

(No Model.)

H. C. GOODRICH.
CURLING IRON HEATER FOR LAMPS.

No. 526,391.

Patented Sept. 25, 1894.

Fig. 1.

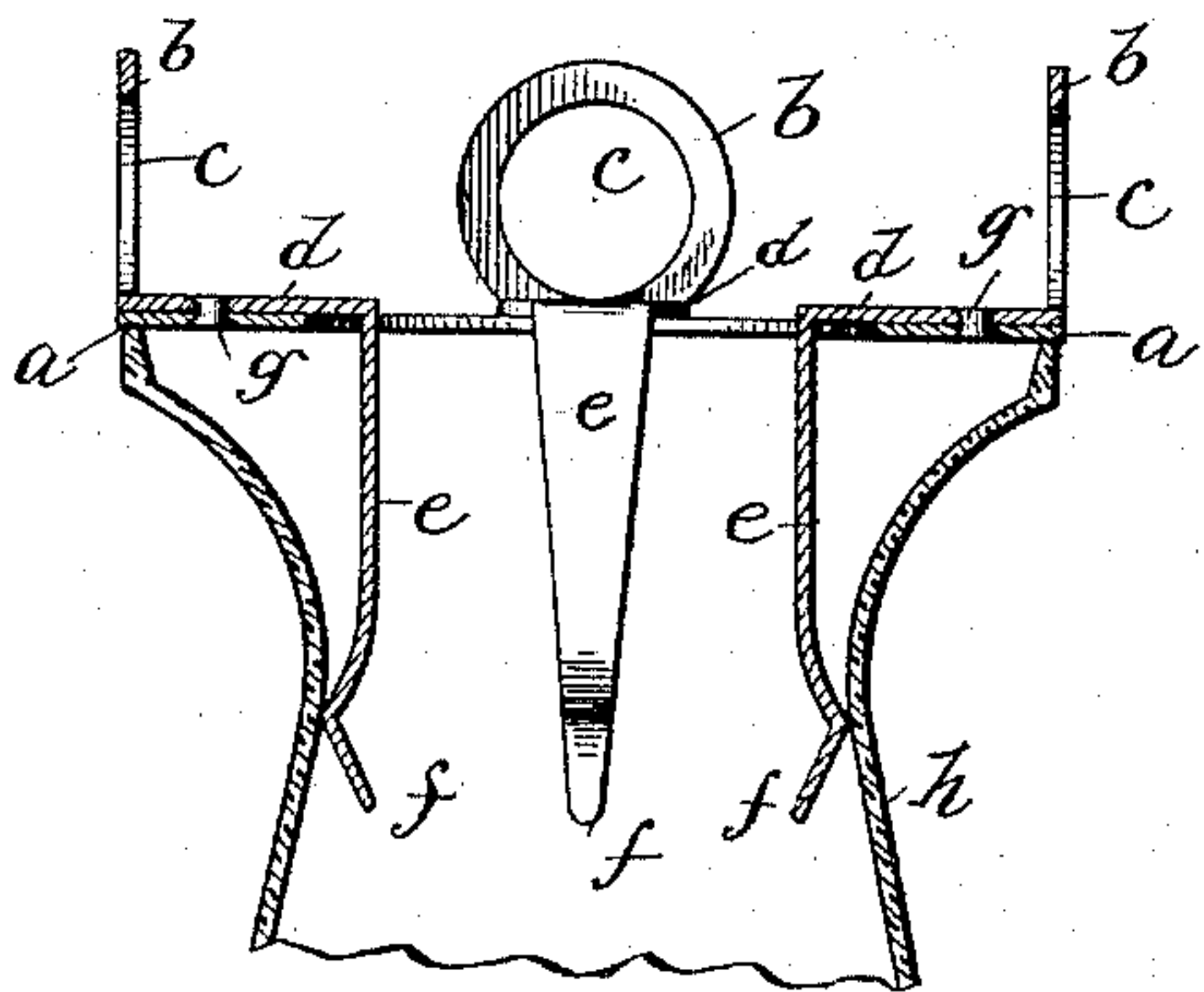


Fig. 2.

