

Saltfork Craftsmen

Artist-Blacksmith Association

April 2016



New Power Hammers on Display at the Route 66 Blacksmith Museum

The Route 66 Blacksmith Museum in Elk City is now home to a new collection of rare historic power hammers donated by Sid Suedmeier (Recently retired owner of the Little Giant Power Hammer Business.) These new hammers show a progression from very early shop built hammers made by industrious (and ingenious) blacksmiths through a variety of changes and improvements in power hammer design as they evolved to the familiar “modern” form.

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Editors notes...

I usually leave this section as the last task I do to finish up each newsletter. I honestly don't know how many people read this part but I always think that a few really interested readers do at some point. But I usually hold off until the end because I never know what circumstances will lead to last minute inspiration that I hope is relevant in some way.

After reading David's President's Notes for this month, I was reminded of a recent visit to a Mexican restaurant in Collinsville. On the wall, there are three old brands mounted on a board. Double S, Double J and Rocking P. They are just high enough that it is hard to get a real close look at them but low enough to try. I am sure several folks in the restaurant had their own theories on what was wrong with the guy that was so interested in the wall decorations (me.)

Anyway, they are all forge welded and have thinned sockets rolled for wooden handles. I like to reverse engineer old work but could not tell whether the smith who made these welded thin sheet to the main bar or hammered it out thin from the larger stock. One of them looks like the entire length of the main stem are two smaller pieces welded together all along the length rather than just at the branches that support the brand. To me is it interesting to make that connection with some unknown craftsmen who, in his day, was probably just trying to get the job done and move on. He probably never thought that years later, someone would be interested enough to look at the details of his welds or would even wonder which of several possible techniques he might have chosen to result in the end goal. To me, there is a lot of inspiration in that connection. And it seems like there is a sprit that lives on from the maker's unique imprint in the work.

Something to think about when working on the next project...

- Russell Bartling
- Editor



The Saltfork Craftsmen Artist-Blacksmith Association, a non-profit organization 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



President's Notes:

Hello Smiths,

Recently I was approached by a gentlemen named Kenneth in his mid 80's who asked me straight up, "Can you weld the old way, without a machine?"

He's wanting branding irons forge welded together, like they did 100 years ago and the example iron he brought in is over 100 yrs old and you can tell it was forge welded.

His father worked on a couple of ranches when he was younger and now Kenneth wants branding irons of those ranches, but made like they used to back then. He's a collector and has appreciation for old craftsmanship.

When you forge weld it takes on a new dimension of engineering to figure out how that blacksmith 100 years ago made the iron. With modern machines all we have to do is cut the pieces, put a few bends in and then zap them together. Forge welding has to be thought out a little different.

How many different ways can you forge weld. Just like the other skills of a blacksmith or any craftsmen, they only get better with practice. Set aside time each week or maybe a little time each day to practice the basics. Drawing out and upsetting are skills that get better with practice, that's why some smiths make a few nails at the beginning of their day to warm up the joints and keep their skills sharp.

Do the same with forge welding, take the time to keep your skills sharp and then think of a new way you haven't tried to forge weld and give it a shot. If nothing comes to mind try this, make a branding iron of the number "zero" 3 1/2" tall from 3/8" x 1" flat bar and put on a handle 24" long from 1/2" round bar. Use only forge welds and see how it gets you to thinking differently.

Be safe, protect the eyes, joints, and everything else you have. Make something this week, it doesn't matter what, just get out a make something, it's very therapeutic to get it hot and hit it with a hammer!

That's it for now, take care and keep forging!

David



Division of (Volunteer) Labor

Its been suggested that we need to clarify who does what in terms of the Saltfork Board members and other positions of responsibility. This list is an attempt to expand on the definitions of these roles to help in getting the right person when needed. Please keep in mind that everyone on this list gives their time on a volunteer basis and this list may change, expand and evolve over time:

Name	Position	Address	Phone	Duties
David Seigrist	President	P.O. Box 163 Hollis, OK 73550 dseigrist2004@yahoo.com	580-381-0085	President BOD Meeting Chair Help Where I can
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Bill Kendall	Director Swage Blocks	1756 E. 59 th St Tulsa OK 74105 wwkendall@aol.com	918-691-2173	Swage Block Shipping Quotes Swage Block Shipping
Terry Jenkins	Director	222 N. Washington Blanchard, OK 73010	405-476-6091	
Byron Doner	Director Cones	6520 Alameda Norman OK 73026 byrondoner@esok.us	405-650-7520	Cone Shipping
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Dodie O'Bryan	Webmaster	Pawnee, OK scout@skally.net	—	Website Updates Web Calendar Updates

