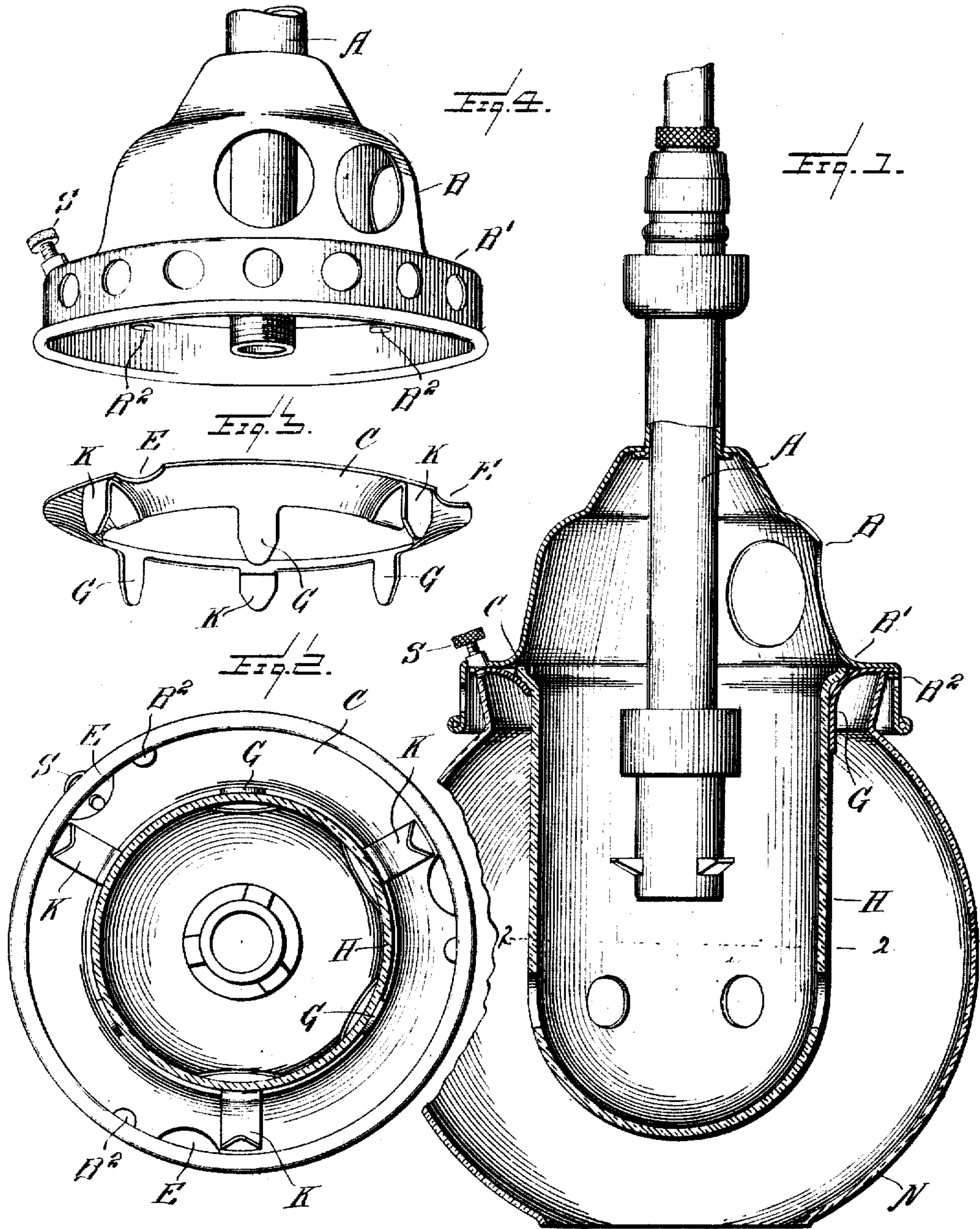


C. T. FULLER.
FASTENING MEANS FOR GAS BURNERS.
APPLICATION FILED NOV. 19, 1908.

922,128.

