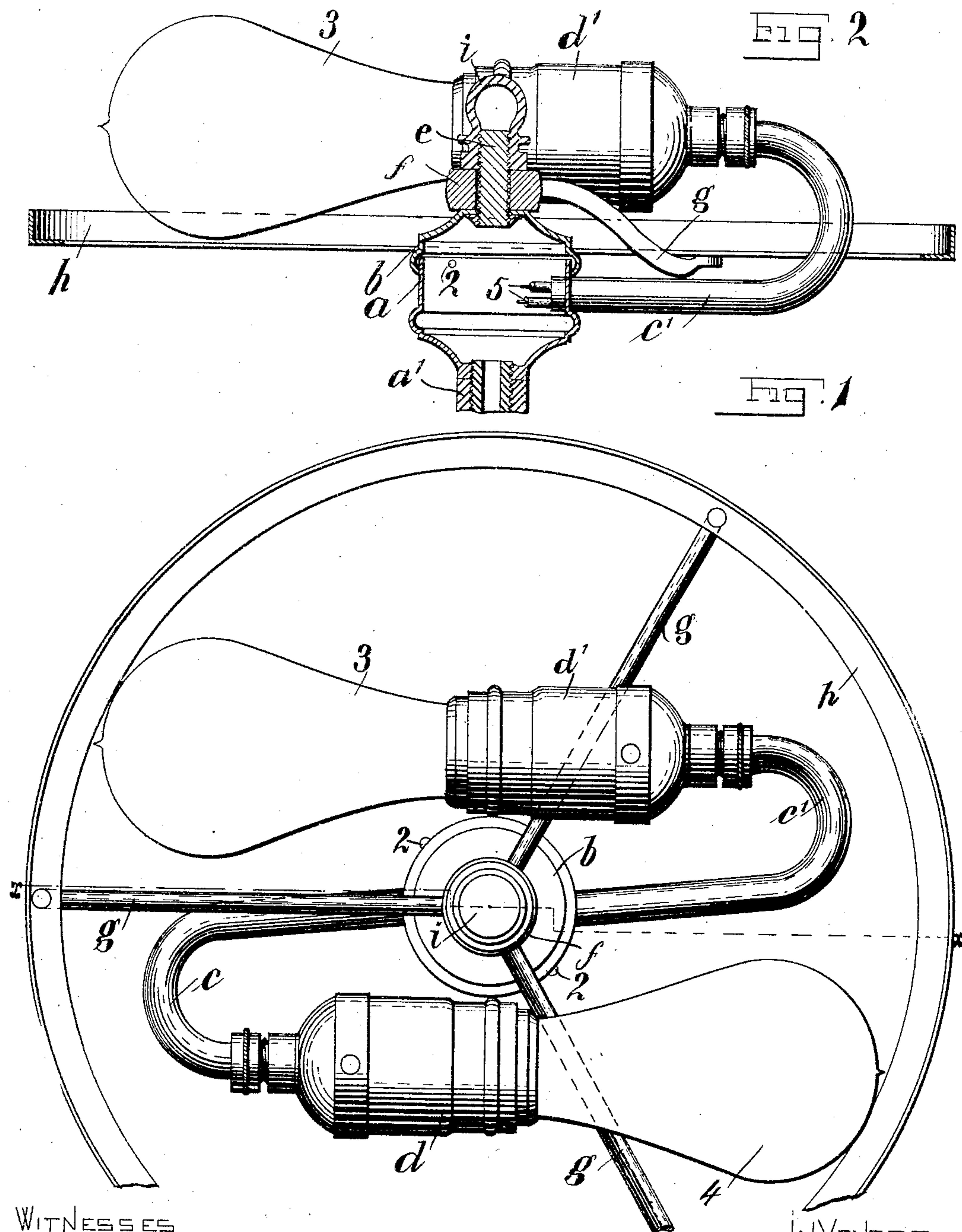


No. 779,779.

PATENTED JAN. 10, 1905.

E. E. HAYWARD.
ELECTRIC LAMP FIXTURE.
APPLICATION FILED JUNE 8, 1904.



WITNESSES
Edw. J. Lee.
Chas. N. Smith

INVENTOR
Edwin E. Hayward.
Harold Terrell
PER
ATTY

UNITED STATES PATENT OFFICE.

