

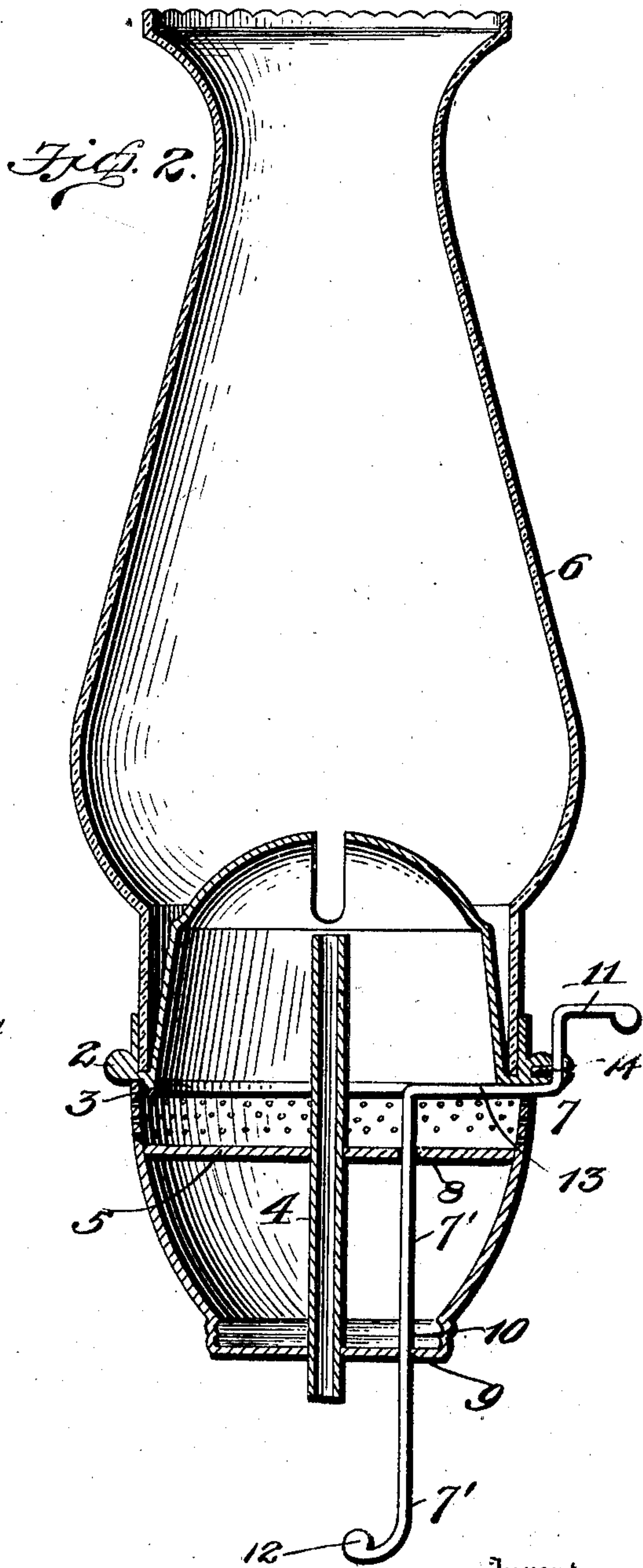
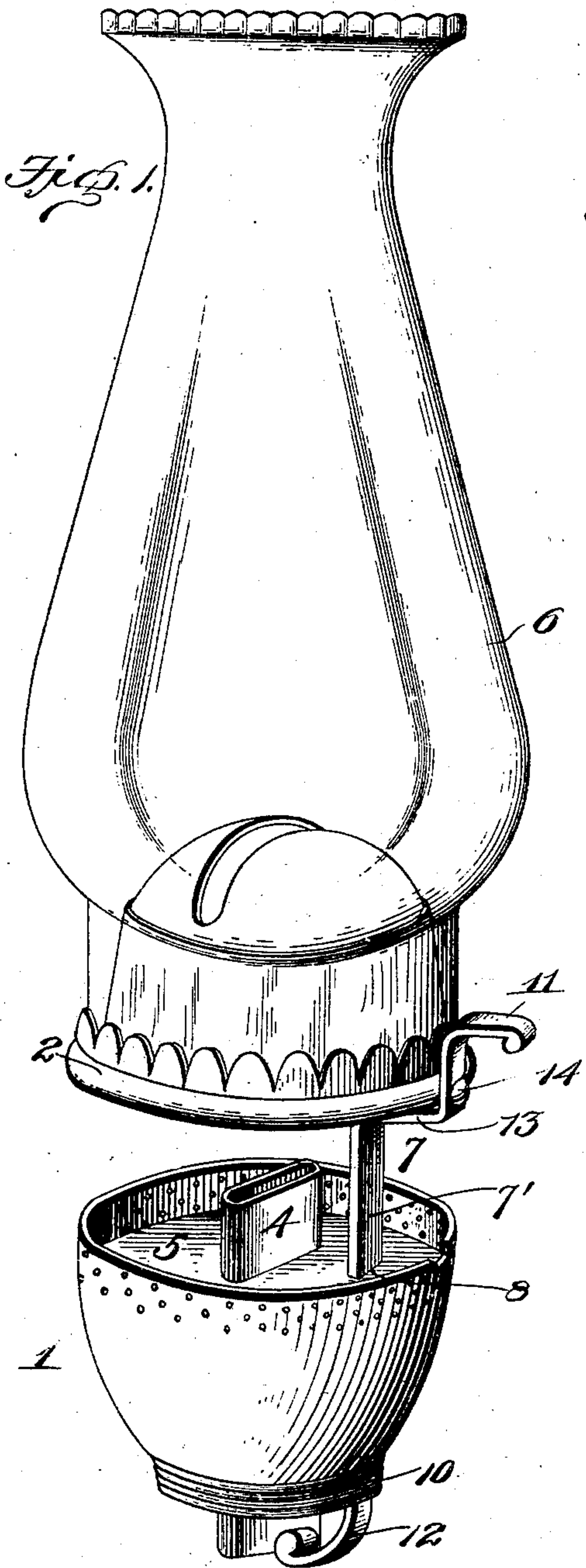
No. 707,811.