Patented May 18, 1909.



Witnesses.

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UNITED STATES PATENT OFFICE.

CHARLES T. FULLER, OF OLEAN, NEW YORK

FASTENING MEANS FOR GAS-BURNERS.

No. 822,128.

Specification of Letters Patent.

Patented May 18, 1900.

Application filed November 10, 1908. Serial No. 463,462.

To all whom it may concern:

Be it known that I, CHARLES T. FULLER, a citizen of the United States, residing at Olean, in the county of Cattaraugus and State of New York, have invented certain new and useful Improvements in Fastening Means for Gas-Burners; 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, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

This invention relates to new and useful improvements in means for holding and locking globes upon gas burners and comprises various details of construction, combinations and arrangements of parts which will be hereinafter fully described and then specifically defined in the appended claims.

I illustrate my invention in the accompanying drawings, in which:—

Figure 1 is a vertical sectional view through the globe and fastening means therefor. Fig. 2 is a sectional view transversely through the globe on line 2—2 of Fig. 1, the shade being removed with the globe holding ring shown in bottom plan view. Fig. 3 is a detail perspective view of the globe-engaging ring, and Fig. 4 is a detail perspective view of the support for the ring.

Reference now being had to the details of the drawings by letter, A designates a burner tube having a shell B mounted thereon, which shell has a shouldered portion B' against which a ring C is held. Lugs B' are struck up from the portion of said shell immediately below the shoulder and are adapted to engage over the marginal edge of the ring C to hold the same in place. The marginal edge of said ring C has recesses E formed at suitable distances apart corresponding to the number of said lugs B' and provided for the purpose of allowing the ring to contact with said shoulder and after which, by giving a partial rotary movement to the ring, the latter may be engaged and held against the shoulder by means of said lugs. Upon the inner marginal edge of the ring are struck up the fingers G which are

adapted to engage the globe or chimney H in the manner shown in the drawings. The upper end of the chimney flares outwardly slightly and conforms to the convexed upper surface of the ring which it engages, as shown clearly in the vertical sectional view of the drawings.

Shade supporting hooks, designated by letter K, are also struck up from the inner marginal edge of the ring and are adapted to engage and hold the shade X in the manner illustrated. In order to hold the ring from rotation I provide a set screw S mounted in a threaded opening in said shell and which screw is adapted to be turned so that its inner end will be positioned within one of the scalloped recesses E formed in the marginal edge of the ring C and thereby prevent the latter from turning.

From the foregoing, it will be noted that, by the provision of the means shown and described, a simple and efficient locking device is afforded whereby the globe and the ring may be securely held in place and easily removed when desired.

What I claim to be new is:—

1. In combination with a burner tube, a globe supporting shell about the same provided with a shouldered portion, lugs struck up from said shell below said shoulder, a ring provided with recesses in the marginal edge thereof and adapted to bear against said shoulder and engaged by said lugs, a set screw carried by the shell and adapted to engage one or another of the recesses in said ring to prevent the latter from turning, as set forth.

2. In combination with a burner tube, a globe supporting shell about the same provided with a shouldered portion, lugs struck up from said shell below said shoulder, a ring provided with recesses in the marginal edge thereof and adapted to bear against said shoulder and engaged by said lugs, a set screw carried by the shell and adapted to engage one or another of the recesses in said ring to prevent the latter from rotation, and lugs projecting from the inner marginal edge of the ring and adapted to support a shade, as set forth.

3. In combination with a burner tube, a shell supported thereon and provided with a

shoulder, lugs projecting from said shell below said shoulder, a convexed ring provided with recesses in the marginal edge thereof and adapted to receive said lugs which serve to support the ring and hold the latter against said shoulder, a globe having a flaring end engaging the convexed surface of said ring, and lugs struck up from the marginal

edge of the ring and engaging said globe, as set forth.

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

CHARLES T. FULLER.

Witnesses:

GEO. E. DURKEE,

C. S. ANDREWS.