

No. 667,964.

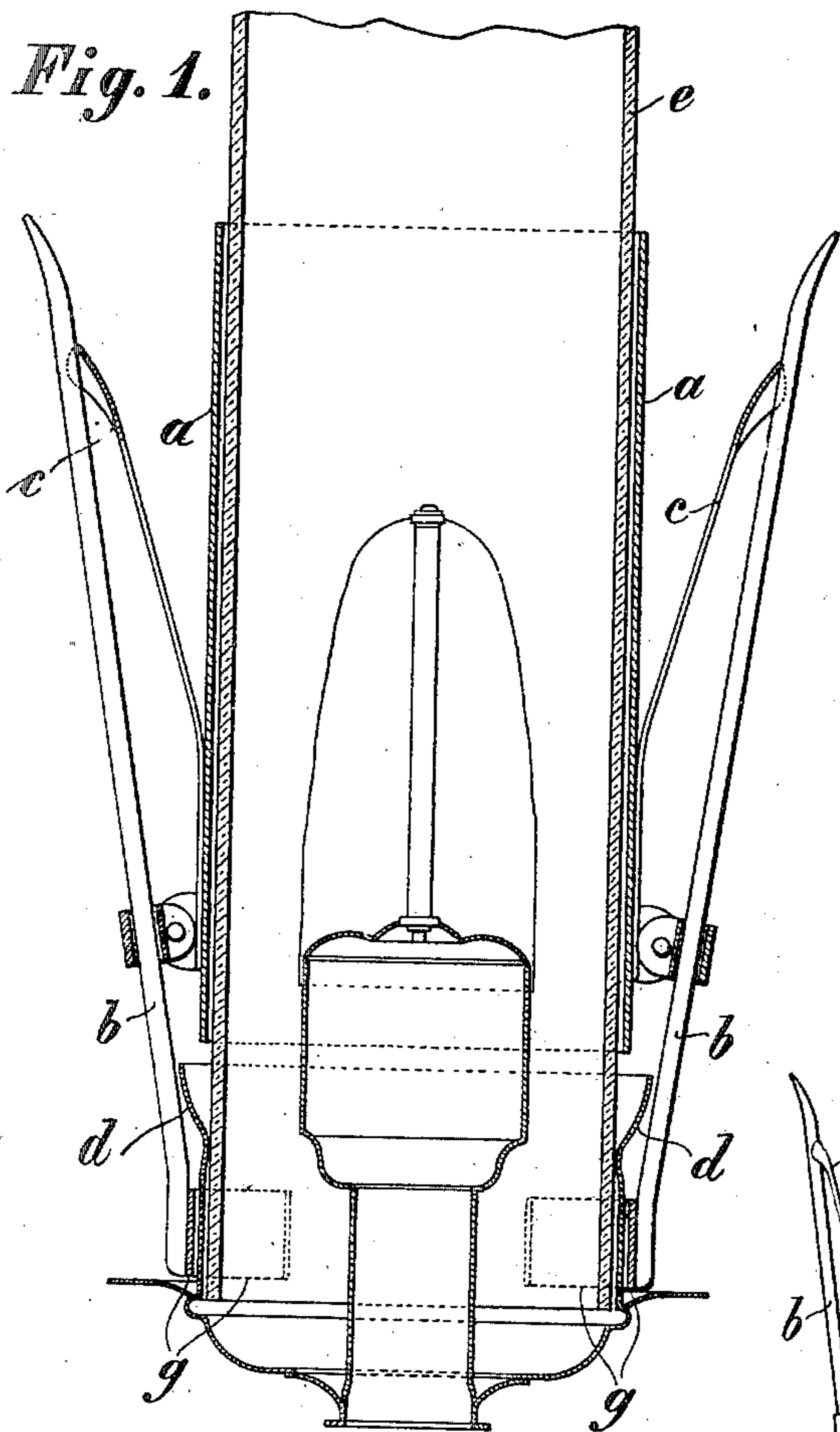
Patented Feb. 12, 1901.

