July 2, 1968 P. R. CHAPPIE 3,390,494

STRIP FOR SPACING AND HOLDING BUILDING MEMBERS

Filed April 5, 1966

Fig.1

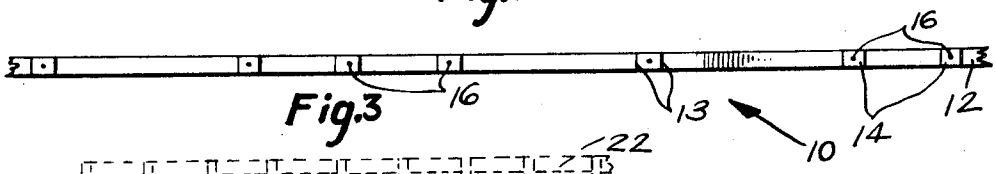


Fig.3

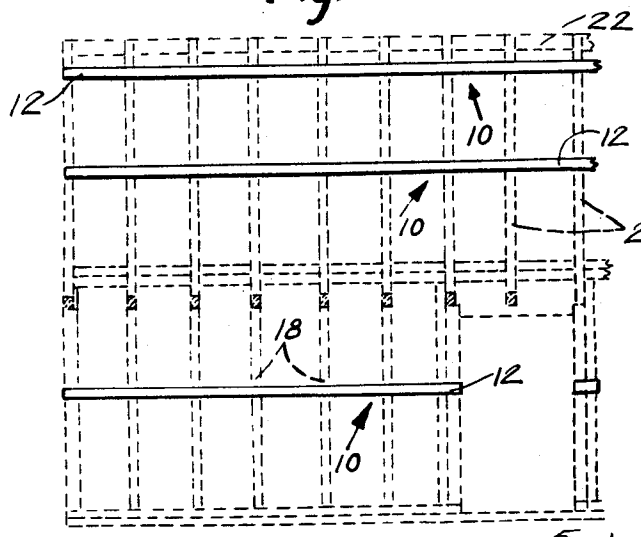


Fig.2

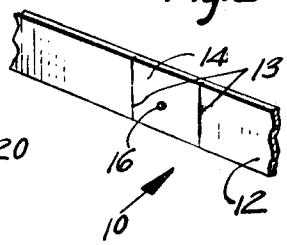


Fig.5

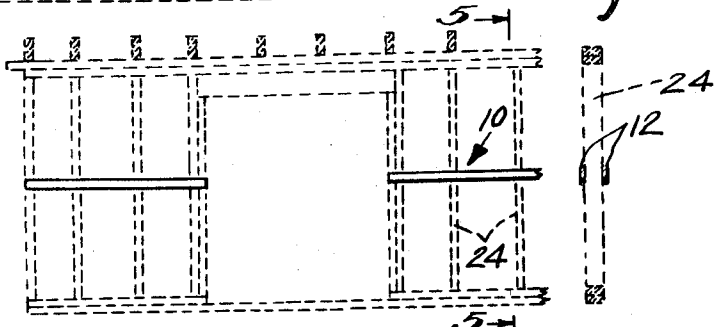


Fig.4

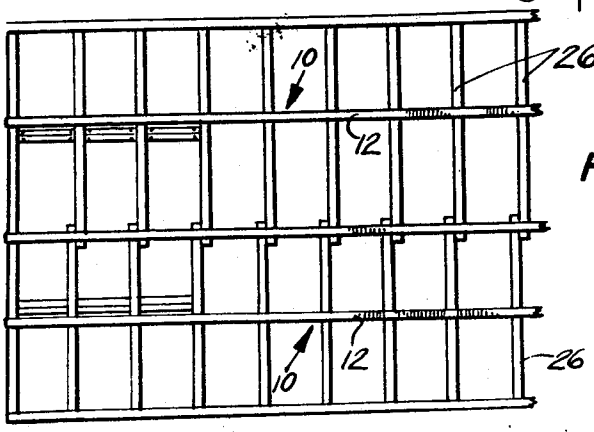


Fig.6

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STRIP FOR SPACING AND HOLDING BUILDING MEMBERS

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ABSTRACT OF THE DISCLOSURE

A flexible strap of highly ductile metal used for properly spacing apart the studs of a building structure, the strap including preselected, linear, transverse indentations spaced equal distance apart so to use as guides for spacing the studs.

