

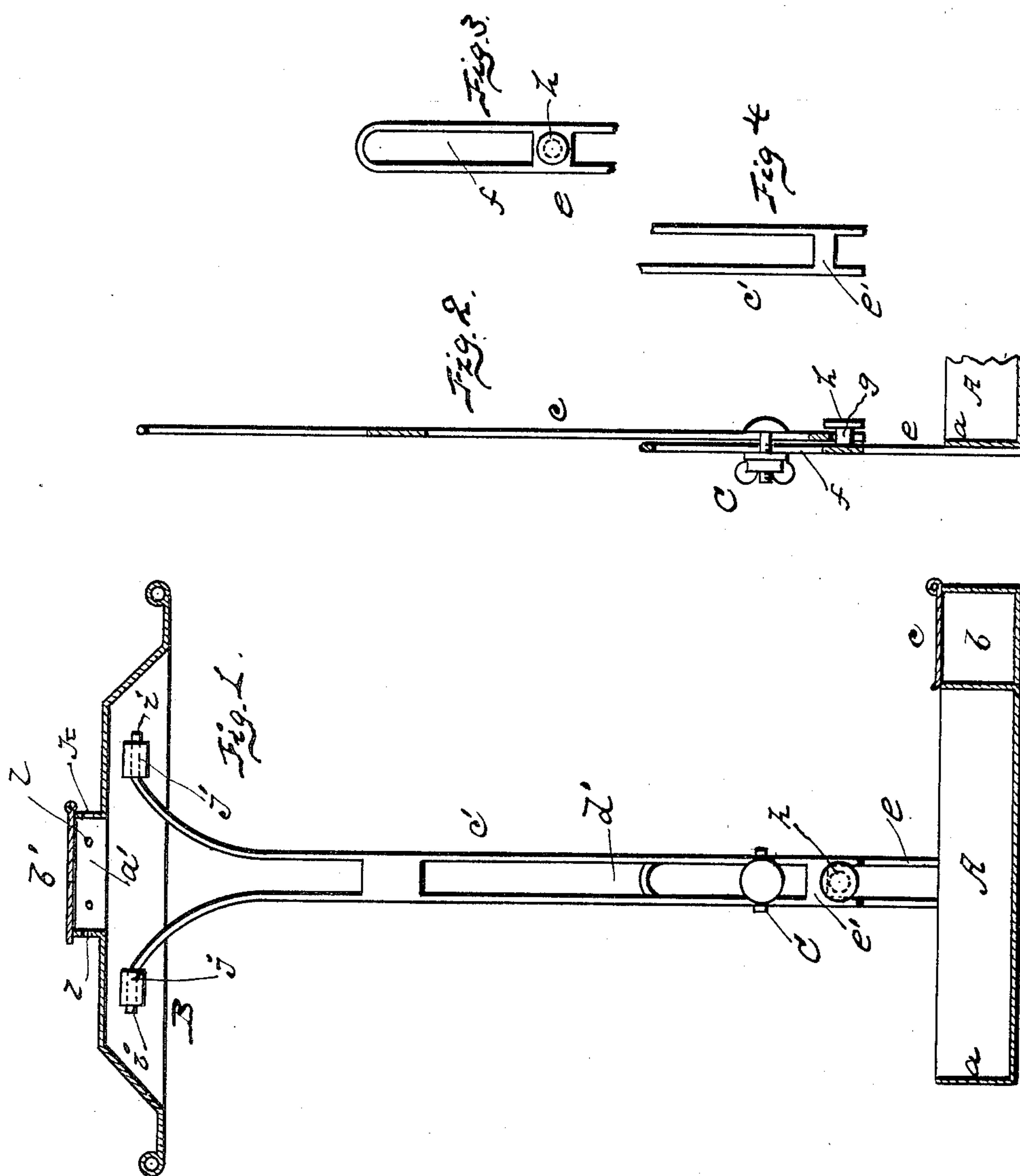
(No Model.)

