

L. W. YOUNG.  
 GLOBE FOR INVERTED INCANDESCENT GAS BURNERS.  
 APPLICATION FILED JULY 6, 1908.

934,873.

Patented Sept. 21, 1909.

FIG. 1

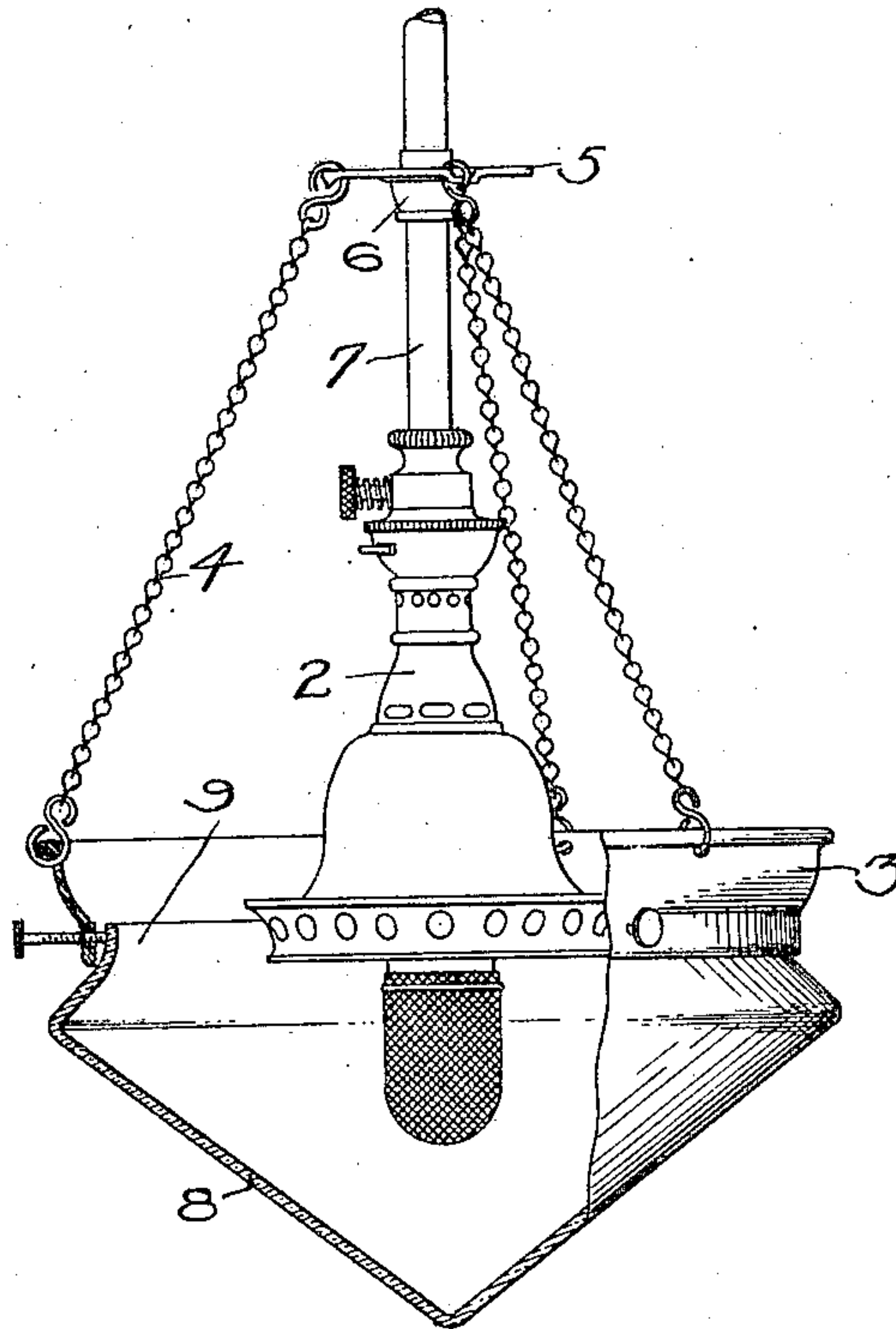
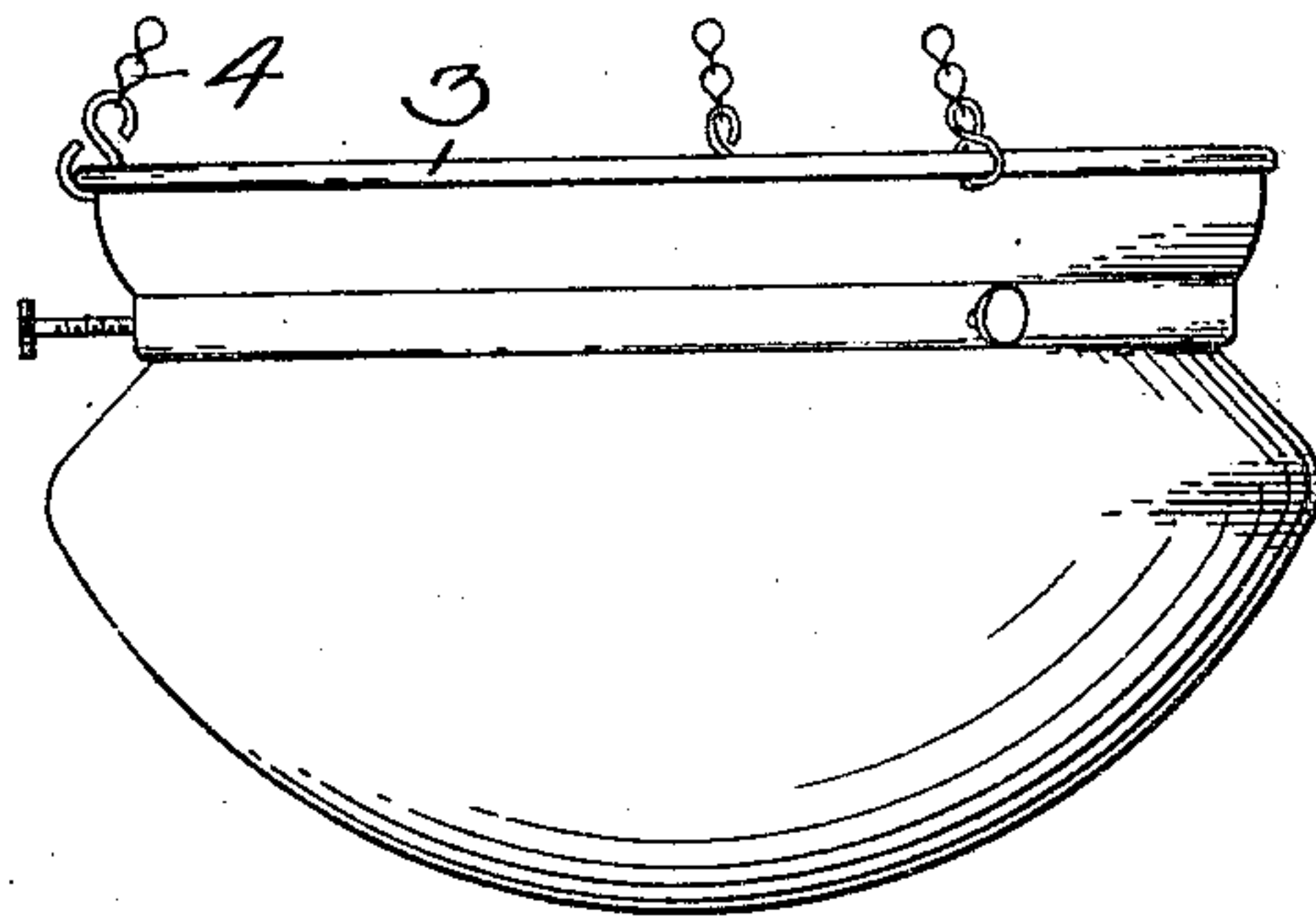