Workshop Schedule

April 30 - Hammer Making Workshop: to be held in the NE region at Gary Gloden's shop. 16606 S. 97th W Ave, Sapulpa OK. Class size is limited so it is encouraged to sign up as soon as possible. For insurance purposes, all attendees **MUST** be SCABA members or must join during the class. To register, contact Doug Redden at 918-230-2960 or doug.redden2@att.net or contact Mandell Greteman at 580-515-1292 or mandell01@windstream.net. *UPDATE: The Hammer Workshop is full. Thanks for those of you who expressed an interest but are not able to attend this one.* - Doug Redden

June 4th - Power Hammer Tools and Techniques Workshop: There is a workshop being planned with Rick Dyer at his shop in Tulsa (adjacent to Bill Kendall's shop) to demonstrate power hammer tools and techniques. This will be more of a demonstration workshop/class rather than hands on but, for insurance purposes, all attendees **MUST** be SCABA members or must join during the class. *Details to follow...*

Mandell Greteman is the SCABA Workshop Coordinator.

Contact Mandell at 580-515-1292.

mandell01@windstream.net

****Call for Nominations****

It is time to elect new officers and/or re-elect current officers to the Board of Directors for a few positions. As I understand it, at this time there are three positions up for election/re-election:

Terry Jenkins
David Seigrist
Diana Davis

If you would like to nominate someone or if you would like to run for office yourself, please send in your nominations to the newsletter editor, or let one of the Directors know as soon as possible.

The ballot will be put together and published in the May newsletter so **please submit your nominations by April 22nd** in order to get on the ballot.

- Editor

2016 REGIONAL MEETING SCHEDULE

SE Region (1 st Sat)	NE Region (2 nd Sat)	SC Region (3 rd Sat)	NW Region (4 th Sat)
Jan 2 nd (Open)	Jan 9 th (Open)	Jan 16 th (Open)	Jan 23 rd (Monte Smith)
Feb 6 th (Open)	Feb 13 th (Bill Kendall)	Feb 20 th (Open)	Feb 27 th (Bob Kennemer)
Mar 5 th (Ronnie Smith & Bill Phillips)	Mar 12 th (Doug Redden)	Mar 19 th (Bruce Willenberg)	Mar 26 th (Mandell Greteman)
Apr 2nd (Open)	Apr 9th (Brendan Crotty)	Apr 16th (US Cavalry Association/Chuck Ogden) SCABA Annual Picnic!	Apr 23rd (Dorvan Ivy)
May 7 th (Open)	May 14 th (Ed McCormack)	May 21 st (JJ McGill)	May 28 th (Terry Kauk)
Jun 4 th (Open)	Jun 11 th (Marshall Hager)	Jun 18 th (Ricky Vardell)	Jun 25 th (Don Garner)
Jul 2 nd (Open)	Jul 9 th (Terry Taylor)	Jul 16 th (Open)	Jul 23 rd (Kelly Kilhoffer)
Aug 6 th (Open)	Aug 13 th (Gerald Brostek)	Aug 20 th (Open)	Aug 27 th (Don Garner)
Sep 3 rd (Open)	Sep 10 th (Jim Carothers & Tom Nelson)	Sep 17 th (Jim Dyer)	Sep 24 th (Roy Bell)
Oct 1 st (Open)	Oct 8 th (Open)	Oct 15 th (Conference Weekend)	Oct 22 nd (Cheryl Overstreet)
Nov 5 th (Open)	Nov 12 th (Dan Cowart)	Nov 19 th (Anthony Griggs)	Nov 26 th (Cory Spieker)
Dec 3 rd (Open)	Dec 10 th (Open)	Dec 17 th (Open)	Dec 24 th (Merry Christmas)

Fifth Saturday Fun Day - Dec: 31st (Mandell Greteman)

The meeting hosting form can be found on the last page along with membership application form. Russell Bartling will now keep track of the monthly meetings. Regular monthly meetings are always open to anyone that wishes to attend.