Patented Aug. 26, 1902.

T. B. ABBOTT.  
LAMP BURNER.

(Application filed Dec. 6, 1901.)

(No Model.)



Witnesses  
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# UNITED STATES PATENT OFFICE.

THOMAS BEAMONT ABBOTT, OF SALE, VICTORIA, AUSTRALIA.

## LAMP-BURNER.

SPECIFICATION forming part of Letters Patent No. 707,811, dated August 26, 1902.

Application filed December 6, 1901. Serial No. 84,980. (No model.)

*To all whom it may concern:*

Be it known that I, THOMAS BEAMONT ABBOTT, a subject of the King of Great Britain, residing at Sale, in the State of Victoria, Australia, have invented certain new and useful Improvements in Lamp-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.

The invention relates to lamp-burners.

The prime object of the invention is to provide a lamp-burner with means for raising the crown portion thereof from the body portion and retaining it in its elevated position, whereby the wick may be cleaned or trimmed, lighted, or extinguished without removing the chimney or globe, if the latter be used, thereby rendering it unnecessary to touch the heated glass, which so frequently burns the hands in removing the same.

With these and other objects in view the invention consists in certain novel features of construction, combination, and arrangement of parts, which will be hereinafter more fully described and particularly pointed out in the appended claims.

In the accompanying drawings, Figure 1 is a perspective view of a lamp-burner, illustrating my invention, the crown being raised from the body of the burner and supported in that position; and Fig. 2 is a vertical sectional view showing the crown engaged with the body portion of the burner.

Referring now more particularly to the drawings, 1 denotes the body portion of a burner; 2, the crown thereof, which is loosely connected to the body portion by an annular flange 3, which fits within the body portion. 4 denotes the wick-tube, which extends up through the diaphragm 5, secured to the body portion of the burner, and 6 denotes the lamp-chimney. These parts are made in any well-known or approved construction, so long as the crown has a loose or detachable connection with the lower portion of the burner.

7 denotes the device for lifting the crown free from and supporting it above the body of the burner, and consists, preferably, of a vertical metallic bar or strip 7', mounted to slide vertically in the body portion of the

burner, preferably by passing it through slots 8 and 9, formed, respectively, in the diaphragm 5 and screw-cap 10 of the body portion. The upper end of the bar is suitably fastened to the crown and is provided with a finger-piece 11, and the lower end is provided with a locking device 12, preferably automatic, to lock the lifting device in its elevated adjustment and hold the crown with its chimney supported above the body of the burner. This locking device preferably consists of a spring-actuated finger formed integral with the lifting device and bearing against the side of the wick-tube 4.

In operation, assuming the parts of the burner in the position shown in Fig. 2 of the drawings, should it be desired to lift the crown with its chimney the finger-piece 11 is grasped and elevated to the position shown in Fig. 1 of the drawings, in which position the crown will be retained by the spring-actuated locking device frictionally engaging the wick-tube 4. When in this position, the wick may be cleaned and trimmed, ignited, or extinguished and the parts returned to their normal position in use by pressing down upon the finger-piece. In the drawings I have shown the lifting device provided with an angular bend 13, upon which the crown is seated, and with a fastener 14 for securing the crown to the lifting device.

From the foregoing description, taken in connection with the accompanying drawings, the construction and mode of operation of my improved lamp-burner will be readily understood without requiring a more extended explanation.

Various changes in the form, proportion, and minor details of construction may be made within the scope of the invention without departing from the spirit or sacrificing any of the advantages thereof.

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

1. The combination with a burner comprising a body portion and a separable crown, of a lifting device fixedly connected to the crown and having a sliding connection with the body portion, and means carried by the lifting device for engaging the wick-tube of the body

portion and holding the separable crown in elevated adjustment above the body portion, substantially as set forth.

2. The combination with a burner comprising  
5 ing a body portion and a separable crown, of a lifting device consisting of an angular strip fixed to the separable crown and having a sliding engagement with the body portion, the upper end of said strip projecting laterally to  
10 form a finger-piece and the inner or lower end being formed of spring metal and adapted to

engage the wick-tube of the body portion and support the crown portion in elevated position above the same, substantially as set forth.

In testimony whereof I have hereunto set  
15 my hand in presence of two subscribing witnesses.

THOMAS BEAMONT ABBOTT.

Witnesses:

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