

Saltfork Craftsmen Artist-Blacksmith Association

January 2013



You can see who does the work in this family....

Saltfork Craftsmen
Artist-Blacksmith Association
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(Gerald Franklins stepping down as workshop coordinator in 2013. We need volunteer to take this assignment. Contact board member is interested)

The Saltfork Craftsmen Artist-Blacksmith Association, a non-profit organization of amateur and professional artist and craftsmen, publishes this newsletter monthly. Our purposes are the sharing of knowledge, education and to promote a more general appreciation of the fine craftsmanship everywhere. We are a chapter of the Artist-Blacksmith Association of North America.

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Visit our Saltfork Craftsmen Website:
www.saltforkcraftsmen.org

Editors notes:

This is the first newsletter for the year 2013. Since it is January I guess that the world did not come to an end on Dec. 21 2012 so we have to get back to work.

Some of the things that we need to get busy with are some basic house cleaning. We all need to look at the backs of our newsletter and see when our memberships expire. If you have a M-13 then you need to get your dues into the editor by the end of March. You get a 30 days grace period so get them in early.

Next is the election to our board. We have several members who's terms our up this year. We need anyone that is interested in running for the board to get their name to the secretary so it can be placed on the ballot.

We have a board of directors meeting at 1:00 pm on February 9th during the meeting at Bill Kendall's. If you have anything that you want the board to consider you need to get it on the agenda by contacting Dan Cowart in writing with the request. Remember that you have to be present at the meeting to present your request.

Please look over the dates on page 10. these are the meeting dates for each region. You will see there are still a lot of them that say OPEN. This means that they need host. Please consider hosting a meeting this year. Fill out the form on page 10 and get it into the editor.

You should have noticed that Gerald Franklin is stepping down as workshop coordinator. If you are interested in helping out with this, please submit you name to the secretary before the board meeting in Feb. so we can fill this position asap.
Editor.



From the Prez.....

We are members of “Saltfork Craftsmen Artist Blacksmith Association”.

So what does it take to be an artist/blacksmith? Have you ever thought about it? Do you have to attend an art school? Study design? Get a Degree? Have you ever asked yourself, am I an artist/blacksmith?

I myself have trouble drawing a stick-man, have never had any art training, even did not do well in first grade with crayons. I don't call myself an artist. I consider myself a craftsman, a metalsmith, as I work with many kinds of metal. I forge, fabricate, weld, grind, sand, polish, color and mix metals to make what I consider an “artful looking object”.

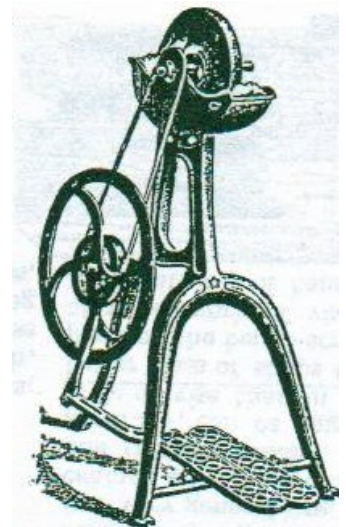
To do this craft one must have passion, be enthusiastic, creative, and above all, have a “Love of the craft”. If you go about your metal work with these feelings in your soul you will produce work that will give you a wonderful feeling inside, a sense of pride knowing that you can master this most difficult, demanding and noble craft.

So pull yourself away from the TV and get out in the shop, away from staring at the steroid freaks running back and forth across a field, fighting over a weird shaped thing they call a ball.

Dust off some of those old Blacksmith books, open them up and inside, on those pages, you will find “inspiration”. Light up that forge, get creative, and make your own “artful looking object”.

The feeling you will experience when your family, friends and other blacksmiths say “Wow, That's really nice”, will give you a wonderful feeling in your soul, many times greater than you could ever get from watching that steroid freak running across a goal line.

“God Bless Our Craftsmen and Craftswomen”



December NE Regional report....

The Northeast Regional meeting was held at the shop of Charlie McGee, in the Osage Hills near the Zink ranch. There, twenty or so gathered to do a little forging and to enjoy 5 gallons of beans and ham. There were also many great deserts from brownies to cherry/pineapple cobbler.

It was an overcast day, cool, but no wind, so most of the forging and visiting was done outside. Clayton Hall had Charlie's shop forge fired up and was making a small but very fine rose. Outside Mike Krukoski and Chuck Waite had forges set up and shared their forges with the others.

Dan Cowart and Ed McCormack appeared to be supervising the whole operation and the big disappointment of the day was the fact that Charlie Groom failed to show up.

Dan and I were able to get three more to join the Saltfork Craftsmen ABA. "Welcome aboard" to the new members.

Gerald Brostek



January meeting for the NE Region will be hosted by Gary Gloden. Date is January 12th 2013. Lunch is provided but bring a side dish or desert if you wish. Trade item is something made from a Horseshoe.

South/Central Regional meeting.

