



This violin, bow, and music book can be removed from the frame and replaced in a matter of seconds with no tools needed. The frame is Gravity Groove, described on page 27. Formed-rod mounts hold the violin and bow in place, while the music book is held by mounts fabricated from clear acrylic.

Removable Mounting

Mounts may be devised to enable removal and replacement of objects without extensive work, special skills, or special tools. Removable mounting calls for a frame that is designed and built to be opened and re-closed. Refer to Chapter Three for suitable frame designs.

When removable mounts are appropriate, it is important to know a customer's intentions for the project. For example, how often is the frame to be opened? If the object is to be removed only occasionally, such as a silver spoon that needs polishing every few years, then perhaps an ordinary shadowbox frame with turnbuttons would be the most practical. On the other hand, if a frame contains a collection of fishing lures and a customer wants to take them out frequently to use or to trade, then a frame's structure as well as its removable mounting provisions should be designed accordingly.

Usually, the removable mounting may be created to fit only the original object, but sometimes it needs to accommodate a similar but not identical object. For example, the owner of the fishing lure collection might want to trade them from time to time and may need to place different lures in the existing mounts. Likewise, a working collection of fountain pens or antique garment buttons might call for versatile mounting provisions. The owner's intentions are supposed to be revealed in the design discussion, and the removable mounting should be designed to accommodate the intended purpose.

Most of the same materials used for permanent mounting of objects may also be used for removable mounts. The same attributes and limitations generally apply to either type of mount.

Formed Rod Mounts

Formed rod mounts may be permanent or removable depending on the rod material and how it is formed to fit an object. In some applications, permanent and removable



These removable Formed Rod Mounts provide three points of support for the fragile instrument in a Gravity Groove enclosure. Note that the mounts may be arranged to hold the item at any angle from the mount board. A smooth-surface mounting board may be prepared before the mounts are installed, such as covering fluted polypropylene with matboard or fabric. Or, after the mounts are installed and padded with shrink tubing or other padding material, the mount board may be covered with fabric like moiré silk or satin that is rumpled for an interesting background effect.