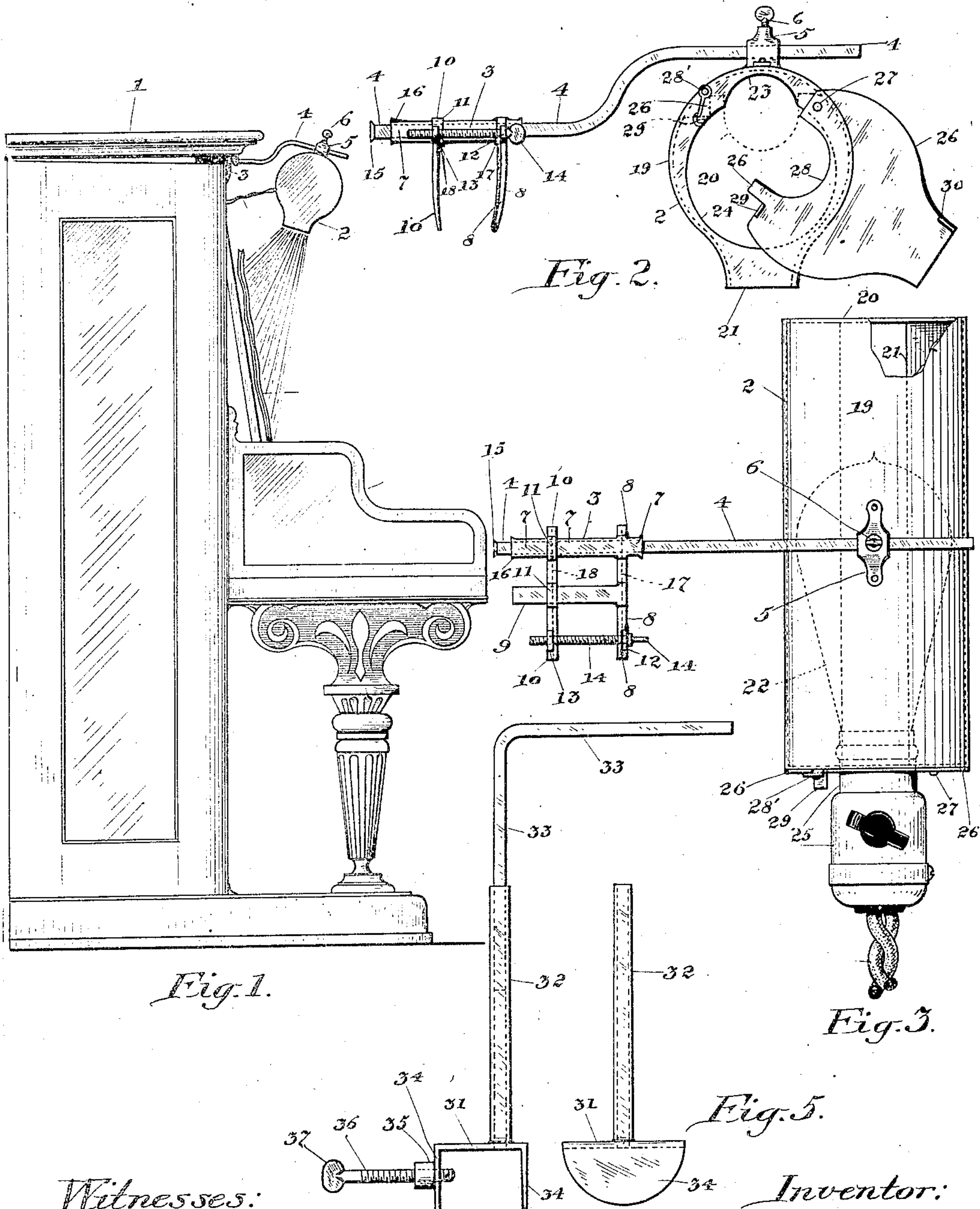


R. S. FURNISS.
ELECTRIC LAMP SHADE SUPPORT.
APPLICATION FILED DEC. 18, 1903.

925,086.

Patented June 15, 1909.



Witnesses:
W. C. Smith
R. C. Bretcher

Fig. 4.

Fig. 5.
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UNITED STATES PATENT OFFICE.

ROGER S. FURNISS, OF CHICAGO, ILLINOIS.

ELECTRIC-LAMP-SHADE SUPPORT.

No. 925,083.

Specification of Letters Patent.

Patented June 15, 1909.

Application filed December 15, 1908. Serial No. 463,117.

To all whom it may concern:

Be it known that I, ROGER S. FURNISS, a citizen of the United States, residing at Chicago, county of Cook, and State of Illinois, have invented certain new and useful improvements in Electric-Lamp-Shade Supports, of which the following is a specification.

My invention relates to improvements in electric lamp shade supports, and has for its object to provide a device of this character which shall be symmetrical in design and suitable for use in connection with pianos, music-stands and the like.

A further object of my invention is to provide a lid and means therein for locking an electric lamp in the lamp shade. And a further object of my invention is to provide a suitable clamping means whereby the shade may be secured at will to a piano, and also a modified form of clamping means for securing the shade to a music-stand or similar article of furniture.

