

(Model.)

D. C. RIPLEY.
HOLLOW STEM LAMP.

No. 249,676.

Patented Nov. 15, 1881.

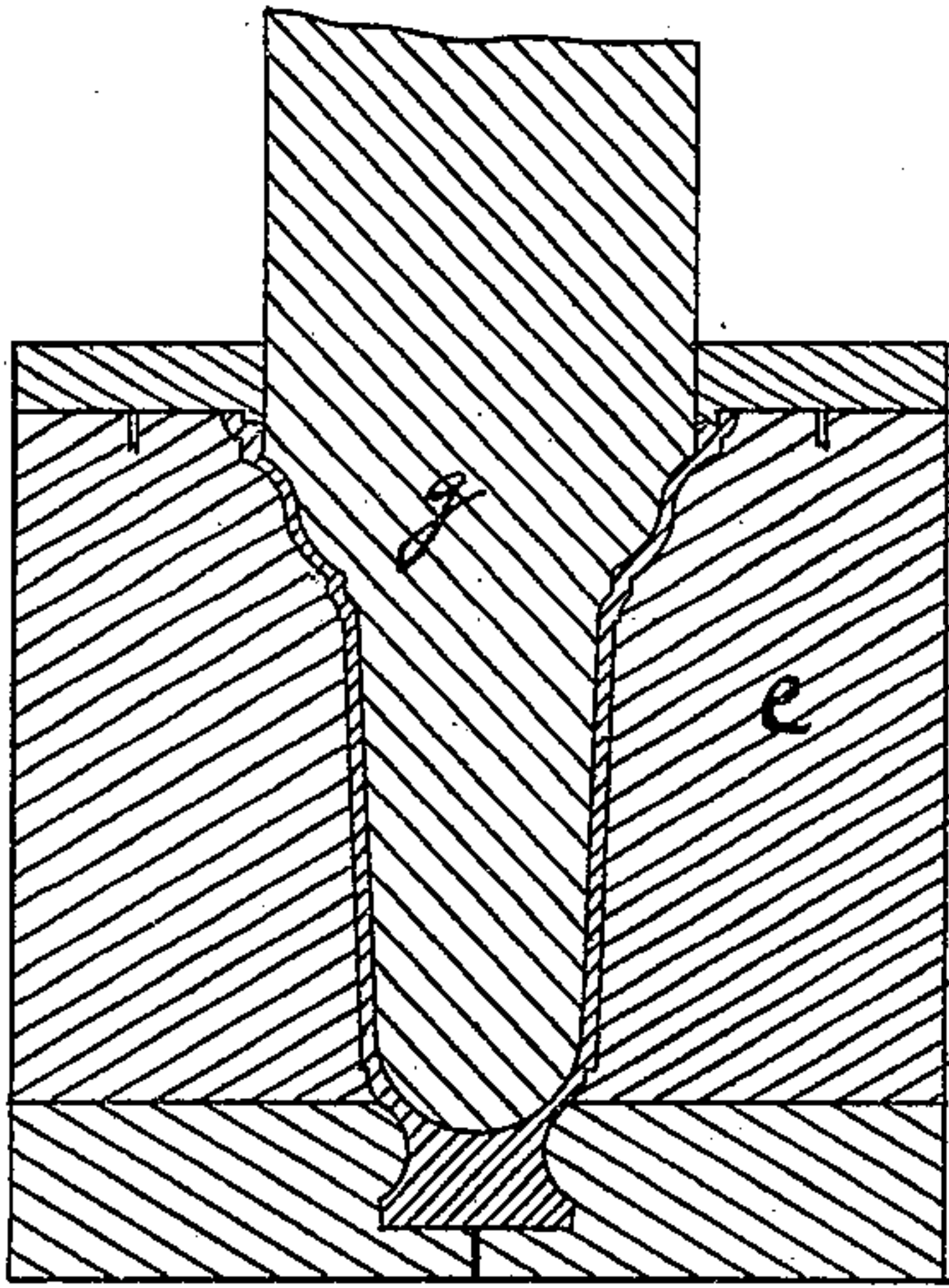


Fig. 1.

