The support stand is made from 1.32" diameter (OD) plastic pipe. The joints are glued together carefully with the appropriate cement found in the plumbing section. An eyebolt is attached on the top cross bar to hang "Tarzan and his vine" from. The hot wire is Chromel (nichrome) wire from Cenco Scientific - the same stuff mentioned in the Tarzan Swing Teachers Manual. The connecting wires carrying the current to the hot wire are attached to the support stand with plastic spring clamps (available in hardware stores).