Other objects will appear hereinafter.

With these objects in view, my invention consists in such a novel construction and arrangement of parts all as will be hereinafter fully set forth and more particularly pointed out in the appended claims.

My invention will be more readily understood by reference to the accompanying drawings forming a part of this specification, and in which—

Figure 1 is a side elevation of a piano showing my improved lamp shade attached thereto. Fig. 2 is a side elevation, showing the construction and operation of the lamp shade lid. Fig. 3 is a top elevation, and Figs. 4 and 5 are detail elevations showing a modified form of clamp suitable for attaching the lamp shade to a music-stand, not shown.

Referring now to the drawings 1 indicates a piano and 2 the lamp shade connected therewith by means of the clamp 3. A square bent rod 4 slidably mounted in the clamp 3 is adjustably secured to the shade 2 by means of the socket 5 and the set screw 6. This rod is preferably of soft brass and may be easily bent in order that the lamp shade may have any desired position. The square tubular portion 7 of the clamp 3 adapted to receive the rod 4 is rigidly secured to a jaw 8 which is slightly curved and provided with a facing of felt or other

suitable fabric. A member or guide 9 is also secured to the jaw 8, the jaw 10 being slidably mounted on the tubular portion 7 and said guide.

11 indicates sockets in the jaw 10 which receive the portions 7 and the guide 9. Perforated lugs 12 and 13 are provided on the jaws 8 and 10 respectively, the lug 13 being adapted to receive a thumb clamping screw 14 which is journaled in the lug 12. A stop 15 formed by slightly heading the rod 4 is adapted to limit the movement of the rod 4 in the portion 7 and to prevent these parts from separating. And a stop 16 formed on the portion 7 prevents the jaw 10 from disengaging said portion and the guide 9. Shoulders 17 and 18 are formed in jaws 8 and 10 respectively, the same forming stops for engaging the top edges of the piano when the clamp is in position on the same.

The lamp shade 2 is preferably of sheet metal and comprises a substantially cylindrical body portion 19 and a closed end portion 20. A longitudinally extending opening 21 is provided on the lower side of the body portion 19, which is co-extensive with said body portion and through which the light from the electric lamp 22 is admitted. In order to secure the lamp 22 in the shade 2, the semi-circular edge 23 is provided at the top of the semi-substantially circular opening 21, said semi-circular edge being adapted to conform to the curvature of the lamp socket 25. A lid 26, preferably of sheet metal is pivoted to the body portion 19 by means of the rivet 27, and is adapted to swing into and out of position, as shown in Fig. 2. A semi-circular edge 28 is formed in the lid 26 to engage the lamp socket 25 and to lock the same in position when the latch 28 engages the bent portion 29 in said lid. A handle or thumb piece 30 is provided on the lid 26, as shown in Fig. 2, in order that the same may be readily operated.

A modified form of clamp 32 is provided when it is desired to attach the lamp shade 2 to a music-stand. Secured to this clamp is a square tubular portion 32 adapted to receive a square bent rod 33 which is adjustably secured in said tubular portion by frictional contact therewith. Two parallel semi-circular portions 34 are provided in the clamp 31, in one of which a tapped stud 35 is provided. The screw 36 provided with

the thumb piece 37 is mounted in the stud 35, the same being adapted to secure the clamp to the top edge of a music-stand.

While I have shown what I deem to be the preferable form of my invention, I do not wish to be limited thereto, as there might be many changes made in the details of construction and arrangement of parts without departing from the spirit of my invention.

Having described my invention what I claim as new and desire to secure by Letters Patent is:

1. In an electric lamp shade support a clamp comprising a stationary and a movable jaw, a guide on said stationary jaw, said movable jaw being slidably mounted thereon, a sleeve fixed to said stationary jaw and extending through said movable jaw, said movable jaw being provided with an aperture to receive the same, and said sleeve having a bore, a rod slidably mounted in said sleeve, a stop on the inner end of said rod and a lamp shade on the outer end of said rod, substantially as described.

2. In a device of the class described, a clamp comprising a stationary jaw and a movable jaw, a sleeve fixed to said stationary jaw and extending through said movable jaw, the latter being apertured to receive the same a clamp screw extending through

said jaws, a stop on said sleeve to limit the movement of said movable jaw, said sleeve being provided with a longitudinal bore, a rod adjustably mounted in said bore, a stop on one end of said rod and a lamp shade on the other end thereof, substantially as described.

3. In an electric lamp shade, a body portion having a light opening therein, means for securing an electric lamp in said body portion, a square rod, a socket secured to said body portion and adjustably mounted on said rod, a clamp comprising a square tubular portion slidably mounted on said rod, a stop at the extremity of said rod, a guide, a jaw rigidly secured to said tubular portion and said guide, a perforated lug in said jaw having a thumb screw journaled therein, a movable jaw slidably mounted on said tubular portion and said guide, and a threaded lug in said movable jaw for receiving said thumb screw, substantially as and for the purposes specified.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

ROGER S. FURNISS.

Witnesses:

JOSHUA R. H. POTTS,
HELEN I. LILLIS.