Ricky Vardell and his wife Nikki hosted the December meeting at their home in downtown Temple, Ok. If you have never been to his place you have missed a unique opportunity. About 10 years ago Ricky and Nikki bought several building in downtown Temple. One of them being the old Bank building. Since then they have been remodeling the building turning them in to a home for themselves and their children. This year the home was on the Christmas home tour. The kitchen and living room were decked out with all manners of Christmas cheer. You didn't know where to look first.

Ricky has a nice work area that was once the drive thru for the bank. This is where Nikki sets up for meals when a group comes to visit. Ricky has his blacksmith shop in another building just next door. Ricky started up his forge inside and Gerald Franklin has his going outside



Teresa set up and started working on a new project. She is reworking pocket knives putting filigree work on the outsides.



We had a nice lunch of Winter soup, cornbread and lots of deserts. The trade item was something Christmassy. We had some nice examples of different types of metal work.



January meeting for the S/C region will be hosted by Gerald Franklin. Date is January 19th 2013. Lunch will be served. Bring a side dish or desert if you wish. Trade item is a candle holder.

Tool Making for the Anvil, Power Hammer and the Treadle Hammer -

Part One

(A scholarship fulfillment article by Gerald Franklin)

I recently attended a tool making class at the Appalachian Center for Craft near Smithville, Tennessee. The class was taught by Clay Spencer and was titled “*Tool Making for the Anvil, Power Hammer and the Treadle Hammer*”. I received a scholarship from Saltfork to attend this class and this article and the next two in the series will serve as partial fulfillment of my scholarship “payback” commitment.

I concentrated on making handled tools and spring tools more appropriate for treadle hammers and power hammers than for the anvil but with enough hammer power they could be used on the anvil also.

After a brief introduction and assessment of what each student was interested in, Clay started out talking about the tool steels that we would be using during the workshop. He brought S-7, 4140, W-1, and 5160. He also brought a few flavors of “junkyard” steels such as truck coil spring, grader blade and NASCAR axles.

These axles are made from steel marketed as LESCALLOY HY-TUF VAC-ARC by the Timken roller bearing folks. Clay has a source for these from a friend who was once associated with NASCAR. The heat treatment can be a bit involved if you are building an axle for a high-end racecar but for our purposes, Clay just heats the piece to orange after forging and allows it to normalize. We used the NASCAR axle stock to forge chisels and punches and one of the students made several leafing hammers from it. It moves hard and has a relatively narrow forging window, like many other tool steels, but it seems to be extra tough.

The grader blade was used by some of the students to make a few bending wrenches and bending forks. I didn’t use any of it because I have plenty of those type tools already. Clay doesn’t heat treat the bending wrenches and forks. He just allows them to normalize.

I did use some of the junk truck spring (1” diameter) to forge a pair of blades for a scissors type cut off tool. I’ll describe this tool in detail in a later article.

I used each of the “store bought” tool steels to make several different tools. At Clay’s suggestion, I didn’t heat treat the 5160 and 4140 tools as they will work fine in the heated and normalized state for the type tools I was making. Other applications may require heat treating to hold up so if you plan to use 5160 or 4140, you may want to consider further heat treatment for your particular case

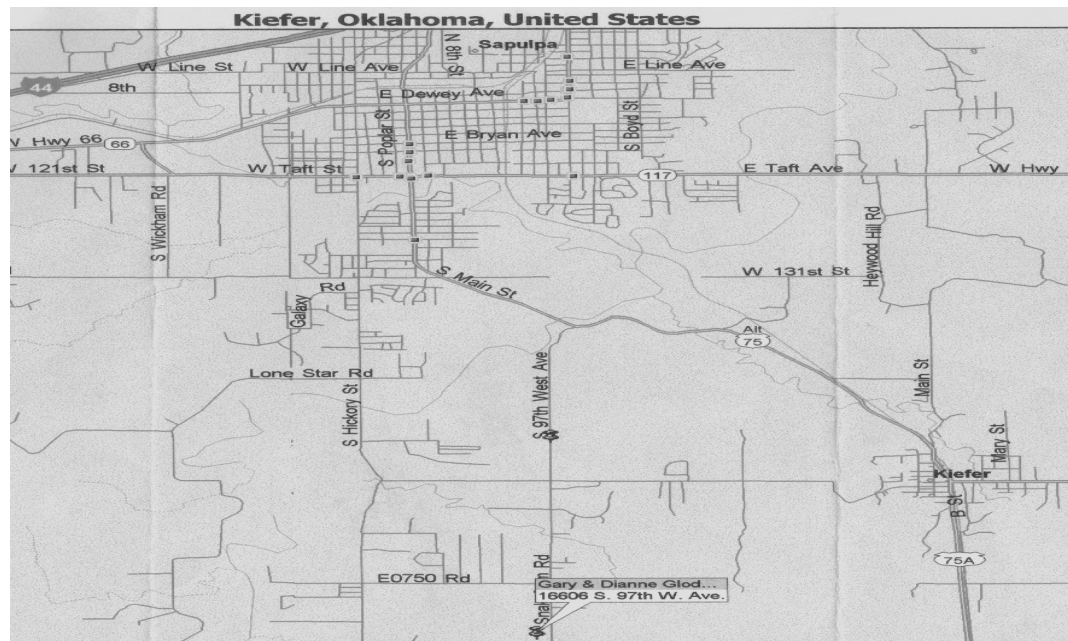
Tools that I made from S7 were heated to orange after forging and allowed to air cool. Since S7 is an air hardening steel, this is adequate heat treatment. As I plan to use these tools on hot metal, I didn't temper them. If you plan to use S7 for a tool that is to be used on cold metal (e.g. a cold chisel), then you probably want to draw an appropriate temper. According to Clay, this normalization step is very important not just for S7 but for any tool steel. A lot of stresses are built up in the steel during forging and the final re-heating and normalizing helps to relieve these stresses.

