April 2, 1935. C. O. WALPER 1,996,223

CEILING CONSTRUCTION

Filed June 9, 1933

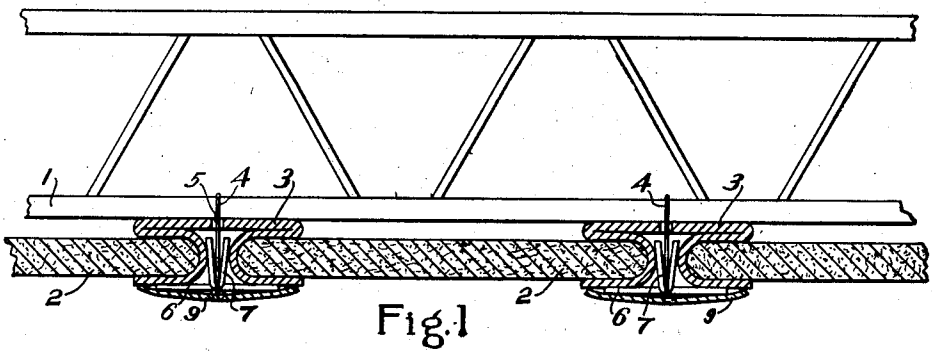


Fig.1

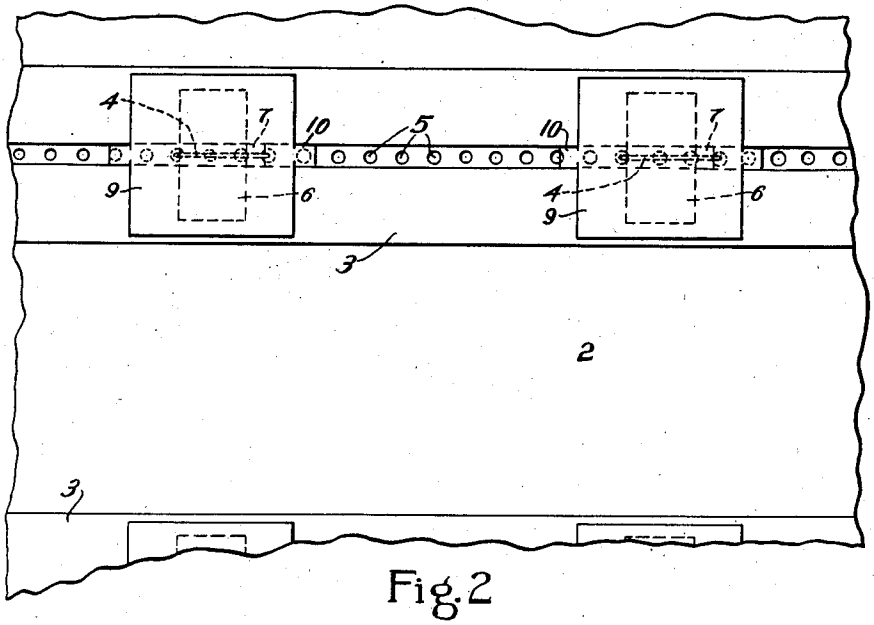


Fig.2

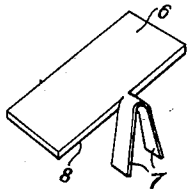


Fig.3

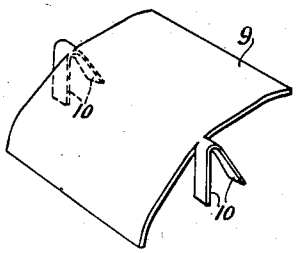


Fig.4

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CEILING CONSTRUCTION

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3 Claims. (Cl. 72—118)

This invention relates to ceiling constructions and particularly to that type of ceiling in which wallboard is used.

Heretofore various forms of channels and clips have been used for attaching wallboard to beams and the like to provide a base on which plaster or other surfacing material may be applied. An object of the present invention is to provide an effective but less expensive ceiling construction for use particularly with the open truss type of joist now so commonly used. A further object is to provide an economical type of construction where the panelling effect is desired and which may be used without the necessity of the application thereto of plaster. It is also an object of the invention to provide a construction which may be erected at a minimum of cost for labour and materials, thus making it possible to effect a substantial reduction in the cost of the erection of various types of buildings.

The invention will now be described with reference to the accompanying drawing, in which—

Figure 1 represents a section through a ceiling embodying the invention;

Figure 2 is a plan view of a portion of such ceiling;

Figure 3 is a perspective view of a supporting clip, and

Figure 4 a perspective view of a joint covering device.

In the drawing, 1 represents a joist of the open truss type on which the ceiling is erected. 2 indicates wallboards supported by means of double channel members 3 which are supported on the joist by means of straps 4. These straps are preferably of round wire inserted through holes in the base plate 5 of the channels, looped over the lower section of the joist and securely tied with the clip 6 inserted in the space between the channels and within the loop. The clip 6 has partially cut-away portions providing spring fingers 7 which hold the clip in place with the flat side portions 8 bearing on the channel member as shown. The clips support the load carried by the straps and simplify the operation of snugly applying the straps to evenly mount the channels and wallboards carried thereby. A finishing block 9 may now be placed over the joint to conceal the strap and clip and add to the appearance of the structure. This block is provided with spring fingers 10 or other suitable means for securing the block in place. The block may be provided with rosettes or other decorative features, as desired.

It will be observed that a simple inexpensive construction is provided, giving a panelling effect owing to the spaced location of the channel members. The exposed flange portions of the channel members are flat and are in close contact with the face of the boards. The ceiling may be painted, tinted or decorated in any desired way. The finishing blocks break the continuity of the joints and add to the appearance of the ceiling in this way, as well as by concealing the clips and straps.

I claim:

1. A ceiling construction comprising in combination, joists, wallboards, double-channel members engaging said wallboards, a double winged clip engaging the exposed face of said channel members and a strap engaging said winged clip and said joist to support the ceiling on said joist.

2. A ceiling construction as defined in claim 1, having a finishing block engaging said channel member and covering said clip and strap.

3. A ceiling construction comprising in combination, joists, wallboards, double-channel members engaging said wallboards, a clip member engaging the exposed face of said channel members and a strap member projecting through said channel members and engaging the clip member to support the ceiling on said joists.

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