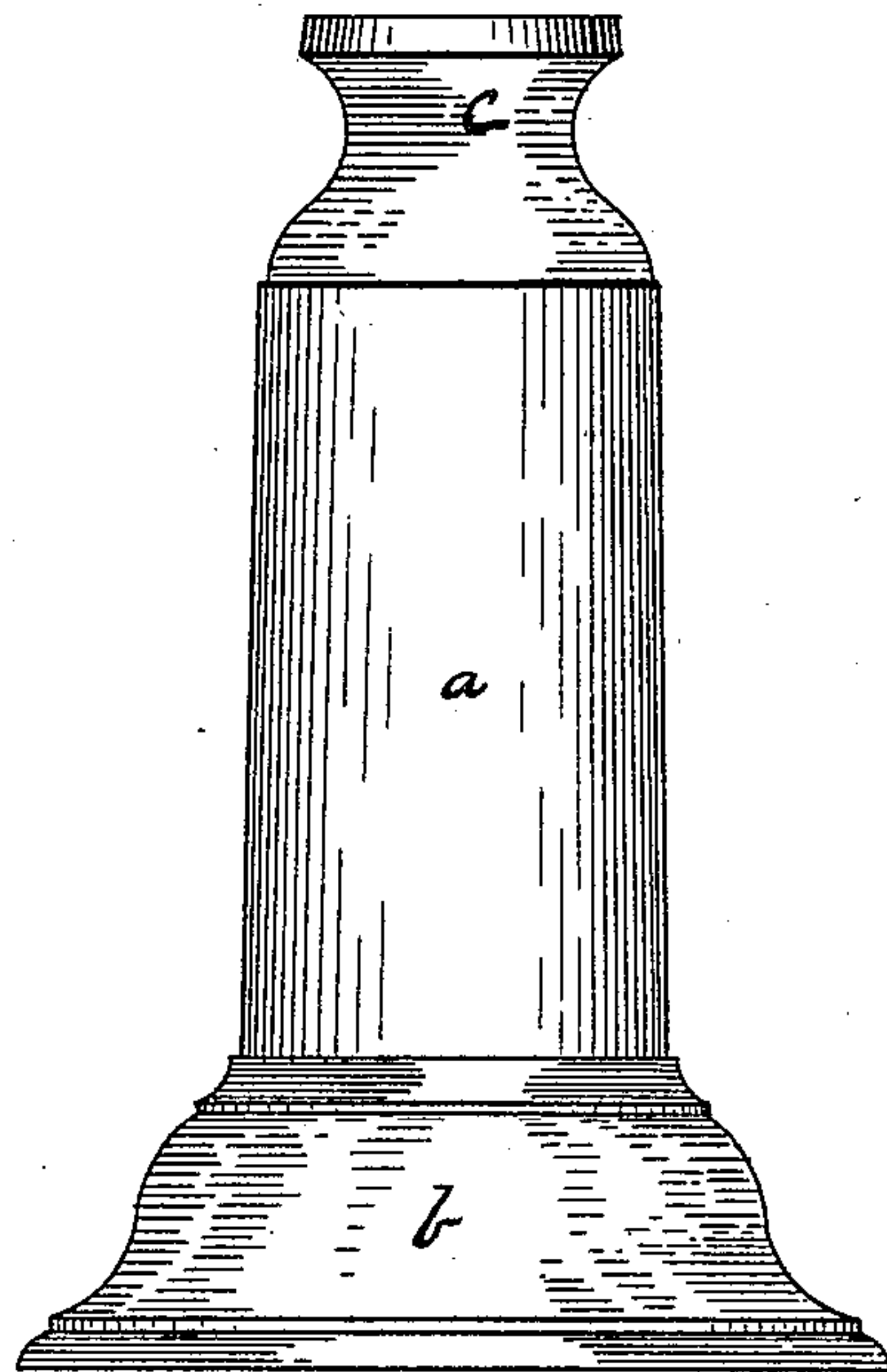


Fig. 2.

