

E. S. CHASE.

ATTACHMENTS FOR LAMPS, &c.

No. 179,895.

Patented July 18, 1876.

Fig. 2.

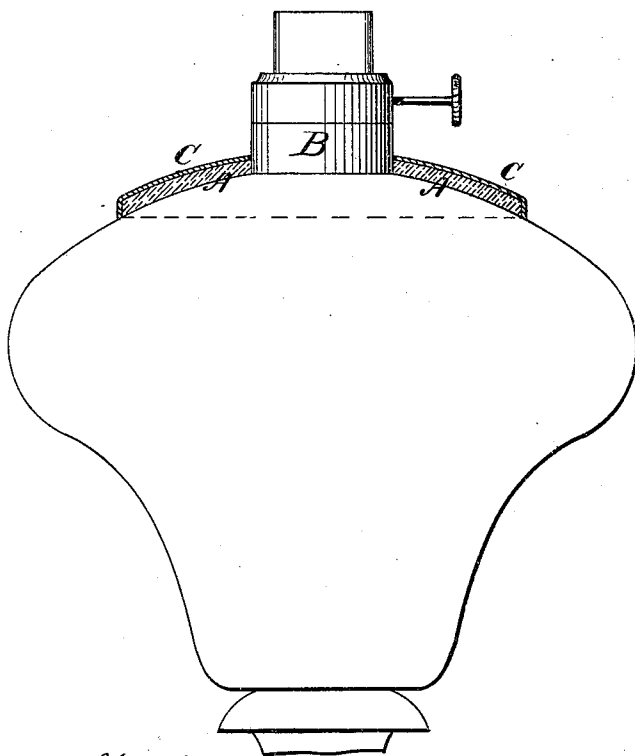
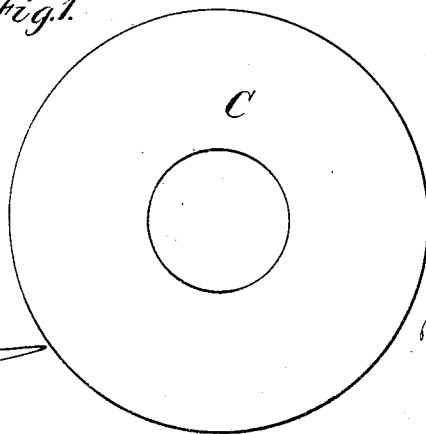


Fig. 1.



Witnesses;
Cornille Lewis
M. Church

Inventor
Eben S. Chase
By Hill & Wells
Attys

UNITED STATES PATENT OFFICE.

EBEN S. CHASE, OF EAU CLAIRE, WISCONSIN.

IMPROVEMENT IN ATTACHMENTS FOR LAMPS, &c.

Specification forming part of Letters Patent No. **179,895**, dated July 18, 1876; application filed January 27, 1876.

To all whom it may concern:

Be it known that I, EBEN S. CHASE, of Eau Claire, in the county of Eau Claire and State of Wisconsin, have invented a new and useful Absorbing-Pad for Lamps, Bottles, Cans, &c.; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a top plan view of an absorbing-pad; and Fig. 2 is a sectional view, showing its application to a lamp.

Similar letters of reference in the accompanying drawings denote the same parts.

My invention has for its object to provide means by which oils and other liquids are prevented from running down the outside of the receptacle wherein they are contained when it is tipped to pour out a quantity of the liquid, or the latter is carried to the outside by capillary attraction.

To this end the invention consists in a flat pad, of some absorbing material, either contained within a correspondingly-formed case or left plain without the case, and adapted to fit over the neck of the lamp, and to rest upon the top parts around the said neck, so as to absorb and retain any overflow which would otherwise run down the sides, said pad being of such felted or woven material as to firmly retain of itself its position and shape.

Although the invention is applicable to bottles, jugs, cans, table-ware, and other liquid-receptacles of many varieties, I have, in the accompanying drawings, shown it applied to an ordinary kerosene-lamp.

In this example, A is the flat pad, composed of felt, cotton-waste, cloth, paper, or other good liquid-absorbent, and cut in the form of a disk, with a central opening fitting around the lamp-cap B. The pad rests snugly down upon the lamp-reservoir around the cap, and is fitted within, and inclosed by, a metallic case, C, also surrounding the lamp-cap, as shown in Fig. 2. When the case is used it carries the pad, both being applied and removed from the lamp together, as though they were made in one piece.

The pad readily absorbs any oil that may escape from the lamp by capillary attraction or other causes, and prevents it from running down upon the reservoir and standard. By

this means the lamp is always kept clean, and neither soils the support upon which it rests nor the hand by which it is lifted from place to place.

When the pad becomes fully charged or saturated with oil, it can be removed from the inclosing-case and another inserted in its stead, the pad and case being first lifted off the lamp. The pad may be treated with a deodorizer, if desired, to neutralize or destroy the disagreeable odor of the liquid during its absorption.

As already stated, the pad may be used without an inclosing-case; but I prefer to employ the latter, as it protects the pad, and at the same time prevents it from soiling any article or thing that may casually come in contact with it. The case also prevents all danger of the saturated pad catching fire from the flame of the lamp.

The case may be applied to the lamp in a variety of ways. One good method consists in providing it with a screw-thread around the central opening, to engage with a corresponding screw-thread formed upon the cap of the lamp. Spring or other catches may be employed, however, if preferred.

Instead of making the cover of metal, it may be composed of hard rubber, stiff paper, or other proper material. It may be either plain or ornamented with any design, or it may contain one or more advertisements impressed upon or in it, or applied in the form of a label.

It is designed to make and sell the pad and case together as one article ready for use, and to provide assorted sizes for each class of vessels to which they are to be applied.

I do not broadly claim an absorbing material around the neck of a bottle or lamp, as I am aware that such is not new.

Having thus described my invention, I claim as new—

An absorbing-pad for lamps or bottles, formed from a sheet of felt or equivalent absorbent material, with a central hole, and in other respects adapted to fit around the neck of a bottle or lamp, whether the same be covered or not by a metal case.

E. S. CHASE.

Witnesses:

E. A. ELLSWORTH,
JNO. D. PATTEN.