlapping projection B are smaller than those of the inner one, and facilitate the insertion of wires D.

The shade is adjusted for different sized chimneys, by drawing out or pushing in the wires D, which project inwardly toward the center, and fit a large or small chimney, in proportion to the distance their upper ends project from pieces A. This feature of adjustability is of great importance, and is the principal feature of my invention.

Having thus fully described my invention,

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

The pieces A, having projections B and orifices c, in combination with sliding wires D, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

WILLIAM READ, JR.

Witnesses:

CARROLL D. WRIGHT
CHARLES F. BROWN.