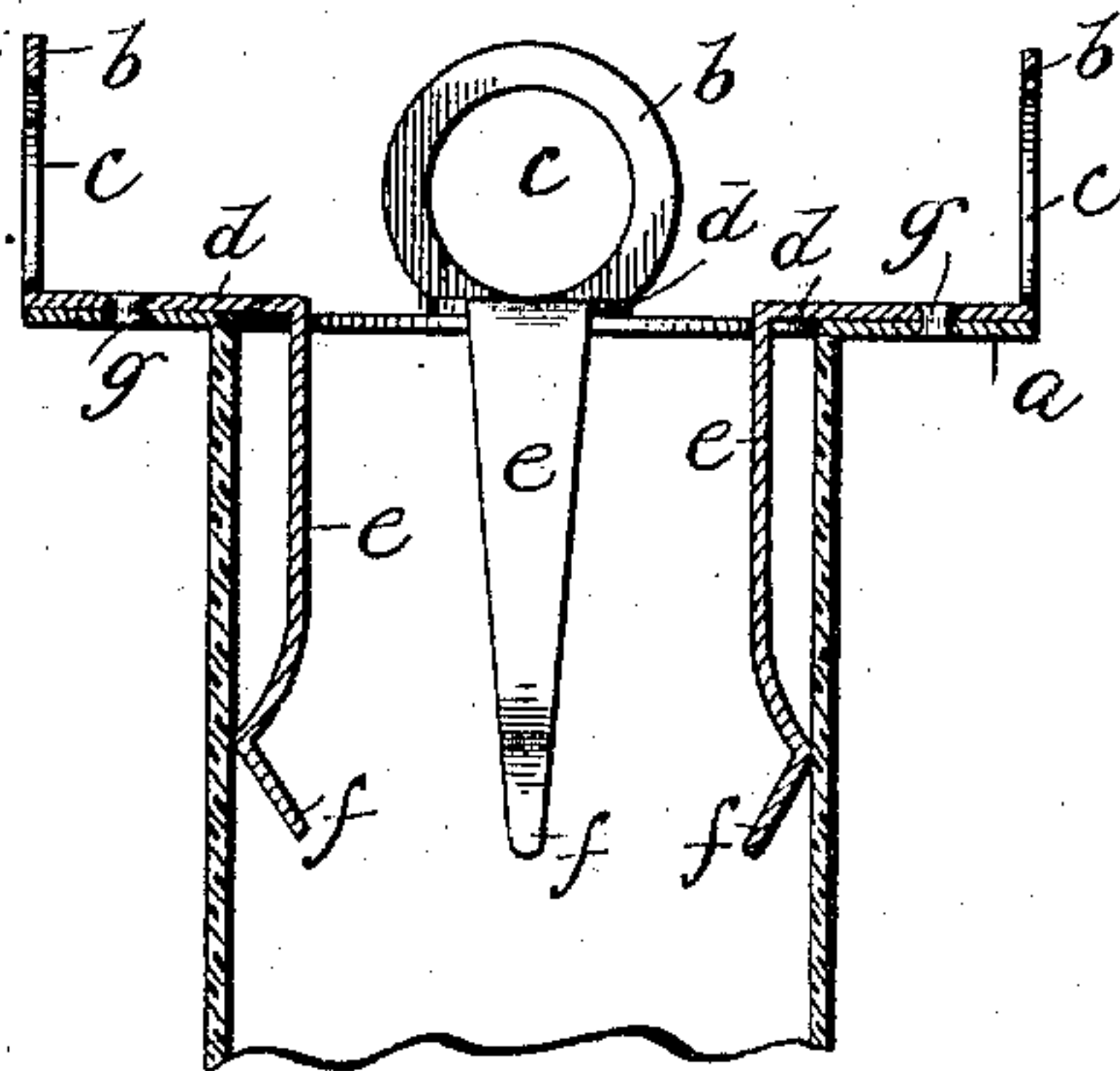