I used some W1 to make some ball punches. I heat treated them by heating them to low orange, water quenching and then drawing them back to a gold/brown. I put rodded handles on these punches and I will discuss the making of handled tools for use on the power hammer or treadle hammer in the next article. The third article will deal with spring tools.

So, look for the remainder of the articles in future newsletters. I want to thank Saltfork for making this scholarship available. I also want to encourage more of our members to take advantage of the club's scholarship program.

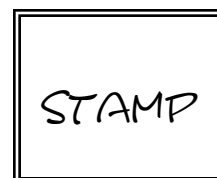


The Saltfork Craftsmen logos and information on the conference trailer was recently updated to include the web address. The teaching trailer will also be brought up to date with the new information. We would like to thank Dan Cowart for getting this done.



Map to Gary Gloden's place. Address is 16606 S 97th West Ave.





SCABA Editor
Diana Davis
23966 NE Wolf Rd
Fletcher, Oklahoma 73541

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2013 is fast approaching. We need to fill out meeting calendar.

SE Region (1st Sat)

Jan..**open**
Feb..Eddie Horton
March..Bill Phillips
April.. **Open**
May..Eddie Horton

June..**open**
July..**open**
Aug..Eddie Horton
Sept. **Open**
Oct. **Open**
Nov. Bill Phillips
Dec. **Open**

NE Region (2nd Sat)

Jan..**open**
Feb..Bill Kendall
March..Doug Redden
April..Ed McCormach
May..Omar Reed/Gerald
Brostek

June..Mike Krudoski
July..**open**
Aug. **open**
Sept. James Maybery
Oct. **Open**
Nov. **open**
Dec. **open**

SC Region (3rd Sat)

Jan. Gerald Franklin
Feb..**open**
March..Bob McKelvin
April..State picnic
May..Heather Morefield

June..Larry Mills
July..**open**
Aug..**open**
Sept. **Open**
Oct. SCABA Conference
Nov. **open**
Dec. **open**

NW Region (4th Sat)

Jan..**open**
Feb..**open**
March..Bob Rea
April.. **Open**
May..**open**

June..**open**
July..**open**
Aug. **Open**
Sept. **Open**
Oct. **Open**
Nov. **open**
Dec. **open**

Saltfork Craftsman Regional Meeting Hosting Form

Region _____ SE _____ NE _____ S/C _____ NW

Date: Month _____ day _____ [correct Saturday for region selected above]

Name _____

Address _____

Phone/email _____

Trade item _____

Lunch provided _____ yes _____ no

Directions or provide a map to the meeting location along with this form.

****All meeting are scheduled on a first come basis. Completely filled out form MUST be received by editor no later than the 23rd of the month TWO months PRIOR to the meeting month.**

Completed forms can be mailed or emailed.

You will receive a conformation by email or postcard.

A form must be filled out for each meeting.

SCABA membership application

New _____ Renewal _____

January 2013—March 31—2014_

Please accept my application

Date: _____

First Name _____ Last Name _____

Married? ___ Yes ___ No Spouses Name _____

Address _____

City _____ State _____ ZIP _____

Home Phone (____) _____ Work Phone (____) _____

E-Mail _____ ABANA Member? ___ Yes ___ No

I have enclosed \$20.00 (per year) for dues to March 30, 2014_

Signed _____

Return to: Saltfork Craftsmen Membership, Diana Davis 23966 NE Wolf Rd. Fletcher, Okla. 73541



ABANA

NEW & RENEWAL MEMBERSHIPS

Name : _____ Membership ID # _____
(For renewals. Optional but very helpful)

