

(No Model.)

C. E. BARTRAM.
CAMPAIGN TORCH.

No. 319,382.

Patented June 2, 1885.

Fig. 1.

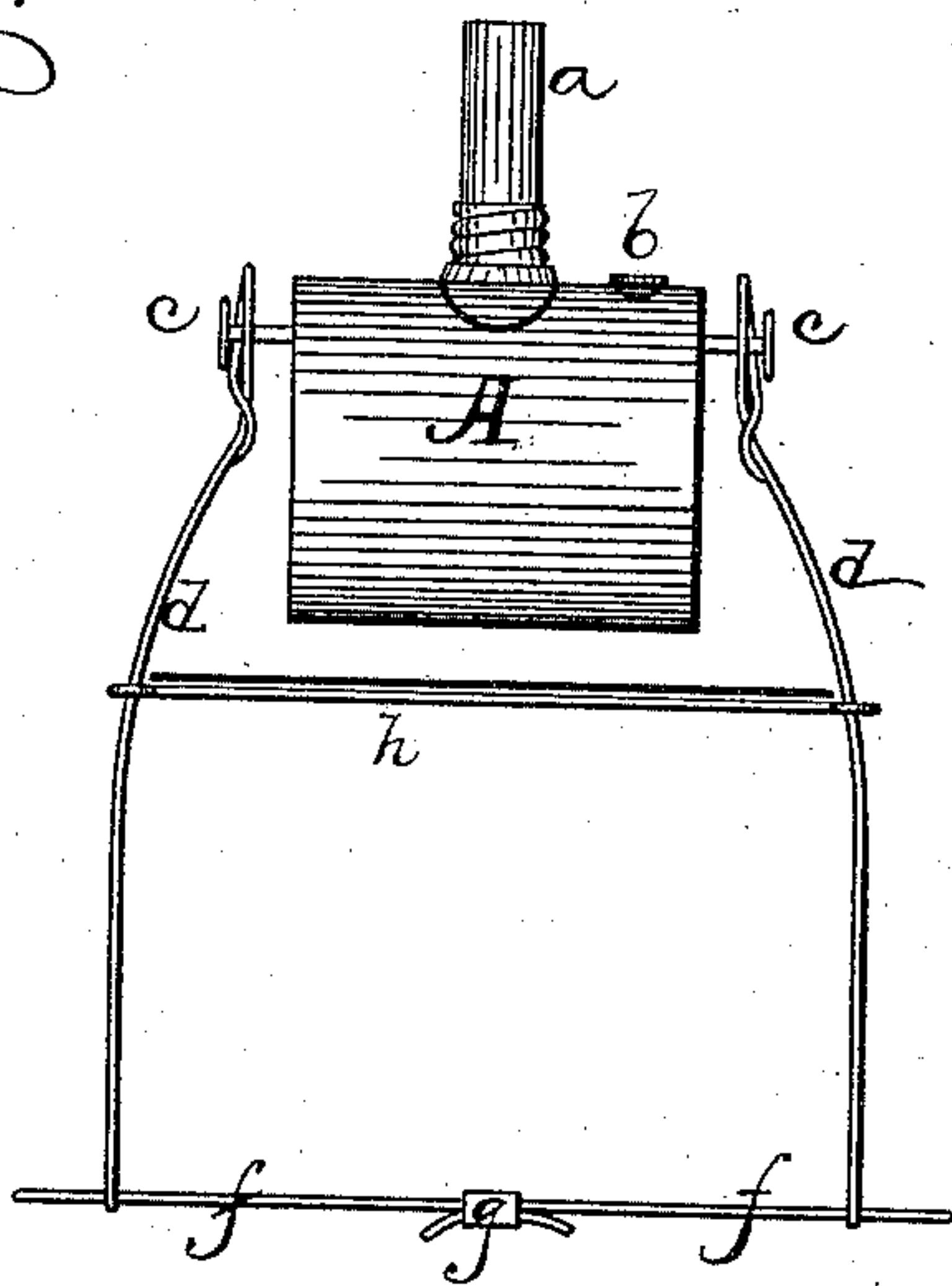


Fig. 3.

