

Intermediate Blacksmithing Class at Elk City

Elk City was once again the host of a Blacksmithing workshop. We try to have workshops in the different regions. Elk City's Route 66 Museum Blacksmith Shop has hosted several for the NW Region. This time they held an Intermediate level class. Here is the report from Laquitta Greteman.

Here we are again working in the blacksmithing shop at our intermediate class, promoting our trade.



There was a good turnout for the class. Some came from Tulsa area, one person was from Dallas. Texas area. He rode a motorcycle to it with temperatures in the twenty's

The class made Tomahawk's from a rasp to teach forge welding and drawing out a blade. The class made some really nice tomahawks.

We had a good lunch of stew and the fixings. After lunch we then showed them how to make a pair of tongs on a power hammer. Showing how to use a kiss block. We also showed them how to make dyes for grapes, acorns, tree bark and a mouse. These are used on a power hammer and how we showed them to they work. Then we turned the class loose using the power hammer. There were several items made. Everyone said they had a good time and really enjoyed themselves.

Big Thanks to Elk City Museum Blacksmithing Shop for the use of the building and tools.



SC Regional meeting report...

The meeting was hosted by Ricky and Nikki Vardell in Temple Okla. We had 9 members and around 14 local people. Nikki and her helpers worked most of the morning on Winter soup and chocolate sheet cake along with corn bread and many other side desserts brought by members.

We had two forges going most of the day. A local young man trying his hand at making a reindeer shoe, a few of us worked on a couple pair of tongs using the power hammer. Michael Moiser (my son-in-law) forged most of the afternoon on a money do project for my daughter. The trade item was a forged 3/4 wrench, Sears Craftsman don't have anything on Saltfork Craftsmen, we had 3 mice wrenches. All and All, in spite of the weather, we had a pretty good day. I appreciate all the calls and preparation by other members that couldn't make it.

A meeting report is not much good with out a side story. I built a fire in the forges around 7:00 AM not thinking about the ice build up on the chimney. It took about 5 minutes to get hot enough for the ice to let go and when it hit the top of the shop, I thought I had blown the forge up.

We miss seeing our Saltfork members, but we look forward to seeing them at upcoming meetings. We wish a happy New Year and look forward to 2014.

Ricky & Nikki Vardell



Blacksmithing Fun Day..

There is no better way to bring a year to a close than to spend one of its final days with friends doing what everyone like to do best. FORGE.

Some of the members got together on Saturday the 29th at Elk City to do just that. They met at the Blacksmith Shop at the Route 66 Museum and had a "Fun Day". Everyone had a good time and enjoyed each others company.

Laquitta Greteman and Cheryl Overstreet



Tomahawks and Crosses were made and brought for show and tell.



Craig Guy, Bob Kenner and Ed McCormick look on as Past President Gerald Brostek explains a forge weld in an antique piece of metal.



Roy Bell creates a tomahawk from an old rasp.

Ringling in the New Year..

There is no better way to start a new year than with friends, family and a hot piece of iron. This was what was going on at Dave Knights place on New Years Day 2014. This is the second year that Dave has hosted a hammer in at his place on New Years Day and hopes to make it an annual event. He had good weather for it. I have only received preliminary reports so far and hope to get some pictures for next months newsletter. Reports say that they all had a good time forging and enjoying Dutch Oven cooking. Hope to hear more.

Editor.

Hello, my name is Teresa Gabrish and I would like to support the Saltfork Craftsmen ABA by serving on the Board of Directors. My parents are Bill and Diana Davis. They joined Saltfork ABA in 1996 so I have been around blacksmithing and crafts in general most of my life. I officially joined the Saltfork Craftsmen when I left home and moved to Oklahoma City to work. You will usually find me teaching jewelry and copper smithing classes during the conferences, picnic and other events hosted by SCABA during the year or at most of the SC regional meetings.

Terry Jenkins and Dawnavan Crawford have introduced me to the fun of the Medieval Fairs and I hope to continue representing Saltfork by participating in both the Norman Faire and Muskogee Castle, where I demonstrate copper smithing and wire work.

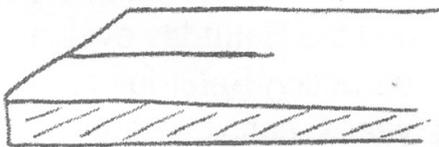
I have a degree in accounting/bookkeeping and have worked in that field since graduating from Cameron University. I live and work in the Oklahoma City area. I enjoy all forms of metal working and attended my first "Ladies Only" blacksmithing workshop this past fall. I have attended classes at John C. Campbell and Rio Grande where I learned silver smithing, cold joinery and fold forming. I hope you will consider voting for me in the upcoming election.



