

G. W. GOODRIDGE.
ELECTRIC LAMP SOCKET CAP.
APPLICATION FILED JAN. 10, 1911.

987,356.

Patented Mar. 21, 1911.

Fig. 1.

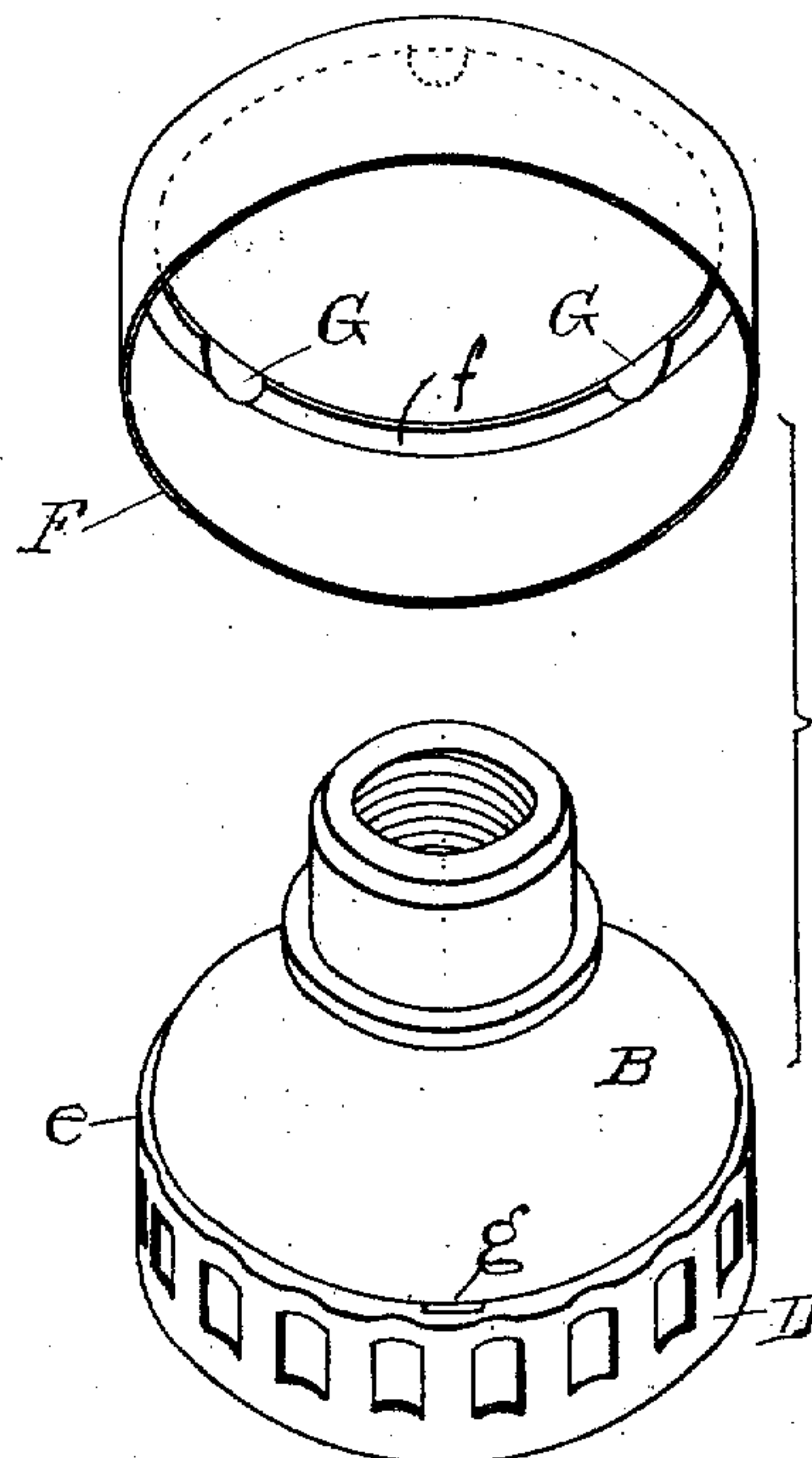


Fig. 2.

