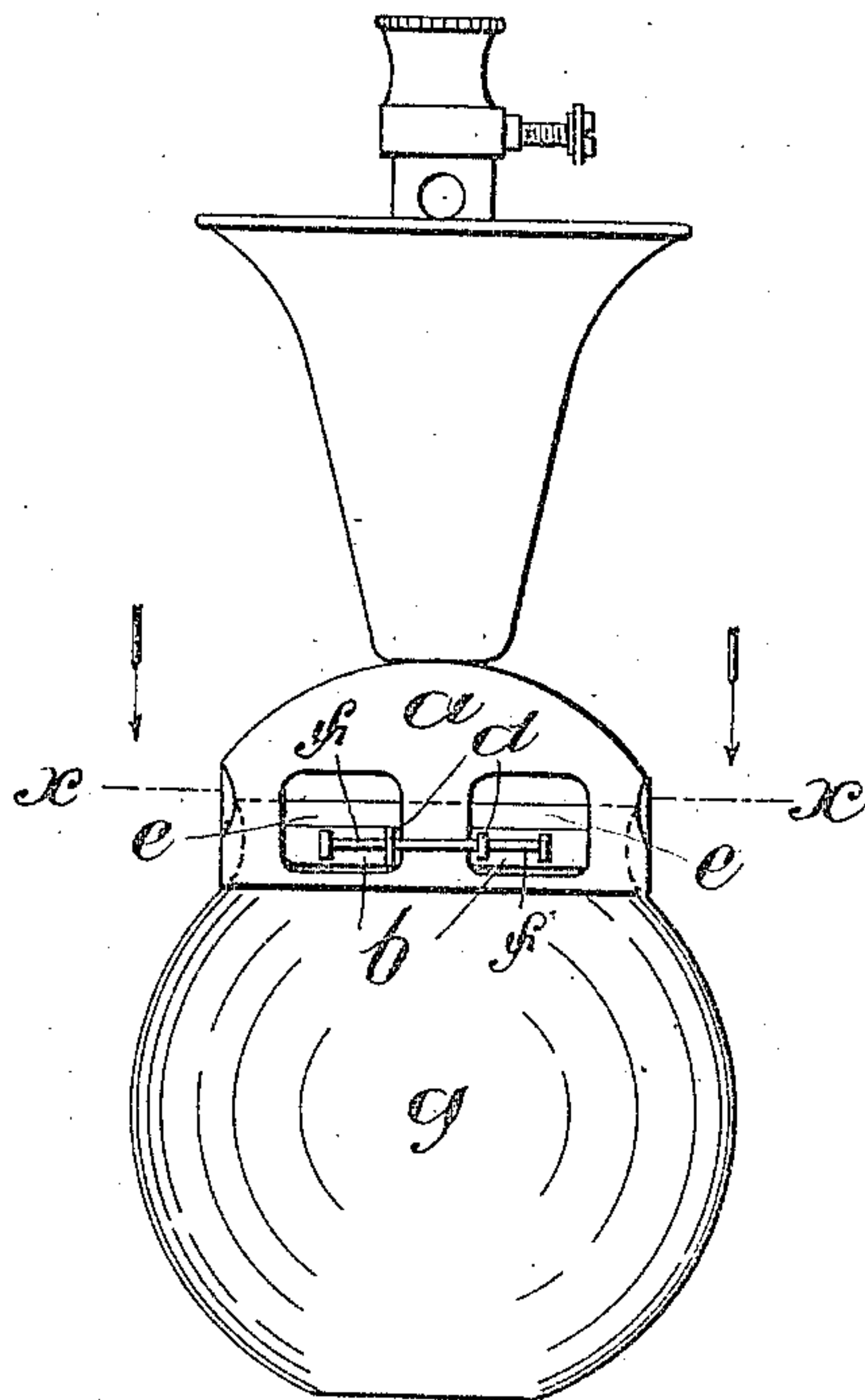


A. E. SMITHDALE.  
SHADE OR GLOBE HOLDER.  
APPLICATION FILED MAY 1, 1909.

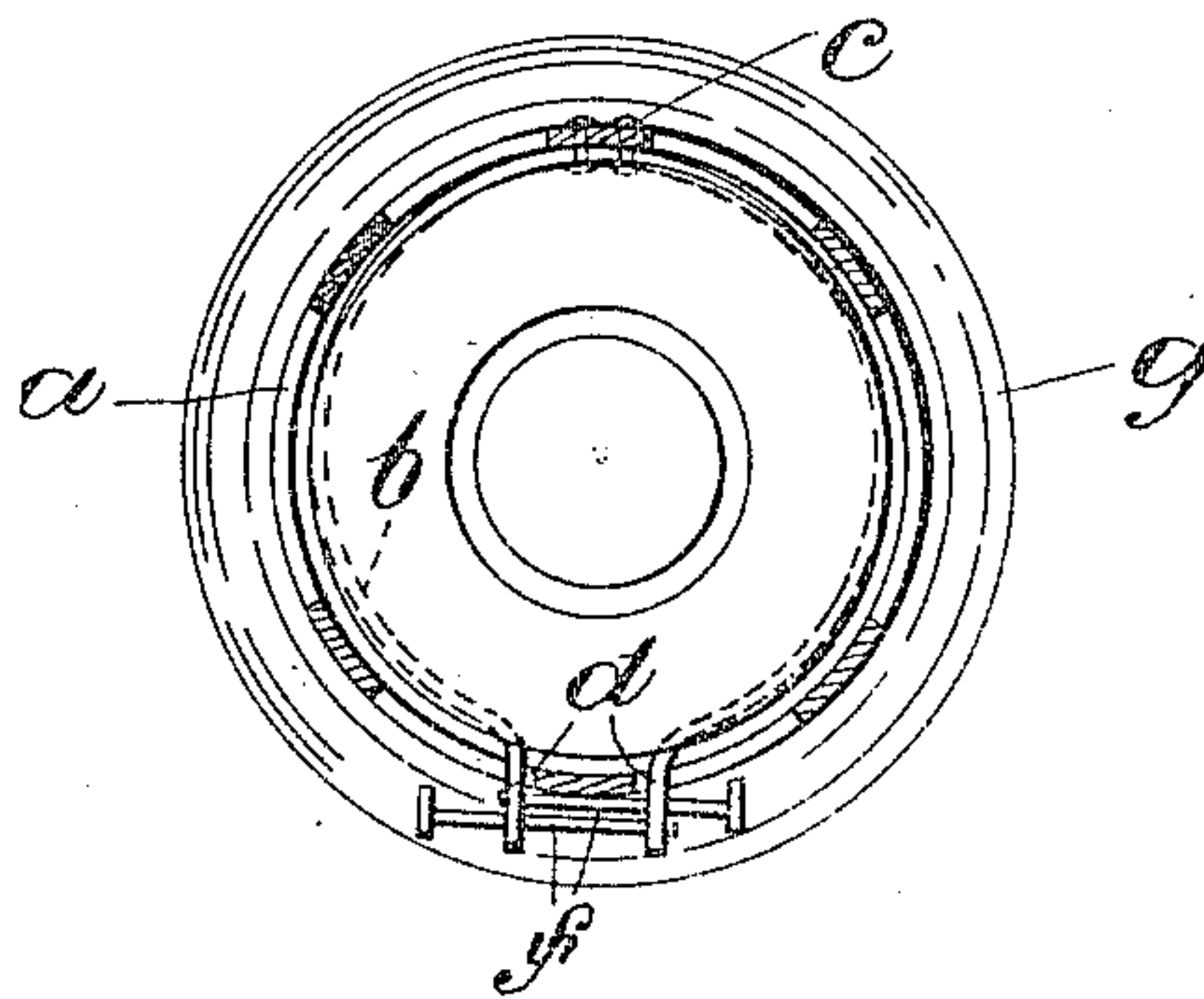
965,340.

Patented July 26, 1910

*Fig. 1*



*Fig. 2*



Witnesses:

L. B. Middleton  
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# UNITED STATES PATENT OFFICE.

ARTHUR EDWARD SMITHDALE, OF ACLE, ENGLAND.

SHADE OR GLOBE HOLDER.

965,340.

Specification of Letters Patent. Patented July 26, 1910.

Application filed May 1, 1909. Serial No. 493,304.

*To all whom it may concern:*

Be it known that I, ARTHUR EDWARD SMITHDALE, engineer, residing at Acle, Norfolk, England, have invented certain new and useful Improvements in Shade or Globe Holders; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

The method of securing shades or globes to inverted gas burners at present in use and of the type wherein upper flanged extremity of the shade or globe enters a cup-shaped or hemi-spherical body wherein it is retained by set screws, is open to the grave disadvantage that when the shade or globe expands by heat and also the set screws (in the reverse direction or against the shade or globe) the latter is frequently cracked and rendered useless.

Now the object of the present invention is to provide simple and efficient means whereby a shade or globe may be quickly and easily attached or detached and of such a nature as to allow for or counteract the expansion of the said shade or globe.

In order that this invention may be fully understood, it will now be described with reference to the accompanying drawings in which:—

Figure 1 is a side elevation of part of a burner having this invention applied thereto, and Fig. 2 is a sectional plan taken on line *x x* (Fig. 1).