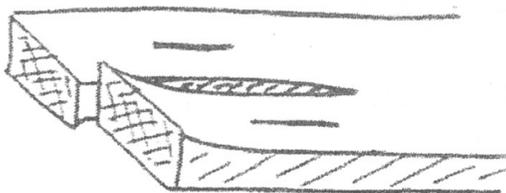
TG

"If con is the opposite of pro, is Congress the opposite of progress?"

Frame Joint By Derek Glaser



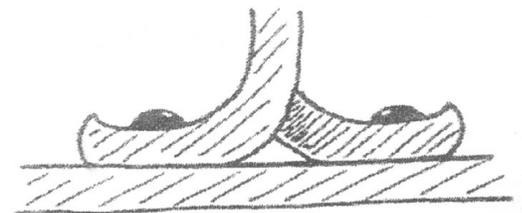
Split the end of the horizontal bar.



Upset ends together, but one up, one down. Slit for rivet holes.



Upset to open rivet holes. Bend with fork to 90 degrees (below).



Reprinted from the Sept/Oct. 2011 "Tuyere"

Handy Vise Tooling

By Brian Gilbert

This design for vise tooling was sent to me by Phil Rosche in Summerville, South Carolina, and would be just the thing for upsetting round stock. With a little imagination, the same basic principle could be used to hold several different sizes of round or square securely in the vise while working it hot with minimal scarring.

The main elements are a couple pieces of angle, about 1/4" x 2", two pieces of 3/8" steel for pads, and some thin stock for the spring. There are probably several different ways to make this type of tool... here's how I did it.

I started with a bar of 1/2" x 1" for the jaws. I fullered the bar at 5" and folded the bar back on itself. Then I took another heat, shoved some stock in between the pieces, and hammered them together in a treadle hammer until they were almost closed, leaving perhaps a 1/8" gap. If you leave too big a gap, then the jaws won't effectively grip, but if you close the gap all the way, the piece will slip in the jaws. You can make several different impressions for different sizes of stock, both round and square.

Remember to leave about an inch at either end for the springs. If you are making the tool to hold square stock, then be careful when pressing the stock into the jaws... it will attempt to rotate away from you as you hammer. Hold it with vise grips, and try to start it as nearly perpendicular (on the edges) as possible.

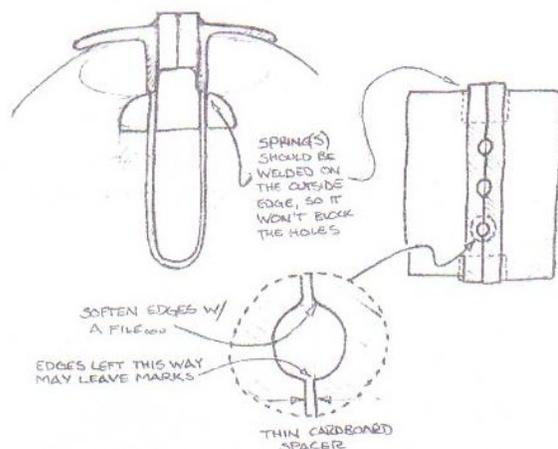
Next, I clamped two pieces of angle iron into the vise with the fullered jaws in between and tack welded the jaws to the angle iron. I then warmed the whole assembly in the forge, and welded the jaws. I then got the whole thing hot, clamped in the vise, and hammered the angle iron down to conform the tool to the vise.

Now I welded springs to the tool, using a piece of 1/8" x 3/4". I used two springs, but one may work just as well.

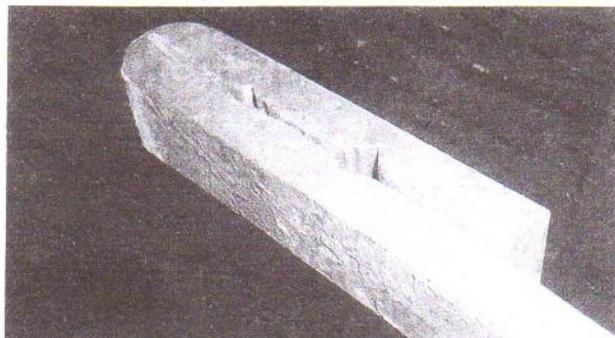
The last step was to cut the jaw free of the bar with a chop saw. I cut off the fullered end first, then trimmed the other end. I did it this way so that the jaws would stay in close registration. You need to dress the tool by grinding or filing away the raised areas on the jaws.