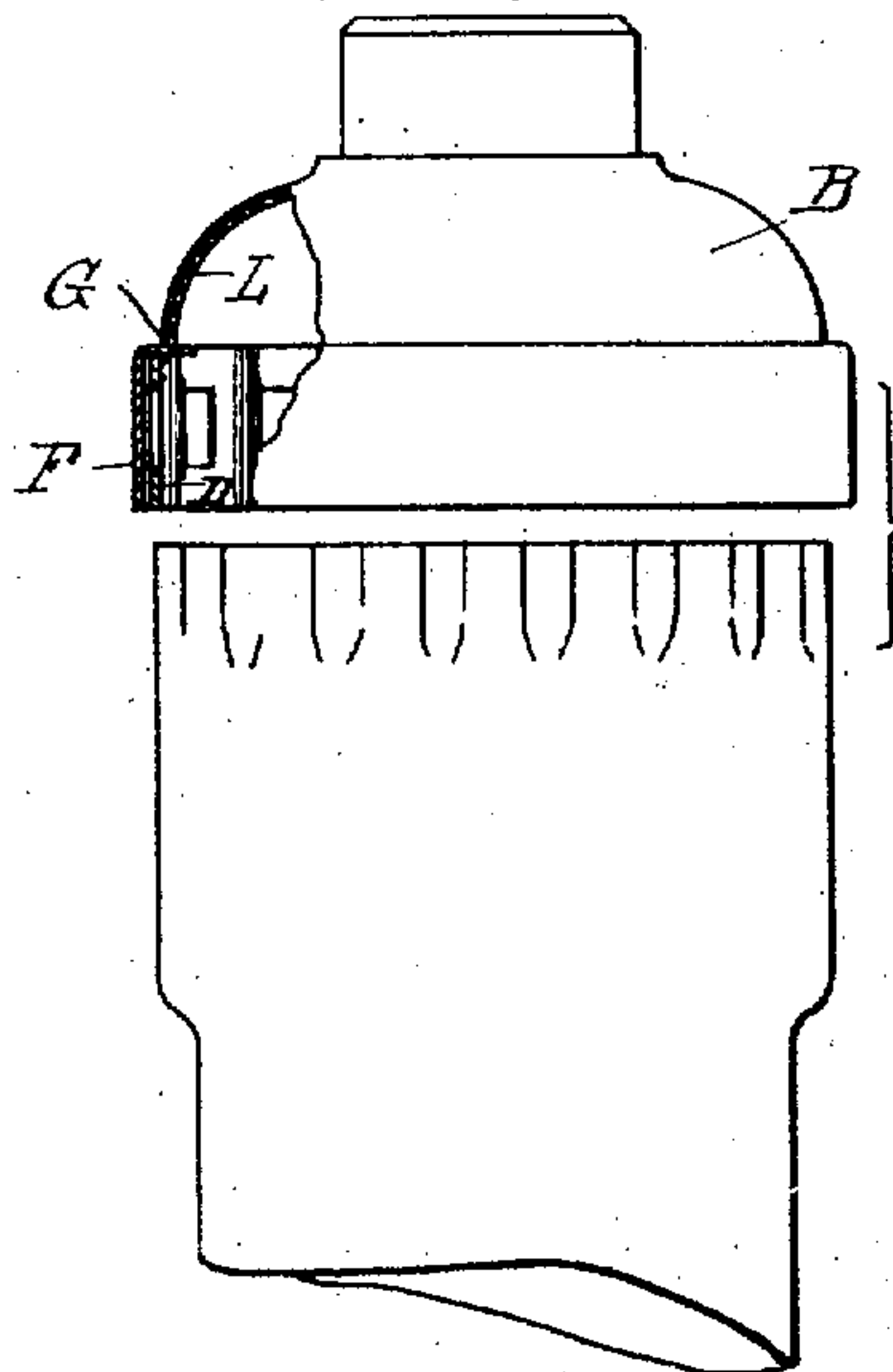
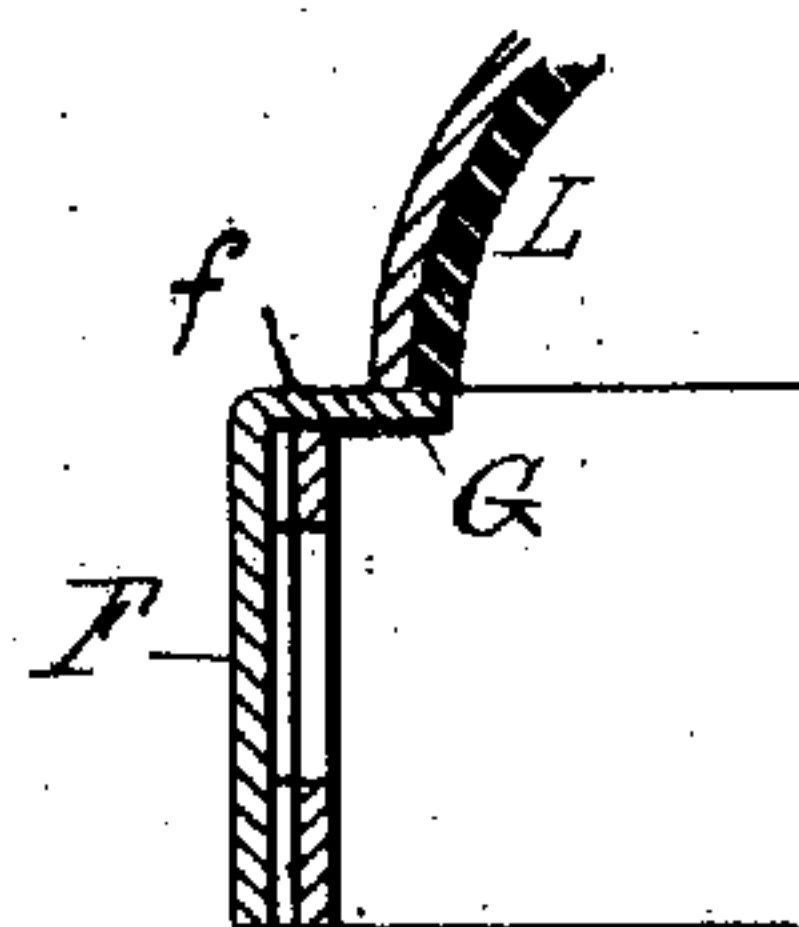