If you want to host a meeting in your area please fill out one of the host forms on the website under the calendar section or in the newsletter and e-mail the information or mail the hard copy form in as soon as possible. E-mail is the most convenient for me but you can also phone in the information if you prefer. The sooner the meeting is scheduled, the more time there is to get the word out to potential attendees.

-Russell Bartling 918-633-0234 or rbartling@ionet.net

Regional Meeting Details:

April

SE regional Meeting April 2nd: Open.

NE Regional Meeting April 9th: Will be hosted by Brendan Crotty.

2300 N. 59th St. W. Muskogee ok. 74401.

Phone: 918-910-0384. Email, brendancrotty246@gmail.com. Please leave a message.

Trade item: one piece solid metal knife, Viking style, horse shoe, railroad spike, etc.

Lunch will be provided (king ranch chicken) please bring a side dish or dessert to help out.

Side note: I will have a belt sander and knife making equipment set up at the meeting, I also have materials for trade item if needed.

Directions, from highway 69, turn west on to fern mountain road by pilot gas station. Go past the castle . Just past Kilharens lodge will be 54th street. Turn left (south) onto 54th street. At the 4 way stop of 54th and Shawnee, turn right (west) onto Shawnee street. Take Shawnee until the street ends and follow the signs up the hill.

SC Regional Meeting April 16th /Annual SCABA Picnic: Will be hosted by the US Cavalry Association and Chuck Ogden.

The meeting will be held at Historic Fort Reno in El Reno, OK which is now the USCA headquarters.

The trade item for this meeting will be a latch. Any style is ok, sliding, hook and eye, etc.

The SCABA annual Picnic will be held in conjunction with the Regional meeting at the same location. (See the Picnic Notice for more details...)

SCABA is providing the meat for lunch but please bring your favorite side dish or dessert and drinks.

Take US I40 west through El Reno. Then take Exit 119 east to Route 66. The Fort is right on the corner. The US Cavalry Headquarters is located in the 1876 Officer's Quarters directly North of the Visitor's Center. You can park in front of or directly behind the US Cavalry Association museum. Contact: Chuck Ogden - 405-740-4068.

NW Regional Meeting April 23rd: Will be hosted by Dorvan Ivy at the Route 66 Blacksmith Museum in Elk City.

The trade item is a something with a leaf.

Lunch will be provided but bring a side dish or desert to help out. Contact: Dorvan Ivy 580-821-4771.

May

SE Regional Meeting May 7th: Open

NE Regional Meeting May 14th: Will be Hosted by Ed McCormack at his home/shop in Okmulgee at 15100 N 270 Rd, Okmulgee, OK, 74447. (See Map)

The trade item is a knot.

Lunch will be provided but please bring a side dish or dessert to help out.

SC Regional Meeting May 21st: Will be hosted by JJ McGill at the Murray County antique tractor show grounds location. This meeting will host Boy Scouts from Tulsa. About 65 Scouts are expected plus Leaders and Parents. Any smiths that would like to help out educating and working with the young Scouts are greatly appreciated.

