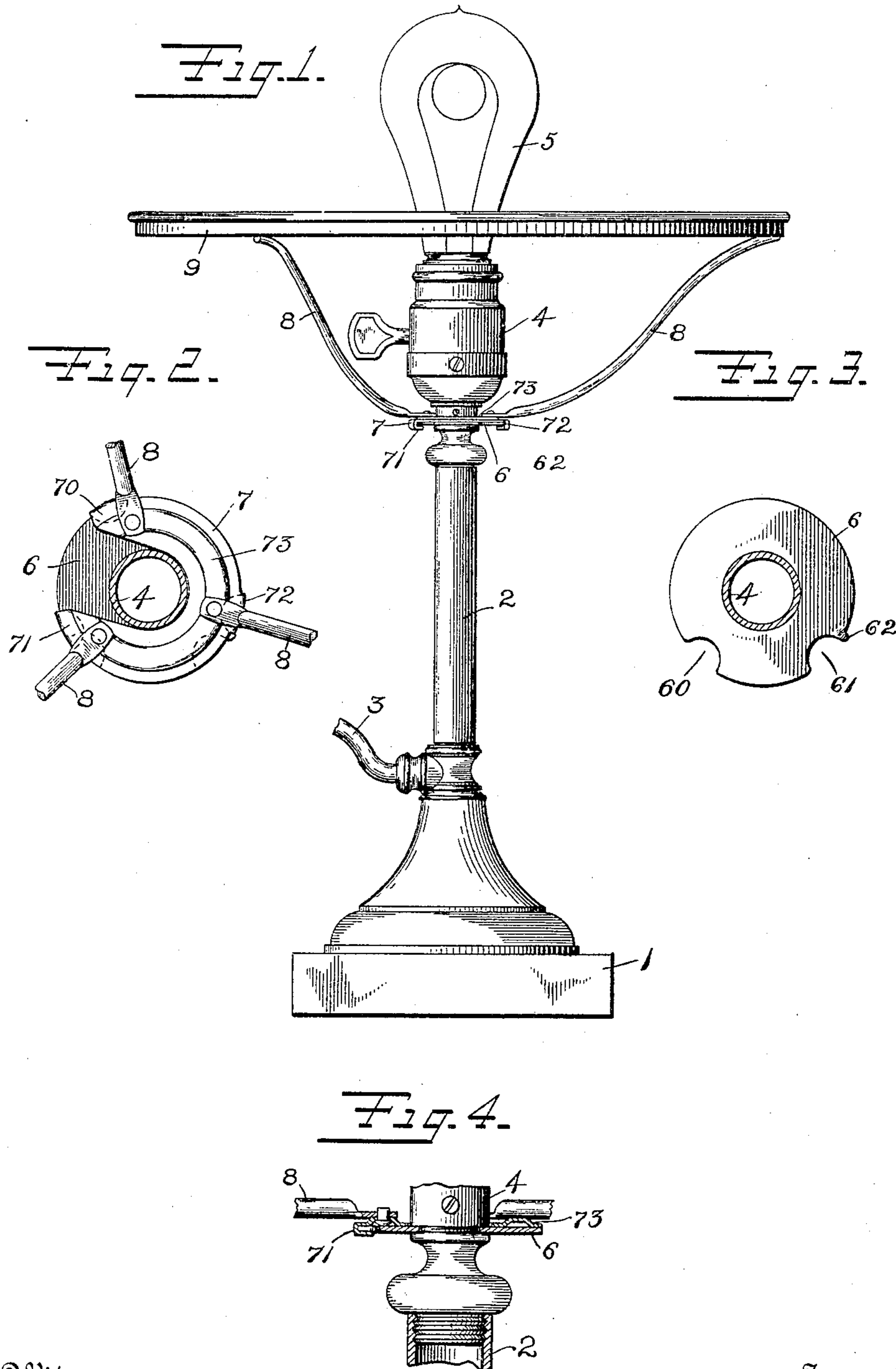


No. 778,602.

PATENTED DEC. 27, 1904.

L. H. PERKINS.
ELECTRIC LAMP AND SHADE HOLDER.

APPLICATION FILED MAY 18, 1904.



