center marks are lined up. The bolt heads should be resting on the baseboard, the threaded end protruding through the slot. Make sure that all the slots are on the right hand side of the baseboard. (fig. 6). When you're done, your baseboard should look like fig. 7 with the threaded end of a bolt sticking up through each slot.

7) Locate the 1/4 x 1/2 x 24" clamping rails (part 5). There are two in the kit. You'll glue the inside edge of the rail to each of the cross members exactly 1-7/8" from the outside edge of the baseboard...make sure you measure from the edge of the baseboard and not from the edge of the rail. The narrow side (1/4") of the rail should be glued down. Make sure it is straight and square (fig. 8).

8) Take the other 1/4 x 1/2 x 24" clamping rail. Beginning at one end, draw a center line every 6" (see fig. 9). Take the small walnut slides 1/8 x 1 x 1-1/2 (part 6) and draw a center line on each. Match up the center lines and glue them to the rail. Make sure they are square and that the slots line up exactly with the slotted pieces you've already glued onto the baseboard.

9) You should now have two separate assemblies as shown in fig. 10.

10) Place the clamping rail you just made on the baseboard, making sure that the screw heads come through each slot. (fig. 11). The moveable rail should slide back and forth easily. If doesn't, sand out the slots a bit. When you're satisfied with the movement, put a washer on each bolt and finish it off with a wing nut. Your baseboard should now look just like fig. 12.

11) Next, find the two large basswood alignment heads (parts 7 & 7A). Glue them squarely together, clamp, and set aside to dry (fig. 13).

12) Find the two triangular shaped basswood supports (part 8) and the two remaining walnut

Fig. 5

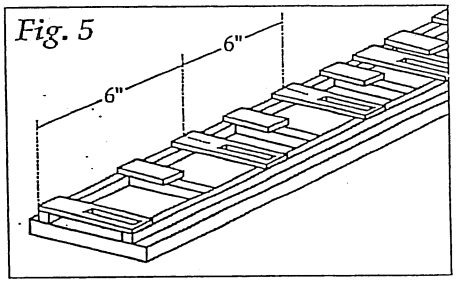


Fig. 6

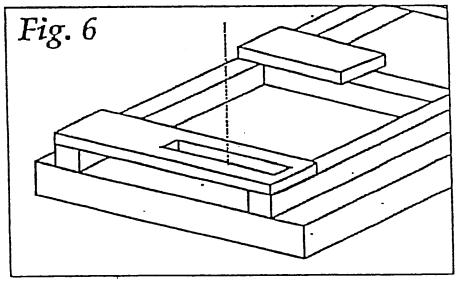


Fig. 7

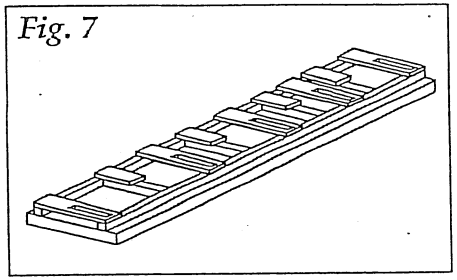


Fig. 8

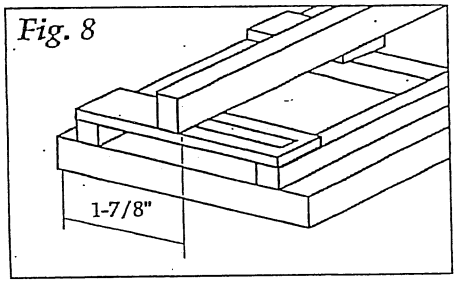


Fig. 9

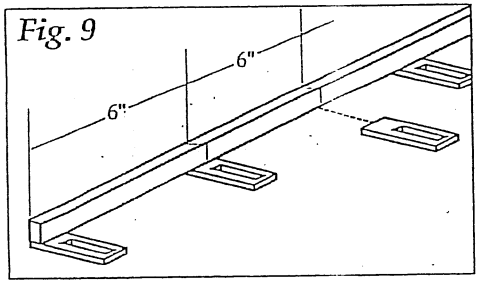
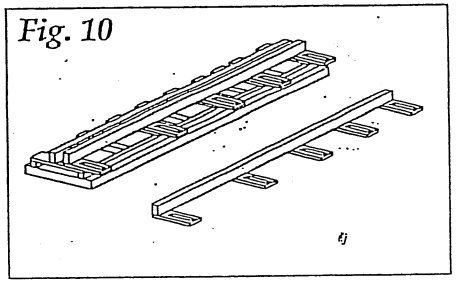


