This invention relates to fixture attaching and supporting devices, which finds its principal application to various types of bathroom wall fixtures constructed of chromium plated steel.

6 The invention comprehends an attaching and supporting device which affords a concealed means for detachably but rigidly mounting the fixtures.

10 The invention further contemplates a device of the indicated character which aims to reduce to a minimum the thickness thereof, whereby the fixture base which accommodates it is not required to be unduly bulky.

15 The invention furthermore resides in a device employing but few and simple parts which may be economically fashioned, preferably from sheet material and readily secured respectively to the fixture base and wall or other supporting surface.

20 With the above recited and other objects in view, reference is had to the following description and accompanying drawing, in which there is exhibited one example or embodiment of the invention, while the claims define the actual scope of the same.

In the drawing:

25 Figure 1 is a face view of the part of the device which is secured to the wall or other supporting surface.

30 Figure 2 is a face view of the part of the device which is secured to the fixture and which is illustrated in its applied position within the fixture base.

35 Figure 3 is a sectional view taken approximately on the line indicated at 3—3 in Figure 4, illustrating the parts of the device in interengaged relation.

40 Figure 4 is an enlarged fragmentary vertical sectional view taken approximately on the line indicated at 4—4 in Figure 3.

45 Figure 5 is an enlarged fragmentary horizontal sectional view taken approximately on the line indicated at 5—5 of Figure 3.

50 Referring to the drawing by characters of reference, the device includes a pair of members or parts designated generally by the reference characters A and B, the former being designed to be secured to a wall or other supporting surface C and the latter being secured to and carried by the base D of a suitable fixture E and preferably arranged within the confines of the recessed portion F of the base D, so that the complete device is concealed from view when the fixture is attached.

55 The member or part A of the device is preferably fashioned from a single sheet of resilient metal which is cut, bent and formed to provide a rectangular substantially central portion 10 having at its opposite side edges correspondingly offset bearing ears 11, which ears are disposed in the same plane with each other and in a plane parallel to the medial portion 10. The offsetting of the bearing ears provides the member A at the juncture of said ears with the medial portion 10, with parallel vertical or longitudinal shoulders 12. The ears 11 are apertured to receive therethrough screws or similar securing devices 13 for anchoring the member or part A to the wall or other supporting surface C. The medial portion 10 of the member or part A is provided with a slot or opening 14 intermediate its length and between the opposite ends of the slot and the opposite ends of the portion A, serrations or their equivalent 15 and 16 are formed on the rear surface of the medial portion. The lowermost end of the medial portion is provided with an inturned flange 17 which, in addition to strengthening the structure at this point, also serves as a stop or limiting flange, the purpose of which will be hereinafter developed.

60 The part or member B, which is also fashioned from a single sheet of resilient material, defines a flat plate 20 which conforms generally to the size and shape of the medial portion 10 of the member or part A and which is centrally apertured as at 21 to accommodate securing means such as the riveted portion 22 of the fixture base D. The plate 20 is provided with laterally projecting arms 23 near one end thereof, which arms are of a size and shape to snugly engage with the inner periphery of the recess F formed in the fixture base, so that said arm terminals and the riveted portion 22 firmly or fixedly hold the part B against any rela-
tive movement with respect to the fixture base. The side edges of the plate 20 are formed with outwardly projecting marginal beads 24 which are spaced apart in parallel relation transversely of the device B, a distance to snugly engage with the shoulders 12 of the part or member A. The lower end of the plate 20 is provided with an offset tongue 25 of reduced width, which is bent and disposed at an angle to the remaining portion of the plate 20. The upper end of the plate 20 is formed with a reversely bent overhang 26 which is formed with a substantially inverted U-shaped cutout 27 defining a resilient inwardly bent tongue 28.

After the member or part A has been anchored to the wall or supporting surface C, the fixture E with the part or member B secured thereto is detachably associated with and supported from the wall or surface C by engaging the marginal beads 24 over the shoulders 12 at a point where the lower end of the tongue 25 is above the lower edge of the slot or opening 14 and the lower edge of the overhang 26 is above the upper end of the medial portion 10. Employing the beads and shoulders 24 and 12 as a guide, the fixture is then moved bodily downward so that the overhang 26 engages behind the medial portion 10 of the member A, and simultaneously the tongue 25 engages behind the lower part of the medial portion 10. The resilient tongues 25 and 28 engage with the serrations 16 and 15 respectively and act as detents which serve to frictionally retain the fixture in its attached position against casual or unintentional displacement.

