

Oct. 12, 1965

W. E. NORDMARK

3,211,508

STAND

Filed Sept. 9, 1964

2 Sheets-Sheet 1

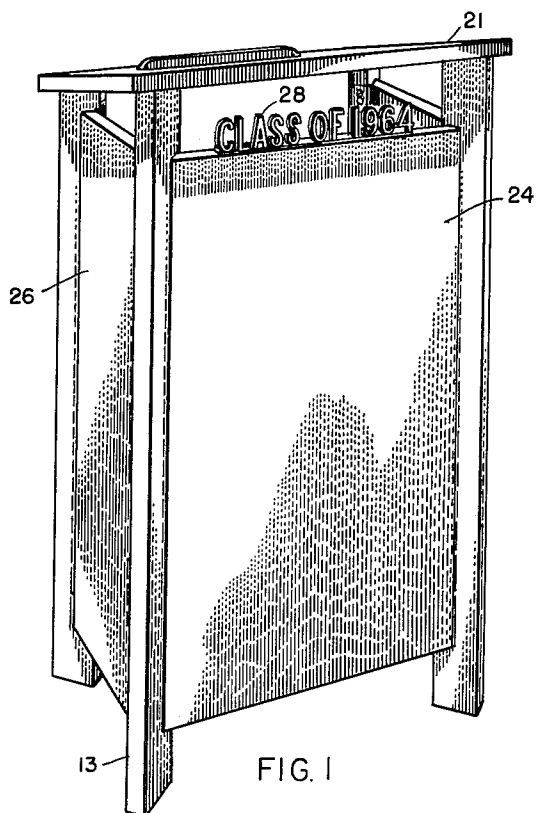


FIG. 1

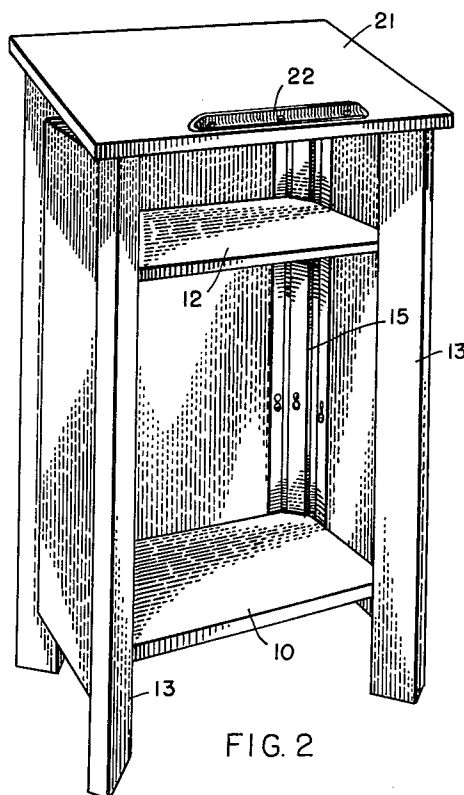


FIG. 2

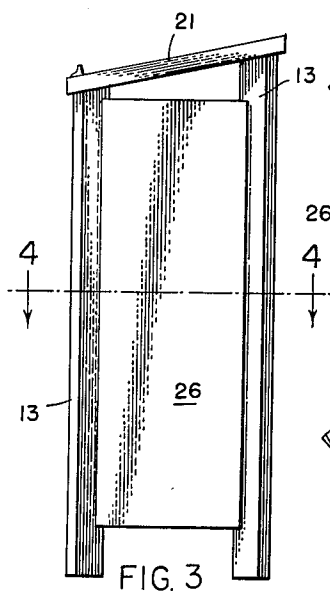


FIG. 3

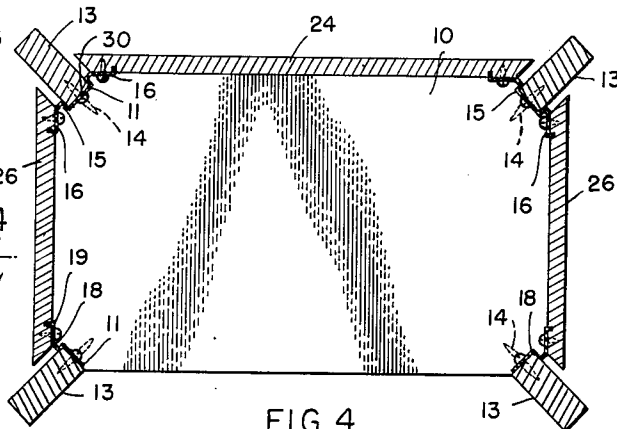


FIG. 4

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2 Sheets-Sheet 2

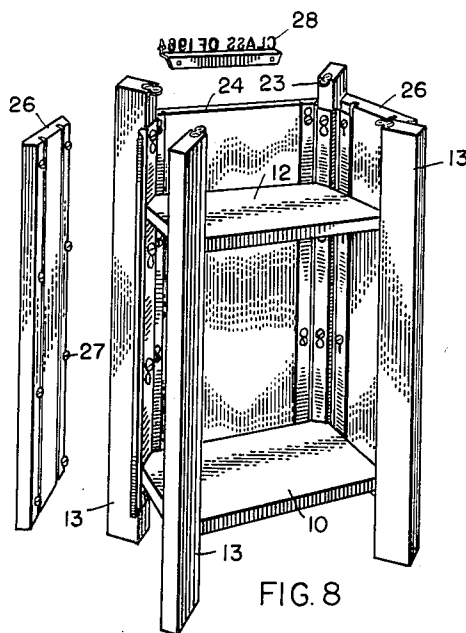
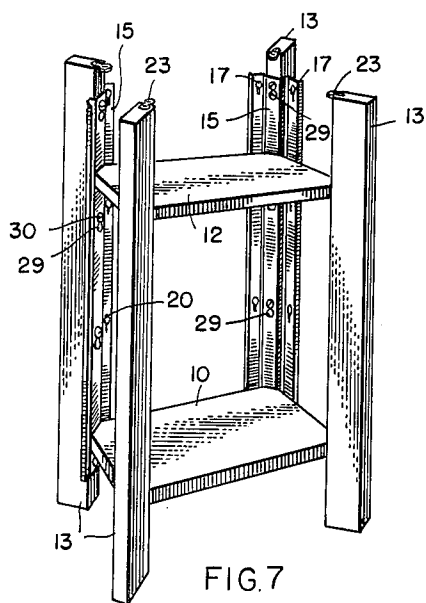
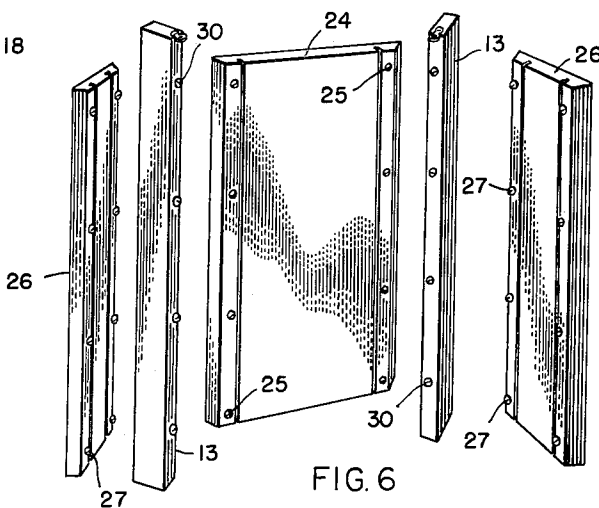
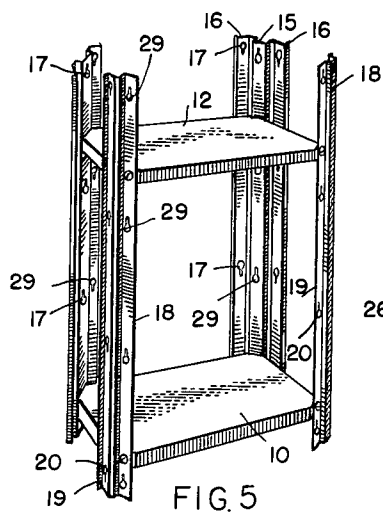


FIG. 9

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3,211,508
STAND

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1 Claim. (Cl. 312-257)

This invention relates to a stand, and is particularly useful as a speaker's stand or the like.

An object of the invention is to provide a stand of unique construction of the character set forth. A further object is to provide a stand of simple construction but which is highly effective against tilting while at the same time being formed of few parts secured together in a unique manner. A further object is to provide a stand having side panels which may be readily removed or assembled upon the frame. Other specific objects and advantages will appear as the specification proceeds.

In the illustration given, FIGURE 1 is a perspective view in elevation of the front portion of the stand; FIG. 2, a perspective view of the rear portion of the stand; FIG. 3, a side view in elevation; FIG. 4, a transverse sectional view, the section being taken as indicated at line 4-4 of FIG. 3; FIG. 5, a perspective view of the frame structure of the stand; FIG. 6, an exploded perspective view of posts and panels prior to their assembly in the stand; FIG. 7, a perspective view of the frame structure shown in FIG. 5 equipped with corner posts; FIG. 8, a view similar to FIG. 7 but showing side panels being secured upon the frame structure; and FIG. 9, a perspective view of the indicia bar for attachment to the front panel.

