June 6, 1939. W. C. HEINDL 2,161,674

BASE FOR FIXTURES

Filed Nov. 2, 1937

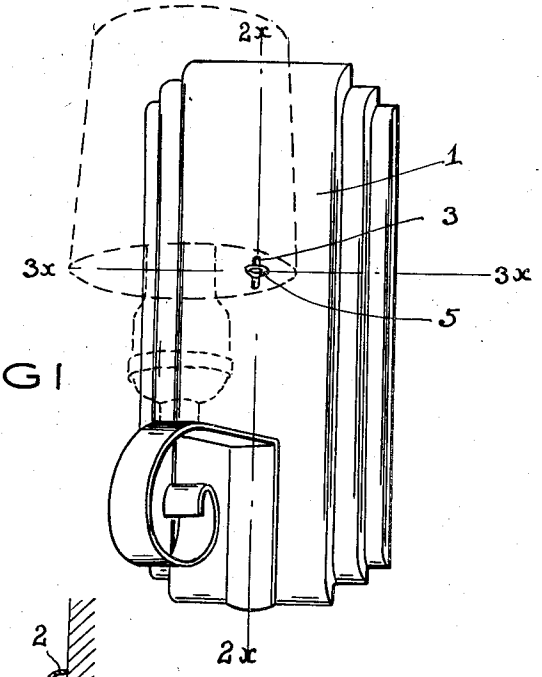


FIG 1

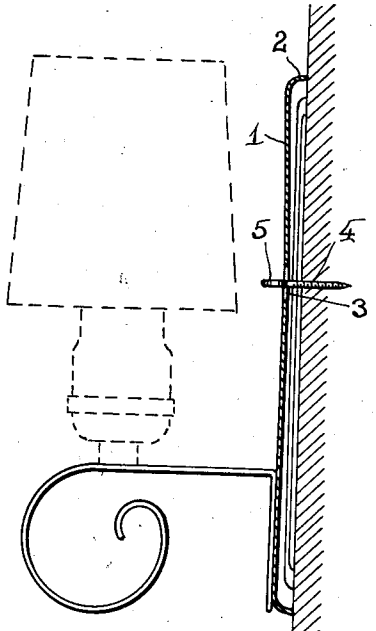


FIG 2

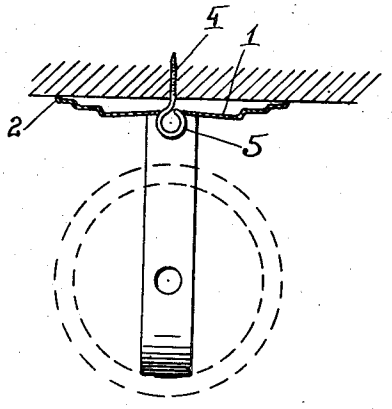


FIG 3

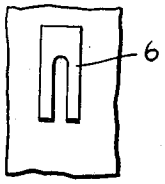


FIG 4

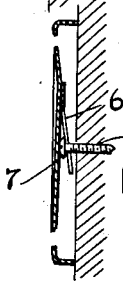


FIG 5

BY

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BASE FOR FIXTURES

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2 Claims. (Cl. 248—300)

This invention relates to bracket supports for wall fixtures and has for its principal object to provide a fixture bracket which, with minimum fastening means, effects a maximum anchorage therefor.

A further object of this invention is to provide the fixture bracket with a non-slipping base.

Another object of the invention is to provide the bracket with a yielding base which is flexed by the anchoring member in transmitting its pressure to the contact member of the base to have it yieldingly engage the wall.

A still further object of this invention is to provide a bracket for electric wall fixtures which is quickly, easily and securely fastened to the wall without the use of tools and in such a manner that the fixture cannot swing and mar the wall nor move to hang crooked or slantwise.

All these and other objects and attendant advantages of this invention will become more readily apparent from the detailed description thereof which follows, reference being had to the accompanying drawing in which

Figure 1 is a perspective view of a fixture provided with my novel non-slipping supporting bracket.

Figure 2 is a vertical sectional view of the fixture bracket taken on the line $2x$—$2x$ of Figure 1.

Figure 3 is a horizontal sectional view of the fixture bracket taken on the line $3x$—$3x$ of Figure 1.

Figure 4 is a detail rear elevation of a portion of the base of the bracket with a modified form of fastening means provided thereon.

Figure 5 is a sectional view of the modified form of fastening means and portion of the base to which it is attached.

In the several figures of the drawing like reference numerals indicate like parts.

The non-slipping supporting bracket for wall fixtures forming the subject matter of my present invention is especially adapted for use with electric wall lamps to make these lamps quickly, easily and securely attachable to the wall and prevent their swinging or shifting on the wall after being attached thereto.

As illustrated in the figures, the bracket includes the base plate 1 which is formed of thin metal or other flexible sheet material. The periphery of this base plate is preferably flanged to provide the rearwardly projecting inturned contact edge 2 thereon. The latter is adapted to space the base plate from the wall when held thereagainst and permit the flexing of the base plate in the attachment thereof.

A slot 3 is provided in the base plate at a point intermediate the top and bottom and the sides thereof and the anchoring screw 4 passes thru this slot in fastening the base plate to the wall. The anchoring screw 4 is provided with a head formed by a circular eye 5 so that the outflaring inner portion provides a cam on the underside of this head which, in turning, engages the opposing edges of the slot 3 and by its cam action flexes the base plate inwardly. The pressure of the anchoring screw is thus distributed over the entire area of the base plate and inturned contact edge 2 thereof. The latter is thus uniformly and yieldingly forced against the wall along its entire perimeter and in so doing provides a friction as well as a pressure contact for the base plate which keeps it from shifting or being pulled out of position on the wall.

In Figures 4 and 5 I have illustrated a modified form of anchoring means for fastening the bracket to the wall. In this construction a bifurcated inclined bracket 6 is attached to the rear of the base plate so as to have the head 7 of the anchoring screw 8 engage into the bifurcation and slide up on the inclined bracket to draw the base plate toward the wall and in doing so flex it so that a yielding pressure is created thereby and transmitted to the contact edge of the base plate for the purpose set forth above.

I claim:

1. A non-slipping base for fixtures adapted to be mounted on a wall and comprising a flexible base plate, anchoring means substantially centrally of said base plate for the suspension thereof, spacing means at the back of said base plate so as to yieldably support said base plate on the wall, and an anchoring member adapted to engage said anchoring means and the wall so as to concavedly flex said base plate and transmit a yielding anchoring pressure to the spacing means for maximum frictional contact with the wall.

2. A non-slipping base for fixtures adapted to be mounted on a wall and comprising a flexible base plate having a slot substantially centrally therethru for the suspension thereof, spacing means at the back of the base so as to yieldably support said base at the edges thereof, an anchoring member adapted to pass thru the slot in the base plate into the wall and a head on said anchoring member, a cam surface on the underside of said head for engagement with the edges of said slot to cause a concave flexing of said base plate and transmit a yielding anchoring pressure of the anchoring member to the spacing means for maximum frictional contact with the wall.

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