M. H. JESTER.

STRUCTURE FOR PARTITIONS, CEILINGS, AND THE LIKE.

APPLICATION FILED NOV. 29, 1918.

1,348,009. Patented July 27, 1920.

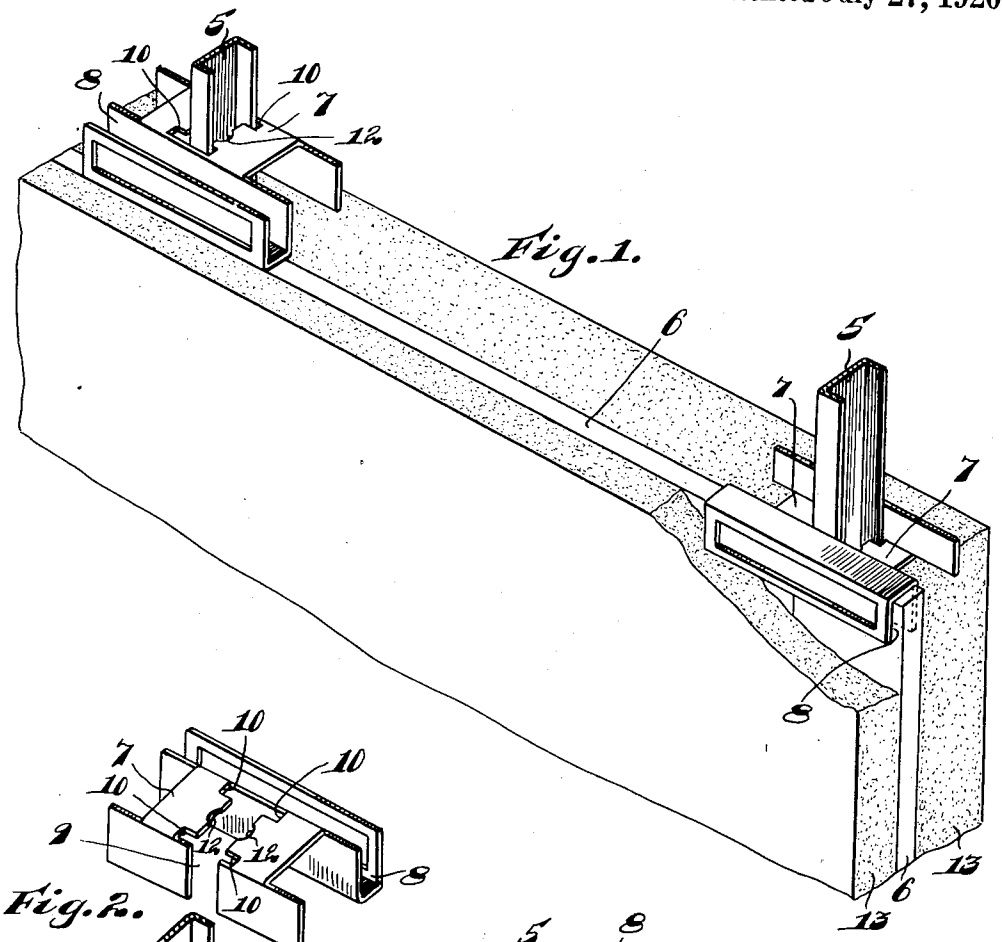


Fig. 1.

Fig. 2.

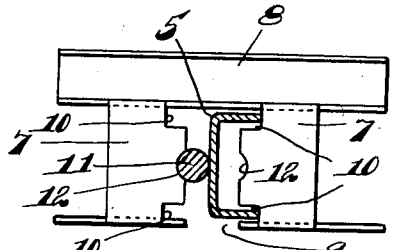


Fig. 3.

Witnesses:
C. E. Wessels
A. A. Olson

Inventor:
Marvin H. Jester,
By Joshua R. H. Potts
his Attorney.

UNITED STATES PATENT OFFICE.

MARVIN H. JESTER, OF CHICAGO, ILLINOIS.

STRUCTURE FOR PARTITIONS, CEILINGS, AND THE LIKE.

1,348,009. Specification of Letters Patent. Patented July 27, 1920.

Application filed November 29, 1918. Serial No. 264,553.

To all whom it may concern:

Be it known that I, MARVIN H. JESTER, a citizen of the United States, and a resident of the city of Chicago, county of Cook, and State of Illinois, have invented certain new and useful Improvements in Structures for Partitions, Ceilings, and the like, of which the following is a specification.

My invention relates to improvements in structure for partitions, ceilings and the like, and has for its object the production of a structure of this character which will permit of ready and easy assembling or installation, and which will possess great strength and rigidity. A further object is the production of a building structure as mentioned, which will be of durable and economical construction and highly efficient in use.

