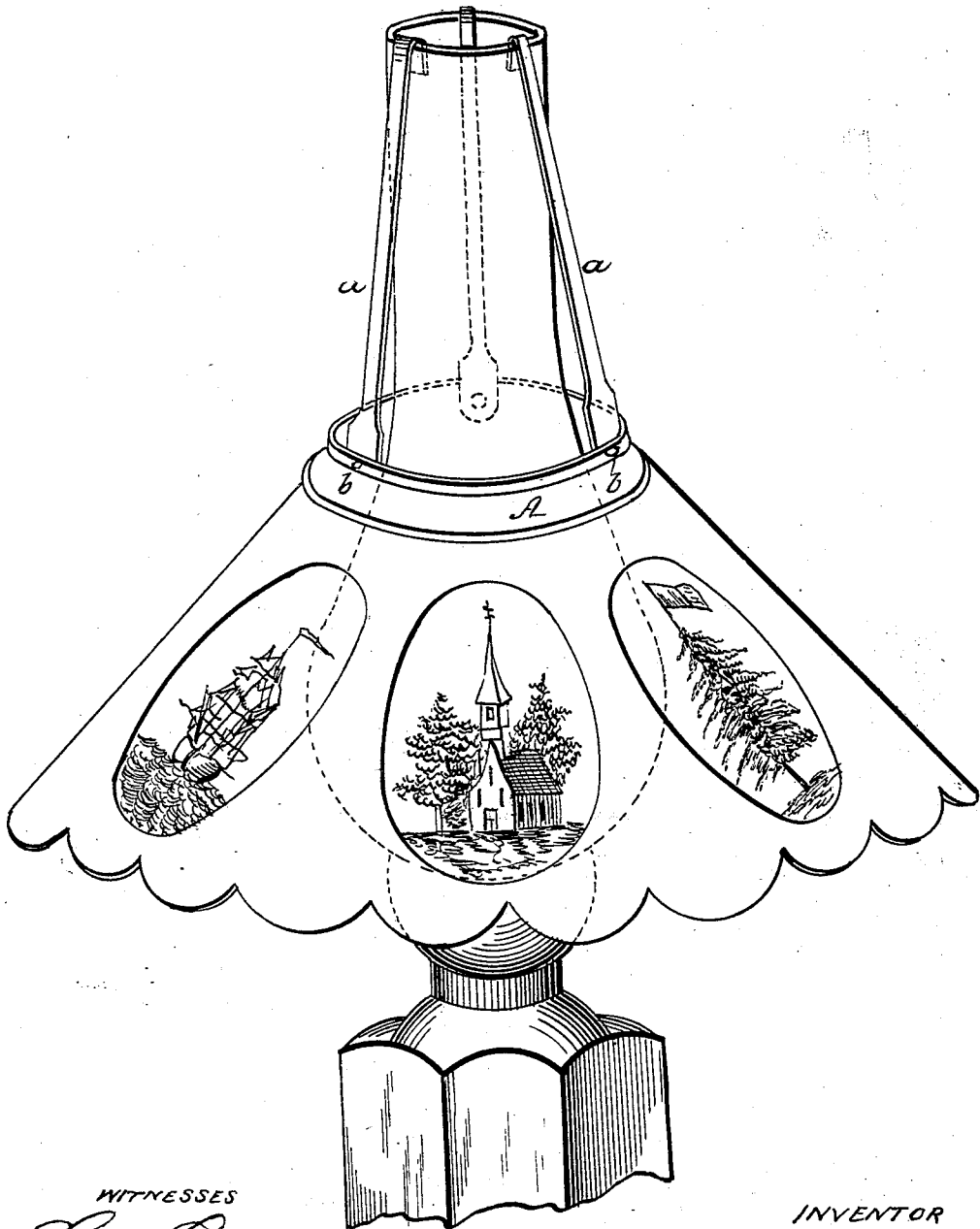


H. ZAHN.
Lamp Shade.

No. 46,748.

Patented March. 7. 1865.



WITNESSES
Gustave Dietrich
Henry Morris

INVENTOR
Henry Zahn

UNITED STATES PATENT OFFICE.

HENRY ZAHN, OF NEW YORK, N. Y.

IMPROVEMENT IN LAMP-SHADES.

Specification forming part of Letters Patent No. 46,748, dated March 7, 1865.

To all whom it may concern:

Be it known that I, HENRY ZAHN, of the city, county, and State of New York, have invented a new and Improved Lamp-Shade Supporter; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawing, forming part of this specification.

The drawing represents a perspective view of this invention.

This invention consists in suspending the metal ring which supports the shade by means of two or more straps or hooks from the top edge of the cylinder or chimney in such a manner that said ring does not come in contact with the surface of the cylinder, and that by the current of air passing up between the cylinder and ring the temperature of the latter is kept at such a degree as to prevent the paper shade from being scorched or burned, and at the same time the liability of the cylinder to break is materially reduced.

A represents a metal ring, spun or otherwise produced of sheet metal or other suitable material in the usual manner. This ring is intended to retain the paper shade, the upper edge of which is clamped or otherwise secured to the same, and ordinarily this ring is slipped over the cylinder and rests upon the bulb of the same. From this practice arise two serious disadvantages—first, the ring is liable to wedge itself down tight over the bulb of the cylinder, so that the latter cracks and becomes useless; and, second, the ring, being in contact with the heated glass, becomes so hot that the paper from which the shades are generally made is scorched and the shade is

spoiled. These disadvantages are obviated by suspending the ring A from the top edge of the cylinder by means of hooks or straps *a*, as shown in the drawing. Three (more or less) such straps may be used. They are made of thin sheet metal or any other suitable material and secured to the ring A by rivets *b*, or in any other suitable manner, and their upper ends are turned over to form hooks, which catch over the top edge of the cylinder. The ring is made sufficiently large so that the same does not come in contact with the cylinder and that an annular space is left between the two, as shown. When the ring with the shade are thus suspended from the top edge of the cylinder, the current of cold air passing through the annular space between the ring and cylinder keeps the temperature of the former at such a low degree that the shade is not liable to become scorched or otherwise injured by the heat. Furthermore, the ring, being not in contact with the cylinder, can have no injurious influence on the same whereby it would be liable to crack.

My supporter can be made cheap, and its advantages are so apparent that no further explanation is necessary.

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

Suspending the shade of a lamp from the top edge of the cylinder by means of hooks or straps *a*, or by any other equivalent means, substantially as and for the purposes herein shown and described.

HENRY ZAHN.

Witnesses:

M. M. LIVINGSTON,
W. HAUFF.