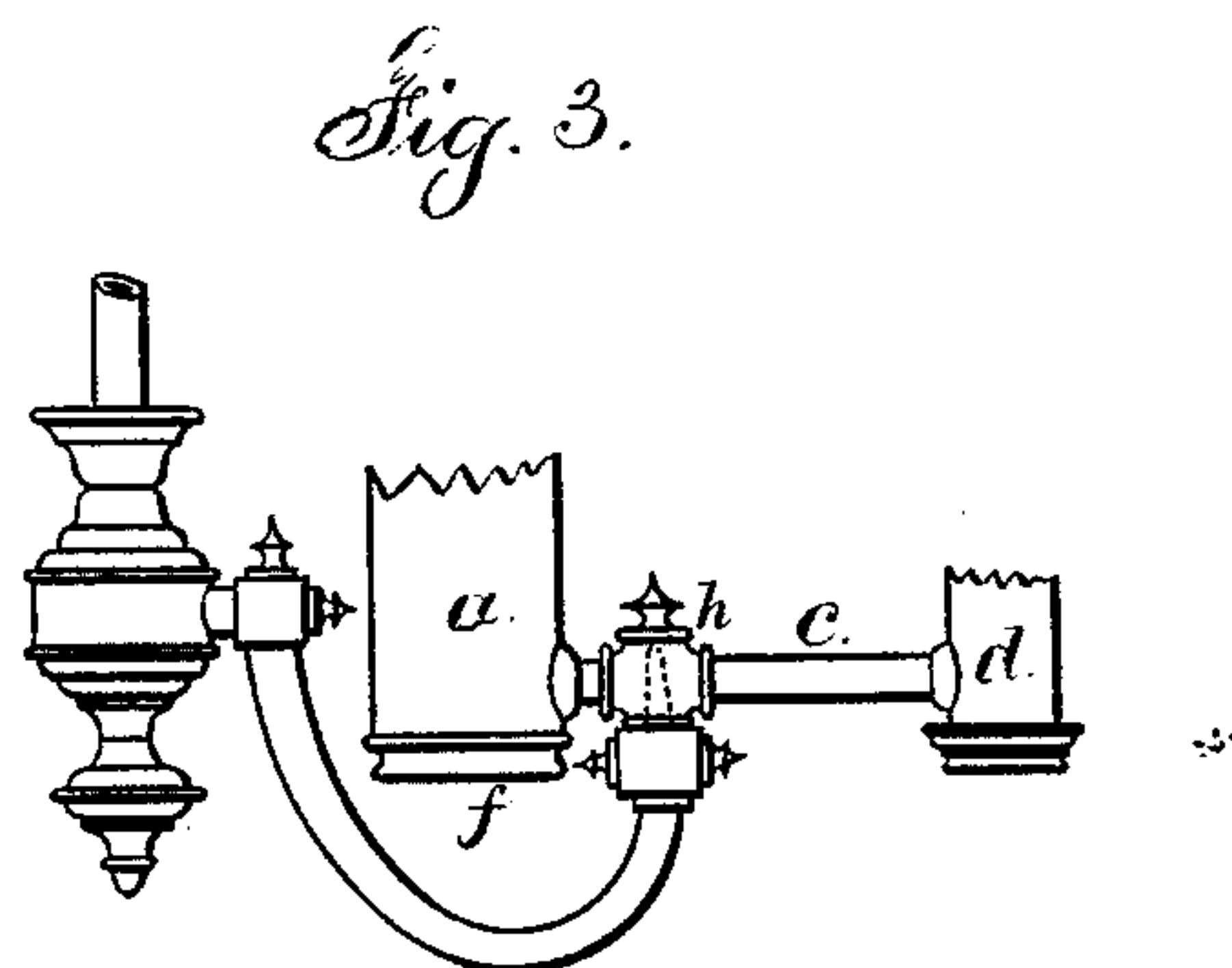
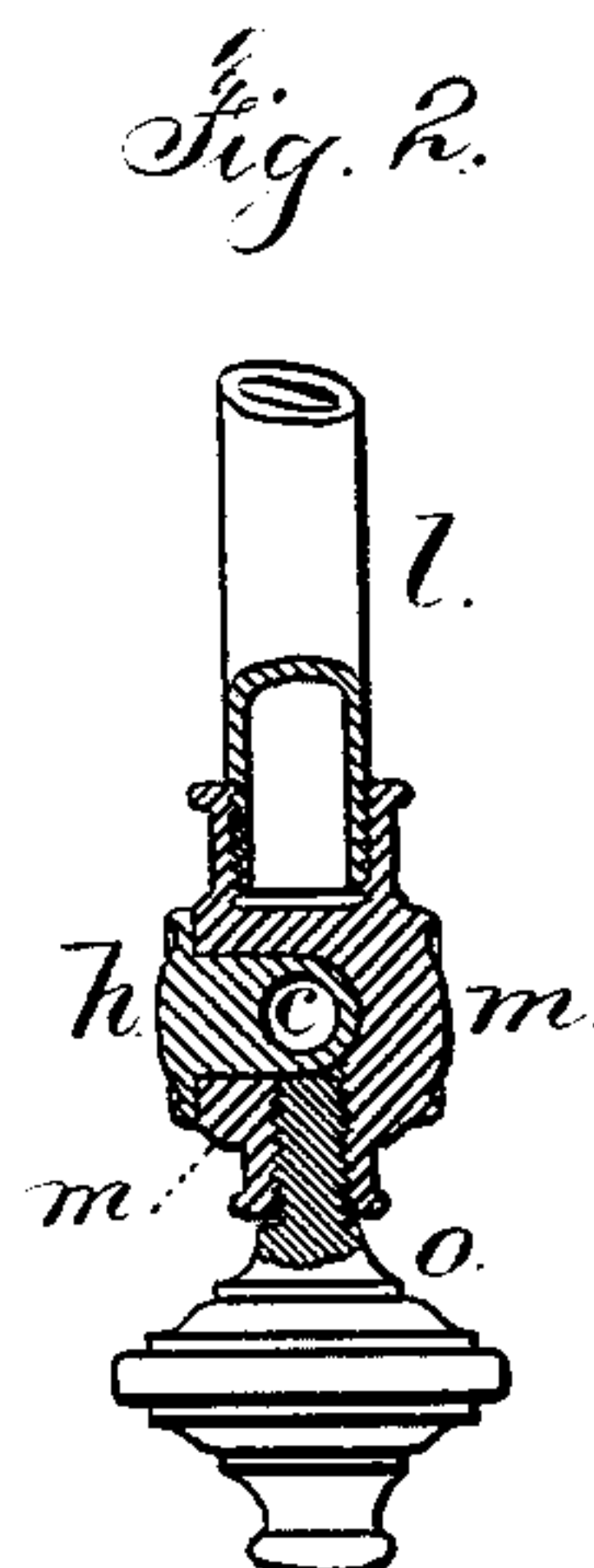