Other objects will appear hereinafter.

The invention consists in the combinations and arrangements of parts hereinafter described and claimed.

The invention will be best understood by reference to the accompanying drawings forming a part of this specification, and in which,

Figure 1, is a sectional perspective view of a partition embodying the invention,

Fig. 2, a perspective view of one of the anchoring bars and the connecting member used in conjunction therewith, and

Fig. 3, a plan view of the parts seen in Fig. 2, except that said parts are here shown in operative relation with each other, the anchoring bar and key being shown in section.

The preferred form of construction, as illustrated in the drawings, comprises spaced anchoring bars 5, which, in practice, are securely anchored at their ends so as to adapt the same to support plaster boards 6 which are secured thereto. The members 5 are of channel-form, said bars being so arranged that the channels thereof face in a direction parallel with the plane of the plaster boards.

The plaster boards, at the points of registration of the edges thereof with the bars 5, are connected with the latter through the medium of fastening devices, each of which comprises a sheet metal body 7 formed at one side with a channel 8 adapted to embrace one edge of the plaster board. The opposite side of the member 7 is of angular formation, and the same is provided with a medial laterally opening slot 9 adapted to loosely receive the anchoring bar 5.

The opposite sides of the slot 9 are formed with spaced notches 10, adapted to engage with the sides of the channel bar 5, as clearly seen in Fig. 3, to lock the member 7 against lateral shifting with relation to said anchoring bar. Both sides of the slot 9 are thus notched in order to allow for inversion of the fastening member or application thereof to either side of the anchoring bar.

The arrangement is such that in attaching the member 7, the latter is first shifted laterally to effect engagement of the notch 9 thereof with the bar 5, whereupon said member 7 is shifted longitudinally to effect engagement of the notches 10 at one side thereof with the sides of the channel of the anchoring bar. The member 7 is then locked against longitudinal shifting so as to prevent disengagement of said notches 10 from the sides of the anchoring bar, by means of a key or wedge 11, which may be simply an ordinary nail, which is slipped in between the back of the anchoring bar and the adjacent side of the slot 9. In order to hold said key against relative movement, the member 7 is notched, as at 12.

With the construction set forth, it will be seen that an arrangement is provided whereby the members 7 may be readily and quickly applied, and in a manner to effectively lock the same in position.

When the structure formed by the parts 5, 6 and 7 is completed, the same may be provided with a coating of plaster or other finishing material 13.

While I have illustrated and described the preferred form of construction for carrying my invention into effect, this is capable of variation and modification without departing from the spirit of the invention. I, therefore, do not wish to be limited to the precise details of construction set forth, but desire to avail myself of such variations and modifications as come within the scope of the appended claims.

Having described my invention, what I claim as new and desire to secure by Letters Patent is:—

1. In a building structure of the character described, the combination of an anchoring element; a board; means for connecting said board and anchoring element, comprising a member engaging with said board and having a laterally opening slot

engaging with said anchoring element, said slot being notched at one side, whereby said member, through longitudinal shifting thereof, will interlock with said anchoring element and be held thereby against lateral shifting; and means for locking said member against longitudinal shifting in order to interlock with said anchoring element, substantially as described.

2. In a building structure of the character described, the combination of a channel-formed anchoring element; a board; means for connecting said board and anchoring element, comprising a member engaging with said board and having a laterally opening slot loosely engaged by said anchoring element; notches in the sides of said slot engageable by the channel sides of said anchoring element to lock said member against lateral shifting from engagement with said anchoring element; and means for holding said member against shifting in a direction to effect disengagement of said notches from said anchoring element, substantially as described.

3. In a building structure of the character described, the combination of a channel-formed anchoring element; a board; means for connecting said board and anchoring element, comprising a member engaging with said board and having a laterally opening slot loosely engaged by said anchoring element; notches in the sides of said slot, engageable by the channel sides of said anchoring element, to lock said member against lateral shifting from engagement with said anchoring element; and a key inserted between said member and said anchoring element for holding said member against shifting in a direction to effect disengagement of said notches from said anchoring element, substantially as described.

4. In a building structure of the character described, the combination of a channel-formed anchoring element; a board; means for connecting said board and anchoring element, comprising a member engaging with said board and having a laterally opening slot loosely engaged by said anchoring element; notches in the sides of said slot, engageable by the channel sides of said anchoring element, to lock said member against lateral shifting from engagement with said anchoring element; and a key inserted between said member and said anchoring element for holding said member against shifting in a direction to effect disengagement of said notches from said anchoring element, said member being recessed to accommodate said key, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

MARVIN H. JESTER.

Witnesses:
THOS. A. JANN, Jr.,
M. BAKER.