FIG. 2



WITNESSES

*Wm. Arthur Keller*  
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INVENTOR

*Lorin W. Young*  
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# UNITED STATES PATENT OFFICE.

LORIN W. YOUNG, OF PITTSBURG, PENNSYLVANIA.

GLOBE FOR INVERTED INCANDESCENT GAS-BURNERS.

934,873.

Specification of Letters Patent. Patented Sept. 21, 1909.

Application filed July 6, 1908. Serial No. 442,239.

*To all whom it may concern:*

Be it known that I, LORIN W. YOUNG, of  
Pittsburg, in the county of Allegheny and  
State of Pennsylvania, have invented a new  
5 and useful Improvement in Globes for In-  
verted Incandescent Gas-Burners, of which  
the following is a full, clear, and exact de-  
scription of my invention, reference being  
had to the accompanying drawings, forming  
10 part of this specification.

My invention relates to certain new and  
useful improvements in globes for inverted  
incandescent gas burners, and it consists in  
the novel construction and combination of  
15 parts as will be hereinafter more fully set  
forth.

I will now describe my invention so that  
others skilled in the art to which it apper-  
tains may understand and construct the  
20 same, referring to the accompanying draw-  
ings in which—

Figure 1 is a sectional elevation of my im-  
proved globe and Fig. 2 is an elevation of a  
modification of the globe.

25 In describing my invention, the reference  
numeral 2 indicates an ordinary standard in-  
verted gas burner. Surrounding this burner  
2 is a bowl supporting ring 3 which is sus-  
pended on chains 4 carried by the collar 5  
30 loosely mounted on and carried by the  
shouldered portion 6 of the burner gas pipe  
7. This ring may be provided with the usual  
set-screws or other analogous globe-clamp-  
ing means, and is adapted to receive a bowl  
35 8. By means of the large top opening 9 of  
the bowl 8 I avoid the necessity of placing  
an opening in the bottom portion of the  
bowl. The combustion and the supply of  
air are not interfered with and a greater sup-

ply of air is permitted than is the case with 40  
the ordinary globe. I also prevent any in-  
candescent particles thrown off by the gas  
mantle from escaping and coming in contact  
with easily inflammable material. Owing to  
the flexible support afforded by the chains 4, 45  
any movement of the bowl will not be liable  
to jar and injure the mantle.

By my improvement I am enabled to at-  
tach to an inverted gas burner a globe hav-  
ing a large, approximately flat surface, 50  
which consequently gives a greater diffusion  
of light, permits perfect combustion and is  
more susceptible to artistic ornamentation  
than the small substantially spherical globes  
commonly used heretofore in connection with 55  
inverted burners.

The advantages of my invention will be  
found to reside in the light-giving proper-  
ties, the artistic possibilities, in simplicity of  
construction, and cheapness of manufacture, 60  
and in the fact that the light deflector is sus-  
pended independently of the lamp.

Having thus described my invention, what  
I claim and desire to secure by Letters Pat-  
ent is: 65

An incandescent gas burner comprising a  
mantle rigidly mounted upon the gas con-  
ductor, and a globe for said burner flexibly  
supported from the gas conductor and inde-  
pendent of the mantle support whereby said 70  
conductor and mantle are substantially re-  
lieved from a quivering action.

In testimony whereof, I have hereunto set  
my hand.

LORIN W. YOUNG.

Witnesses:

JAMES K. BAKEWELL,  
M. A. BARTH.