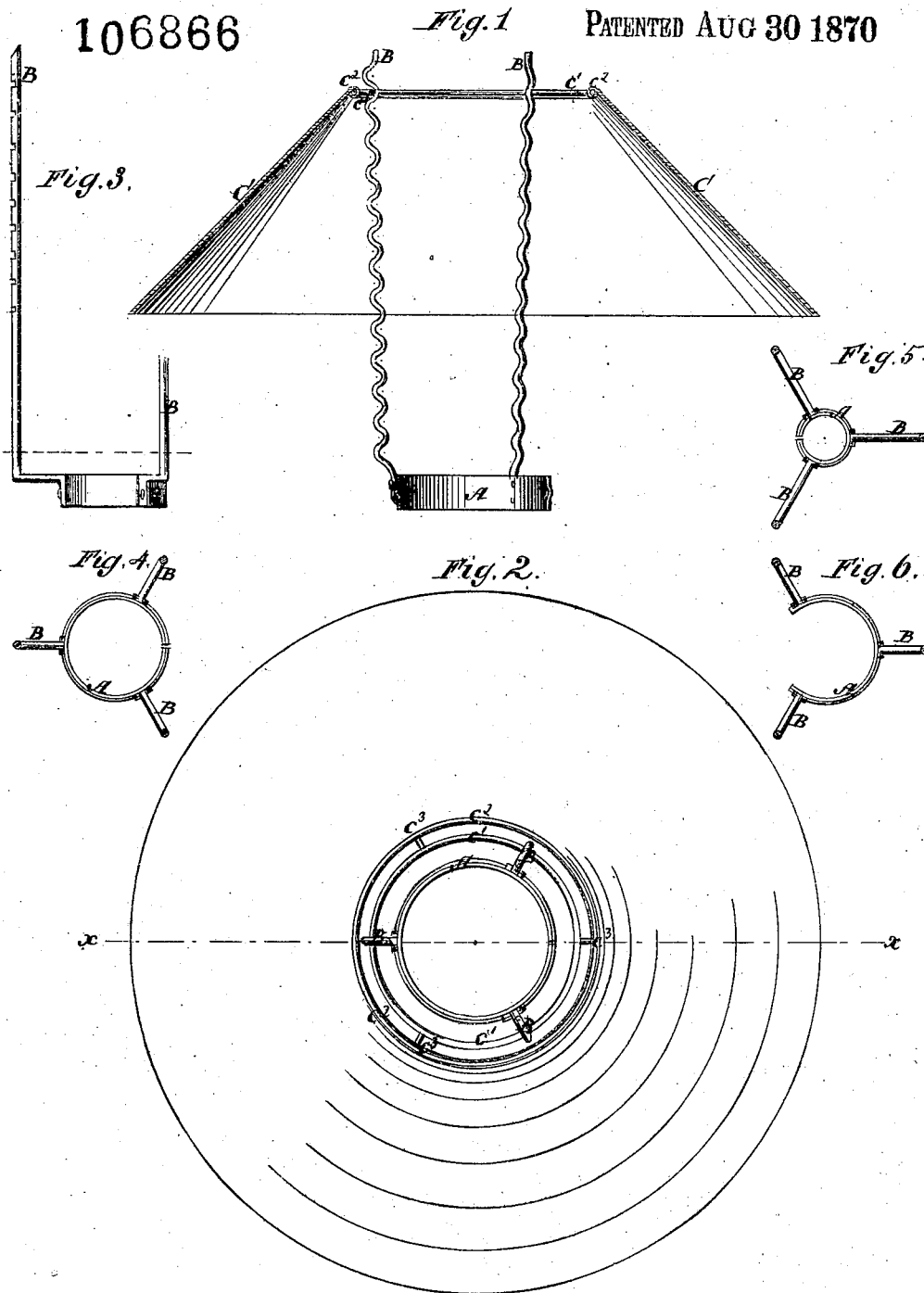


T. B. Peacock, Shade Holder & Shade.

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PATENTED AUG 30 1870



Witnesses:
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UNITED STATES PATENT OFFICE.

THOMAS BROWER PEACOCK, OF DRESDEN, OHIO.

IMPROVEMENT IN LAMP-SHADE HOLDERS.

Specification forming part of Letters Patent No. 106,866, dated August 30, 1870.

To all whom it may concern:

Be it known that I, THOMAS BROWER PEACOCK, of Dresden, in the county of Muskingum and State of Ohio, have invented a new and useful Improvement in Shade-Holders and Shades; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a vertical section of my improved shade-holder and shade, taken through the line *x x*, Fig. 2. Fig. 2 is a top view of the same. Fig. 3 is a detail view, showing a modified form of the same. Figs. 4, 5, and 6 are detail views of different forms of clasps.

Similar letters of reference indicate corresponding parts.

My invention has for its object to furnish an improved shade-holder and shade which may be applied to lamps, gas-burners, candles, &c., and which shall be so constructed that the shade may be easily adjusted at any desired height or at any desired inclination, and which shall at the same time be simple in construction and convenient in use; and it consists in the construction and combination of various parts of the device, as hereinafter more fully described.

A is the clasp of the holder, which is made in the form of a closed ring, or in the form of an open ring, or of an open partial ring, according to the character of the light to be shaded. The size of the clasp A must also depend upon the character of the light to be shaded. For example, for a gas-burner the clasp must be very small, and may be closed or open for a kerosene-lamp. When the clasp is to go around the collar of the lamp, it should be larger and open, and may be an entire or partial circle, as may be desired. When the clasp is to fit and rest upon the lower part of the lamp-chimney, it must be still larger, and may be closed or open; but I prefer to make it open, to guard against the possibility of the clasp's breaking the chimney by its contraction and expansion.

B are upright wires, the lower ends of which

are riveted or otherwise securely attached to the clasp A. The wires B extend outward to a sufficient distance to keep their upper parts clear of the chimney, and are then bent upward. The uprights B are corrugated or bent out and in in a zigzag form, as shown in Fig. 1, to form notches to receive the edge of the shade C. If desired, the notches may be formed in the outer sides of the solid body of straight wires, as shown in Fig. 3. Two, three, or four uprights B may be used, as may be desired. I prefer to use three, as holding the shade steadier than two, and as allowing it to be more easily adjusted than when a larger number is used. The uprights B should be spread a little more than the size of the upper opening of the shade C, so that they will require to be slightly compressed or sprung together to allow the shade to be placed over them or adjusted upon them.

C is the shade, the upper opening of which is formed of two concentric wire rings, C' C'', connected to each by short wires, C³, as shown in Fig. 2. To the outer ring, C'', is attached the upper edge of the body or curtain of the shade, and the inner ring, C', rests in the notches or grooves of the uprights B. This construction of the shade prevents its upper part from being destroyed by the heat from the flame or chimney, as is the case with shades constructed in the ordinary manner. This construction enables the shade to be conveniently raised or lowered, or inclined in any direction to adjust the light as may be required.

An ordinary shade may be used upon the holder A B, if desired.

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

An improved shade-holder, formed by the combination of the corrugated or notched wire uprights B and clasp A, whether closed or open, with each other, substantially as here-in shown and described, and for the purpose set forth.

THOMAS BROWER PEACOCK.

Witnesses:

JOHN H. ASH,
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