2 Sheets—Sheet 1.

F. GOLDSMITH.
ATTACHMENT FOR LAMPS.

No. 324,933.

Patented Aug. 25, 1885.



WITNESSES
Chas. Stuart
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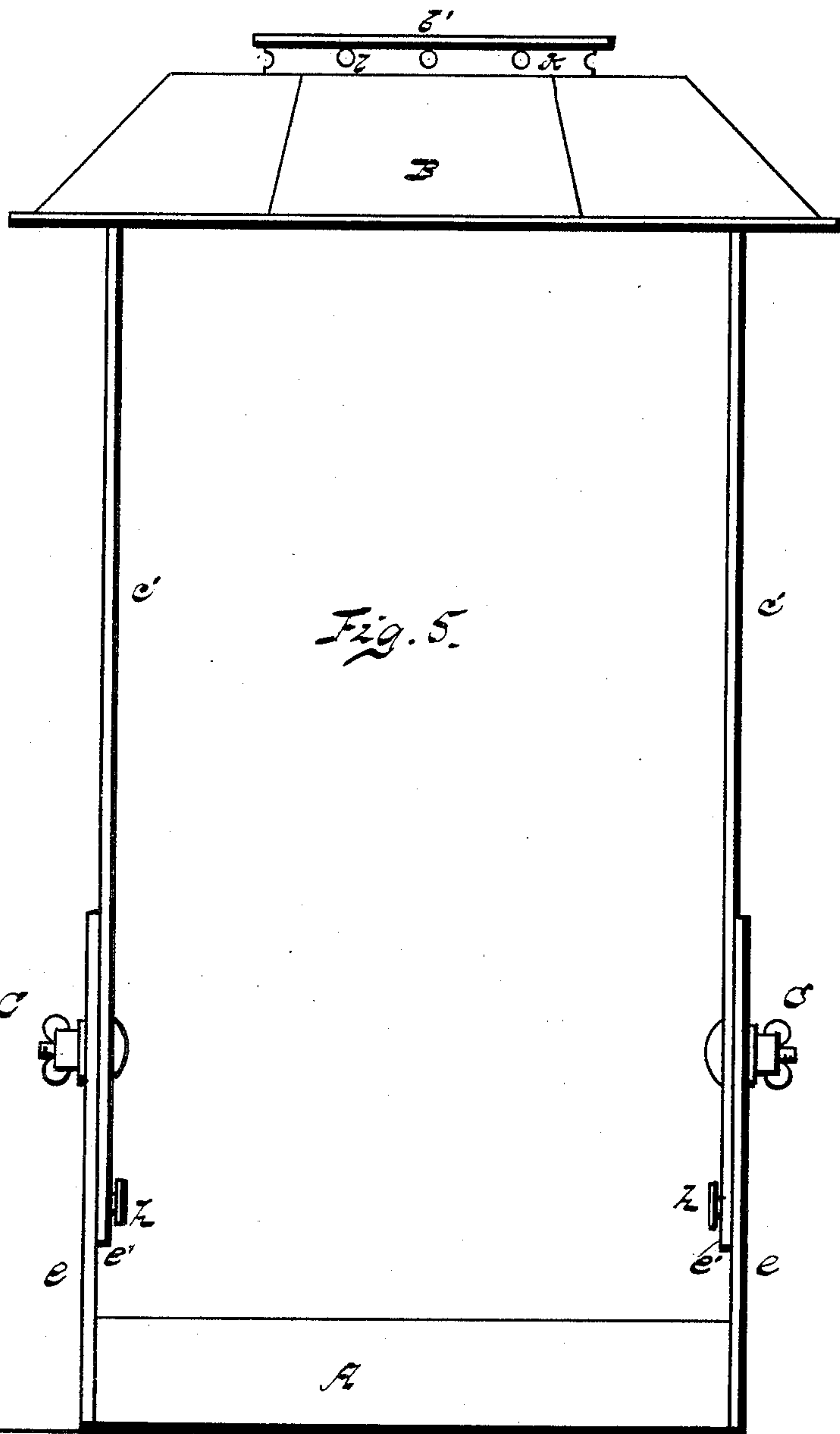
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WITNESSES

Frank Beane

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UNITED STATES PATENT OFFICE.