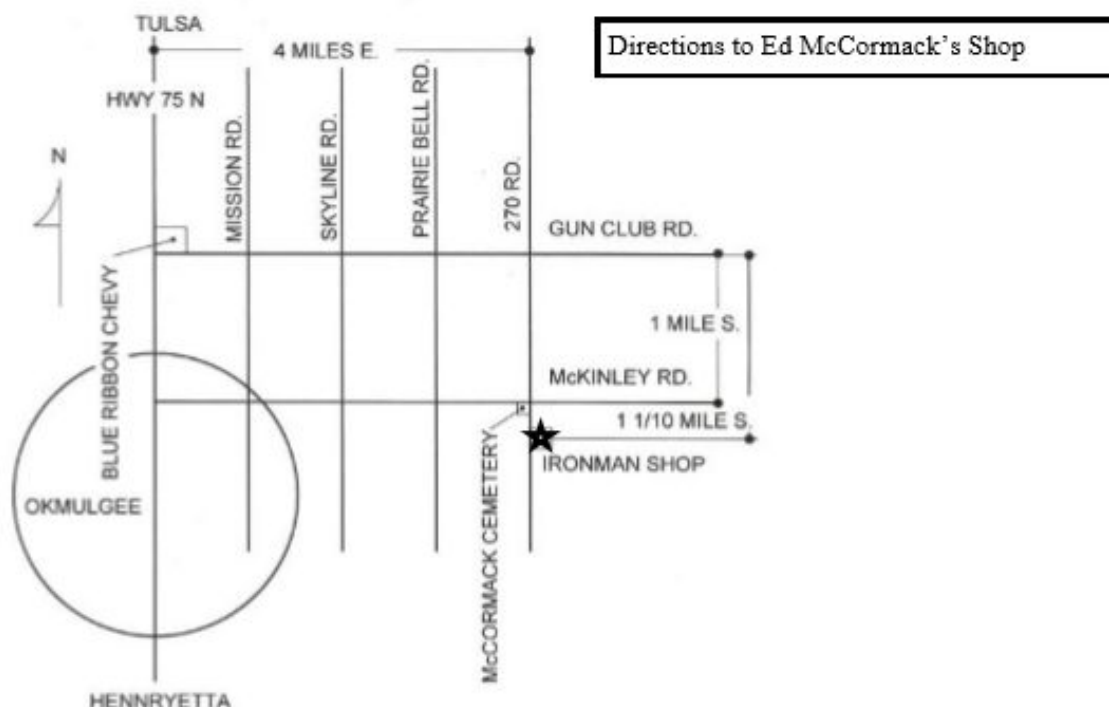
The trade item is a “multi-tined hot dog roasting fork with a twist” (one intent being to show the young Scouts how the tines could be formed as well as a simple twist.)

Lunch will be provided but please bring a side dish or dessert to help out.

Directions: 7 miles north of Sulphur on Hwy 177 then east $\frac{3}{4}$ mile on Tractor Road. Contact JJ McGill at 580-369-1042.

NW Regional Meeting May 28th: Will be hosted by Terry Kauk at his home/shop in Leedey, OK at 8411 N 2080 Rd. About 2 miles south of Leedey, go east at the intersection of Hwy 34 and Hwy 47. Go 2 miles east from the intersection, then 2 miles south, then 2 miles east, then approximately 1 $\frac{1}{8}$ miles south. Look for a two story brick house with tan shop north of the house.

Trade item is anything made from a horseshoe. Lunch is provided but please bring a side dish or dessert to help out. Contact Terry Kauk at 580-821-0139.



SCABA Annual Picnic

The 2016 SCABA Annual Picnic is here! Everyone is welcome to attend!

Date: April 16th

Location: Historic Fort Reno in El Reno, OK

This year's picnic will be hosted by Chuck Ogden and will be concurrent with the SC Regional meeting that Chuck and the US Cavalry Association are hosting at Historic Fort Reno. This is a family friendly event which is sure to have something for everyone to enjoy.

SCABA is providing the meat items for lunch. Please bring your favorite side dish, desserts, and drinks.

The facilities at the fort include a dining hall in the Chapel, and restrooms in both the Chapel and the Museum. Lunch will be served in the Chapel. If there is inclement weather, we can move into the barn which is a large enclosed area that also has a restroom.

Please bring your own lawn chairs.

Mandell Greteman will be coordinating the forging competition which will be a surprise until the picnic. So bring your tool bag/tool box/tool bucket with your favorite traveling tools. This year's theme is a mystery but it has been suggested that it will be something that will allow anyone to participate. (New members, all levels of experience, etc.) There will be a trophy for the winner.

Directions: Take US I-40 west through El Reno. Then take Exit 119 east to Route 66. The Fort is right on the corner. The US Cavalry Headquarters is located in the 1876 Officer's Quarters directly North of the Visitor's Center. You can park in front of or directly behind the US Cavalry Association museum.

If you have any questions on the picnic or the concurrent SC Regional meeting, contact the host, Chuck Ogden: 405-740-4068.

See you there!

Friday Nights at Byron's

I wanted to let everybody know that I am stopping the Friday night forging at my place.

The last night will be March 25th.

This will free me up to do some other things that I need, and want to do.

I have wondered if my Friday nights have caused some people to miss some of the Saturday meetings. I can say for sure that I've been too tired to attend more than one club meeting because of running crazy too much on the night before!

You have probably noticed that I have not had a club meeting at my place for a long time for the same reason. I am planning to rearrange the shop, then maybe have some workshops, and possibly some Friday nights, that are structured and not just free-for-alls.

I am sorry if this disappoints some of you, but the time, and energy spent; getting ready for, doing the Friday night, cleaning up after, as well as hunting for my stuff (then fixing or replacing it) has taken a toll on me, as well as my family.

