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W. C. CRAVER
WALL BRACKET HANGER
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2,461,145

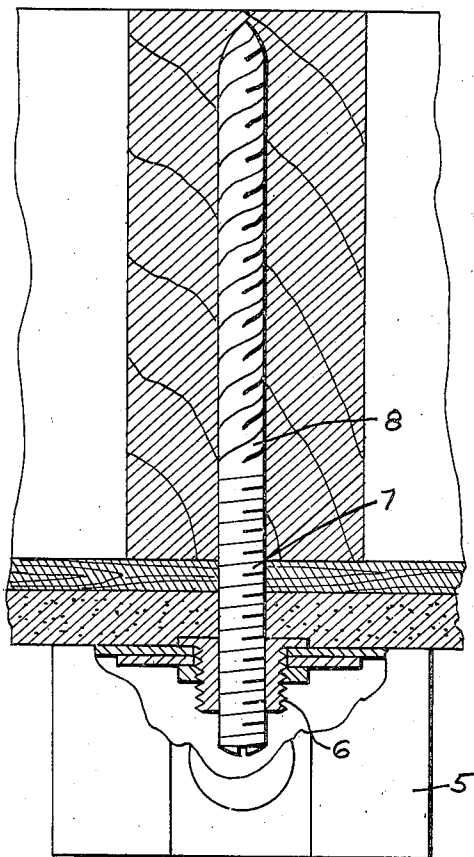


Fig. 1.

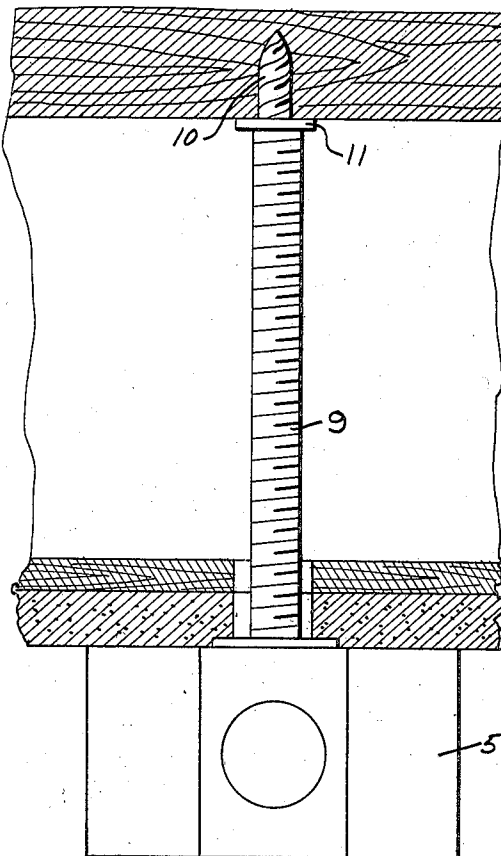


Fig. 3.

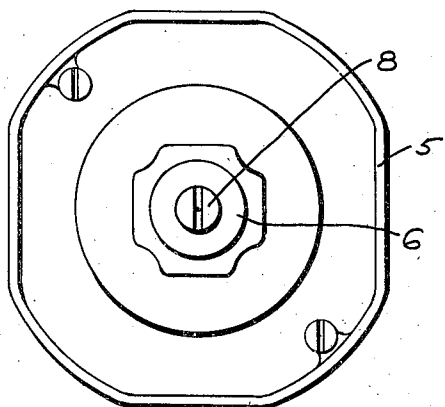


Fig. 2.

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WALL BRACKET HANGER

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1 Claim. (Cl. 248—216)

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This invention relates to wall bracket hangers designed for use in connection with outlet boxes, the primary object of the invention being to provide means whereby an outlet box may be readily and easily secured and supported, the hanger being positioned in a beam of the building structure with which the hanger is used.

With the foregoing and other objects in view which will appear as the description proceeds, the invention consists of certain novel details of construction and combinations of parts herein-after more fully described and pointed out in the claim, it being understood that changes may be made in the construction and arrangement of parts without departing from the spirit of the invention as claimed.

In the accompanying drawing the preferred form of the invention has been shown.

In said drawing:

Figure 1 is an elevational view illustrating a hanger constructed for positioning in a beam.

Figure 2 is a plan view of an outlet box, equipped with a securing screw, constructed in accordance with the invention.

Figure 3 is an elevational view illustrating a modified form of hanger used in supporting an outlet box by its contact or engagement with the flooring of the room above the room in which the outlet box is being positioned.

Referring to the drawing in detail, the reference character 5 indicates an outlet box which is provided with an opening in which the bushing 6 is positioned, the bushing 6 being provided with threads to accommodate the threads 7 of the securing screw 8 which is adapted to be positioned in an opening of a beam of the building in which the outlet box is being secured.

In Figure 3 of the drawing, a modified form

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of the invention is illustrated, and comprises a main screw 9 formed with a reduced end 10, the screw 9 and reduced end 10 being separated by means of washer 11 that provides a stop to prevent the reduced end 10 of the screw from being extended too far into the floor boards of the room directly above the room in which the wall box is being secured, as shown by Figure 3.

From the foregoing it will be seen that due to the construction shown and described, I have provided a hanger or bracket for use in securing wall boxes to ceilings or walls without the use of the usual securing straps now employed in hanger construction.

Having thus described the invention what is claimed is:

A hanger for wall boxes having a central opening formed therein, an externally and internally threaded bushing secured within the opening, a screw embodying a threaded shank secured within the bushing, a reduced threaded end on the shank, said reduced threaded end of the shank adapted to be secured within a supporting member, and a washer secured to the shank at the base of the reduced end of the shank for engaging the supporting member and restricting movement of the screw into the supporting member.

WILLIAM CARL CRAVER.

REFERENCES CITED

The following references are of record in the file of this patent:

UNITED STATES PATENTS

Number	Name	Date
1,186,168	Buck	June 6, 1916
2,376,279	Schlenkert	May 15, 1945