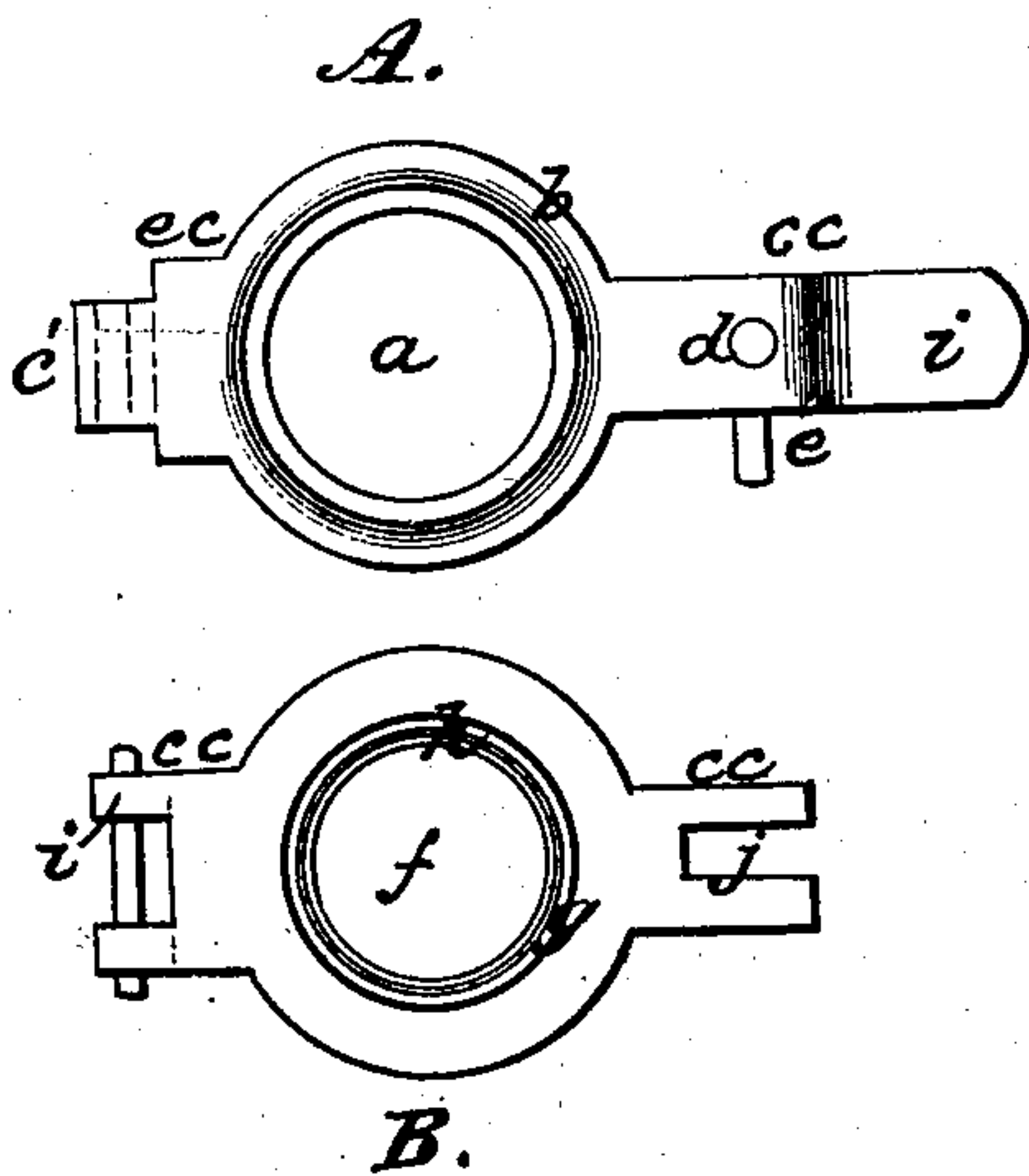
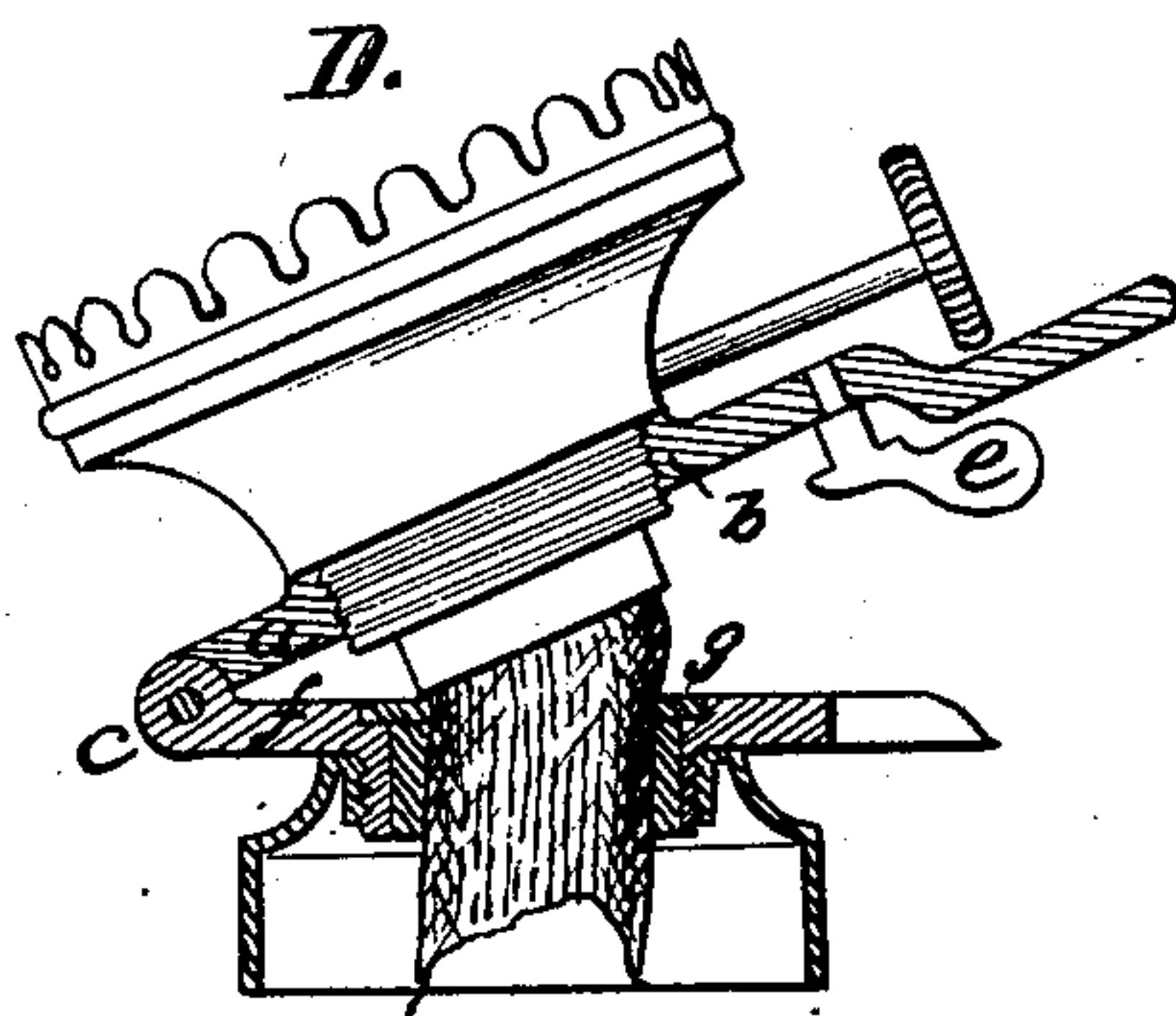
