Feb. 27, 1934. L. W. ANDERSEN 1,949,289

MUSIC STAND LAMP

Filed Sept. 22, 1931

Fig.1.

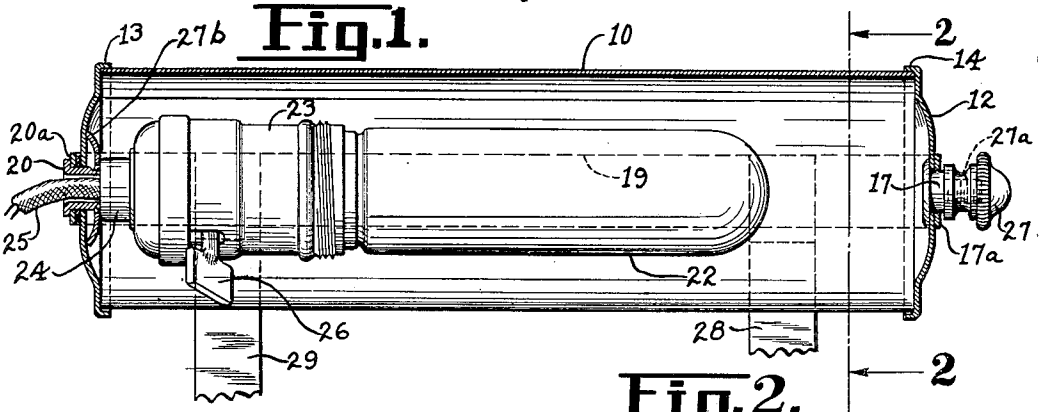


Fig.2.

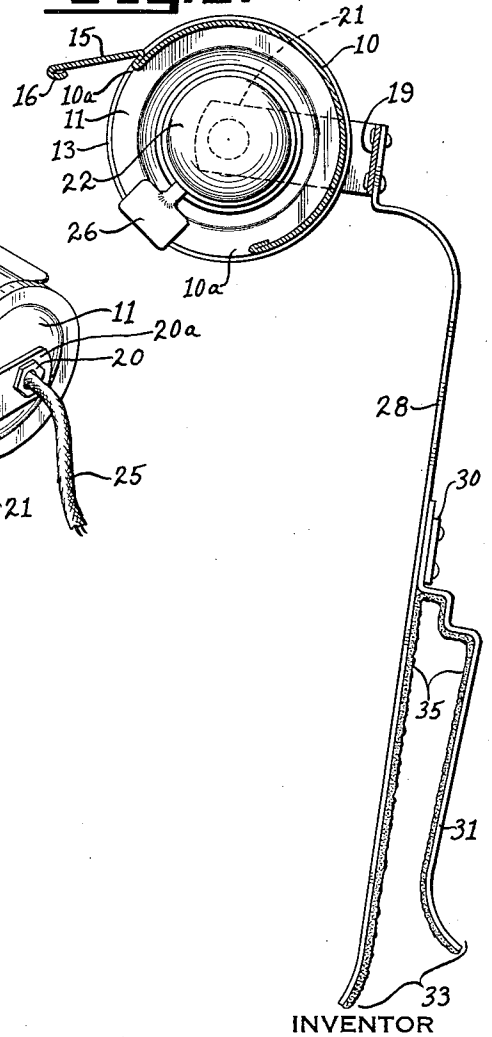
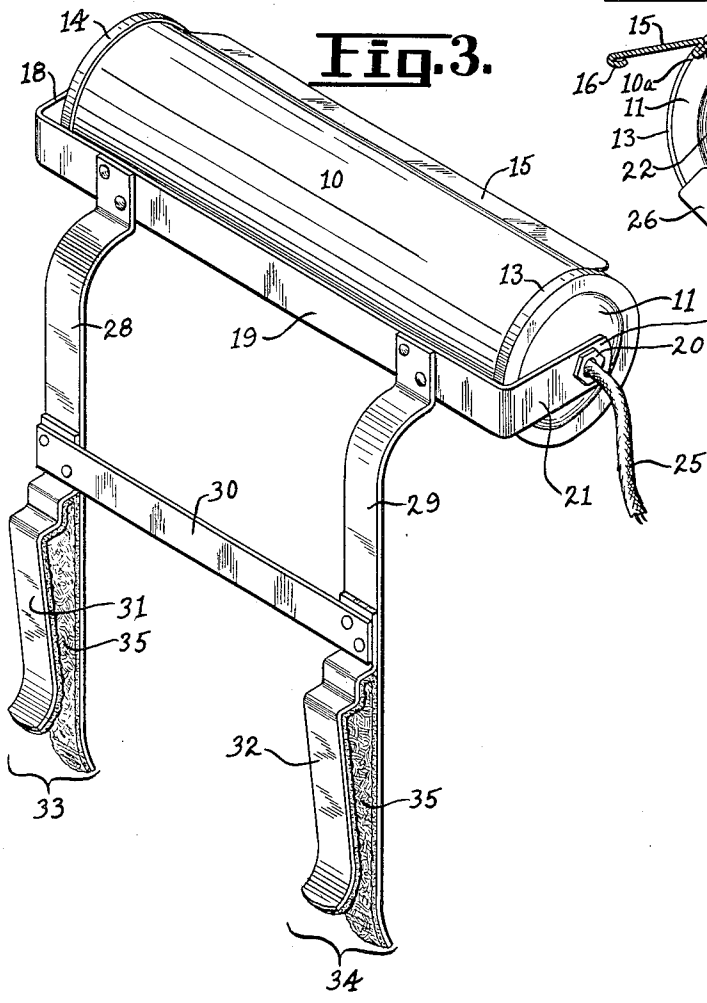