Business Name (optional) : _____

Street : _____

City : _____ State/Prov : _____

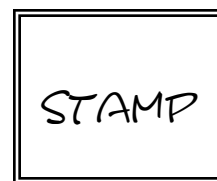
Zip/PC : _____ Country : _____

Phone : _____ Fax : _____

E-mail : _____ Website : _____

Membership Type: ☐ New ☐ Renewal

Regular (US, Mexico, Canada)	One Year — <input type="checkbox"/> \$55	Two Years — <input type="checkbox"/> \$105
Senior Membership (65+, US, Mexico, Canada,)	One Year — <input type="checkbox"/> \$50	Two Years — <input type="checkbox"/> \$95
Full-time Student (US, Mexico, Canada)	One Year — <input type="checkbox"/> \$45	Two Years — <input type="checkbox"/> \$85
Foreign	One Year — <input type="checkbox"/> \$65	Two Years — <input type="checkbox"/> \$125
Contributory Membership <i>(amounts above \$55 / year may be tax deductible)</i>	One Year — <input type="checkbox"/> \$150 and up — \$ _____	Two Years — <input type="checkbox"/> \$295 and up — \$ _____
Public Library (US, Mexico, Canada)	One Year — <input type="checkbox"/> \$45	
Educational Institution	One Year — <input type="checkbox"/> \$250	



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2013 ABANA Convention

Join Us!

March 15-17, 2013

40th Anniversary

ABANA Founded at Westville Blacksmith Shop in 1973

Westville's blacksmith shop is a copy of the 1850 Stubb's Blacksmith Shop in Lumpkin.

When Westville Village Museum was founded in 1966 there were only about 50 traditional blacksmiths left in the United States. A ground-breaking 1973 blacksmithing conference at the shop led to the founding of the Artist Blacksmiths Association of North America (ABANA).

Plan Now to Attend

At The Alex Bealer Memorial Blacksmith Shop

Westville Village Museum
near Lumpkin, Georgia

RAFFLE RAFFLE RAFFLE WIN! Alex Bealer's Anvil

RAFFLE details at the ABANA website:

www.abana.org

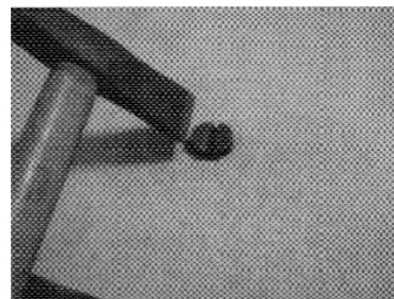
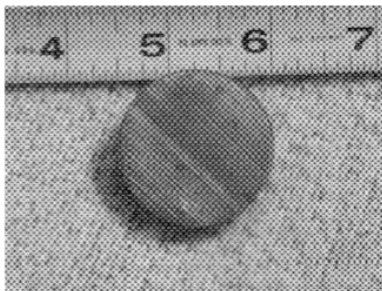
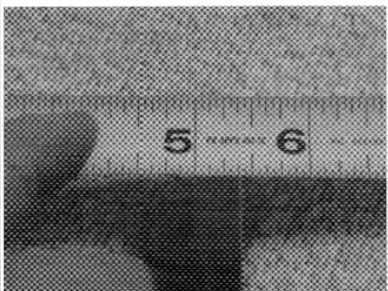
or call the central office at 1-423-913-1022

- Guest speakers...ABANA's founding members
- Affiliate tents and demonstrations
- A long weekend to celebrate the 40 Year Anniversary of ABANA
- Raffle of Alex Bealer Anvil — details at www.abana.org or call the central office at 1-423-913-1022

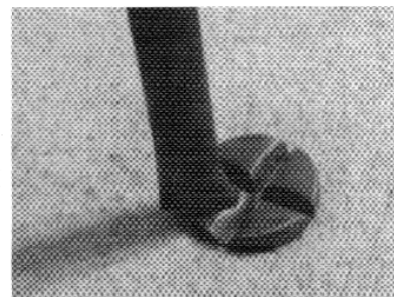
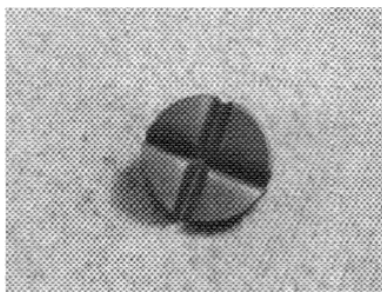
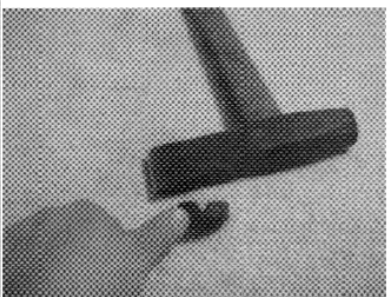
A Forged Rosette

Here is a way to forge a rosette that can be applied to any number of pieces. You could rivet this onto a larger piece, or weld it onto a threaded shaft to make a small door pull... whatever you dream up.

Start by sawing off a slug of round stock. The one shown is around 1 3/4" diameter by 7/16" thick, but anything approximating those proportions will work.



Get it good and hot and using a hot set or a hot cut chisel bisect the disc to a depth of around 3/4 the thickness. Repeat with the hot set 90 degrees to your first incision. You are dividing the stock into 4 equal parts.