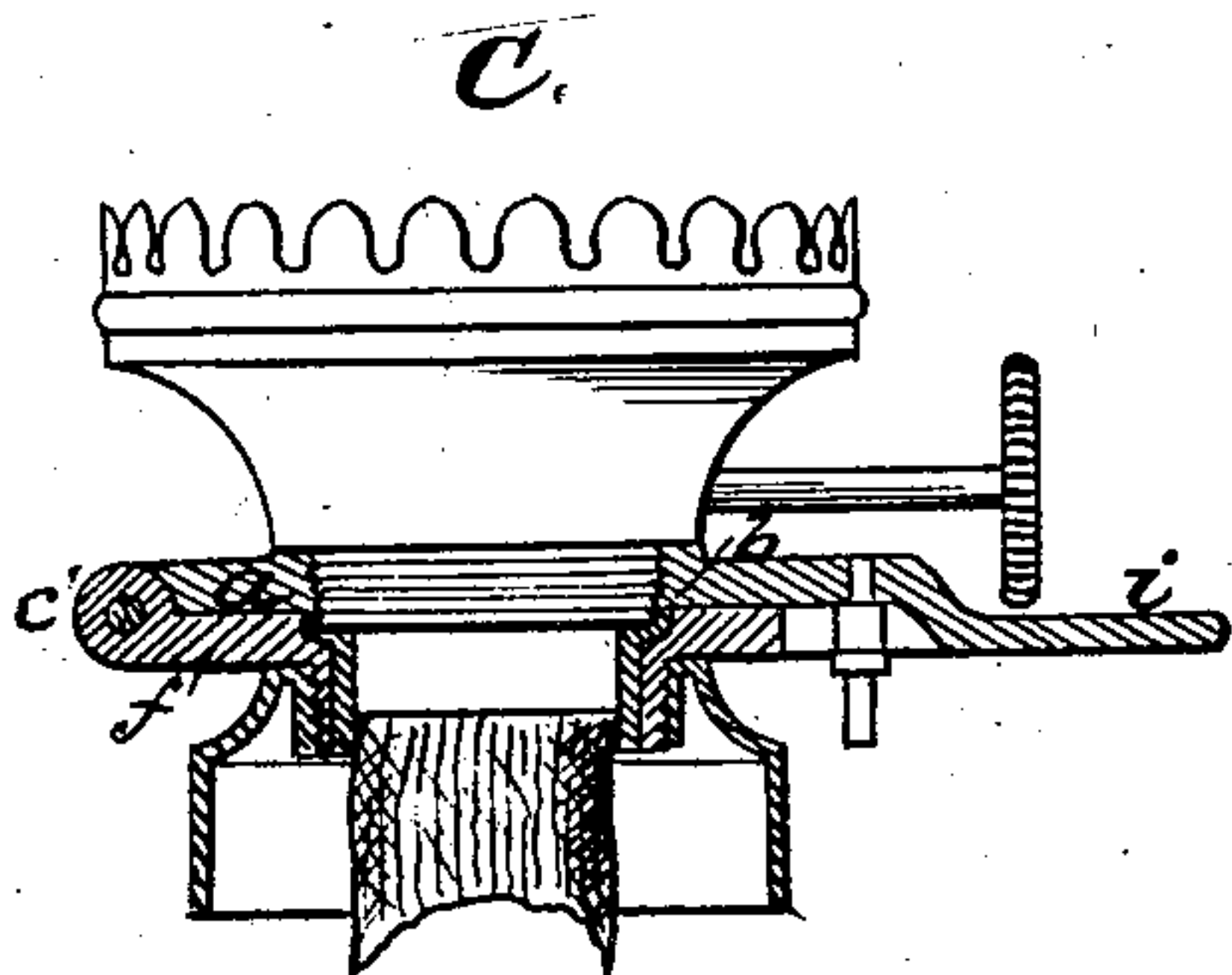