- Byron Doner

SOUTHWESTERN IRONWORKS TAILGATE SWAP MEET

SAT. MAY 21, 2016

8:00 AM till.....

**BRING YOUR OLD, NEW,
UNWANTED TOOLS OR
WHATEVER**

TO BUY SELL OR TRADE

302 W. COLLEGE

GUTHRIE, OK

For more information contact:

David King at 405-426-0476

or Bob Paddack at 405-642-5243

50th Annual Oklahoma Steam and Gas Engine Show

May 6, 7, 8 2016

Steam Park Grounds
Pawnee, Oklahoma

<http://www.oklahomathreshers.org/mission.html>

Gates Open at 8:00 a.m.

Adults: \$10.00 per day or \$15.00 for multi-day pass

Children 12 and under are free

Friday is School Day (school groups accompanied by teacher admitted free of charge)

EVENTS

Demonstrations running off and on all day:

100 Ton Corliss Steam Engine in the PowerHouse (*Listed on the National Historic Registry*)
Steam Powered Sawmill/Shingle Mill ♦ Blacksmith ♦ Cornmeal Grinding ♦ Baker Fan
Horsepower Testing at the Prony Brake ♦ Rock Crusher ♦ Working Gas Engines Display
Line Shaft Driven Machine Shop ♦ Women's Quilt Exhibit ♦ Rope Making
Food Vendors ♦ Broom Making ♦ Corn Husking/Shelling

Friday

9:00 a.m.	National Anthem
9:30 p.m.	Downtown Tractor Tour
11:00 a.m.	Powerhouse Lecture
11:30 a.m.	Old Time Threshing Lecture & Demonstration
Noon	Noon Steam Whistle
1:00 p.m.	J. I. Case Incline Demonstration
2:00 p.m.	Powerhouse Lecture
2:00 p.m.	110 hp J. I. Case Steam Plowing—North Field
3:30 p.m.	Parade of Power
Dark:	Steam Engine Spark Show

Saturday

9:00 a.m.	National Anthem
10:30 a.m.	Old Time Threshing Lecture & Demonstration
11:00 a.m.	Powerhouse Lecture
11:00 a.m.	Sanctioned Kiddie Tractor Pull
11:00 a.m.	Steam Plowing—North Field
Noon	Noon Steam Whistle
1:00 p.m.	J. I. Case Incline Demonstration
2:00 p.m.	Powerhouse Lecture
2:00 p.m.	Old Time Threshing Lecture & Demonstration
2:30 p.m.	Prony Brake
3:30 p.m.	Parade of Power
5:00 p.m.	Steam Games
6:00 p.m.	Tractor Games
Dark:	Steam Engine Spark Show

Sunday

9:00 a.m.	National Anthem
7:00 a.m.	Catholic Services
8:00 a.m.	Protestant Services
11:00 a.m.	Powerhouse Lecture
11:00 a.m.	Gas Tractor Plowing - on Grounds
11:00 a.m.	Old Time Threshing Lecture & Demonstration
Noon	Noon Steam Whistle
12:30 p.m.	J. I. Case Incline Demonstration
1:00 p.m.	Parade of Power

Visit our website for past and present show pictures!



Around the State...

NW Region February Meeting:

The Northwest district Saltfork meeting on February 27 was hosted by Bob Kennemer and held at the Elk City Route 66 Blacksmith Shop.



About forty people attended with about thirty men and women doing blacksmith work; there were



several visitors and tourists. The trade item was a tomahawk, and the competition was intense.



The shop was busy all day. A group of about ten Boy Scouts registered, and they did not come just to watch! They kept two of the forges busy all day with some of our experienced blacksmiths helping them get started; in fact, we had a little trouble getting them to stop for lunch, and they were still making sparks fly at 5:00 P.M.



Around the State...

NW Region February Meeting (Continued...)



On Friday, February 19, Cory and Christie Spieker and Bob Kennemer returned from Nebraska City, NE, with trailer loads of 14 mechanical hammers that Sid Suedmeier donated to our museum. This collection included the following: Hawkeye, three Depew, Mayer Bro., two Kerrihard, Shatto & Son, Modern Grinnel, Star, and two shop-built hammers. We will be working on these for some time to get the hammers cleaned and displayed in a special area of the blacksmith shop.