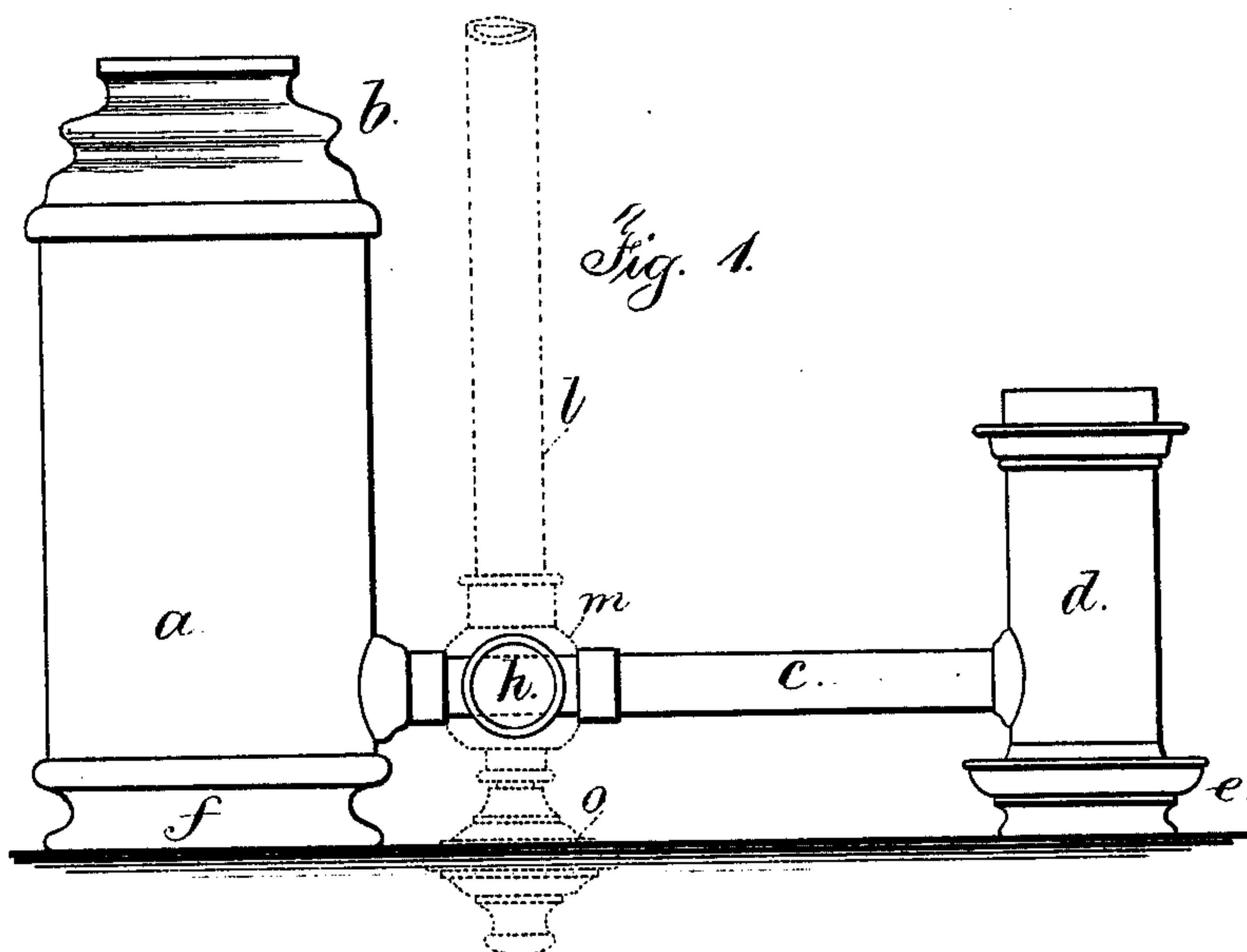