Fig. 10



slides. Glue the slides to the supports as shown in fig. 14. Then strengthen the joint by gluing a piece of 3/16" square basswood stock in place as shown. Repeat the process for the other support.

13) When all is dry, assemble the alignment head as shown in fig. 15. Make sure that the heads of the bolts are on the side of the basswood with the bigger slot...this way the head of the bolt and the washer will be recessed. Finish the assembly with washers and wing nuts on the other side.

14) You now have two large "H" shaped basswood pieces left in the kit (part 9). Take them and the 4 basswood feet (part 10) and glue them together as shown in fig. 16. Make sure that the toe and heel of the feet are square and exactly 4" apart. Don't worry that they seem to be sitting on an angle...they're designed to face each other (fig. 17).

15) Glue a scrap piece of 3/16" square stock to the face of each support you just made (fig. 18). These are designed to stiffen the support, so it doesn't flex during clamping.

16) Next, take the 4 rounded basswood jaws (part 11) and using a bolt, two washers (one on each side) and a wing nut, secure them to the supports (fig. 19).

17) You should now have four assemblies as in fig. 20. The headstock and tailstock will sit at either end of the baseboard. They will be tilted toward each other. The alignment head will slide up and down the baseboard as needed.

18) To use the Fair-A-Frame, clamp your false keel to the baseboard using the clamping rails...push the moveable rail toward the false keel until it's snug. Then tighten each of the wing nuts. Be careful not to over-tighten!

19) Set the headstock at one end and adjust the moveable jaws up, down or sideways to accom-

Fig. 11

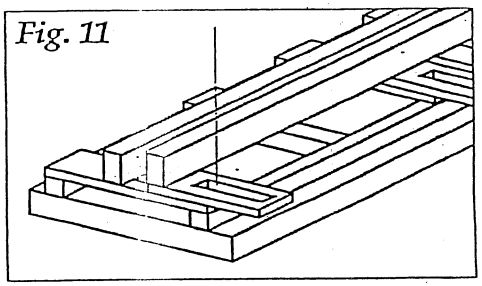


Fig. 12

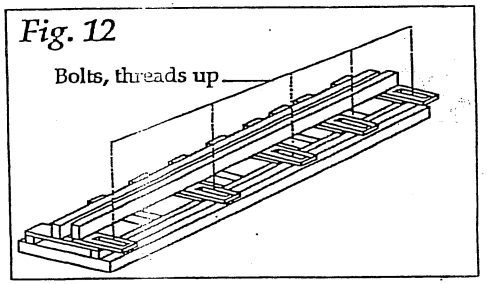


Fig. 13

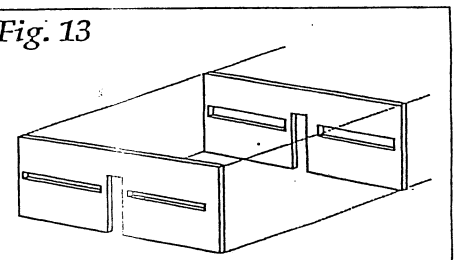


Fig. 14

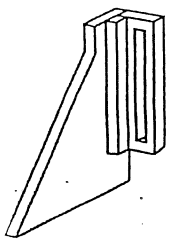


Fig. 15

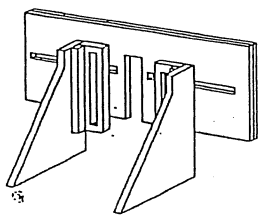


Fig. 16