All in all, it was an excellent day: lots of blacksmithing, large group, interesting tourists, good food, perfect weather, etc.
- Bob Kennemer

(Photos by the Gretemans)

Around the State...

SE Region March Meeting:

The meeting was a great success for Camp Hope Kids Ranch. We had five club smiths show up for this meeting. Mandell, Rickey Vardell, Bruce Willenberg, Ed McCormack & Korney.







Had forges going most of the day with kids running from forge to forge. We had BBQ





pork butt for lunch which I think all enjoyed. Trade item was an S-hook I think there were five. Ronnie & I would like to thank everyone who come out to help.

Bill Phillips

(Photos by the Gretemans)

NE Region March Meeting:

The northeast regional was a good time for all. We were worried about rain but the





weather
gods
were in
our
favor.

At one
time
there
were 38
people
there.



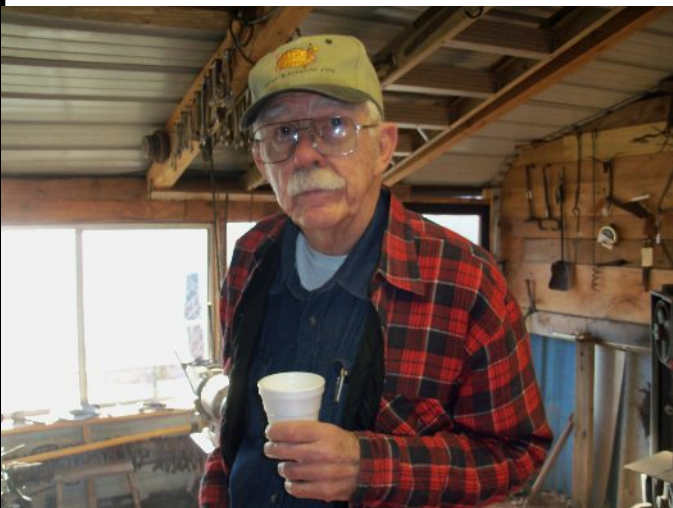
We had
6 forges going most of the day and the new
people had a good time hammering. The
rabbit and dumplings were a big hit as well
as the rest or the food.

Thanks to all who showed up to support the
club. - Doug Redden

(Photos by Doug Redden)

SC Region March Meeting:

The south central March meeting was held at the home and shop of Bruce and Sharlene Willenberg in east Norman OK. By 7 AM they were starting to roll in and the last staggered out 7PM.





Well over 30 folks attended some as far as Elk City and even from south of the border. Three forges were going most of the day for lots of banging and clanging. We had lots of help with everything tending fires, coffee, and serving up lunch which was chili, and grilled sausages and hot links. Desserts of cookies, pies, cakes, and cobblers. Man oh man oh man.



There were 13 screwdrivers for trade items (as well as a few special ones for gifts for the host) some of which were forged at the



meeting. Those 13 then entered a drawing for a pinch bar bender. Congratulations to Gerald Franklin who won the drawing.



I have no idea of the numbers of compliments that were passed around and of those passed to me. I now know why guys have meetings and why guys don't have meetings. For me personally this was a really great time and lots said it was a good time for them.

Thanks to all that attended and thanks to all that gave me all the support and help that I so desperately needed. Would not have been a success without you.

- Bruce Willenberg

(Photos by Bruce Willenberg and the Gretemans)

Iron-In-The-Hat: SUPER DRAWING!

Exciting news for those local affiliate chapter members who will be attending the July 2016 Salt Lake City conference! In addition to the daily Iron-In-The-Hat drawings, there will be a Saturday night SUPER DRAWING that will consist of the following items:

- The MARK InLine Treadle Hammer by Meyer Machine Tool Company;
- BAM Box: filled with *Signature Tools* by Pat McCarty; and
- TFS Single Horn 100 lb anvil by Delta Mustad.

For those members who will be unable to attend the conference, tickets for Iron In The Hat will be available thru your local affiliate chapter. Each chapter will be receiving 100 tickets for sale. Ticket prices are \$1.00 each. Upon request additional sales tickets can be obtained thru the ABANA office.

Participants do not have to be present to win. At the winners' request, shipping arrangements (paid by winner) can be made.

As you are aware, all proceeds from the Iron-In-The-Hat are used by ABANA for Affiliate member scholarships.