If you plan on using this tool for round stock only, then you can machine the jaws cold and get a better fit. Space the jaws with a business card and drill for the correct size of stock. This method leaves sharper corners, so you'll need to soften these with a file.

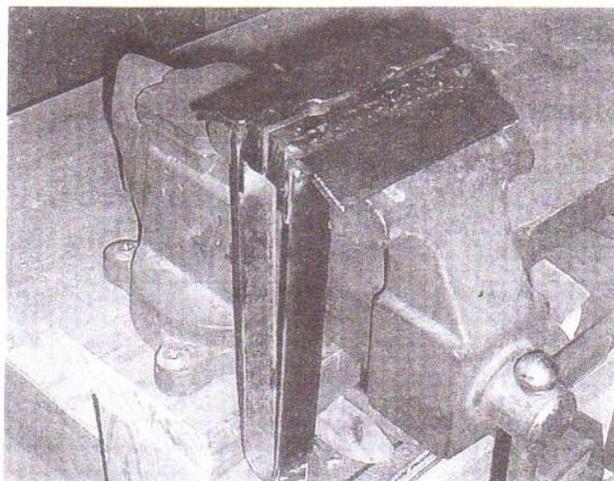
Conform the angle to your vise by heating it up, clamping it in the vise, and hammering down until you get it to lie fairly.



Vise tooling with drilled holes



Forging the vise pads



The completed tool

Reprinted from *The Hammer's Blow*
Winter 2002

LEARN HOW TO MAKE YOUR LITTLE
GIANT POWER HAMMER WORK
HARDER THAN EVER!

Please join us for the 22nd annual Little Giant Rebuilding Seminar! Although we did pass ownership of Little Giant to our machinist, Roger Rice, this past summer, Sid Suedmeier will continue teaching the rebuilding class at his shop at 420 4th Corso in Nebraska City.

We carry on the tradition of our good friend Fred Caylor of teaching how to make Little Giants run well and hit hard.

The 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, former owner of Little Giant, will share all his knowledge and experience gained from working with Fred and from 22 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.

The class is held in Sid's shop in historical Nebraska City, Nebraska. The city has a wide variety of cafes, outlets (including Pendleton Woolen Mills), antique and gift shops, orchards, wineries and museums.

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

No experience is required to attend this class. Past classes have been comprised of students, retirees, artists, welders, doctors, farmers...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 each class to 25 participants. The classes start at 9 AM sharp on Friday, and usually end by Saturday evening. The schedule runs Sunday until noon in case we encounter any exceptional problems in rebuilding, and to answer remaining questions.

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).

MARCH 21-23, 2014
REGISTRATION

Name: _____
Business name: _____
Address: _____
Telephone: _____
Email address: _____

PAYMENT

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

POWER HAMMER INFO

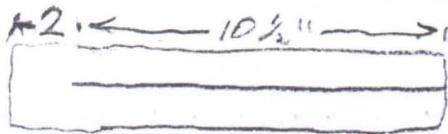
Brand: _____
Size: _____
Serial Number: _____

Please call or email if you have any questions, or prefer to register by phone. You can reach us at 402.873.6605 or SidShop@windstream.net.

Suedmeier Enterprises, 420 4th Corso, Nebraska City, NE 68410.

Shop Hack saw

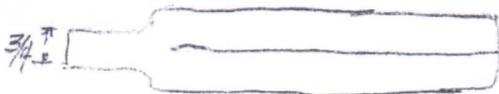
M. Hamburger
 $\frac{1}{2} \times 1"$, $12\frac{1}{2}"$ long
 $\sqrt{1}$, $\frac{7}{8}"$ fuller $\frac{1}{2} \phi$



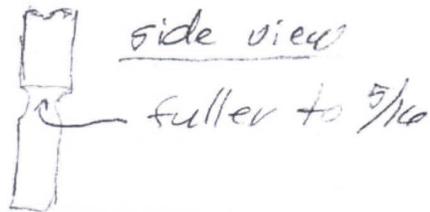
split bar down the middle, $10\frac{1}{2}"$, Band-saw or hot cut.



