Feb. 11, 1958 P. B. LIEBER 2,822,920

THRUST BLOCK METHOD OF CRATING PREFABRICATED OF SEMI-PREFABRICATED ASSEMBLIES

Filed July 6, 1954

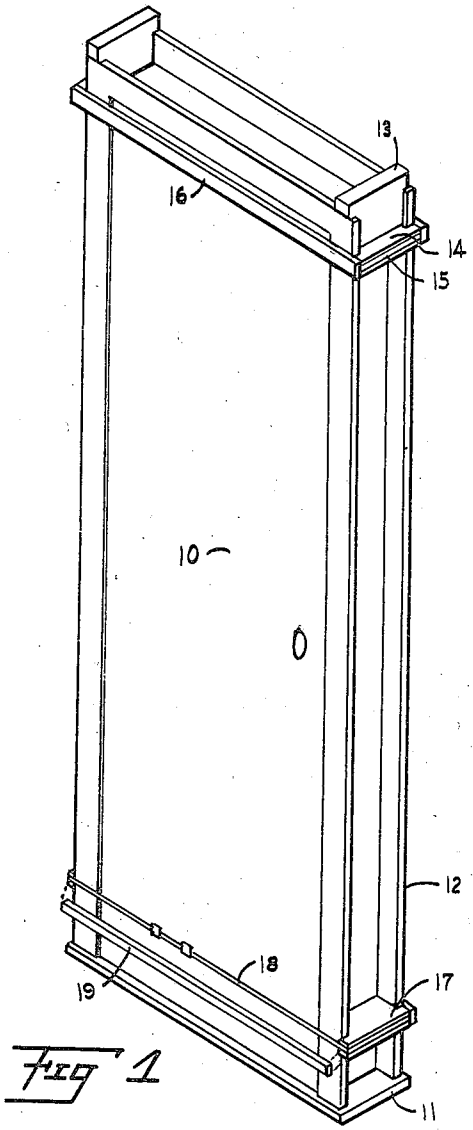


Fig 1

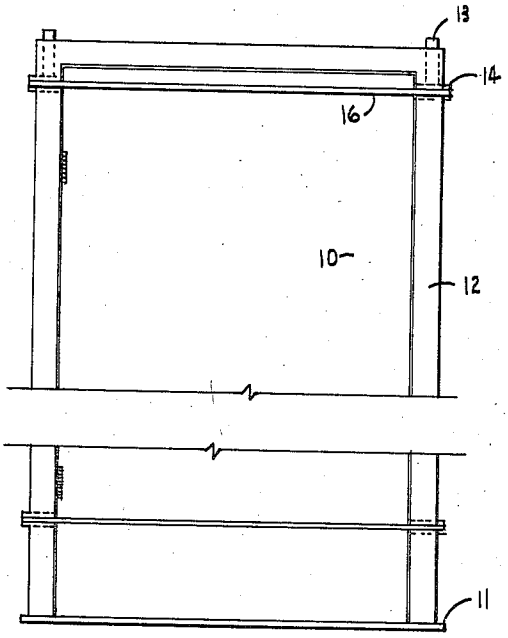


Fig 2

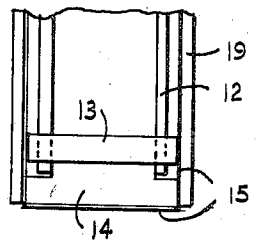


Fig 3

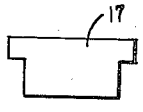


Fig 4

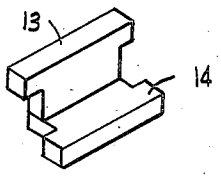


Fig 5

INVENTOR.

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United States Patent Office 2,822,920 Patented Feb. 11, 1958

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THRUST BLOCK METHOD OF CRATING PREFABRICATED OR SEMI-PREFABRICATED ASSEMBLIES

Philip Ben Lieber, Shreveport, La.

Application July 6, 1954, Serial No. 441,296

1 Claim. (Cl. 206—60)

This invention relates to the crating of prefabricated doors and the like and has for its principal object the provision of an inexpensive means for packing doors and other assemblies so that the same might be adequately protected against damage during storage or shipment.

Another object of the invention is the provision of a means of packing a door whereby the same is held rigidly and remains square until said packing means is removed.

These and other objects of the invention will become apparent in the course of the following detailed description when viewed together with the accompanying drawing in which:

Fig. 1 is an isometric view showing a prefabricated door packed for shipment or storage using the present invention.

Fig. 2 is a broken, front elevational view of the assembly illustrated in Fig. 1.

Fig. 3 is a broken top view of an upper corner of the assembly illustrated in Fig. 1.

Fig. 4 is a detailed view of one of the thrust block members included in the assembly of the invention.

Fig. 5 illustrates the respective positions of a pair of the thrust block members illustrated in Fig. 4.

In the drawing numeral **10** designates a prefabricated door as packed for shipment or storage. A single board **11** is placed at the bottom of the assembly and nailed to the side frames **12** for the protection of the bottom of the assembly. The bracing at each upper corner is the same, with two thrust blocks **13** and **14**. These thrust blocks are T-shaped in configuration and are placed relative to each other as in the manner illustrated in Fig. 5. The blocks are positioned between the side frames **12** of the door in the manner shown and at each upper corner. A steel tension band **15** is then positioned around the assembly and over the outer faces of the thrust blocks **14**. The band is then tightened and clamped. A wood strip **16** is then placed over the band **15** on both sides of the assembly and the ends of the strips are tacked to the end thrust blocks **14**. These strips **16** not only add to the

rigidity of the packing unit, but also serve as spacer members when the units are nested in storage.

The bottom of the assembly is prepared much in the same manner as the top except a single thrust block is used. A block **17** of the type illustrated in Fig. 4 is positioned near the bottom of the assembly on both of the jamb sides, as shown, in order to keep the side frames **12** in rigid, parallel relationship. A second steel band **18** is positioned transversely around the assembly and clamped in position, the thrust blocks **17** receiving the main thrust of the clamping band **18**.

Another wood strip **19** is used on both sides of the assembly to cover the band. One of these bottom strips **19** (Fig. 1) is shown slightly removed from position in order to illustrate the clamping band **18**.

While not shown in the drawing the invention also contemplates in its scope the removal of the bottom board **11** and also the preparing of the bottom of the door frame identically as that shown at the top of the door.

It can now be seen that by reason of the thrust blocks and the assembly as described above, a door can be adequately protected during shipment or storage. The thrust blocks protect the sharp corners of the frames from the action of the steel bands. The wood strips that cover the bands serve as bracing members and also as spacer members to properly space the units when they are nested in storage.

What is claimed is:

A packaging assembly for the protection of a pre-hung door complete with side trim comprising, a multiplicity of T-shaped spacer thrust blocks, a pair of said blocks having their foot portions joined at right angles to each other and being positioned at each upper corner of said assembly between the surrounding trim to maintain the same in a spaced parallel relationship, one of said blocks being positioned adjacent each lower corner of said assembly between the side trim elements, the heads of said T-shaped blocks overlying the outer edges of the trim elements and extending beyond their outwardly facing surfaces, a closing member across the bottom of said door and fastened to the lower ends of said side trim, bands encircling said assembly transversely and engaging said blocks in a manner to apply a compressive thrust to the same and additional strips positioned laterally across both faces of said door assembly and secured to said spacer blocks.

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