Feb. 19, 1929.

1,702,986

A. WIEBMER

OUTLET BOX

Filed June 1, 1927

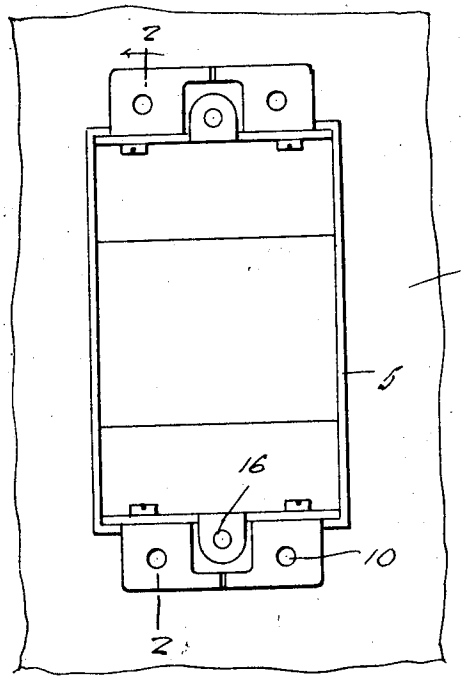


Fig. 1.

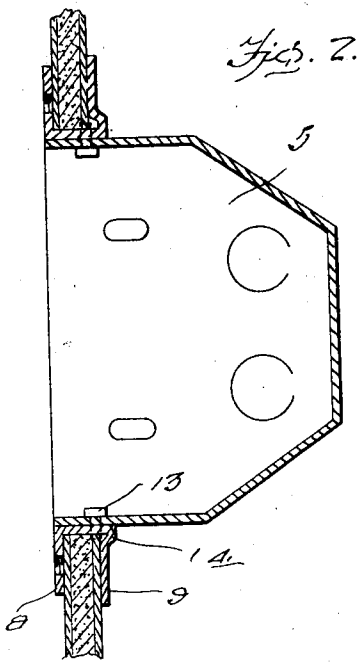
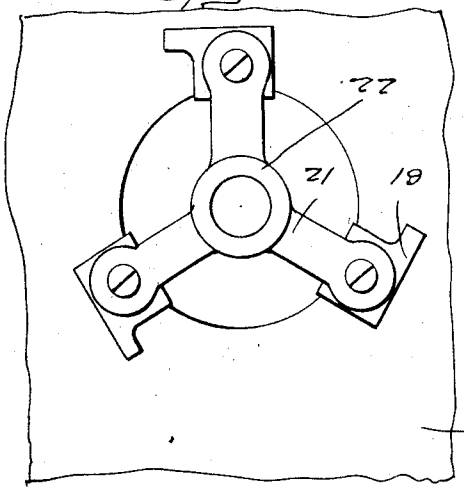


Fig. 2.

Fig. 5.



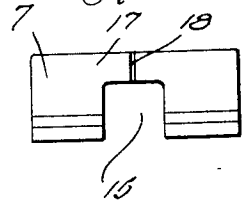


Fig. 3.

Fig. 4.

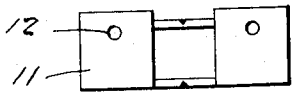
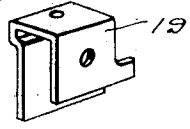


Fig. 6.



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Patented Feb. 19, 1929. 1,702,986

UNITED STATES PATENT OFFICE.

ANTON WIEBMER, OF QUINCY, ILLINOIS.

OUTLET BOX.

Application filed June 1, 1927. Serial No. 195,715.

My invention relates to outlet boxes such as are generally used in electrical construction work and more particularly to means for securely attaching the box to the opening formed in the wall.

At the present time plaster or wall board is extensively used in building construction and the formation of such plaster or wall board is frequently unadapted for rigidly attaching articles thereto and it is necessary at times to provide the reinforcing wooden block to properly enable articles such as switch and outlet boxes to be securely attached thereto. It is therefore an object of my invention to provide a fastening device adapted to be fitted at the edge of an opening within the wall board to serve as a rigid supporting means for articles of this character.

A further object of the invention is to provide a fastening device of this character of simple and cheap construction, embodying means for embracing the edge of the opening in the board, which may be easily and quickly secured in position and which further serves as a reinforcing means for the edge of said opening to prevent tearing thereof.

Other objects and advantages will become apparent from the following detailed description when viewed together with the accompanying drawing forming part hereof, wherein like numerals refer to like parts through and in which—

Figure 1 is a view in front elevation showing my outlet box fastener in attached position to a section of a wall,

Figure 2 is a vertical sectional view therethrough,

Figure 3 is a side view of the fastening,

Figure 4 is a bottom plan view,

Figure 5 is a plan view showing the fastening used for attaching an overhead fixture, and

Figure 6 is a perspective view of the fastening device used in Figure 5.

Referring now to the drawing I have shown my invention adapted for use in connection with an outlet box 5 adapted to be inserted through an opening formed in a wall 6 of a building, said wall in the present instance being shown as formed of wallboard as clearly shown by Figure 2 of the drawing. My invention comprises a fastening device for the box comprising a substantially U-shaped clip indicated generally at 7 arranged to be inserted over the edge of the opening formed in the board with one of the arms 8 thereof engaging one side of the board and the opposite arm 9 engaging the opposite side thereof. Openings 10 are formed in the arm 8 whereby to secure the same to the board by means of screws or the like. The base 11 of the fastener is arranged in abutting relation to the sides of the outlet box and an opening 12 is formed therein in alinement with a similar opening in the wall of the box whereby to permit a screw 13 to be inserted therethrough so as to secure the parts together. An offset indicated at 14 may be formed between the connection of the arm 9 and the base 11 permitting the opening 12 to be set inwardly from the outer face of the wall to accommodate certain types of boxes which are not arranged to be fitted flush with the wall.

Intermediate the ends of the clip is arranged a cut-out portion indicated at 15 which extends substantially through each arm 8 and 9 and entirely across the base section 11. The cut out portion 15 is adapted to receive ears 16 usually provided along the edge of the outlet box. By constructing a clip in the manner described above the ends thereof are connected together by a narrow strip 17 and such ends may be separated so as to form a pair of relatively smaller clips as shown by Figure 6 of the drawing. A convenient method of separating the clips may be provided by cutting a shallow recess indicated at 18 along one face of the strip 17 and in this manner the clips may readily be broken apart.

The individual clips thus formed indicated at 19 may be used to engage the edge of an opening formed in the ceiling board 20, a sufficient number of such clips being provided to form the fastening means for the arms 21 of a ceiling fixture 22. By employing fastening clips for attaching outlet boxes embodying the features comprising my invention it is obvious that the same will be secured in a rigid and permanent manner without danger of splitting or tearing the edges of the wallboard.

It is obvious the invention is susceptible of

various changes and modifications without departing from the spirit thereof or the scope of the appended claim and I accordingly claim all such forms of the device to which I am entitled.

I claim:

A wall fastening for outlet boxes comprising a channel shaped member having a perforation intermediate its ends extending through the web of the channel and a part of each leg, the remaining portion of each leg being traversed by a scored section to facilitate the ready severing of the channel into two pieces.

In testimony whereof I affix my signature.

ANTON WIEBMER.