G. F. J. Colburn.

Lamp.

N^o 39, 253.

Patented Jul. 14, 1863.



Witnesses.

Enos. Knigon

W. H. Colburn

George.

Inventor.

G. F. J. Colburn.

UNITED STATES PATENT OFFICE.

GEORGE F. J. COLBURN, OF NEWARK, NEW JERSEY, ASSIGNOR TO LEMUEL BEERS, OF NEWTOWN, CONNECTICUT.

IMPROVED HINGED COLLAR FOR LAMPS.

Specification forming part of Letters Patent No. 39,253, dated July 14, 1863.

To all whom it may concern:

Be it known that I, GEORGE F. J. COLBURN, of Newark, in the county of Essex and State of New Jersey, have invented a certain new and useful Improvement in Lamps; and I do hereby declare the following to be a full and exact description of the same, reference being had to the accompanying drawings, making part of this specification, in which—

Figure C is a vertical section of a lamp, with my invention applied, in its closed condition. Fig. D is a vertical section of the same, open. Fig. A is a top view of the upper member of the hinged collar. Fig. B is a similar view of the lower member.

Similar letters of reference indicate corresponding parts in the several views.

The subject of my invention is an attachment which may be applied to lamps of common construction to adapt the reservoir to be readily opened for the reception of oil without removing the burner or chimney.

In order that others skilled in the art to which my invention appertains may be enabled to fully understand and use the same, I will proceed to describe its construction and operation.

n may represent the neck of a lamp, and *t* the lamp top or burner, of common construction.

a represents the upper and *f* the lower member of a collar, connected by a hinge, *i*. The lower member, *f*, is formed with an external screw, *h*, fitting the threaded socket of the neck *n*, and the upper member with a corresponding threaded socket to receive the screw *b* of the lamp-top. It will thus be apparent that with a lamp of common construction the top may be removed, the hinged collar *a, f* applied, and the same top, *t*, replaced.

e is a fastening upon the upper member, *a*, fitting a notch, *j*, in the lower member, *f*, to secure the lamp-top in condition for burning. The said fastening may be of any suitable construction, as a spring catch, a pivoted button, or any other device in use for such purposes.

g is a recess to accommodate the projecting screw of the lamp top.

i is a projecting handle by which to raise the lamp-top or open the collar to admit oil and again close it when the reservoir is supplied.

w represents the lamp-wick.

The operation of the invention will be readily understood from the foregoing description. When the oil-reservoir becomes depleted, the fastening *e* is released and the burner raised to the position shown at D; where it is held by the weight of the chimney and the projection *e'* on the upper part of the hinge, resting against the heel of the lower part. Oil may then be poured in, after which the lamp is again closed, as shown at C.

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

1. A hinged collar, *a, f*, adapted for application between the lamp-top *t* and neck *n*, opening to a limited extent to afford direct access to the reservoir below the burner, and held in its open position by the weight of the chimney, all as herein shown and explained.

2. The combination of the fastening *e* and handle *i*, arranged and operating as specified.

GEORGE F. J. COLBURN.

Witnesses:

DANL. DODD,

JOHN B. BATHGATE.