Fig. 3.



Witnesses:
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UNITED STATES PATENT OFFICE.

GILBERT W. GOODRIDGE, OF BRIDGEPORT, CONNECTICUT, ASSIGNOR TO THE BRYANT
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ELECTRIC-LAMP-SOCKET CAP.

987,356.

Specification of Letters Patent.

Patented Mar. 21, 1911.

Application filed January 10, 1911. Serial No. 601,823.

To all whom it may concern:

Be it known that I, GILBERT W. GOOD-
RIDGE, a citizen of the United States of
America, and residing at Bridgeport, in the
5 county of Fairfield and State of Connecticut,
have invented a certain new and useful Im-
provement in Electric-Lamp-Socket Caps, of
which the following is a specification.

My invention has particular reference to
10 the cap for a lamp socket casing of the type
illustrated in my Patents 872,283 and
958,625, and the object of my invention is to
improve the method of fastening the rein-
forcing ring on the cap, as herewith shown
15 and described.

In the accompanying drawings, Figure 1
is a perspective of a socket cap with the rein-
forcing ring in position to be adjusted; Fig.
2 is a side elevation of the finished cap
20 partly in section and in position to be ad-
justed upon the shell; and Fig. 3 is an en-
larged cross section of a detail.

It has been found extremely difficult when
manufacturing on a large scale, to insure
25 the exact proportioning of the reinforcing
ring with relation to the corrugated skirt of
the cap, and it not infrequently happens that
the lower edge of the ring when rolled over
beneath the lower edge of the skirt projects
30 inwardly so far as to interfere with the
proper engagement of the latching elements
of the shell and cap, thereby necessitating a
special machining operation to remove the
protruding metal. To obviate this trouble,

35 I now propose to provide the inwardly pro-
jecting flange *f* of the ring *F* with tongues
G which enter slots *g* in the shoulder *e* at
the upper edge of the corrugated skirt *D* of
the cap when the ring is placed thereon.
40 After the adjustment of the ring, the
tongues *G* are offset inwardly as shown in

Fig. 2, and serve not only to lock the ring to
the cap but also to support the lower edge of
the insulating lining *L* which fits within the
dome *B* of the cap and hold the same in 45
position. It is thus obvious that not only is
the rolling over of the lower edge of the ring
done away with, and the accompanying dan-
ger of interference with the proper function
of the cap and shell latching elements 50
avoided, but also that it is unnecessary to
provide the cap with the supplemental lin-
ing-holding means usually provided. At
the same time all the advantages of the con-
structions of my earlier patents are retained. 55

I claim as my invention:—

1. An electric lamp socket cap having a
shouldered skirt with latching elements
thereon, the shoulder of said skirt being per-
forated, in combination with an inclosing 60
ring having tongues entering the perfora-
tions of said shoulder and being offset to
lock said ring on said cap, substantially as
described.

2. An electric lamp socket cap having a 65
shouldered skirt with latching elements
thereon, the shoulder of said skirt being per-
forated, in combination with an inclosing
ring having tongues entering the perfora-
tions in said shoulder and being offset to 70
lock said ring on said cap, together with an
insulating lining for said cap engaged by
said offset tongues, substantially as de-
scribed.

In testimony whereof I have signed my 75
name to this specification, in the presence of
two subscribing witnesses.

GILBERT W. GOODRIDGE.

Witnesses:

H. M. WICHERT,
A. J. WATERHOUSE.

Copies of this patent may be obtained for five cents each, by addressing the "Comimissioner of Patents.
Washington, D. C."