EDWIN E. HAYWARD, OF WATERBURY, CONNECTICUT, ASSIGNOR TO THE
PLUME AND ATWOOD MANUFACTURING COMPANY, OF WATERBURY,
CONNECTICUT, A CORPORATION OF CONNECTICUT.

ELECTRIC-LAMP FIXTURE.

SPECIFICATION forming part of Letters Patent No. 779,779, dated January 10, 1905.

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To all whom it may concern:

Be it known that I, EDWIN E. HAYWARD, a citizen of the United States, residing at Waterbury, in the county of New Haven and State of Connecticut, have invented an Improvement in Electric-Lamp Fixtures, of which the following is a specification.

My invention relates to electric-lamp fixtures particularly adapted for portable electric lamps; and the object thereof is the provision of a fixture of simple and compact construction comprising a cluster-box whose interior is readily accessible for wiring purposes and which is provided with a shade-holder secured to a removable cap provided for the cluster-box.

In carrying out my invention I employ a cluster-box having a body portion adapted to be connected to the standard of a lamp, a removable cap, means for securing the same to the body portion of the cluster-box, arms extending from the body portion of the cluster-box, lamp-sockets connected to the ends of said arms, a shade-holder supported by the said removable cap, and means for securing the said shade-holder to the said removable cap.

In the drawings, Figure 1 is a plan view of my improved electric-lamp fixture; and Fig. 2 is a cross-section on line *x x*, Fig. 1.

My improved electric-lamp fixture comprises a cluster-box having a main body portion *a*, adapted to be connected by suitable means to the upper end of a standard *a'* of a portable or other electric lamp. The body portion *a* of the cluster-box is provided with a removable cap *b*, which is secured to the body portion *a* by means of set-screws 2 or otherwise.

c c' represent arms extending from the body portion of the cluster-box and provided at their outer ends with lamp-sockets *d d'*, adapted to receive the electric-light bulbs 3 4.

I provide the removable cap *b* with a stud-bolt *e*, and I also employ a shade-holder comprising a hub *f*, arms *g*, and a ring *h*, adapted to receive and support the lamp-shade.

The hub *f* of the shade-holder is provided centrally with an aperture adapted to receive the stud-bolt *e*, and I also employ a nut *i*, adapted to screw onto the stud-bolt and by means of which through the hub thereof the lamp-shade bracket is secured to the removable cap *b*.

The arms *c c'* are preferably made with return rising bends which bring the lamp-sockets *d d'* at their ends into a plane above the plane of the connection of said arms with the cluster-box body *a* and advantageously above the plane of the ring *h* of the shade-holder, so as to be in better position for the light of the light-bulbs 3 4 to be reflected by the shade employed.

It will be readily apparent that in this construction the lead-wires passing through the standard of the lamp may be taken to the interior of the cluster-box, and within the same the connections from these wires to the wires 5, leading through the tubular arms *c* to the lamp-sockets *d d'*, may be made, and also that by removing the nut *i* and unscrewing the screws 2 these connections are readily accessible. While I have illustrated a cluster-box provided with two lights, it is to be understood that any number of electric lamps may be employed in a fixture constructed in accordance with my present invention without departing from the spirit of the same.

I claim as my invention—

1. An electric-lamp fixture, comprising a cluster-box having a body portion adapted to be attached to a lamp-standard, a removable cap for said body portion of the cluster-box, arms extending from said body portion, lamp-sockets connected to the said arms, a shade-holder supported by said removable cap, and means for securing the said shade-holder to the said cap.

2. An electric-lamp fixture, comprising a cluster-box having a body portion adapted to be attached to a lamp-standard, a removable cap for the body portion of said cluster-box, arms extending from said body portion, lamp-sockets connected to the ends of said arms, a stud-bolt secured in the said removable cap,

a shade-holder whose hub is passed over the said stud-bolt, and a nut for securing the said shade-holder to said removable cap.

3. An electric-lamp fixture, comprising a
5 cluster-box having a body portion adapted to be attached to a lamp-standard, a removable cap for the body portion of said cluster-box, screws passing through the said removable
10 cap and the body portion to bind these parts together, arms extending from said body por-

tion, lamp-sockets connected to the ends of said arms, a stud-bolt secured in the said removable cap, a shade-holder whose hub is passed over the said stud-bolt and a nut for securing the said shade-holder to said removable cap. 15

Signed by me this 31st day of May, 1904.

EDWIN E. HAYWARD.

Witnesses:

J. L. SCOTT,

B L. NETTLETON.