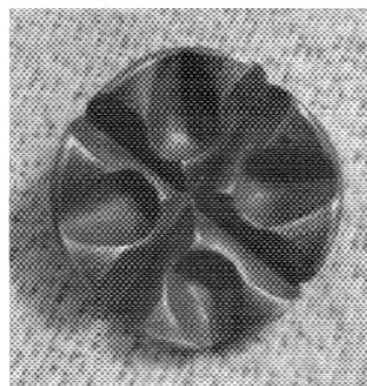
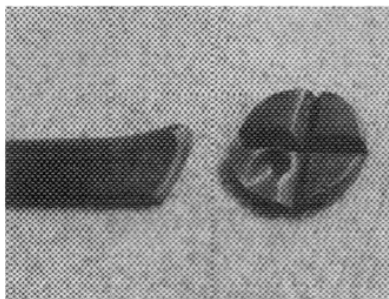
Using a "Teardrop" shaped punch, shape the 4 resulting flat spots by sinking the wide section of the punch close to the center of the circle and the narrow end pointing toward the edge.

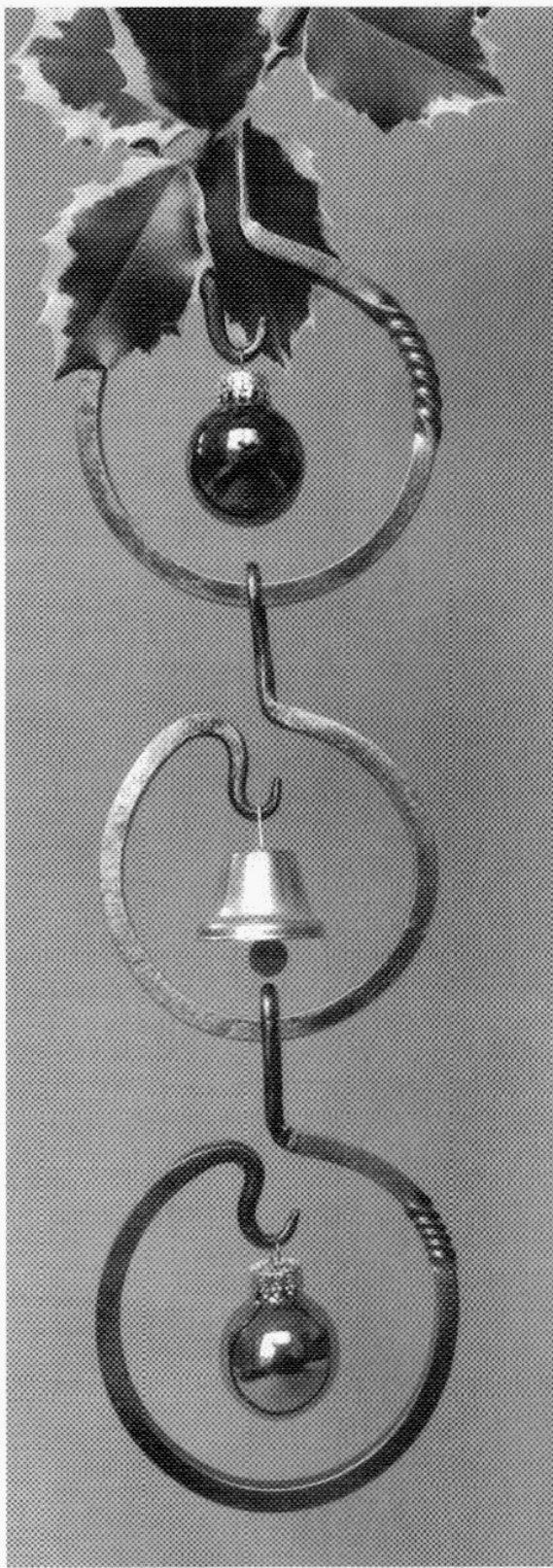
To make a teardrop punch forge some round alloy steel as if you were making a simple chisel, but after the first few blows change you hammer angle from making an even thickness edge to one that is thick on one side and thin on the other. Liberal grinding of the punch to get whatever shape you are after is okay.

Repeat on all 4 quadrants of the stock. What makes this element look good is the deformation of the straight chiseled edge when the tear drop punch sinks into the adjacent material. Don't be afraid to really send the punch into the work piece.

Lightly sand and then oil with your finish of choice.

Judson Yaggy, VT Rep.