F. ALTMANN.  
LAMP CHIMNEY GUIDE.

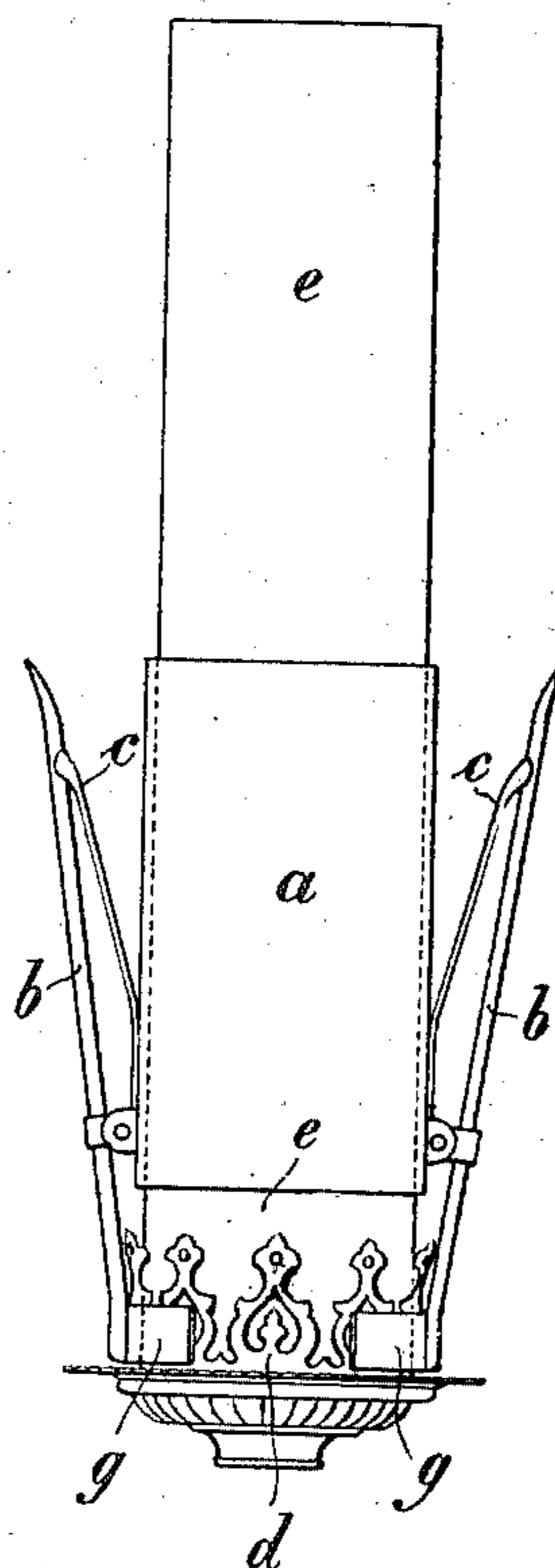
(Application filed Oct. 20, 1900.)

(No Model.)