$\frac{5}{8}"$ from end of cut fuller to leave $\frac{3}{4}"$ between fuller marks



Draw out end to $\frac{1}{2} \times \frac{3}{4}$



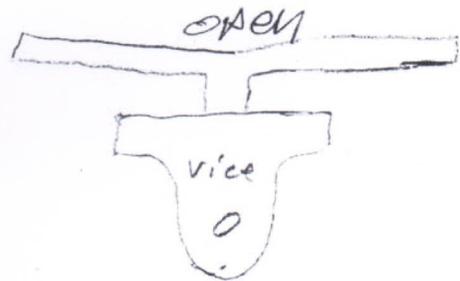
side view

fuller to $\frac{5}{16}$



side view

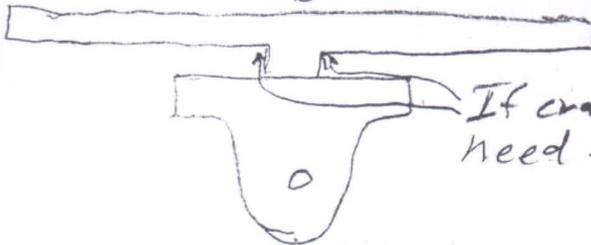
Forge, draw out this area to $\frac{5}{16} \times \frac{3}{4}$, length doesn't matter at this time



OPEN

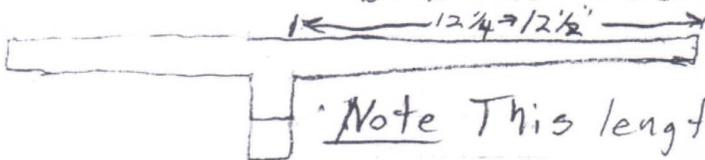
vice

Forge this area Flat



If cracks develop need to file out

Draw out this area for blade



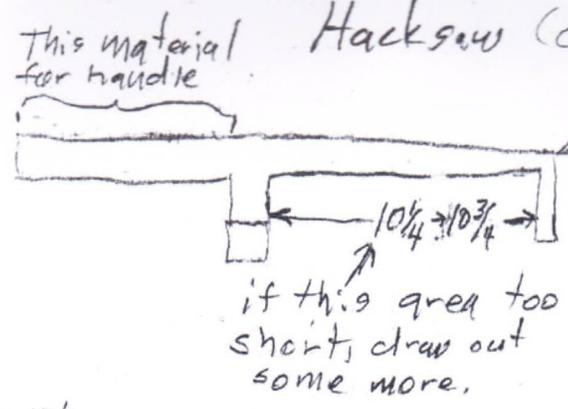
Note This length

for approx. 2" throat for Blade

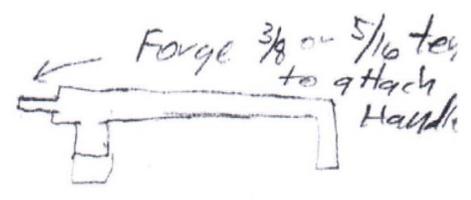
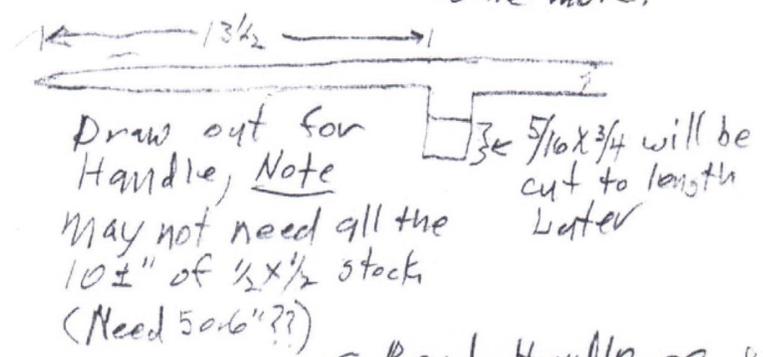
leave end larger for front Blade connection

#2

Hacksaw (cont)

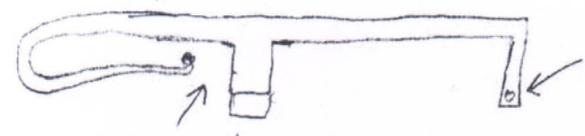


Bend 90° forge sq. corner if you desire, be aware of cracks on inside of bend.



Alternative option

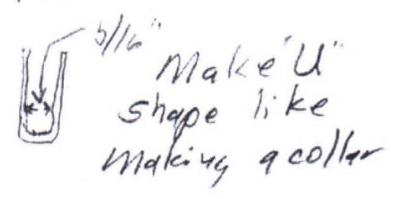
Bend Handle as you desire



cut slot for blade + drill Hole for pin.
I use 1/8 Rivets for pins they will bend, with use.