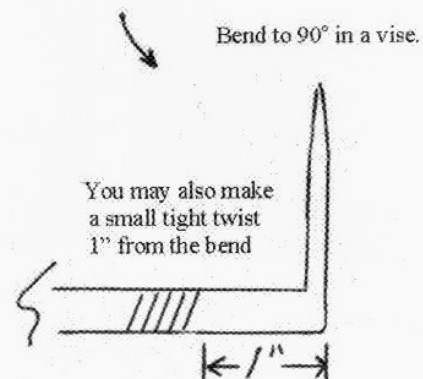
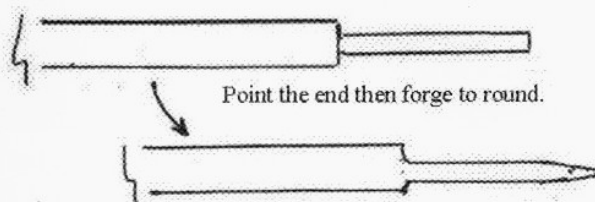


Christmas Ornament Hanger

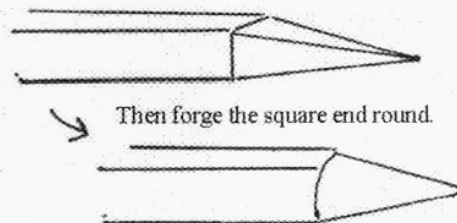
By Steve Anderson,
a MABA member

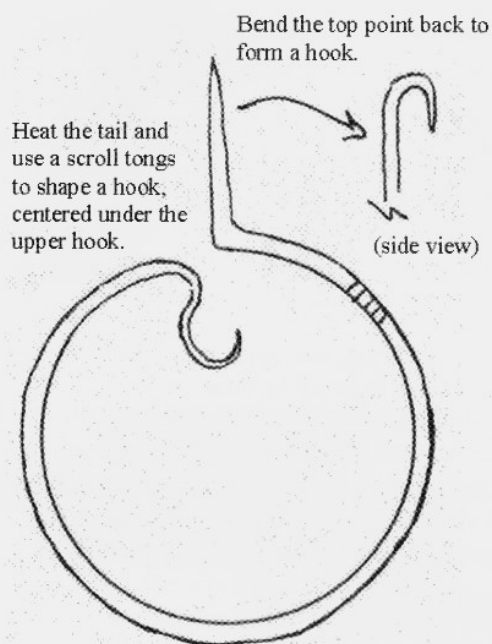
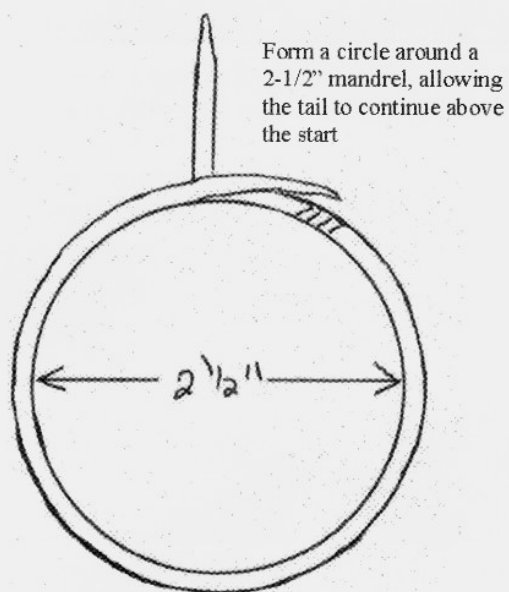
Stock: 3/16" square x 9-3/4"

Starting 1-1/4" from the end, forge to 1/8" square.



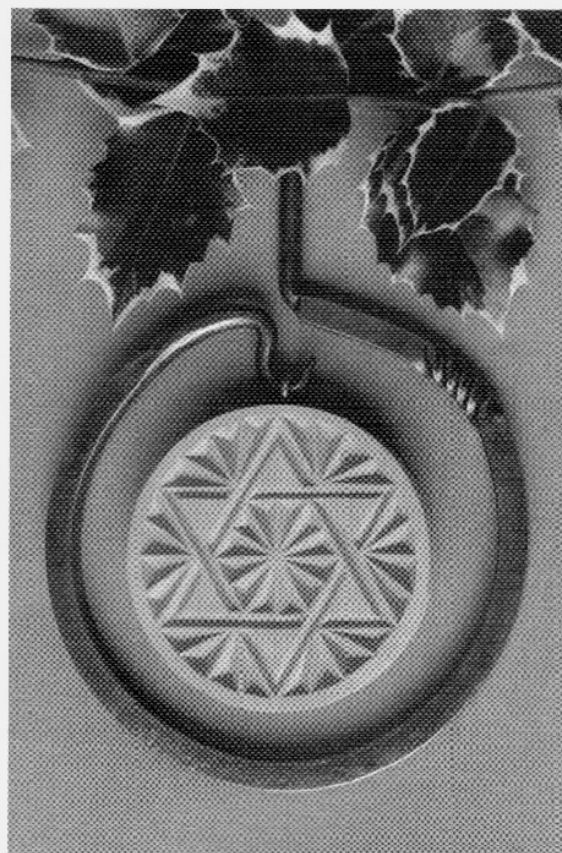
Forge a long square taper starting 1" from the other end.