F. W. PLATT.
Student Lamp.

No. 200,933.

Patented March 5, 1878.



Witnesses.

Charles H. Smith
William S. Mott

Inventor

Francis W. Platt.

per Lemuel W. Serrell
att'y

UNITED STATES PATENT OFFICE.

FRANCIS W. PLATT, OF WATERBURY, CONN., ASSIGNOR TO HIMSELF AND THE
PLUME & ATWOOD MANUFACTURING COMPANY, OF SAME PLACE.

IMPROVEMENT IN STUDENT-LAMPS.

Specification forming part of Letters Patent No. **200,933**, dated March 5, 1878; application filed
September 17, 1877.

To all whom it may concern:

Be it known that I, FRANCIS W. PLATT, of Waterbury, in the State of Connecticut, have invented an Improvement in Student-Lamps, of which the following is a specification:

In lamps that are usually known as the "student" or "German study lamp," the fountain is connected to the wick-tube or wick-holder by a pipe, and the supporting-standard is between the fountain and the burner, and the connection has generally been by a tube that slides over the standard, and is provided with a clamping-screw. These parts are inconvenient to disconnect, and when the fountain and the burner are separated from the standard they are not adapted to stand alone while being cleaned or trimmed.

My invention relates to a lamp made with the bottom of the fountain at the same level as the bottom of the burner-case or drip-cup, and both forming a base for the lamp to stand upon a table or other support while being cleaned, trimmed, or lighted, in combination with a connection for the standard or support applied between the fount and the burner. I also employ a peculiar connection for the standard, that renders it unnecessary to employ a vertical tube and clamping-screw. This is especially useful in drop-lights, bracket-lights, and chandeliers, because it is preferable to remove the entire lamp for trimming, cleaning, and lighting.

In the drawing, Figure 1 is a side view of the fount and wick-holder. Fig. 2 is a section of the standard and its clamp, and Fig. 3 is an elevation of the lamp upon a bracket or chandelier-arm.

The fountain *a* receives the inverted oil-holding reservoir *b*, and from the lower part of the fountain *a* there is a pipe, *c*, passing to the wick-holding tube *d*. These parts are of any desired construction, and do not require further description. I remark that the burner may be an Argand or a flat wick.

At the bottom of the wick-holding tube *d* is a base, *e*, which, with an Argand burner, will generally be made hollow, to form the

drip-cup. The bottom of the reservoir *a* also terminates as a base, *f*, either made of the metal of the reservoir or attached to the same, and the bottom of *e* and *f* are in the same plane, or nearly so, in order that the lamp may stand firmly when detached from its standard, as illustrated in Fig. 1.

The before-described improvement is available with any character of standard or support applied to the tube *c* between the fountain and burner. I prefer and use the device shown in Figs. 1 and 2, in which the tube *c* passes through a block, *h*, that projects at one side of such tube *c*, and is permanently fastened to the same. Upon the standing or hanging standard *l* there is a jaw, *m*, with an opening at one side, adapted to receive into it the block *h*, and the screw *o* serves to clamp and hold the block within the jaw. These parts are made more or less ornamental in their exterior configuration, so that when placed together there appears to be a metallic ornament at the junction of the standard *l* and tube *c*.

By loosening the screw *o*, the block *h* can be removed laterally from the jaw; but while the parts are together and clamped they are very firm and reliable.

The ornament upon the tube *c* might be adapted to sit over a pin or a gas-burner upon an arm, as seen in Fig. 3.

I claim as my invention—

1. In a student-lamp provided with a supporting device between the fountain and burner, the base *f* of the fountain and the base *e* of the wick-holding tube at the same level, or nearly so, for the purposes and substantially as set forth.

2. The block *h* and jaw *m*, in combination with the reservoir *a*, tube *c*, and wick-holding tube *d*, substantially as set forth.

Signed by me this 12th day of September, A. D. 1877.

F. W. PLATT.

Witnesses:

FRANKLIN L. WILTON,
F. H. LAFORGE.