- 2) Lay out pieces J and measure and mark locations of pieces C as shown (Fig. 3). Glue the edges of C and place between two of the pieces J and nail through J into C with 1 1/2" finishing nails. Glue one side of each inset in the two pieces D and nail through J into D with 1 1/2" nails. Remember that the bottom edge of D is flush with the bottom (natched) edge of J. Glue the other edges of C and D, place the other J on top and nail to pieces C and D with 1 1/2" nails. Repeat this procedure to create the two "mirror image" CDJH assemblies shown (Fig. 4). Lay these three assemblies onto pieces I, fitting the insets
- 3) Pre-drill eight 1/8" equally spaced holes in each piece L, countersink with a 1/4" bit, and glue and screw to pieces F as shown (Fig's 5) with 27 #8 fathead screws through the holes you drilled. The edges of L are 1 1/2" in from the edges of F and flush at the bottom. Drill two 1/8" holes in the ends of pieces F, countersink with a 3/8" bit 3/8" deep. Assemble pieces E and F in a square with E's between F's, and pre-drill into E, through the holes in F with a 1/16" drill bit. Screw F to E with 3 1/2" #8 fathead screws. Attach headboard to E by holding one piece B up against E, 2 1/4" from the bottom and 15" in from outside of F. Pre-drill two holes through B with a 1/4" affil bit to a depth of 1/8". Screw B to E with 2 1/4" #8 flathead screws. Repeat for the other piece B on the edge of E. Use a scrap piece of 2x6 to support it. Pre-drill two holes through each B and slightly into A with a 1/4" affil bit. Countersink B with a 1/4" bit to a depth of 1/8". Screw pieces B to A with four 2 1/2" #8 flathead screws. Repeat for the other pieces B to A with four 2 1/2" #8 flathead screws. Repeat this procedure with the second piece A, spacing it 1 1/2" above the first piece A, (Fig 6). Glue and insert the eight 3/8" wood buttons into the holes in F where it has been screwed to E.
- 4) Make a simple box with pieces M and N, placing pieces N between the pieces N, gluing the edges of M, and nailing through N into the edges of M with 11/2" finishing nails. Give the bottom edges of M and N, piace on drawer bottom 0 and nail 0 to pieces M and N with 1" finishing nails. Pre-drill through the front piece M with six 11/4" #8 flathead screws. The bottom edge of G should be flush with the bottom edge of Q, and the side edges profruding past N 3/8" on either side. Attach the drawer pulls, you may have to drill a bit into M to do this if the pharmacra is not long enough. Repeat for the other three drawers (Fig 7) where the drawer pulls, you may have to drill a bit into M to do this if the
- 5) Place the top assembly on the base. Pieces L will fit on top of pieces D, which are lower than the tops of J, providing a sturdy support frame. Following the manufacturer's instruction on your side mount drawer hardware, mount the hardware so that the drawer littles back and forth, as for up as possible and still clear piece F (Fig 5, Detail). Remember that if the bed is placed on carpet the carpet will have a tendency to obstruct the drawer movement. You have 3,4* to play with, try for 1/16* under F and 5/8* above floor.
- 6) Place in pieces K, do not nail or glue (Fig 8). Set all nails with a nail set, or use a finishing nail to drive the heads of the nails slightly below the surface. Fill the nail and screw holes with wood putty, sand and finish with stain and varnish, or oil.

n materials

Putty knife

FIGURE 8

Hand or power drill 1/8", 1/4", and 3/8" drill bits

river for drawer hardware

Jigsaw or router Table Saw Vood chisel This is a finished wood project, so use good material. We suggest clear pine or cedar, although you can really do a good job with ook. Use wood to match the rest of your bedroom furniture.