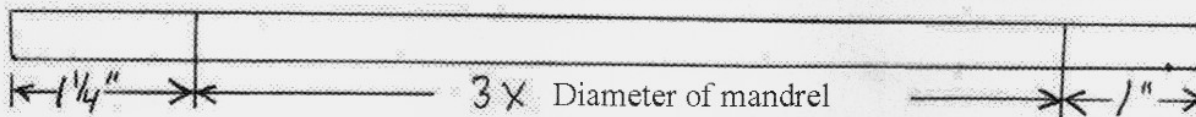


Editor's note: When Steve Anderson sent us a sample of the ornament hangers with his article for the newsletter, we knew the large 3-1/2" diameter hanger would be perfect for a chip carved ornament made by my cousin, Dick Baker.

We hope you enjoy making these hangers to accent your special ornaments. Happy Holidays!



To finish, use hot wax or use a wire wheel and a clear coat to finish. Using a brass brush is optional.
For a different size mandrel, use the dimensions below, you may want to go up to 1/4" square stock for larger hangers.

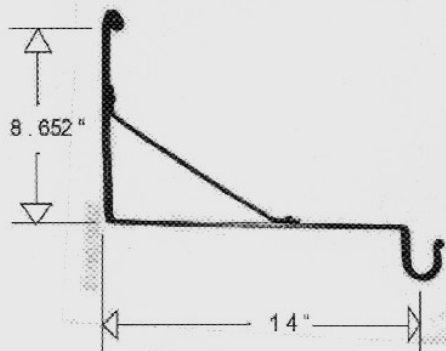


Lantern Brackets—by Lyle Wheeler

These are notes from a project recently completed after postal consultation with a client that I met at the SHHG July Fair. The customer required two lantern brackets made to each hold a 9 inch diameter lantern weighing approximately 15 pounds. The customer specified that she wanted the lanterns to hang 14 inches out from the posts they would be hung from.

Materials: 3/16 x 3/4 hrs and
3/16 x 1/2 hrs
2 – 3/16 x 1/2 rivets

Stock calculations:



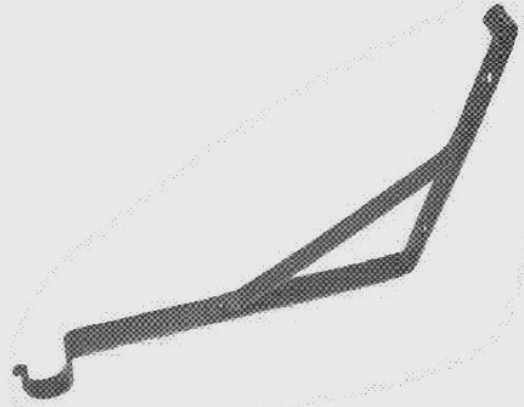
It was decided to apply the golden rectangle to approximate a pleasing proportion to the two legs. The 14 inch projection was multiplied by the reciprocal of phi (0.618) to obtain the height of the upright portion, thus yielding 8.652 inches and rounded to 8 5/8". 1" was added to obtain a scrolled fishtail at the top. 3" was added to obtain the dropped "J" hook of 1 1/2 " diameter and 3/4 " subtracted to center the hook. Twice the thickness was added for the two right angle bends.

$$14 + 8 \frac{5}{8} + 1 + 3 - \frac{3}{4} + 2T(3/16) = 26 \frac{1}{4} \text{ " of } 3/16 \times 3/4 \text{ hrs}$$

The same proportions were applied for the strut, yielding connection points at approximately 5" up and 8" out, with the hypotenuse of this triangle ciphered at 9 1/2". Adding 1" at each end for a riveted connection gave 11 1/2" of 3/16 x 1/2 hrs.

Order of operations:

- Flatten to 1/16" thickness and scroll to 1/2" diameter one end
- At other end draw a long taper on 2 "maintaining original thickness of stock
- Scroll this end tightly and form a "J" hook
- Right angle bend and drop this hook 1" from beginning of the taper
- From center of hook measure back 14 inches and score edge on hardee
- From score mark measure 1 1/2", 5 1/2" and 7" and center three punch marks
- Drill a 3/16" hole at the middle punch mark and 17/64" holes at the other two
- Deburr these holes and countersink the 3/16" hole halfway into the back side.
- Right angle bend at the 14" scored mark, align and set aside



2013 REGISTRATION

Learn how to make your Little Giant power hammer work harder than ever!

Please join us March 22-24, 2013 for our annual Little Giant Rebuilding Seminar!

This class was first taught by our good friend Fred Caylor of Zionsville, Indiana. We carry on his tradition of teaching people how to make Little Giants run well and hit hard.

This 2 ½ day class is a hands-on format. You will help transform a 25 LB Little Giant hammer from functional but sloppy condition into a well tuned, quiet, hard working hammer. Sid Suedmeier, owner of Little Giant, will share all his knowledge and experience gained from working with Fred and from 20+ years of repairing and rebuilding Little Giants.

An old style 25 LB Little Giant will be rebuilt during the class, and a new style machine will be on hand to demonstrate proper assembly and adjustment of both styles. All information applies to all sizes of Little Giants.