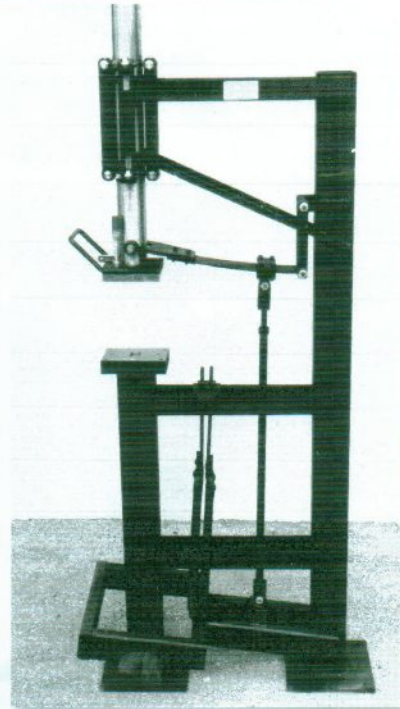
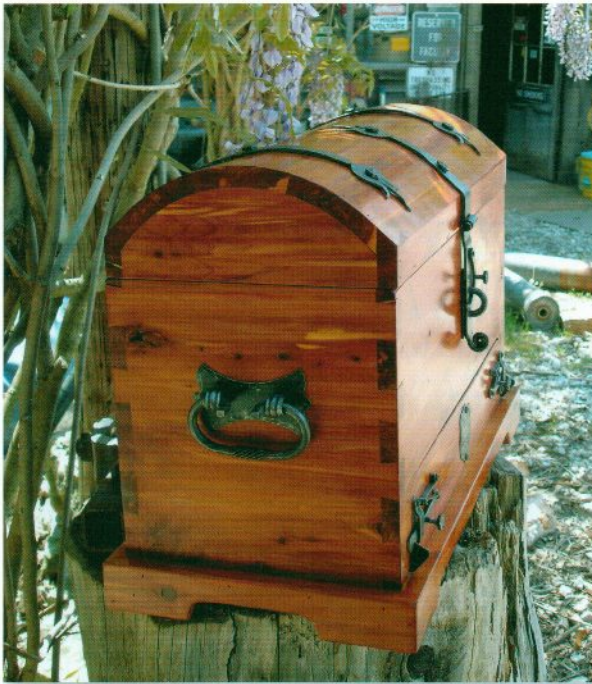
The Iron-In-The-Hat fundraiser is key to the success of our scholarship program. It provides the necessary funds to help educate and train scholarship participants and enhance blacksmithing. By

including all ABANA Affiliate members in our SUPER DRAWING, we can make our 2016 Conference the most successful scholarship program yet!

Please encourage your members to participate!

Thanks!

~Len Ledet



WINTER 2016 11

Doug Redden has obtained tickets for the Iron-In-The-Hat SUPER DRAWING at the ABANA Conference.

If you would like tickets, contact Doug. Tickets are \$1.00 each and you do not have to attend the conference to win the drawing.

CSMA Spring Demonstrator

The Central States Metal Artisans (CSMA) Spring Demonstrator will be Dorothy Stiegler on April 23-24, 2016. The event will be held at the CSMA club shop in Haysville, KS which is just south of Wichita. (See the attached map with the address of the Haysville club shop.)

Cost is \$50 for members and \$70 for non-members (which includes a membership with 12 issues of the CSMA newsletter).

The approximate schedule is 8 AM to about 5 PM Saturday and Sunday 8 AM to whenever she has to catch her flight back home sometime in the afternoon.

Dorothy will be doing some ornamental ironwork and some of the flowers she's known for. Registration and money can be sent to the CSMA treasurer:

Scott Sullivan
PO Box 2692
Wichita, KS 67201



BAM Conference

The Blacksmith Association of Missouri is holding its 25th Anniversary Ozark Blacksmith Conference April 28 - May 1, 2016 at the Missouri State Fairgrounds in Sedalia, Missouri. Demonstrators are: Bob Alexander, Pat McCarty, Bernie Tappel, Audra Draper, Mike Draper, Elmer Roush and Lynda Metcalf. Contact BAM for more information.