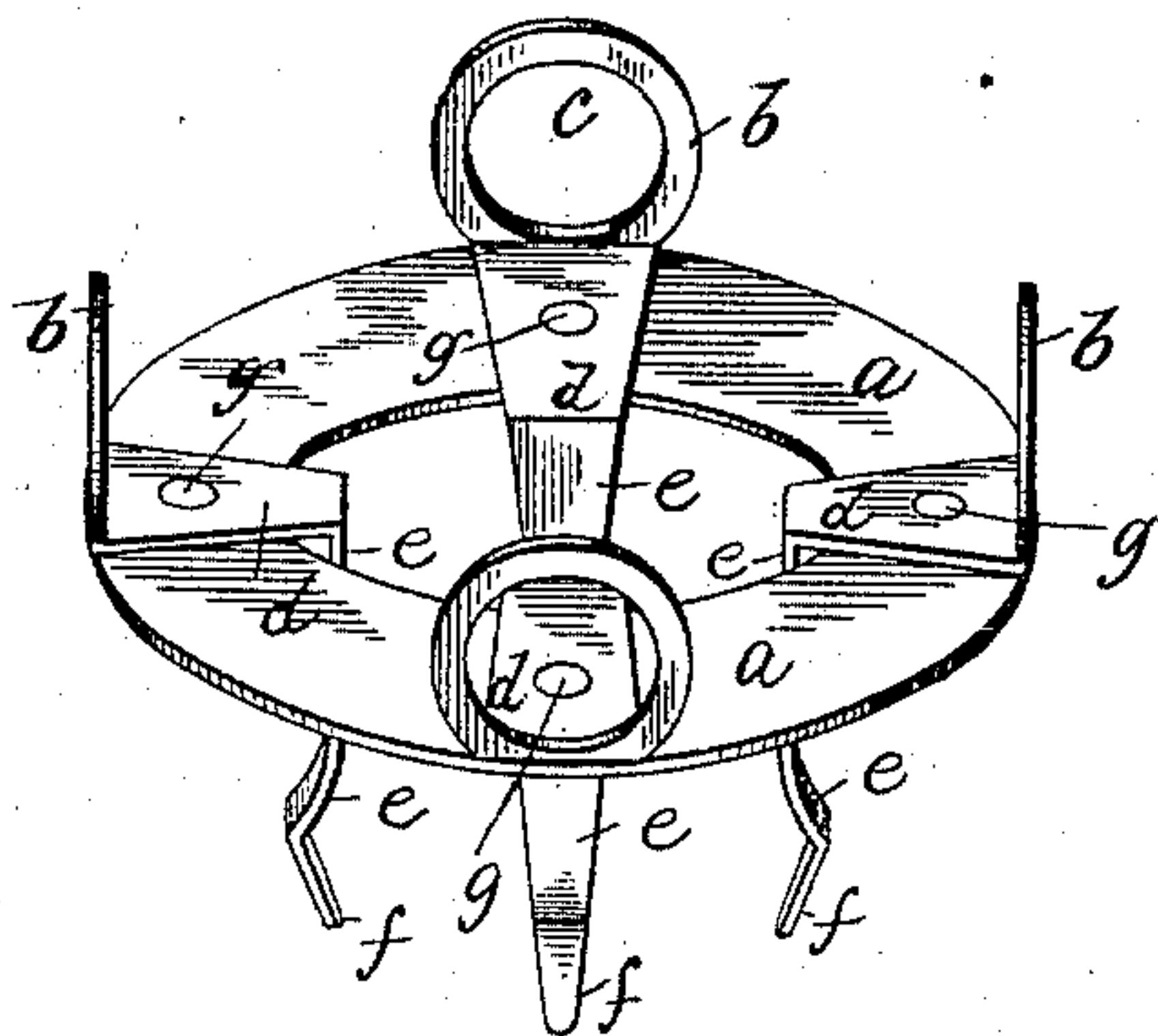


