

Cup Hook

Steve Bloom

Materials: 20' of 1"x3/16"
12' of 1/2"x1/8"

Mark at 1' and 4' from both ends

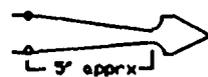
Working on one end at a time...



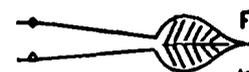
Draw a point



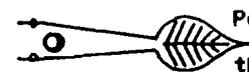
Spring fuller notches



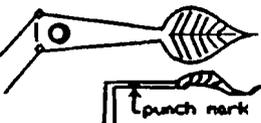
Draw a taper



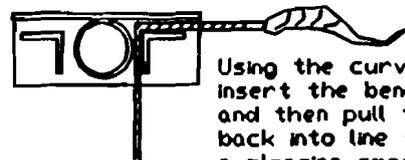
Form a leaf and chisel
veins and rib. Shape leaf
into a life-like form.



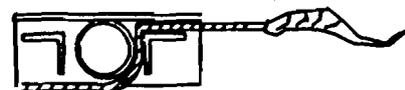
Punch a counter-sink
but don't punch all
the way through.



Make a right-angle bend
at the 4' marks.



Using the curve former,
insert the bend as shown
and then pull the stock
back into line - forming
a pleasing smooth curve.



Repeat all steps on the other end of the bar.

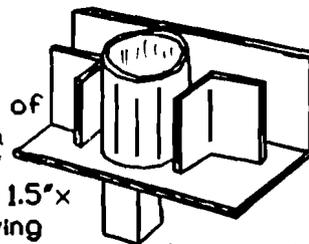


Using a bending fork, bend the leaf through
180 degrees, then bend the leaf forward so
it lies over the top of the smooth curve but
does not block the counter-sink depression.
Mirror-image the other leaf.

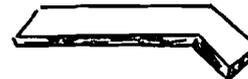
Jigs:

Curve Former:

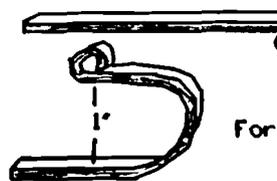
Weld 2 pieces of
1"x1' angle & a
section of 1.5'
pipe to 5' of 1.5'x
1.5' angle, leaving
0.25' between pieces. Add a hardy
stub.



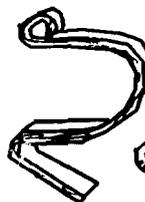
Spacer: kink an 8' piece of 1"x1/4'
flat stock.



Hook Creation:



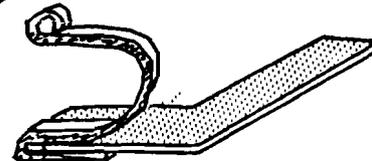
Form a
finial on a
6' piece of
1/2"x1/8"
stock



Form a hook

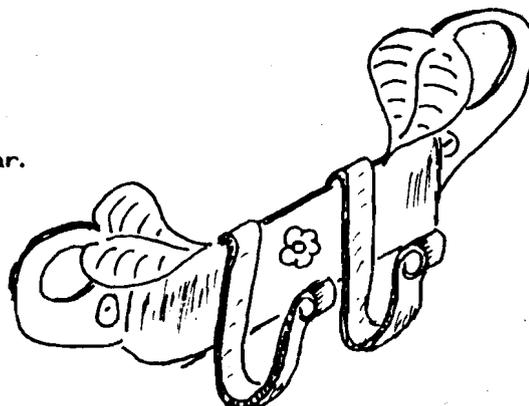


Fold the rear of the
hook through a right
angle (take care not
to crush the hook)



Use the spacer to close the rear of
the hook to a 0.25' gap. Make 2 or 3
such hooks.

Drill out the mounting holes and use
whatever surface treatment you like.



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