This invention relates to devices for spacing structural building members, and more particularly a space holder.

It is therefore the main purpose of this invention to provide a space holder for spacing structural building members during the construction of a building thus avoiding the waste of material and labor.

Another object of this invention is to provide a space holder which will facilitate the accurate and rapid spacing of various types of building members.

Another object of this invention is to provide a space holder which includes a flexible strip adapted to be secured to the building members for spacing the same.

Still another object of this invention is to provide a space holder which is of simple construction, has a minimum number of parts, is inexpensive to manufacture and provides maximum utility to its user.

Other objects and advantages of this invention will become apparent from a consideration of the following detailed description taken in connection with the accompanying drawing, wherein a satisfactory embodiment of the invention is shown. However, it is to be understood that the invention is not limited to the details disclosed but includes all such variations and modifications as fall within the spirit of the invention and the scope of the appended claim.

In the drawings:

FIGURE 1 is a front elevational view of a section of the strip material forming a space holder shown in accordance with this invention.

FIGURE 2 is an enlarged fragmentary perspective view of the strip shown in FIGURE 1.

FIGURE 3 is a plan view of the device shown in FIGURES 1 and 2 in actual use upon the exterior side wall and roof rafters of a building unit.

FIGURE 4 is a front plan view of the use of the present invention of an interior wall.

FIGURE 5 is a transverse cross-sectional view taken along the lines 5—5 of FIGURE 4.

FIGURE 6 is a front plan view of a space holder made in accordance with the present invention when used upon the joist or beam, for supporting a multistory building unit.

According to this invention, a space holder **10** is adapted to include a flexible strip **12** of highly ductile metal strapping which may be readily pierced by nails or similar items during the construction of a building. This strip **12** has a series of pairs of linear indentations, which are perpendicularly positioned to the sides of the strip **12**, for full face engagement with structural building members, such as, studs, joists, trusses and perlins.

As it may be seen from FIGURE 1, the series of pairs of linear indentations **13** are prearranged to provide selective 16 inch or 24 inch spacing between centers, depending upon the type of construction. Furthermore, each flat **14** is provided with a central aperture **16** for receiving a nail or other fastener therethrough for mounting the strip to the spaced and held apart structural building member or members.

Looking now at FIGURE 3 of the drawing, one will see that spacer **10** is shown applied to the studding **18** of an exterior building wall, and to the roof rafters **20** thereabove. The strip **10** may also be used when a ridged board **22** is not used, whereby all of the mentioned building members are quickly and readily mounted in spaced and held apart relationship for permanent installation according to the conventional building methods. In FIGURES 4 and 5 of the drawing, the strips **10** are shown applied to both sides of the studding **24** of an interior wall or partition. FIGURE 6 shows that strips **10** are applied to the joist or beam floor supporting members **26** of a multistory building.

It will also be noted that because of the ductility of the strips **12** other wall members may be applied to the studs, joist and rafters without having to remove the strips after the previous components have been permanently secured in place. Once applied, the strips **10** form a permanent part of the building construction, and are readily perforated by nails during the application of the interior and exterior wall panels. It is also pointed out that strips **10** are preferably supplied in long and may be wound in rolls, so that they may be used in any desired length.

What I now claim is:

1. A space holder used in building construction comprising, in combination, a flexible strip, said strip having longitudinally spaced apart spacer portions defining predetermined units for spacing, holding the building members and adapted to be retained thereupon during the completion of a construction unit, each said spacer unit including at least a pair of spaced apart transversely extending linear indentations thereby 12–20 providing a flat or full face engagement with a structural building member, each one of said spacer portions including securement means for attaching said strip to spaced apart building and structural steel members, said flexible strip comprising a continuous low carbon, ductile metallic strap, said securement means including an aperture extending centrally through said portions, said flexible strip being provided in roll form for use in selective length, said spacer strip being adapted to form a permanent part of the building construction and being readily perforated by nails at any portion thereof, and each of said portions defining rectangular configuration on said strip bonded between a pair of said linear indentations, each said rectangular configuration having an opposite side which is relatively longer than the sides thereof comprised by said indentations.

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