

(No Model.)

E. A. CLINGMAN.
LAMP OVERFLOW PROTECTOR.

No. 581,977.

Patented May 4, 1897.

Fig. 1.

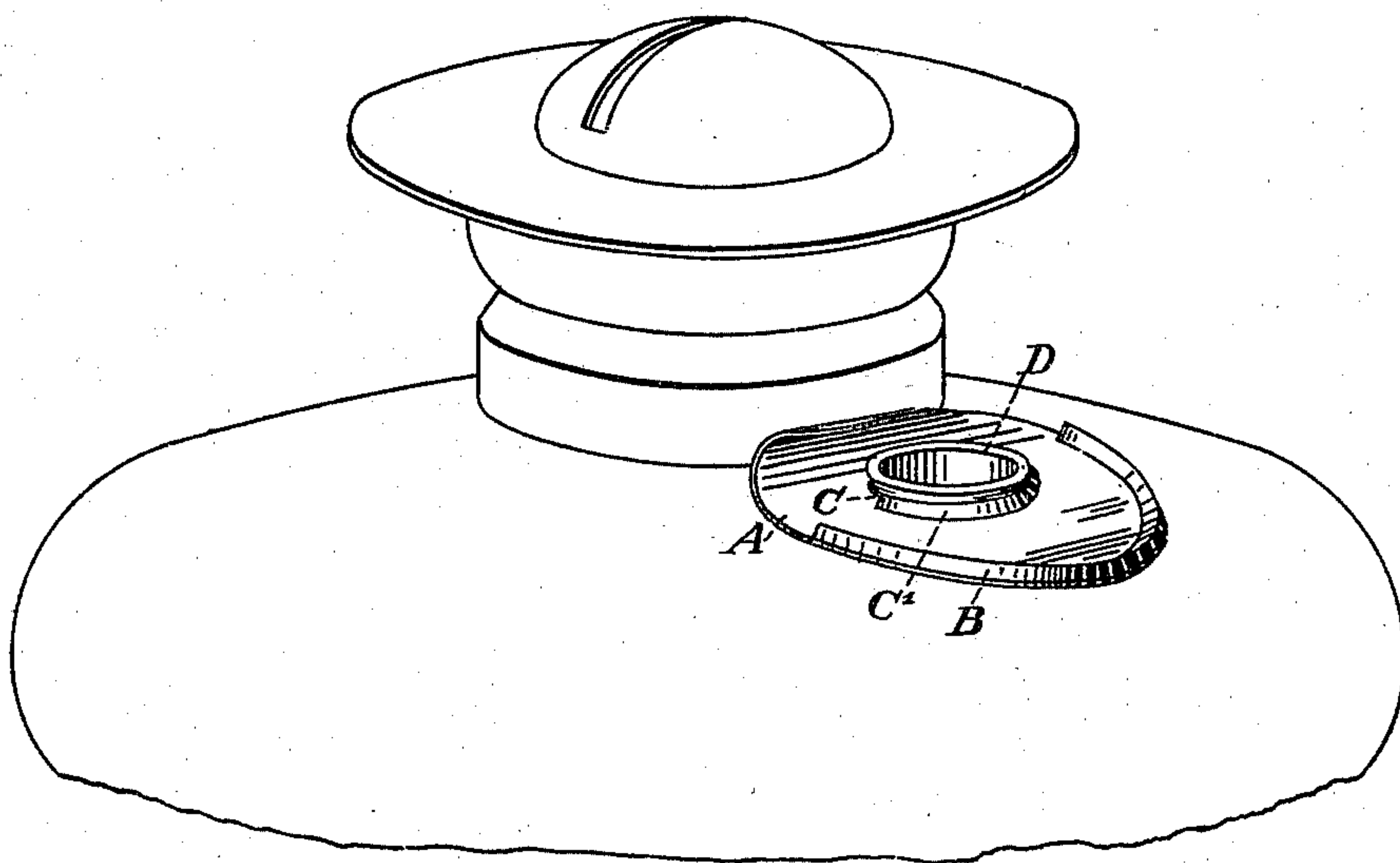
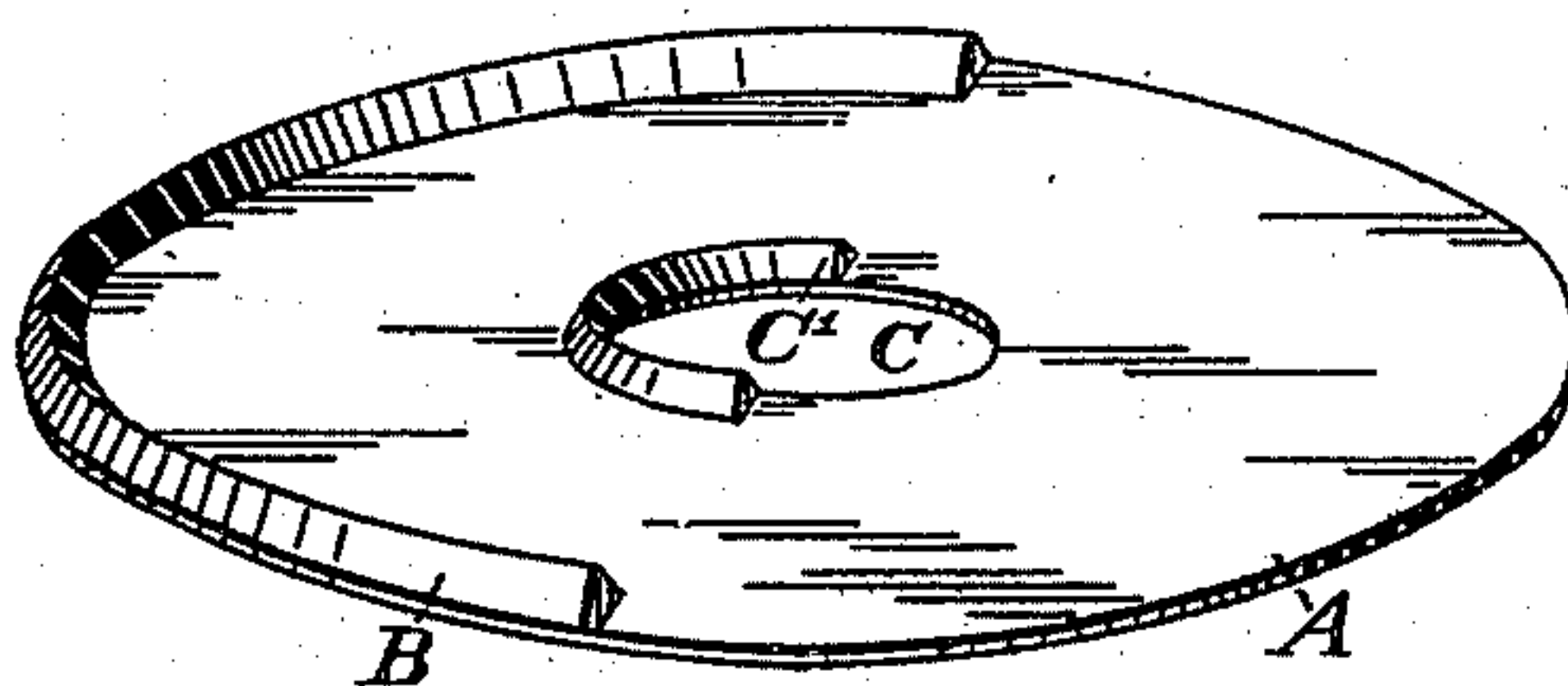