Witnesses
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UNITED STATES PATENT OFFICE.

LOUIS H. PERKINS, OF MERIDEN, CONNECTICUT, ASSIGNOR TO EDWARD MILLER & COMPANY, OF MERIDEN, CONNECTICUT, A CORPORATION OF CONNECTICUT.

ELECTRIC LAMP AND SHADE-HOLDER.

SPECIFICATION forming part of Letters Patent No. 778,602, dated December 27, 1904.

Application filed May 18, 1904. Serial No. 208,517.

To all whom it may concern:

Be it known that I, LOUIS H. PERKINS, a citizen of the United States, residing at Meriden, New Haven county, Connecticut, have invented certain new and useful Improvements in Electric Lamps and Shade-Holders, of which the following is a full, clear, and exact description.

My invention relates to lighting-fixtures, and particularly to a new and improved means of fastening shade-holders thereto. Its object is to provide a device which is adapted to be readily attached to and detached from the fixture without disturbing any of the other parts thereof.

A clear comprehension of my new device will be had by referring to the drawings.

Figure 1 is a side elevation of an electric portable equipped with a shade-holder of my improved type. Figs. 2, 3, and 4 are relatively enlarged views showing the details of construction for attachment and support of the shade-holder.

1 is a base.

2 is a standard. 3 is the connection carrying the electric wires, preferably insulated as usual. 4 is an electric socket with a suitable switch. 5 is an incandescent bulb. 6 is a supporting-plate secured to said standard and provided with recesses 60 and 61. 62 is a lug carried by said supporting-plate.

7 is a U-shaped clamping-plate. 70, 71, and 72 are projecting ears thereon.

73 is a corrugation in plate 7.

8 represents arms fastened at one end upon the plate 7, preferably by means of rivets, and supporting at their other ends a ring 9. This ring 9 may support a lamp-shade of any suitable form. By providing the plate 7 with corrugations 73 the end of the rivets or the means employed to fasten the arms 8 to plate 7 will be raised above the surface of the plate 6, so as to reduce friction.

Electric portables are almost necessarily

placed on the market with the wiring complete, so that it is impossible to remove the lamp-socket. My invention provides a simple and cheap means for attaching or detaching a shade-holder without disarranging the electrical connections.

To secure my improved shade-holder to the standard, the clamping-plate 7 is placed upon the supporting-plate 6, the ears 70 and 71 registering with recesses 60 and 61. The clamping-plate 7 is then rotated on plate 6 until the ear 72 engages the lug 62. In thus rotating plate 7 the ears 70 71 72 engage the edge of supporting-plate 6 and secure the shade-holder with its arms 8 and ring 9 firmly in place. It is removed by simply rotating the clamping-plate until the ears register with the recesses, tilting it slightly, sliding it horizontally, and then lifting it clear, the bulb passing between two of the arms 8 8.

What I claim is—

1. In an electric-lamp fixture of the character described, the combination of a standard, a small supporting-plate carried thereby, a U-shaped clamping-plate, a shade-holding frame carried by said clamping-plate, one of said plates having a plurality of projecting ears at its circumference, the other of said plates having a recess to correspond with one of said ears whereby said parts may be readily assembled and disassembled in the manner described.

2. In a lighting-fixture, the combination of a supporting-plate and a clamping-plate adapted to coact with each other, a shade-holding frame having arms secured to said clamping-plate, said plate having a corrugation forming a raised portion to which said arms are attached and means for securing said supporting and clamping plates together by a partial rotation.

3. In an electric-lamp fixture of the character described, the combination of a standard, a supporting-plate having a recess, a U-

shaped clamping-plate formed of sheet metal
and having a downwardly and inwardly turned
ear at the entrance to the clamping-plate and
another downwardly and inwardly turned ear
5 opposite the mouth of the clamping-plate and
a shade-holding frame carried by said clamp-
ing-plate, for the purpose specified.

Signed at Meriden, Connecticut, this 16th
day of May, 1904.

LOUIS H. PERKINS.

Witnesses:

W. C. HOMAN,
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