Fig.3.



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MUSIC STAND LAMP

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Serial No. 564,263

2 Claims. (Cl. 240—4)

This invention relates to illumination and more particularly to an electric lamp fixture that may be readily attached to the stand or rack of a musical instrument.

One object of this invention is to produce a music lamp fixture in which the reflector hood may be rotated to and locked in any desired position.

A further object of this invention is to provide a device of the above nature which will be simple in construction, inexpensive to manufacture, easy to install and manipulate, compact, ornamental in appearance, and very efficient and durable in use.

With these and other objects in view there has been illustrated on the accompanying drawing one form in which the invention may be conveniently embodied in practice.

In the drawing:

Fig. 1 represents a longitudinal sectional view of the reflector hood and encased light fixture.

Fig. 2 is a transverse sectional view of the same, taken along the line 2—2 of Fig. 1 looking in the direction of the arrows and showing an end view of one of the supporting forks.

Fig. 3 is a rear perspective view of the reflector hood shade and supporting frame.

Referring now to the drawing in which like reference numerals denote corresponding parts throughout the several views, the numeral 10 indicates a cylindrical reflector hood having an open section 10*a* and being closed at its extremities by a pair of ornamental convex end discs or heads 11 and 12. As best shown in Fig. 1, the heads 11 and 12 are provided at their edges with inwardly extending annular flanges 13 and 14 adapted to be bent over upon the outside surface of the hood 10 to which said flanges may be soldered or otherwise secured.

The front upper edge of the open section 10*a* of the reflector hood 10 is provided with an inclined, outwardly extending, reflecting vizor 15 having a bent-over smooth beaded edge 16. In order to permit the reflector hood 10 to be rotatably mounted, the right hand end head 12 is provided with longitudinal pivot stud 17 adapted to rotate in the apertured extremity 17*a* of one bearing arm 18 of a U-shaped yoke number 19 forming part of the lamp support frame to be described later. The left hand head 11 is similarly mounted on a hollow threaded bushing 20 which is rigidly secured to the apertured extremity 20*a* of the other bearing arm 21 of said yoke number 19.