FERDINAND GOLDSMITH, OF SAGINAW, MICHIGAN, ASSIGNOR OF ONE-HALF TO JAMES W. PERRIN, OF SAME PLACE.

ATTACHMENT FOR LAMPS.

SPECIFICATION forming part of Letters Patent No. 324,933, dated August 25, 1885.

Application filed May 22, 1885. (No model.)

To all whom it may concern:

Be it known that I, FERDINAND GOLDSMITH, a citizen of the United States, residing at Saginaw, in the county of Saginaw and State of Michigan, have invented certain new and useful Improvements in Attachments for Lamps, of which the following is a specification, reference being had therein to the accompanying drawings.

10 This invention has relation to improvements in attachments for lamps; and it consists in the construction and novel arrangement of devices, as will be hereinafter set forth.

15 The annexed drawings, to which reference is made, fully illustrate my invention, in which—

20 Figure 1 is a vertical sectional view of my device. Fig. 2 is a vertical sectional view of one of the standards and part of the base A, and Figs. 3 and 4 are detail views. Fig. 5 is a front view of my device.

25 Referring by letter to the accompanying drawings, A designates the base of the device, which is designed to receive the lamp, and is provided with a vertical flange, *a*, to the outside of which is a receptacle, *b*, for matches, having a lid, *c*, for covering the receptacle. Arising from the base are standards *e*, which are slotted at *f*, and are also provided with inwardly-projecting pins or lugs *g*, having the head *h*, for a purpose hereinafter set forth.

30 B indicates a shade or reflector, which is provided with a central opening, *a'*, provided with the flange *k*, having perforations *z*, and having pivoted thereto a plate, *b'*, which is designed to cover the opening when desired.

35 Removably secured to the shade or reflector are depending spring-arms *e'*, which are slotted at *d'*, the extreme ends *e'* of which are forked to engage the pins or lugs on the standards, and the ends *i* of which are bent in a horizontal position, to engage bearings *j* on the under side of the shade, into which they are sprung by the elasticity of the arm *e'*.

40 A thumb-screw, C, is passed horizontally through the slots in the standards and depend-

ing arms, whereby the latter may be held firmly together.

It will be observed from the above description and by reference to the annexed drawings that my device serves as a shade, by adjusting the upper portion to any desired angle and binding it in position by the thumb-screws, and also as a reflector; and when it is desired to heat water, &c.—for instance, in sick-room—the pivoted plate is turned to one side of the openings in the shade; the depending arms arranged in a vertical position, the reflector thereby being horizontal, a vessel containing the food or water to be heated can be placed on the top of the shade, over the opening and directly over the lamp-flame. At the same time the forked ends of the arms engage the pins. The thumb-screws made tight cause the standards and arms to remain rigid with one another, and it is durable, easily manipulated, and cheap to manufacture.

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

1. The base provided with the slotted standards and pins, and the shade having depending arms provided with slotted and forked ends to engage said pins, and provided with the thumb-screws passing through said slots, as and for the purposes set forth.

2. The attachment described for lamps, consisting of the shade B, having the central opening, *a'*, and cover *b'*, and provided with the bearings *j*, the standards having the spring-arms to engage said bearings, and provided with the slot *d'* and forked end *e'*, the base A, provided with the slotted arm *e* and lug *g*, and the thumb-screws C, substantially as and for the purpose set forth.

In testimony whereof I affix my signature in presence of two witnesses.

FERDINAND GOLDSMITH.

Witnesses:

LOUIS C. OTT,
FRANK S. PEET.