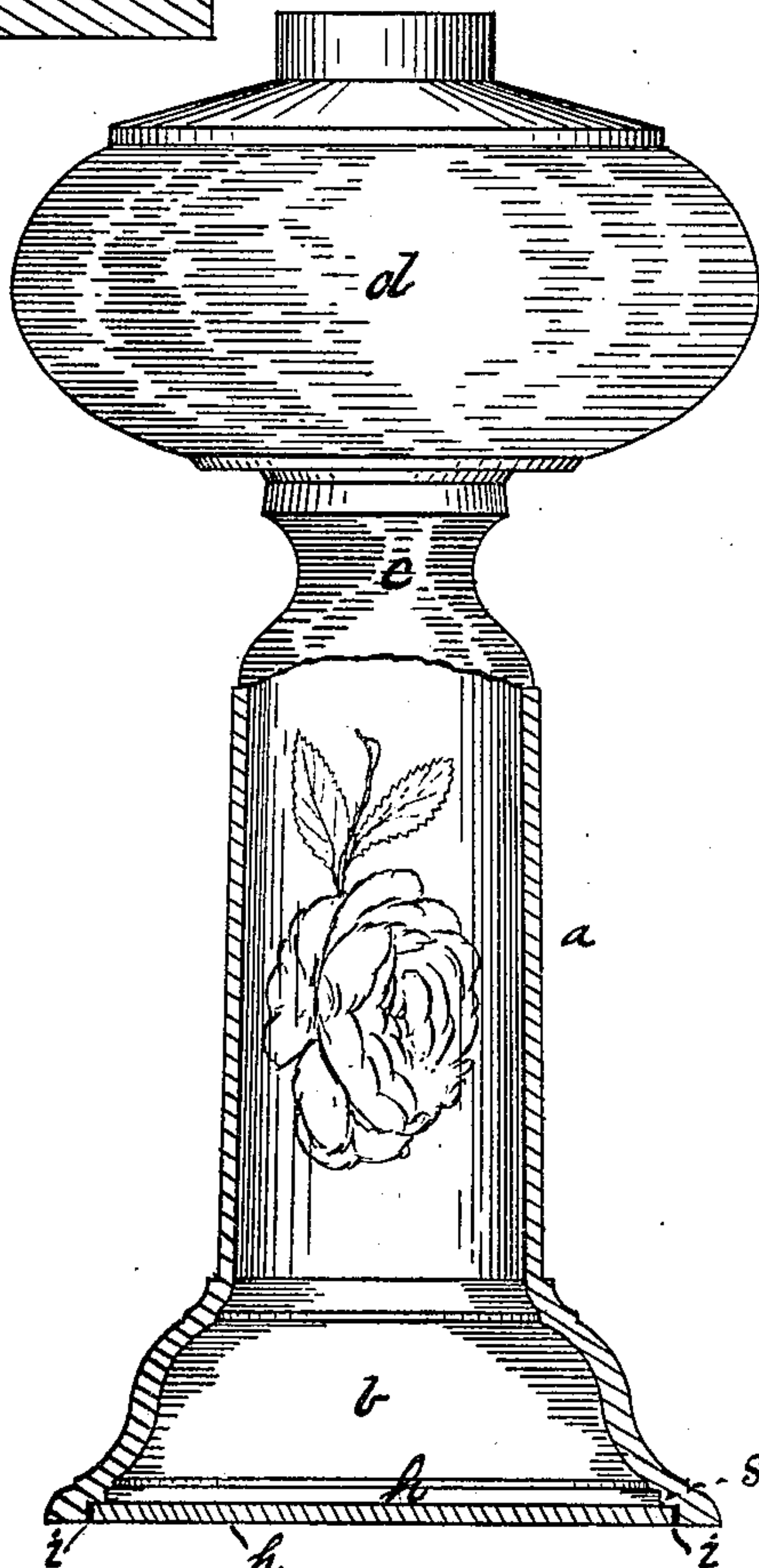


Fig. 3.

Witnesses—
Jno. Smith
L. C. Fittler.

Inventor
Daniel C. Ripley
by his attys
Bakerwell & Herr

UNITED STATES PATENT OFFICE.

DANIEL C. RIPLEY, OF PITTSBURG, PENNSYLVANIA.

HOLLOW-STEM LAMP.

SPECIFICATION forming part of Letters Patent No. 249,676, dated November 15, 1881.

Application filed July 5, 1881. (Model.)

To all whom it may concern:

Be it known that I, DANIEL C. RIPLEY, of
Pittsburg, in the county of Allegheny and State
of Pennsylvania, have invented a new and
5 useful Improvement in Hollow-Stem Lamps;
and I do hereby declare the following to be a
full, clear, and exact description thereof.