Fig. 2.



Witnesses,
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UNITED STATES PATENT OFFICE.

EMILY A. CLINGMAN, OF SAN FRANCISCO, CALIFORNIA.

LAMP OVERFLOW-PROTECTOR.

SPECIFICATION forming part of Letters Patent No. 581,977, dated May 4, 1897.

Application filed February 8, 1897. Serial No. 622,457. (No model.)

To all whom it may concern:

Be it known that I, EMILY A. CLINGMAN, a citizen of the United States, residing in the city and county of San Francisco, State of California, have invented an Improvement in Lamp Overflow-Protectors; and I hereby declare the following to be a full, clear, and exact description of the same.

My invention relates to a device which is especially designed to prevent the overflow and soiling of lamps while they are being filled.

It consists, essentially, of an independent removable double-flanged annular disk adapted to fit over the filling-hole of the lamp to form a receiver for any oil which may spill or overflow during the process of filling.

In the accompanying drawings, A is the disk, which may be made circular in shape, or it may be made oval or other suitable or desired shape. Around the periphery of this disk is a raised flange B, extending upwardly a short distance from its surface, and within the disk is an opening C, having a similarly-raised flange C' surrounding it. This opening C is of such size that it will fit over the neck D of the filling-opening, which is usually made upon one side of the lamp-body and near to the burner-opening.

If preferred, the disk A may be made narrower on the side next to the burner or slightly curved to fit this side, thus bringing the opening C a little nearer to that side of the disk than it is to the opposite side, which will allow the disk to fit without contacting against the burner.

The disk is made of flexible rubber sufficiently elastic so that the hole C may be stretched over and around the filling-nozzle, and the space between the inner and outer flanges C' and B will receive any oil which may be splashed or overflowed while the lamp is being filled.

The close fit around the neck prevents the oil from escaping at that point, and the outer flange prevents its running off upon the body of the lamp. When the lamp has been filled, the disk may be removed and applied to another lamp, the one protector thus serving for as many lamps as it is desired to fill.

I am aware that a metal cap has been permanently fitted upon a lamp-top intended for a similar purpose, but this cap is liable to become contaminated with overflowed oil, and as it is not removable the objectionable feature of the oil upon the outside of the lamp remains.

In my device the removable protector receives any overflow, and when taken off leaves the lamp perfectly clean.

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

1. A lamp-overflow-protecting device, consisting of a flexible removable disk having a central opening adapted to fit around the filling-nozzle of the lamp, and having interior and exterior upturned peripheral flanges.

2. A device to protect lamps from overflow while filling consisting of an elastic disk having an upturned peripheral flange, an opening made through said disk adapted to fit with elastic pressure around the filling-nozzle of the lamp, said opening having a peripheral upturned flange whereby overflow will be retained between the flanges and be removed with the disk from the lamp.

In witness whereof I have hereunto set my hand.

EMILY A. CLINGMAN.

Witnesses:

S. H. NOURSE,
J. C. BRODIE.