In the illustration given, 10 designates a board which may be formed of wood, metal or any other suitable material and which extends in a horizontal plane. The board is preferably of general rectangular shape, and the corner portions of the board are cut away to form angularly-related corner surfaces 11, as shown best in FIG. 4. An upper horizontal board 12 may also be employed and the corners thereof shaped in the same manner as board 10 shown in FIG. 4. Posts 13, which are preferably of rectangular and cross section, are secured to the corners of boards 10 and 12 by means of screws 14 or other suitable means, as shown best in FIG. 4. Extending between the posts 13 and the boards 10 and 12 at the forward side of the stand are the vertical support strips 15. The support strips 15 have laterally-extending flanges 16 provided with keyhole slots 17, the larger recess being on the upper side and the narrowed slot portion extending downwardly therefrom. Similarly, the posts 13 at the rear portion of the stand have support strips 18 with a side flange 19 provided with keyhole slots 20 similar to the keyhole slots 17.

The posts 13 at the rear of the stand are preferably cut away at an upwardly-inclined angle, and the forward posts 13 of the stand are also preferably cut away at an inclination aligned with the inclination of the rear posts whereby a stand top 21 may be supported thereon, as shown best in FIGS. 1 to 3. The stand top 21 may be provided at the bottom part thereof with a holder 22 for supporting papers, etc. on the stand top. The tops of the posts or legs 13 are preferably provided with perforated retainer plates 23, as shown best in FIGS. 7 and

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8, enabling screws to be passed therethrough and into the tops 21 for anchoring the same on said posts.

Any number of panels may be provided for the stand. In the illustration given, a front side panel 24 is provided with rearwardly-extending screws 25 having their heads adapted to be passed through the large recesses of keyhole slots 17 and secured thereto. Similarly, panels 26 provided with attachment screws 27 may be secured to the support flanges 16 and 19 fitting into the keyhole slots 17 in flange 16 and into the keyhole slots 20 of flange 19.

When the stand is used as a speaker's stand, the front removable panel may be employed for carrying any desired indicia or decorative design. In the illustration given, a plate 28 bearing the raised letters "Class of 1964" is secured to the top of the panel 24 and displayed as shown in FIG. 1. In this case, the sign itself may be readily removed, but, if desired, the front panel 24 may bear any other imprinting or decoration, and when the stand is to be used for a different purpose or meeting, the front panel 24 may be removed and another panel bearing other desired indicia or information may be substituted.

In the foregoing structure, the legs or posts 13 extend from the corners of the boards 10 and 12 in a radial direction, thus providing great stability against tipping, etc. Further, the side panels 24 and 26 have chamfered or beveled ends which parallel the sides of the radial posts 13, thus serving to buttress the posts against lateral movement and also concealing from view the support strips 15 and 18.

The support strips 15 are preferably provided centrally with keyhole slots 29 which have enlarged recesses on the lower side and a narrowed slot portion on the upper side, thus being reversed in direction from the keyhole slot 17. This arrangement is desired because the entire weight of the frame body is suspended upon the posts 13, and the screws 30 carried by the posts extend through the slots 29 for supporting such frame structure.

In the assembly of the stand structure, the partition boards 10 and 12 may be secured to the strip supports 15 and 18, as shown best in FIG. 5, screws 14 being passed through the strips and into the boards 10 and 12. To the frame structure thus formed, posts 13 may now be secured, as illustrated in FIG. 7, screws 30 carried by the posts being anchored within the slots 29 of the strips 15 and 18. Side panels 24 and 26 may be attached by the engagement of the screws thereof with the keyhole slots provided in the strips 15 and 18. Finally, the head or top board 21 may be secured in place by passing screws into the board and through the attachment fittings 23 carried at the top of the posts 13.

For disassembly, for substitution of new panels, or for shipping the parts in collapsed or flat position, the various screws, if tightened, may be loosened and the side panels removed by drawing them upwardly to align the enlarged recess of the keyhole slots with the heads of the screws. Similarly, the posts 13 may be removed and the partition or horizontal boards may be separated from the support strips.

Instead of employing screws, as shown in the drawings, it will be understood that studs equipped with heads may be employed. I prefer to employ screws, however, because these may be readily adjusted to tighten the structure and also adjusted for ready removal of the parts.

While in the foregoing specification I have set forth a specific structure in considerable detail for the purpose of illustrating an embodiment of the invention, it will be understood that such detail or details may be varied widely by those skilled in the art without departing from the spirit of my invention.

I claim:

In a stand, a pair of spaced-apart upper and lower horizontal boards of generally rectangular shape, each board having its corner portions cut away to provide angular corner surfaces, vertical support strips secured to said corner surfaces of said boards and having laterally-extending flanges, posts of generally rectangular cross section aligned with said corner surfaces and extending radially therefrom, said support strips having channels for receiving said radially-extending posts, said posts at their inner ends and said support strips being provided with releasable interlocking elements for supporting said strips upon said posts, side panels for three sides of said stand, and releasable interlocking elements on said laterally-extending flanges and said side panels for supporting

said side panels releasably upon said laterally-extending flanges.

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