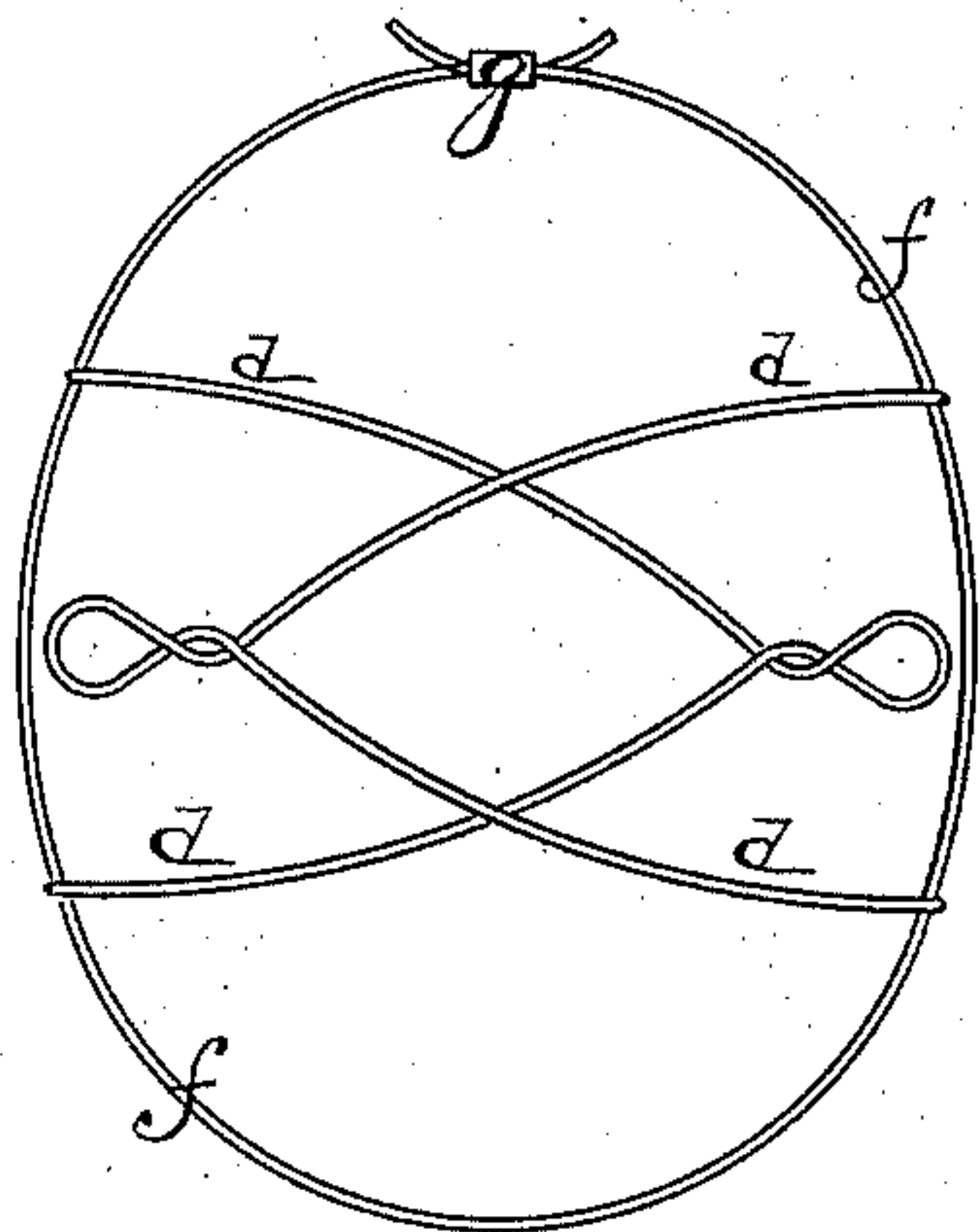


Fig. 2.

