



Furniture Restoration Report

Client Name: Sciarini
Date: February 2011
Object name: Golden retriever coffee table
Dimensions: 41" L X 24" W X 24" D

Object and Problem Description

The table is an art piece. Construction is a cold press molded resin. The table depicts a Golden Retriever swimming in the water. A glass top represents the water. The dog's head is above the glass top. The swimming dog body is below the glass top.

The problem

The table is artistically beautiful but structurally inadequate to handle the glass top; especially if heavy objects are placed on the top. The weight of the glass top is concentrated on 3 points that represent curved underwater wood branches. The curved resin underwater wood branches are hollow and are not reinforced with metal.

The front and back glass supports of the piece broke under the weight of the glass top.

The repairs

The rear leg needed additional support. A metal rod encased with epoxy resin was inserted to reinforce the structurally weak curve. The epoxy resin was then carved to match the original texture of the piece. The repair was then colored with acrylic paint to match the original piece.



Epoxy reinforcement



Matching the texture and color



Completed repair of rear structure



The front leg was cracked and failing due to the glass top weight. The piece needed support. Reinforcement by metal was not possible due to the curve. The leg was hollow. Two holes were drilled into the leg. 2 part epoxy glue was inserted in stages and at different levels to consolidate the interior of the leg. The glue was allowed to cure one week. The holes and original break were then filled and colored to match the piece.



Epoxy Insertion



Completed Repair – Front leg





Completed Front & Back repair.

Repairs accomplished by Marshall Young

Respectfully submitted by Richard K. Patch, AIC Member
Astonish Antique Restoration
Roanoke VA