From the foregoing, it will thus be seen that a fixture attaching and supporting device has been disclosed which affords a concealed means of connection between a fixture and a supporting wall or surface and which functions to rigidly maintain the fixture in the proper position while permitting of its removal when desired.

While there has been illustrated a single and preferred embodiment of the invention, it is to be clearly understood that no limitation is intended to the precise structural details, and that variations and modifications thereof which fall within the scope of the claims may be resorted to when desired.

What is claimed is:

1. A fixture attaching and supporting device of the indicated character having the combination of a pair of members respectively carried by and secured to the fixture base and a supporting surface, the former member consisting of a sheet of resilient metal fashioned to provide a flat plate having transversely spaced vertically extending marginal guide beads, an offset detent tongue at one end for engagement behind and with the second member and a reversely bent overhang at the opposite end cut out to provide a second detent tongue extending in an opposite direction to said first tongue and for engagement behind and with the second member; the second member consisting of a sheet of resilient metal fashioned to provide a transversely medial offset portion of a width corresponding to the spacing of the guide beads and slotted longitudinally and serrations on the under surface of said medial offset portion between the slot and its ends, with which serrations the detent tongues engage.

2. A fixture attaching and supporting device of the indicated character having the combination of a pair of members respectively carried by and secured to the fixture base and a supporting surface, said members each being fashioned from a single sheet of resilient material to provide cooperative portions for guiding the same for vertical sliding movement, one of the members having a slotted portion intermediate its upper and lower ends and serrated portions between its ends and the slotted portion and the other member having offset oppositely directed tongues engageable behind the other member and with the serrated portions thereof.

3. A fixture attaching and supporting device of the indicated character having the combination of a pair of interlocking members respectively carried by and secured to the fixture base and supporting surface, the former member consisting of a sheet of resilient metal cut, bent and formed to provide a flat plate having transversely spaced vertically extending marginal guide beads, an offset angularly disposed detent tongue at the lower end thereof, a reversely bent spaced parallel terminal at the upper end thereof, and an upwardly projecting tongue carried by and directed inwardly from said terminal toward the rear face of the other member; the other member being fashioned from resilient sheet material to provide a flat plate having a transversely medial offset portion defining transversely spaced vertically extending shoulders to cooperate with the guide beads and slotted between its upper and lower ends to receive the lower detent tongue and serrations on the rear surface of said offset portion between the opposite ends thereof and the slot for frictionally engaging the detent tongues.

4. A fixture attaching and supporting device of the indicated character having the combination of a pair of interlocking members respectively carried by and secured to the fixture base and supporting surface, the former member consisting of a sheet of resilient metal cut, bent and formed to provide a flat plate having transversely spaced vertically extending marginal guide beads, an offset angularly disposed detent tongue at
the lower end thereof, a reversely bent spaced parallel terminal at the upper end thereof, and an upwardly projecting tongue carried by and directed inwardly from said terminal toward the rear face of the other member; the other member being fashioned from resilient sheet material to provide a flat plate having a transversely medial offset portion defining transversely spaced vertically extending shoulders to cooperate with the guide beads and slotted between its upper and lower ends to receive the lower detent tongue and serrations on the rear surface of said offset portion between the opposite ends thereof and the slot for frictionally engaging the detent tongues, the remaining laterally projecting portions of said member defining bearing ears apertured to receiving attaching means.

5. The combination with a wall fixture having a circularly recessed base, of an attaching and supporting device having the combination of a pair of members secured respectively to the wall and within the recessed fixture base, said latter member being fashioned from resilient metal to provide a flat plate having a medial aperture for receiving a securing means and having adjacent one end, laterally projecting arms engaging the periphery of the recess, and oppositely projecting angularly disposed offset detent tongues carried by said member for engagement behind and with the first mentioned member adjacent its upper and lower ends; the first mentioned member being fashioned from a single sheet of metal having an offset slotted portion formed with serrated rear surfaces and behind which and with the serrations of which said detent tongues frictionally engage, the said members being respectively provided with cooperative vertical guide means consisting of the sides of the offset portion of the first mentioned member and correspondingly spaced marginal beads formed on the other member.

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