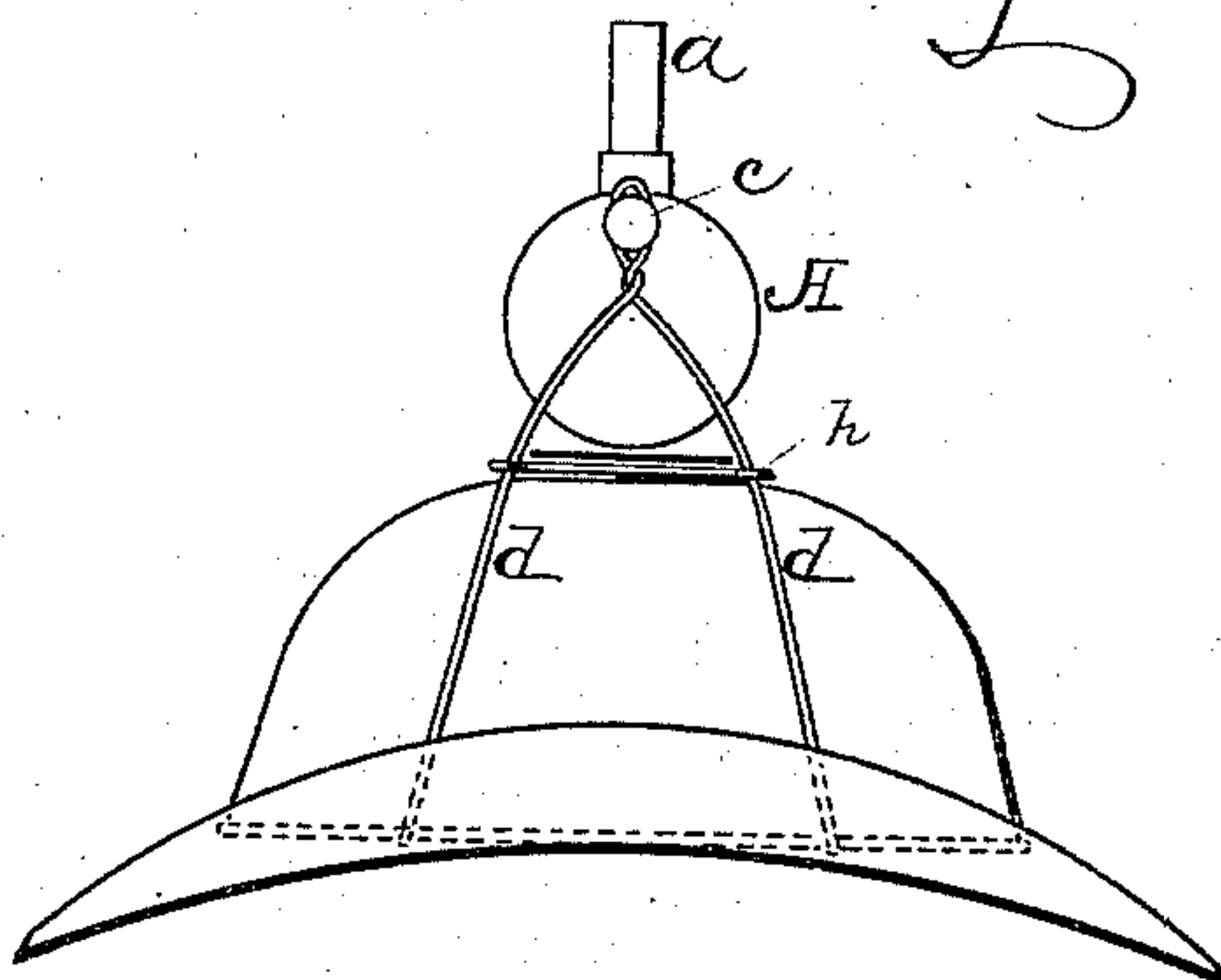
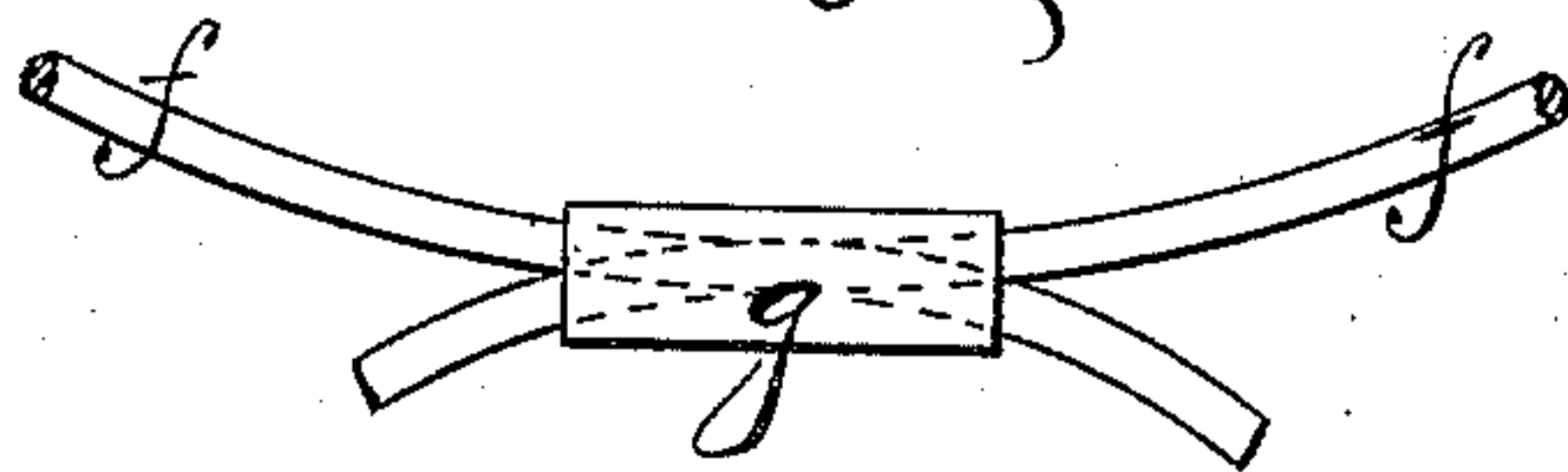


