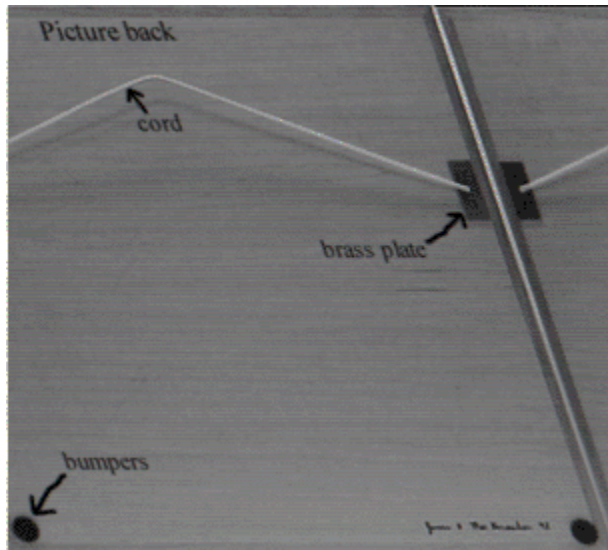


PICTURE HANGING

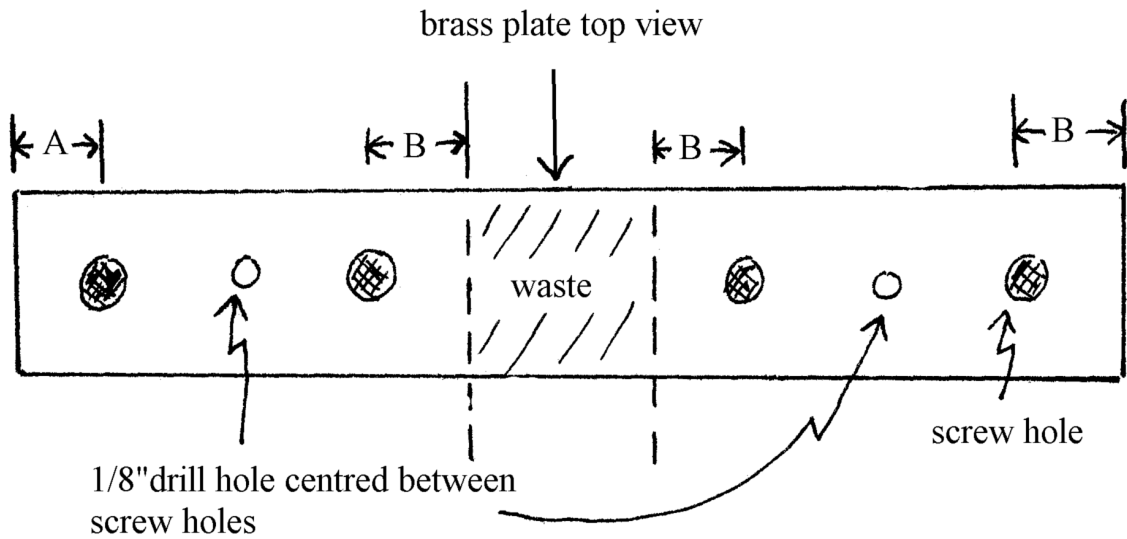
by Jim MacKeracher



This article outlines the technique I use to hang marquetry pictures. See Figure 1.

The following is a list of equipment required:

- - solid brass joining plate 3"x1/2"x1/16",
- - drill and 1/16", 1/8" and 1/4" diameter drill bits,
- - hack saw,
- - screw driver,
- - metal centre punch or a nail,
- - hammer to strike centre punch,
- - awl or a nail,
- - masking tape,
- - tape measure or ruler,
- - white glue,
- - pencil and felt pen,
- - peel and stick rubber or felt bumper pads,
- - metal file,
- - vise or clamp,
- - 3/32" diameter braided nylon sash cord.



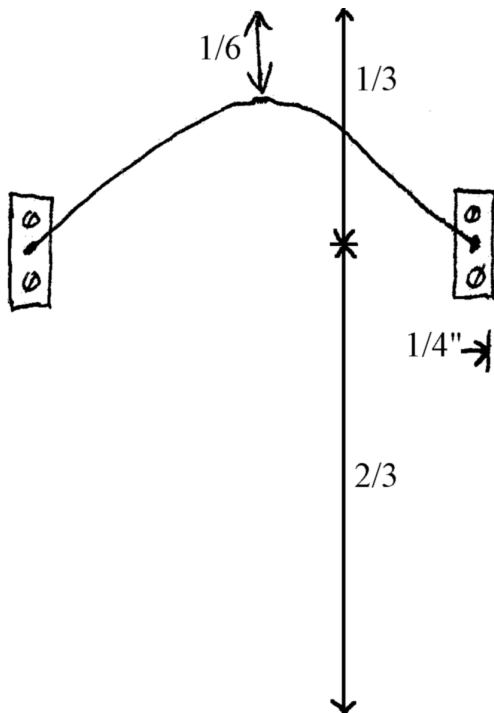
STEP 1

The brass plates I use have 4 predrilled screw holes. Two more holes have to be drilled for the hanging cord to be inserted. Mark with a centre punch on the good side of the brass plate the centre between the screw holes at both ends as seen in Figure 2. Drill 1/8" diameter holes through the plate at both locations. File the metal burrs off the back of the plate resulting from the drilling operation.