The source of light of the lamp fixture comprises an elongated lamp bulb 22 of any desired commercial type, which is detachably held in a screw socket 23. The socket 23 is provided at its outer end with a tapped collar 24 which is adapted to be screwed over the threaded part of the bushing 20, whereby the socket 23 and the bulb 22 will be held rigidly in place.

Electric current is adapted to be supplied to the bulb 22 by means of a conductor cord 25 passing through the hollow bushing 20 and into the interior of the socket 23 where it is suitably connected to the switch mechanism contained therein. The switch may be controlled by any suitable device such as a turn knob 26, as shown in Figs. 1 and 2.

In order to prevent the reflector hood 10 from rotating too freely around its longitudinal axis, provision is made of a resilient cupped friction washer 27*b* surrounding the hollow bushing 20 and resiliently engaging both the collar 24 and the inner wall of the end head 11, as shown in Fig. 1. It will be obvious that the resilient pressure of the spring washer 27 is controlled by the amount that the collar 24 is screwed upon the bushing 20. At the opposite end of the hood 10 from the socket 23, provision is made of an ornamental knurled nut 27 screwed upon a threaded shank 27*a* of the bushing 17.

The support frame for the reflector hood 10 consists of the U-shaped yoke number 19, a pair of depending off-set flat vertical strips 28 and 29 preferably riveted to the base of said yoke number 19, and a cross bar 30 riveted to said strips 28 and 29, as shown in Figs. 2 and 3.

In order to permit the lamp fixture to be detachably clamped over a music rack, not shown, the depending strips 28 and 29 have a pair of double offset resilient prongs 31 and 32 attached thereto, with their upper ends held by said cross bar 30. The prongs 31 and 32 and the lower part of said strips 28 and 29 form a pair of resilient clamping jaws 33 and 34, and are lined on their inner surfaces with felt strips 35 for preventing the music rack from being scratched or otherwise injured.

The lower part of the clamping jaws 33 and 34 are curved outwardly so as to facilitate the installation of the fixture upon the music stand to which it is to be attached.

Operation

In the operation of assembling the reflector hood 10 to the support frame, it will only be necessary to first slip the pivot stud 17 of the right hand head 12 through the apertured ex-

tremity 17*a* of the bearing arm 18. The left hand bearing arm 21 will then be bent outwardly and moved upwardly until the hollow bushing 20 comes into alinement with the aperture provided in the end head 11. The ornamental nut 27 will then be screwed upon the threaded shank 27*a*, and after the proper electrical connections have been made within the socket 23, the spring washer 27*b* will be slipped over the threaded end of the bushing 20 and the collar 24 will be screwed thereon, until the desired tension of the spring washer 27 is obtained. The socket 23 will next be snapped into place in the customary manner and an electric light bulb 22 screwed therein.

With the support frame and lighting fixture assembled in this manner, the music lamp may then be detachably clamped upon any desired music stand or rack within a wide range of sizes.

While there has been disclosed in this specification one form in which the invention may be embodied, it is to be understood that this form is shown for the purpose of illustration only, and that the invention is not to be limited to the specific disclosure but may be modified and embodied in various other forms without departing from its spirit. In short, the invention includes all the modifications and embodiments coming within the scope of the following claims.

Having thus fully described the invention, what is claimed as new, and for which it is desired to secure Letters Patent, is:

1. In a music lamp fixture, a U-shaped yoke member having a lamp casing detachably supported by the legs thereof, an H-shaped depending frame secured to the base of said yoke member, the lower ends of the legs of said frame each having a pair of clamping jaws, one jaw of each pair being stepped to permit said fixture to be attached to a plurality of different sized music stands.

2. In a music lamp fixture, a U-shaped yoke member having a lamp casing detachably supported by the legs thereof, an H-shaped depending frame secured to the base of said yoke member, the lower ends of the legs of said frame each having a pair of clamping jaws, one jaw of each pair being stepped to permit said fixture to be attached to a plurality of different sized music stands, said casing having a pair of detachable end caps, and stud members extending into said caps to permit said casing to be rotated to control the lamp contained therein.

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