Fig. 4.



Witnesses:
D. H. Garrison.
J. R. Drake.

Chas. E. Bartram,
Inventor, by
J. R. Drake,
Atty.

UNITED STATES PATENT OFFICE.

CHARLES E. BARTRAM, OF FREDONIA, NEW YORK.

CAMPAIGN-TORCH.

SPECIFICATION forming part of Letters Patent No. 319,382, dated June 2, 1885.

Application filed March 31, 1884. (No model.)

To all whom it may concern:

Be it known that I, CHARLES E. BARTRAM, a citizen of the United States, residing at Fredonia, in the county of Chautauqua and State of New York, have invented certain new and useful Improvements in Campaign-Torches, of which the following is a specification, reference being had therein to the accompanying drawings.

10 The object of this invention is to do away, in a measure, with the hand-torches used in processions, &c.; and the invention consists in arranging the oil-receptacle and wick-holder forming the torch in a wire frame that is adjustable on and around a "Derby" or other
15 hat or cap, the torch swinging above the top of the hat. The whole can be removed and the frame folded so as to be put in a pocket or a bag, all as fully hereinafter explained.

20 In the drawings, Figure 1 is front elevation; Fig. 2, a side elevation; Fig. 3, a plan of the frame collapsed, and Fig. 4 a detail of band-fastening.

25 A represents a cylinder oil cup, *a* the wick-holder, and *b* the oil-hole. Fastened at each side of the cylinder is a headed pin, *c c*, (near the upper part,) and these are set in bearings formed by wires *d d* bent into loops. The ends of the wires continued down form side supports, *d d*, and are bent around a foundation-wire, *f*, of an oblong or circular shape, as shown. The two ends of this ring *f* overlap and are confined by a metal band, *g*, which
30 holds them tightly together, but not enough

to prevent their slipping a little to graduate 35 the ring *f* to shorten or enlarge it to fit over and around hats of different sizes. The ends of the ring-wire *f* are bent outward a little, which prevent their slipping through the band *g*. By pressing these ends together the 40 tension of the band is released and the device removed from the hat. The lamp swings by the pins *c c* in the loop-bearings, and is easily removed from them when it is desired to take the device apart, Fig. 3 showing the whole 45 wire frame when flattened or folded.

To prevent oil from the cylinder falling on the hat, I arrange a wire frame, *h*, under it, in connection with the wires *d d*, and on this is fastened a piece of cloth or other material to 50 receive the oil-drippings.

I claim—

1. The combination of the swinging lamp, having the headed pins or rods *c c* in the sides or ends, the side wire standards, *d d*, and the 55 attached metal ring *f*, all arranged substantially as and for the purpose specified.

2. The combination of the oil-lamp, headed pins *c c*, wires *d d*, ring *f*, and the fastening-band *g*, all combined and arranged substan- 60 tially as and for the purpose specified.

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

CHARLES E. BARTRAM.

Witnesses:

J. R. DRAKE,

T. H. PARSONS.