The class is held in our shop in historical Nebraska City, Nebraska. The city has a wide variety of cafes, outlets (including Pendleton Woolen Mills), antique and gift shops, orchards and museums. Friday night a tour of the Kregel Windmill Museum is open to all class participants. Learn more about this at KregelWindmillMuseum.org.

IF YOU HAVE A LITTLE GIANT, THIS CLASS IS FOR YOU!

No experience is required to attend this class. Past students have ranged from age 15 to 90, and from all walks of life. Anyone who wants to learn will benefit from this class. We approach the rebuilding process using tools that can be found in the average home workshop.

If you are in the market to buy a power hammer, this class will make you an educated shopper. If you already own a Little Giant, or any other brand of power hammer, this class will teach you how to get the best performance possible.

The class costs \$95, refundable up to 7 days prior to the class; advance registration is required. We limit the class to 25 participants. The class starts at 9 AM sharp on Friday, and usually ends by Saturday evening. The schedule runs Sunday until noon in case we encounter any exceptional problems in rebuilding, and to answer remaining questions. The last 2 years the class has filled up by the end of January.

When we receive your registration, we will send you a city map, along with travel and hotel information.

Airports are located in Omaha (45 miles north), Lincoln (50 miles west) and Kansas City (125 miles south).

Name: _____
Business name: _____
Address: _____

Telephone: _____
Email address: _____

PAYMENT

q Check enclosed
q Visa
q MasterCard
q Discover
q American Express
q Number: _____
q Expiration Date: _____

POWER HAMMER INFO

Brand: _____
Size: _____
Serial Number: _____

Please call or email if you have any questions, or prefer to register by phone. You can reach us at 402.873.6603 or lgiant@windstream.net

Little Giant is located at 420 4th Corso, Nebraska City, NE 68410.

SCABA Shop and Swap

For Sale:

6" round nosed pliers (great for putting scrolls on small items) \$5.00 each. Brooms tied, \$25.00 on your handle
Contact Diana Davis at Diana.copperrose@gmail.com

For Sale:

24"(wide) x 1"(thick) Ceramic fiber blanket (similar to Kao-wool) \$1.00 per inch of length. Twisted solid cable 1/2" diameter \$2.00 per ft.
Contact Larry Roderick at 940-237-2814

Wanted:

Advertising Coal Hammers, Contact Mike George at 1-580-327-5235 or o Mike-Marideth@sbcbglobal.net

Club Coal

Saltfork Craftsmen has coal for sale. Coal is in 1-2" size pieces The coal is \$140.00/ton or .07 /pound to members **No sales to non-members.**

NW Region coal pile is located in Douglas, OK. If you make arrangements well in advance, Tom Nelson can load your truck or trailer with his skid steer loader for a fee of \$10 to be paid directly to Tom. Tom has moved his skid steer and must now haul the loader to the coal pile to load you out, hence the \$10 charge. You may opt to load your own coal without using Tom's loader. The coal can be weighed out at the Douglas Coop Elevator scales. Contact Tom Nelson (580-862-7691) to make arrangements to pick up a load. Do not call Tom after 9 PM!! Bring your own containers and shovels. Payment for the coal (\$.07 per pound) should be made directly to the Saltfork Treasurer.

NE Region coal location: Charlie McGee has coal to sell. He lives in the Skiatook, Oklahoma area. His contact information is:
littleironworks@gmail.com or (home) 918-245-7279 or (cell) 918-639-8779

Show your pride in SCABA.
License plates for \$5.00 each.
We have coffee cups for \$9.00
with two images on them and We have a new ship-
ment of caps for \$10.00. Dan Cowart has
the cups and caps avail-
able in the NE region and
will be available at the pic-
nic in April.

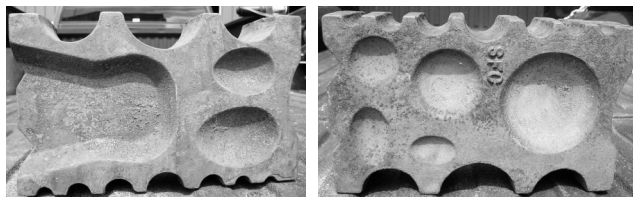


SCABA swage blocks

\$100.00 plus shipping to members. (1st block)

\$120.00 plus shipping to non-members

Contact Bill Kendall for more information



SCABA Floor Cones are now available from Bill Kendall, Byron Donor and Gerald Franklin. The price is \$200 plus shipping and handling.



For Sale:

SCABA insulated travel mugs. Orange and white with Saltfork Logo . \$10.00 each Contact Diana Davis for more info. Will be available at most SC meeting and at the picnic in April.

For Sale:

Larry Mills has a nice selections of Klingspor Abrasives for sale at this shop in Norman. If you needs more information or to purchase contact Larry at 405-401-9739 or email at l-lmills@cox.net

Saltfork Craftsmen Artist Blacksmith Assoc.Inc.
10380 N. 4010 Road
Wann, Okla.74083

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