STEP 2

Measure distance 'A' as shown in Figure 2. On the back of the plate mark off (with a felt pen) distances 'B' so 'A=B'. Draw lines across the plate at both locations. Saw along the lines with a hack saw. File the burrs from the newly cut ends of the two pieces of plate.

STEP 3

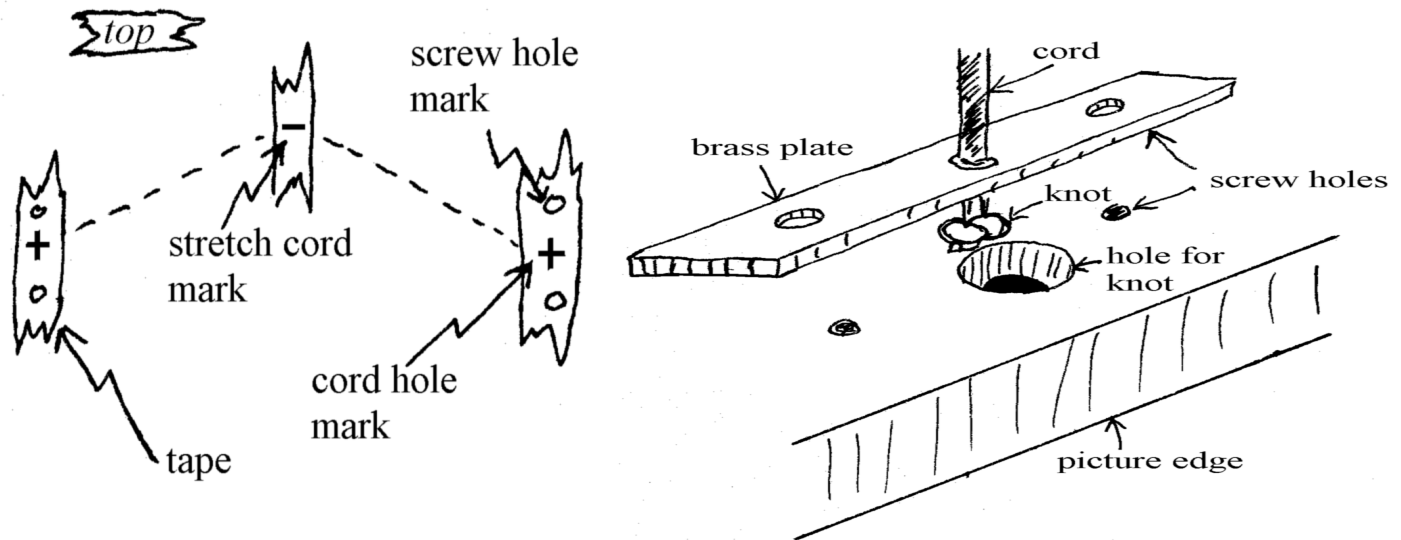


The guidelines I use for the placement of the plates have their centre located 1/3 the overall length down from the top of the picture and the edge of the plate 1/4" from side edge of the picture. The cord should stretch up to 1/6 the distance from the top of the picture as shown in Figure 3.

On the top back of the picture place a piece of masking tape so you do not accidentally hang the picture upside-down. I like to place pieces of masking tape as shown in Figure 4 to make it easier to mark the

positioning on the back of the picture. Mark with a pencil and ruler onto the masking tape the two cord holes placement with a '+' and the highest distance the cord will stretch with a '-'. Centre a plate over a '+' and adjust it so it is parallel to the picture's edge. Mark with a pencil onto the tape the screw hole locations with a 'o'. Do the other side with the other plate. Make sure not to mix up the plates and their markings because they may not be interchangeable. Use an awl to dimple the centre of the two cord marks ('+') and four screw marks ('o') to prevent the drill bit from slipping off the mark.

Tie a knot at one end of a test piece of cord. Trim off the excess cord leaving 1/8". Test drill 1/4" diameter hole into a piece of scrap so the hole is just deep enough to hold the knot as shown in Figure 5. Wrap a piece of tape around the drill bit to act as a stop indicator. Drill similar holes at the cord hole locations marked by a '+'.



STEP 4

Drill 1/8" pilot holes for the screws at locations marked by a 'o'. Be extremely careful not to drill through the picture, a drill stop is advisable. Make sure the screws are not too long. Remove the two pieces of tape at the plate locations.

STEP 5

Thread one end of the cord through the centre hole of one plate from the good side. Tie a knot on the back side and trim as in Step 3. Place a drop of glue on the knot so it will not unravel and putace.

STEP 6

Remove all remaining tape and residue. Stick on the bottom corners bumper pads to prevent the picture from damaging the wall and vice versa.

Closing Remarks

This method is similar to an article was written by Doug Denton in the October 1989 issue of the Marquetry Society of Canada's Newsletter. Doug went a step further and mortises the plates into the back of the picture.