Fig. 3.



Witnesses:
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UNITED STATES PATENT OFFICE.

HARRY C. GOODRICH, OF CHICAGO, ILLINOIS.

CURLING-IRON HEATER FOR LAMPS.

SPECIFICATION forming part of Letters Patent No. 526,391, dated September 25, 1894.

Application filed January 5, 1893. Renewed July 14, 1894. Serial No. 517,613. (No model.)

To all whom it may concern:

Be it known that I, HARRY C. GOODRICH, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Curling-Iron Heaters for Lamps; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it pertains to make and use the same, reference being had to the accompanying drawings, forming a part hereof, in which—

Figure 1, is a sectional elevation showing the heater applied to a chimney, with a flaring top; Fig. 2, a sectional elevation showing the heater applied to a chimney with a straight top; Fig. 3, a perspective view of a heater.

The object of this invention is to construct a heater to be located on the top of a lamp chimney, for the purpose of holding a curling iron or other object, so as to receive the full benefit of the heat on the iron, without transmitting heat to the handle of the iron, and which can also be used for the purpose of sustaining a receptacle or dish to heat water, fluid, or other substance, and its nature consists in the several parts and combination of parts hereinafter described and pointed out in the claims as new.

In the drawings,—*a* represents a rim or ring which is adapted to rest upon the upper edge of a lamp chimney, which ring is provided with a central hole to permit the passage of the heat. The outer edge of said ring is preferably annular, as shown, but it may be made of any other suitable form.

b is an ear support, preferably four ears being provided, although two or more may be used depending upon the purpose for which the heater is intended to be used. In case it is to be used for heating curling irons only, two of said ears would be provided, placed opposite each other, but if it should be desired to use the heater for supporting a dish or receptacle three or more could be provided. Each ear *b* is provided with an opening *c* as shown in the drawings.

The ears *b* are preferably secured to base plates *d*, which base plates form a means of attachment to the rim or ring *a*, but if desired, instead of forming separate base plates *d*, the

ears *b* may be formed integral with the ring *a*, or be otherwise secured thereto.

e indicates spring arms, which are secured to the base plates *d* and depend therefrom, extending down into the top of a chimney on the inside, as shown in Fig. 1. Instead of forming the spring arms *e* as shown they may be made integral with the ring *a*, or may be otherwise secured thereto.

f indicates the bearing ends for the spring arms *e*, by means of which a sufficiently firm contact is had with the chimney to hold the device securely on the top thereof without a pressure sufficient to break or crack the chimney.

g indicates rivets, by means of which the base plates *d* are secured to the ring *a*.

h indicates the lamp chimney.

The opening in the rim or ring *a* is of a sufficient diameter to pass the heat freely, and the rim or ring *a* is of a diameter to furnish a support which will not be overbalanced readily when the curling iron or other device is placed in position for heating, and the openings *c* in the supports *b* are of a sufficient diameter to pass the body of the curling iron, while the ears *b* are of a height to support a dish or receptacle sufficiently above the top of the ring or plate *a* to admit air freely and increase the heating qualities. The springs *e* with their holding ends *f* have sufficient rigidity to retain the heater firmly on the top of the chimney, and at the same time bear against the chimney without injurious effects, and the spring of the arm *e* is sufficient to allow the ready insertion and withdrawal of such springs in attaching and detaching the heater.

In use the heater is placed on top of a chimney by inserting the spring arms *e* within the chimney and when the heater is in place the curling iron is inserted through two companion ears or supports *b* to lie above and across the opening in the rim or ring *a* and in close proximity to such opening, so as to receive the full heat from the lamp, and as the handle of the curling iron lies wholly outside of the line of heat the iron only will be heated while the handle remains cool, so as to be grasped without danger of burning the hand of the user. The iron lying across the top of the chimney will be heated very quickly, and

can be removed by withdrawing it from the supports or ears *b*, and when cool can be re-inserted in the supports or ears and again heated. A dish or receptacle can be placed
5 on top of the ears *b* so as to receive the direct heat from the lamp on the bottom of the dish or receptacle, to heat the contents of such dish or receptacle.

The device is very simple and can be readily applied to or removed from the chimney, and when in use the object to be heated is brought in direct line with the heat, so as to receive the full benefit thereof.

What I claim as new, and desire to secure
15 by Letters Patent, is—

1. The combination in a heater, of a ring or rim, supporting ears arranged in pairs, each ear having an opening for the passage of the object to be heated, and retaining springs for
20 supporting the device as a whole on the top of a chimney, substantially as and for the purposes specified.

2. The combination in a heater, of a ring or rim, supporting ears arranged in pairs, each ear having an opening for the passage of the
25 object to be heated, retaining springs for supporting the device as a whole on the top of a chimney, and a bearing for each of said retaining springs, substantially as and for the purposes specified. 30

3. The combination in a heater, of a ring or rim adapted to rest on the upper edge of a lamp chimney, retaining devices for retaining said rim upon the lamp chimney, and two or
35 more ears rising from said rim and secured thereto, two of said ears being opposite one another, and having holes for the passage of the object to be heated, substantially as described.

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Witnesses:

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FRANK W. ROBINSON.