My invention relates to the construction of
ornamented or decorated pedestals for lamps
10 and like articles.

Heretofore, so far as I am aware, the column,
stem, or pedestal of this class of decorated
ware has been formed independently or sepa-
rately from the foot or base, and in the shape
15 of a hollow cylinder, which, after having been
decorated or ornamented upon its inner sur-
face, has been united to bowl and foot or base
by metal collars, center rods or bolts, and like
devices, the foot or base piece being usually
20 of metal, though sometimes of other material.
The objections to such a construction are the
cost of production, the lack of stability of the
union between the parts, and the number of
joints which admit fluids to the hollow stem,
25 resulting in the injury of the decorations.

The object of my invention is to overcome
these objections; and to this end it consists
in forming the column or stem of substantially
uniform thickness throughout to admit of the
30 application of interior decoration and the dis-
play thereof, and integral with the foot or
base, which latter is closed by a disk that may
be cemented or otherwise secured, so as to her-
metically close the cavity and protect the or-
35 namentation, all as will hereinafter more fully
appear.

To enable others skilled in the art to make
and use my invention, I will now describe it
by reference to the accompanying drawings, in
40 which—

Figure 1 shows, by a vertical section, the
method of forming my improved hollow pedes-
tal and foot. Fig. 2 is a side elevation of the
same after it has been formed; and Fig. 3 is
45 a side view of the lamp, with the pedestal shown
in sections.

Like letters of reference indicate like parts
in each.

The pedestal *a* is hollow, preferably of cylin-
50 drical form, and slightly tapering to permit of

its being pressed; has walls of uniform, or
nearly uniform, thickness throughout, to admit
of a proper display of the decoration, which is
applied to the inner surface of the pedestal,
and is formed integral with the base or foot *b*, 55
and with a peg, *c*, for the attachment of the
lamp-bowl *d*. A shoulder or seat, *s*, is usually
formed on the interior of the base or foot for
the reception of a disk or plate which closes
the bottom of the pedestal. 60

h indicates the bottom disk for closing the
cavity of the stem and foot, which, when in
position, rests against the shoulder or seat *s*,
and is secured by cement or in other suitable
manner. The stem or pedestal and foot are 65
formed in one in suitable molds *e* by means of
the plunger *g*, being pressed from the bottom.
After being properly annealed, the pedestal *a*
is decorated on the inside by any of the pro-
cesses of decoration known in the arts. The 70
bowl *d* is attached to the pedestal by means
of a ferrule or otherwise, or by being blown
upon the pedestal *a* in the process of manu-
facture, and the open lower end of the pedes-
tal *a* is closed by means of a suitable disk, *h*, 75
which may be secured by cement *i*, or by means
of a bolt extending down through the center
of the pedestal, or in any other suitable man-
ner: Where the rod or bolt fastening is adopted
it would be well to use a packing or cement to 80
exclude moisture and secure a tight joint be-
tween the disk and pedestal. The purpose of
this is to close the center of the hollow pedes-
tal, so that the decoration therein shall not be
destroyed or mutilated or in any way hurt or 85
affected by the use or cleaning of the lamp.
Hence I prefer to make the joint between the
disk *h* and the sides of the pedestal water-
tight.

The advantages of this construction are that 90
the pedestal is easily and quickly made, that
it is more easily decorated, that the lamp is
cheaper and equally as handsome as those
heretofore made, in which the pedestal was
separate from the foot, and that the device or 95
disk for closing the lower end of the pedestal
is easily and quickly put in place.

I am aware that a hollow stem and foot or
base formed in a single piece is not new, and
do not claim the same, for as heretofore con- 100

structed the stem or pedestal was not adapted to display internal decoration, and the cavity was not closed by a disk to protect any ornamentation which might have been applied thereto. Therefore

What I claim as my invention, and desire to secure by Letters Patent, is—

A transparent pedestal and base or foot formed in a single piece, the walls of the pedestal being of substantially uniform thickness throughout, and adapted to display internal

decoration or ornamentation, in combination with a disk or plate adapted to hermetically close the pedestal and foot in order to protect any ornamentation applied to the inner surface of the pedestal, substantially as specified.

In testimony whereof I have hereunto set my hand.

DANIEL C. RIPLEY.

Witnesses:

T. B. KERR,

JNO. K. SMITH.