Blade Tightening mechanism

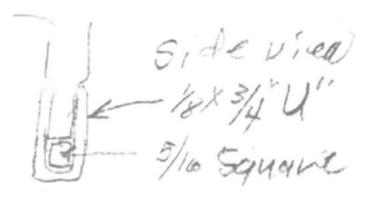
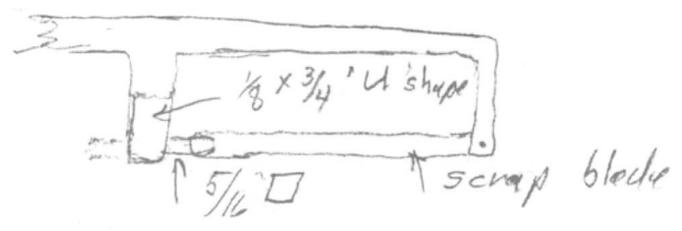
1/8 x 3/4 approx 2-3" long



5/16 sq. 3-4" long.
will cut to length Later

Round to 5/16 φ for 1/2 3/4
And cut 5/16-18 or 5/16-24 Threads.

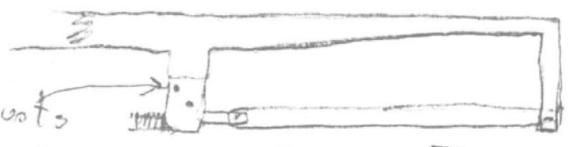
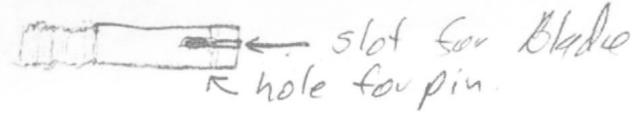
#3



Install worn out 10" blade and lay pieces together to determine how much of the $5/16 \times 3/4$ material on frame will need to be cut off. You may want this area longer than at front of saw frame or very close to the same.

cut $1/8 \times 3/4$ "u" to fit, file grind if necessary

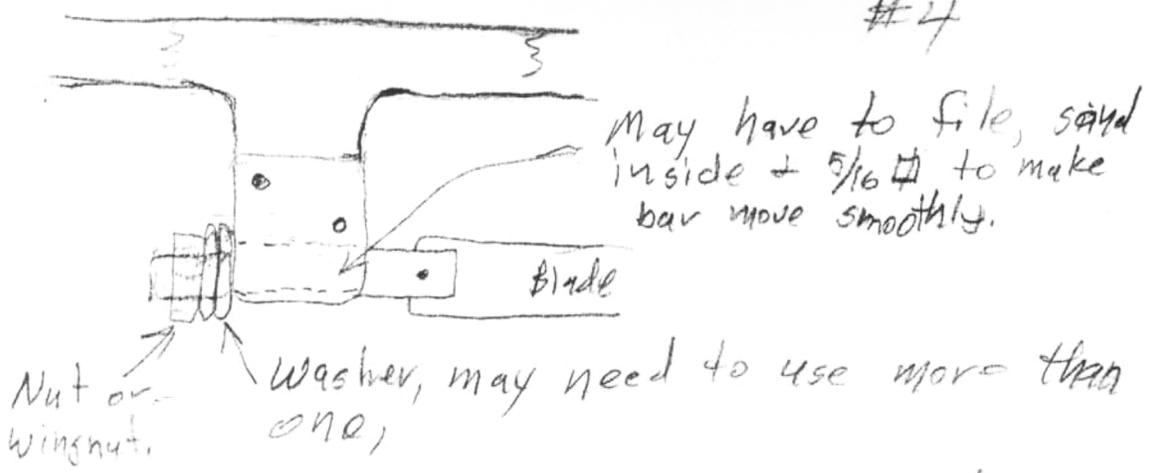
Insert $5/16 \phi$ and determine where hole needs to be drilled for rear pin. Some of the threaded area on the $5/16 \phi$ will need to be inside the $1/8 \times 3/4$ "u", so the blade can be tightened. Drill hole for pin in $5/16 \phi$ cut slot for blade



Clamp $1/8 \times 3/4$ u to frame, I use small vice grips. Drill one hole & insert rivot, then drill other hole, hopefully nothing will move to much.

