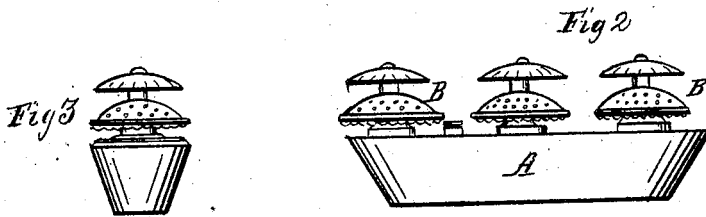
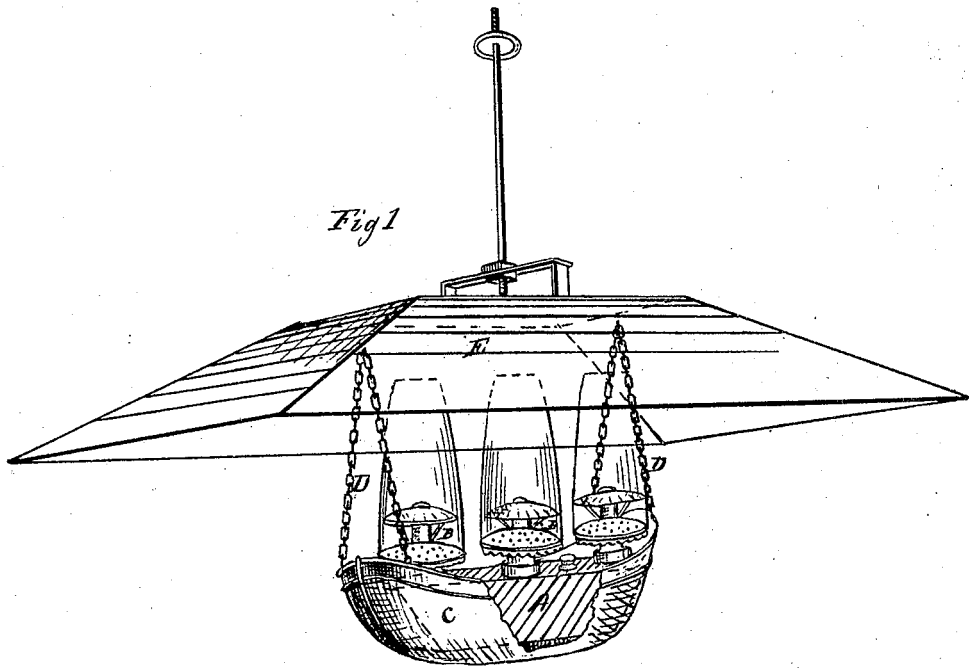


R. KLEEMANN.
Billiard Table Lamp.

No. 101,888.

Patented April 12, 1870.



Witnesses:
G. A. Merritt
Edison Corbett

Rudolph Kleemann
Inventor
By J. D. Furchin
his Attorney

United States Patent Office.

RUDOLPH KLEEMANN, OF CHICAGO, ILLINOIS.

Letters Patent No. 101,888, dated April 12, 1870.

IMPROVEMENT IN LAMPS FOR BILLIARD-TABLES.

The Schedule referred to in these Letters Patent and making part of the same

To all whom it may concern:

Be it known that I, RUDOLPH KLEEMAN, of the city of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in "Lamps for Billiard-Tables;" and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings making part of this specification, and to the letters of reference marked thereon, like letters indicating like parts wherever they occur.

To enable others skilled in the art to construct and use my invention, I will proceed to describe it.

Figure 1 is the lamp, represented in perspective;

Figure 2 is a side elevation of the lamp proper; and

Figure 3 is an end elevation of the same.

The object of my invention consists in arranging the kerosene lamp used for billiard-tables in such a manner as to prevent the spilling of the oil caused by the handling of, or imperfections in the lamp on the billiard-table; and

The nature of the invention consists in placing the lamp, or that part of it which contains oil, into a separate outside vessel or envelope, so that if any oil is spilled it will drop into the said outside vessel or envelope, and not on the billiard-table.

A is the lamp or reservoir, made of tin or other sheet metal, and filled with oil.

It is provided with two or more openings, into which ordinary, or so called, sun burners, B B, are affixed.

The lamp is placed into vessel C, made of any desirable shape or form, and this vessel C is balanced and suspended on chains, D D, hooked on or otherwise secured to the shade E, or some other fixture.

The shade is made large enough to throw light over the whole billiard-table, and is firmly secured to the ceiling. In this manner any oil leaked out or in any way spilled or accumulated on the lamp will remain or drop into vessel C, and not on the billiard-table.

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

1. The kerosene-lamp for billiard-tables, whose oil-reservoir, A, is placed into an outside vessel, C, said vessel suspended to the shade E or other fixture, substantially as herein set forth.

2. In combination with the above, the shade E, substantially as set forth.

RUDOLPH KLEEMANN.

Witnesses:

J. B. TURCHIN,
JOHN McINTOSH.