

MAKING A MUSKRAT HARPOON

STEP 1

CUT A PIECE OF
 $\frac{3}{8}$ " MILD STEEL
STOCK ABOUT
15" LONG

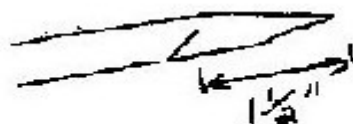
STEP 2

HEAT ONE END
AND DRAW IT
TO A TAPER



STEP 3

CUT INTO STOCK
WITH A HACKSAW
AT A 40° ANGLE
UNTIL YOU CUT
APPROXIMATELY
 $\frac{1}{2}$ WAY THROUGH
THE STOCK.
START ABOUT $1\frac{1}{2}$ "
FROM THE TIP



STEP 4

MAKE ANOTHER
CUT THE SAME
WAY ON THE OTHER
SIDE OF THE STOCK
ABOUT $5\frac{1}{2}$ " BACK
FROM THE TIP.

CUT IN
OPPOSITE
DIRECTION



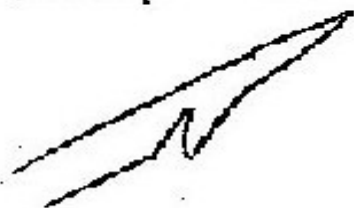
STEP 5

FORGE A SQUARE
TAPER ON THE OTHER
END AND MAKE A 90°
BEND IN THE LAST $\frac{3}{4}$ "
OF THE TAPER



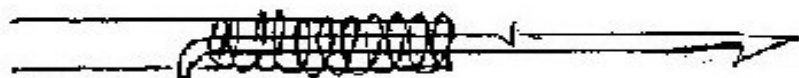
STEP 6

HEAT CUT AREAS
AND OPEN UP WITH
A SHARP CHISEL



STEP 7

SHARPEN POINT
WITH A FILE AND
LASH TO A POLE
ABOUT 8' LONG



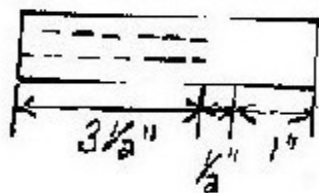
MAKING A FISH SPEAR

STEP 1

CUT A 5" LONG
PIECE OF 1" x 1/4"
1084 FLAT BAR.

STEP 2

MAKE THE FOLLOWING
CUTS WITH A HACKSAW.



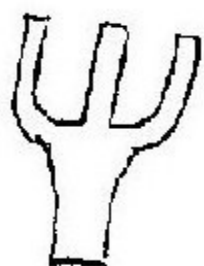
STEP 3

HEAT UP AND
SEPARATE THE
TINES



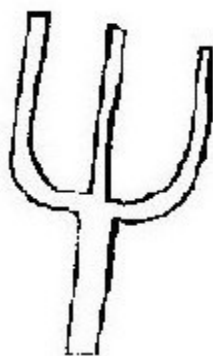
STEP 4

FULLER OPEN
THE TINES FURTHER
TO SPREAD THEM
OUT AND FORM
THE FORK



STEP 5

DRAW OUT BACK
TO FORM THE
TANG.



STEP 6

DRAW OUT EACH
TINE TO A POINT.



STEP 6

FLATTEN POINT
AND CUT BARB
WITH A SHARP
COLD CUT.



STEP 7

CURL BARB
AND SHARPEN
POINT.



STEP 8

HEAT TREAT BY
HEATING TO AN
ORANGE HEAT AND
QUENCH IN OIL.
POLISH AND REHEAT
TO DRAW BACK TO
A LIGHT BLUE SPRING.

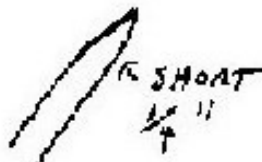
MAKING A FISH HOOK

STEP 1

FIND SOME $\frac{1}{8}$ " DIA.
CARBON STEEL STOCK
OR SPRINGS
7018 WELDING ROD
1095 ROUND STOCK
1184 ROUND STOCK
4" STOCK LENGTH

STEP 2

DRAW END
TO A TAPER



STEP 3

FLATTEN END
SLIGHTLY TO
EXPOSE METAL
FOR BARB.



STEP 4

CUT BARB WITH
A SHARP COLD
CUT. NOTE: THE
COLD CUT MUST
HAVE A SHARP
PROFILE LIKE A
KNIFE.



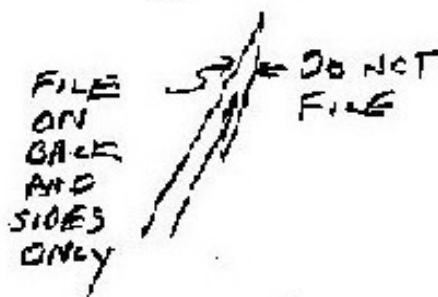
STEP 5

HEAT AND
STRAIGHTEN
THE POINT
AND BARB



STEP 6

CURL BARB
AND SHARPEN
HOOK.



STEP 7

HEAT SHANK
OF HOOK AND
BEND TO SHAPE
OVER HORN



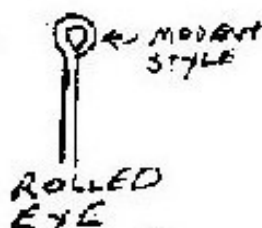
STEP 8

FORM EYE
OF HOOK

TYPE 1



TYPE 2



STEP 9

HEAT TREAT BY
HEATING TO AN
ORANGE HEAT AND
QUENCH IN OIL.
POLISH AND REHEAT
TO DRAW BACK TO A
LIGHT BLUE SCAFF
TEMPER.