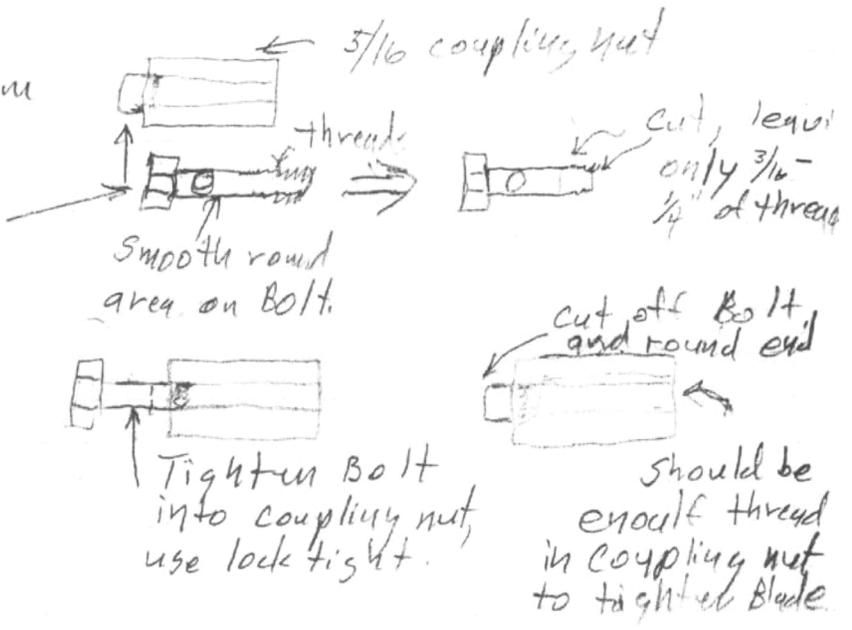
Put every thing together Try to get $5/16 \phi$ snug inside $1/8 \times 3/4$ U but still need to be able to move, file sand as necessary

#4



Nut made from coupling Nut

Hex Head Bolt



Note

I call this a shop hacksaw because you will probably need to use tools to replace the blade. Most of the use for hacksaws in the shop are to cut small material, rivets, bolts, etc or to mark materials, so a deep throat is not necessary.

To make a Junior Hacksaw frame, scale everything down. Try 3/8 x 3/4 or 3/4 x 1\"/>

SCABA Shop and Swap

For Sale:

6" round nosed pliers (great for putting scrolls on small items) \$5.00 each. Brooms tied, \$20.00 on your handle
Please contact me for help with handle length.

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@sbcglobal.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

Wanted:

Looking for a decent Anvil

130-150 pound range

Kaleb Brasel

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

S/C region coal location: Club coal is now available at Norman at Byron Donor place. Call Byron to make arrangements to come by and get coal.

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.



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 shipment of caps for \$10.00. There will be caps at the SC meetings and- Dan Cowart has cups and caps .

We have some 2013 SCABA conference t-shirts available if you didn't get to get one. Contact Dan Cowart or Diana Davis for sizes available. The t-shirts cost \$15.00

I also have the insulated cups marked down. You can get one for \$6.00 each or 2 for \$10.00. see me at a meeting..Diana

SCABA Membership Application

January 1, 20____ to March 31, 20____

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 for dues for the period ending March 31, 20____

Signed: _____

Return to: Saltfork Craftsmen, 23966 N.E, Wolf Road, Fletcher, OK 73541



ABANA

NEW & RENEWAL MEMBERSHIPS

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

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 (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
Public Library (US, Mexico, Canada)	One Year - <input type="checkbox"/> \$45	Two Years - <input type="checkbox"/> \$85
Youth (18 years & younger) non-voting Hammer's Blow only	One Year - <input type="checkbox"/> \$20	Two Years - <input type="checkbox"/> \$40 (No discount)
Educational Institutions	One Year - <input type="checkbox"/> \$250	
Contributory Membership (amounts above \$55 / year may be tax deductible)	One Year - <input type="checkbox"/> \$150 and up \$ _____	

Additional contributions to ABANA's special funds:

Exhibition Fund	\$ _____
Metal Museum Library Fund	\$ _____
Next Conference Seed Money Fund	\$ _____

Total: \$ _____

Credit card orders can be faxed, be sure to sign this form. Fax: 423-913-1023

Card Number		Expiration Date	
			CVS

Mail to: ABANA, 259 Muddy Fork Rd, Jonesborough, TN 37659 USA
 (Please pay by Check, U.S. Money Order or Credit Card)
 Phone: 423-913-1022 or join online at www.abana.org

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