In carrying this invention into practical effect, and as shown, within the cup shaped or hemi-spherical body *a* a divided beam or band *b* of suitable flexible material is riveted or suitably secured as at *c* at a point approximately opposite its divided extremities which are bent outward at *d* at or about right angles to the band *b* and passed through a slot or slots *e* formed in the side

of the said body *a*. A series of apertures *e* is provided around the periphery of the cup *a*, at its lower part, for the escape of the products of combustion, and the lugs *d* project through two of these apertures. To these extremities *d* arms or rods *f* are suitably secured, the arm or rod from one extremity, passing through a hole or perforation in the other extremity and vice versa so that by pressing these two arms *f* together, by gripping them between the thumb and finger, the ends of the band or rim *b* are forced apart, so expanding the said band or rim to admit of the globe or shade *g* (Fig. 1), which when the said arms are released, is gripped and held in position by the said band or rim *b*. It is obvious that the means employed for expanding the said band or rim for releasing the globe or shade may be varied considerably without departing from the spirit of this invention.

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

In a shade holder, the combination, with a supporting cup having lateral holes, of a spring loop secured to one side of the cup and having opposed lugs on its free end portions which project through the said holes, said lugs being provided with guide-holes, and two operating-pins, each pin being secured at one end to one lug and being slidable in the guide-hole of the other lug and having a finger-button on its free end, said loop being adapted to be expanded to receive the shade by pressing the finger-buttons toward each other.

In testimony whereof I affix my signature, in presence of two witnesses.

ARTHUR EDWARD SMITHDALE.

Witnesses:

GODFREY B. SHEPHERD,  
SYDNEY R. TAYLOR.