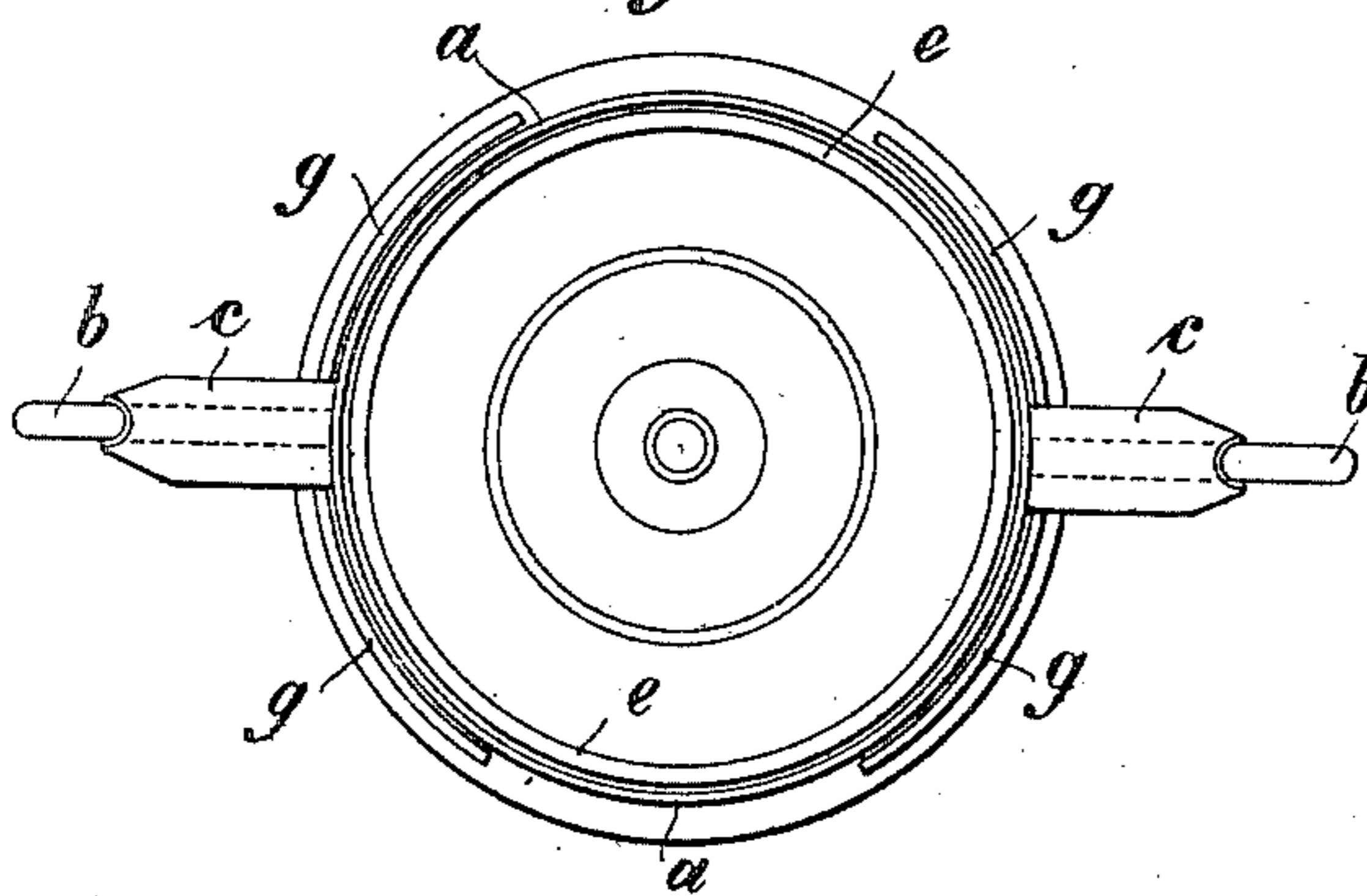
*Fig. 1.*



*Fig. 3.*



*Fig. 2.*



WITNESSES:

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# UNITED STATES PATENT OFFICE.

FRITZ ALTMANN, OF BERLIN, GERMANY.

## LAMP-CHIMNEY GUIDE.

SPECIFICATION forming part of Letters Patent No. 667,964, dated February 12, 1901.

Application filed October 20, 1900. Serial No. 33,729. (No model.)

*To all whom it may concern:*

Be it known that I, FRITZ ALTMANN, a citizen of the Empire of Germany, residing in Berlin, Germany, have invented certain new and useful Improvements in Lamp-Chimney Guides, of which the following is a specification.

In the usual devices for enabling chimneys of incandescent gas-burners to be easily replaced there is between the parts guiding the chimney and the crown of the burner a want of space for the tongues of the burner, the consequence being that a reintroduction of the chimney is difficult and liable to cause damage to the incandescent mantle. This invention relates to a device by which this disadvantage is overcome; and the invention consists of a lamp-chimney guide comprising a protective tube adapted to permit passage of the chimney through the same and spring-actuated clamps pivoted to said tube and extending beyond the lower end of the same for engaging the lamp-burner.

The invention consists, further, in the combination, with a lamp-burner having tongues for engaging the lamp-chimney, of a lamp-chimney guide consisting of a protective tube adapted to permit passage of the chimney through the same and spring-actuated clamps pivoted to said tube and extending to such length beyond the lower end of the same as to support said tube above the tongues when the clamps engage the burner.

In the accompanying drawings, which illustrate a device embodying my invention, Figure 1 is a vertical section through the device. Fig. 2 is a top view, and Fig. 3 is an elevation on a smaller scale.

Similar letters of reference indicate corresponding parts.

The tube *a* is secured to the burner-gallery *d* by means of clamps actuated by springs *c*. The lever-arms *b* of the clamps are pivoted to projections on the tubular guide *a*. The lower ends of the lever-arms are provided with curved strips *g*, which engage the burner-gallery when the device is applied to the burner. The protective tube *a* may be made of any desired material. Two or more clamps may be employed, actuated by springs *c*, arranged as shown or in any other suitable manner so that the clamps engage at several points on the burner-gallery and hold the tubular guide uniformly.

Between the lower edge of the tube *a* and the

upwardly-projecting tongues of the burner-gallery is a space, so that the tube *a* does not come in contact with the tongues of the burner, and they are left free to engage the chimney.

The operation of the device is as follows: When it is desired to remove the chimney *e*, the tube *a* is placed over the chimney and moved downward, the levers *b b* being pressed at their upper ends inwardly, whereby their curved lower portions are opened outward, so that they pass over the burner-gallery and then grip the outside of the gallery. The chimney is then removed by hand, the guide remaining clamped to the gallery. The chimney is guided by the tube during the removal, and no injury to the incandescent mantle is possible. After the chimney has been cleaned it is replaced in the same manner through the tube *a*.

In case any of the tongues of the burner should become bent, so that the chimney catches between them when being replaced, the chimney is then raised, and as the tongues are free and not in contact with the tube *a* they can be readily bent back into correct position, so as to permit the chimney to be reintroduced into its correct position.

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

1. A lamp-chimney guide, consisting of a protective tube adapted to permit passage of the chimney through the same, and spring-actuated clamps pivoted to said tube and extending beyond the lower end of the same for engaging the lamp-burner, substantially as set forth.

2. The combination, with a lamp-burner having tongues for engaging the lamp-chimney, of a lamp-chimney guide, consisting of a protective tube adapted to permit passage of the chimney through the same, and spring-actuated clamps pivoted to said tube and extending to such length beyond the lower end of the same as to support said tube above the tongues when the clamps engage the burner, substantially as set forth.

In testimony that I claim the foregoing as my invention I have signed my name in presence of two subscribing witnesses.

FRITZ ALTMANN.

Witnesses:

WOLDEMAR HAUPT,  
HENRY HASPER.