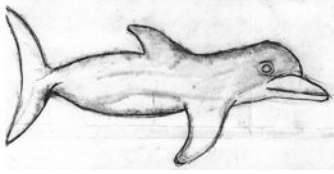
www.bamsite.org



New Club Coal at Charlie McGee's

Charlie McGee has taken delivery of a brand new fresh pile of club coal at his place north of Sand Springs. If you need to get club coal from Charlie, see details in the Shop and Swap section at the end of the newsletter.

Flat One-Sided Dolphin Project



Bill Epps

This Dolphin project was mailed in by Bill Epps. Drawings are by Marco Garcia.

Tools Needed:

2 Lb Cross Pein Hammer
Anvil
Ball Punch (aka Bob Punch)
Eye Punch
Hot Cutter
Butcher Punch

Materials:

1/4" x 1" Flat Stock
Long Enough to Hold Onto

Note: Refer to the September 2015 SCABA Newsletter on page 35 for a good way to make eye punches by Mandell Greteman - Editor

Fig. 1: Start with a piece of 1/4" x 1" flat bar long enough to hold on to.

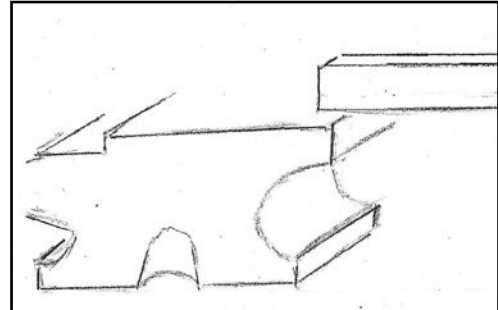


Fig. 2: Set down about 1/8" back to start forming the nose of the dolphin.

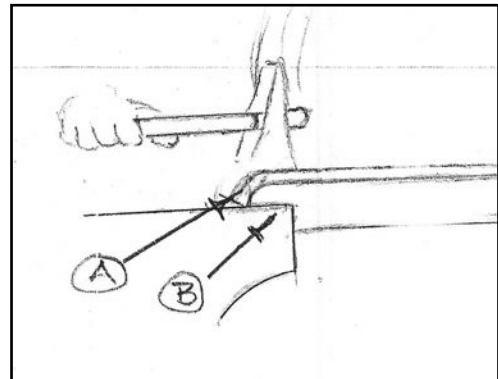


Fig. 3: Round up and taper the nose shaping with the hammer and file as needed.

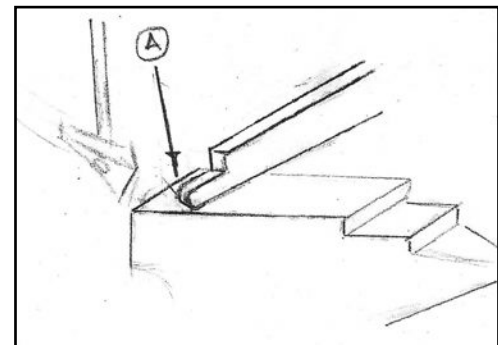


Fig. 4: Refine and form the snout.

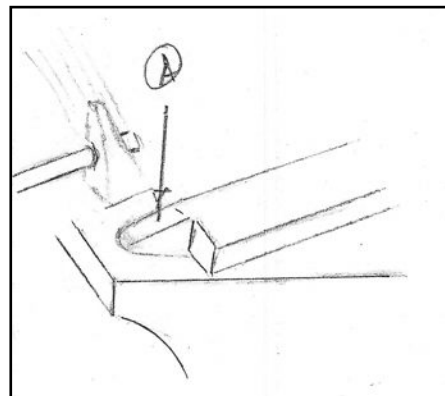


Fig. 5: Drive the top corner into itself by a 45 degree angle. Allow the sides to swell out.

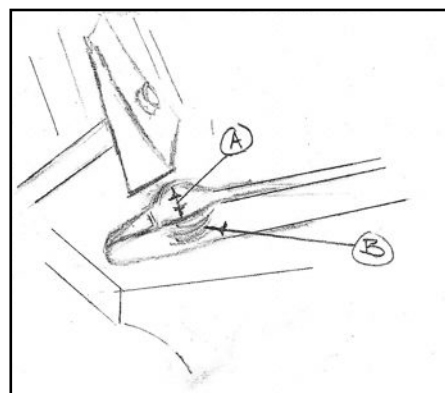


Fig. 6: Lay flat on anvil then flatten swells out back to the 1/4" thickness. This will generate the radius for the top of the head.

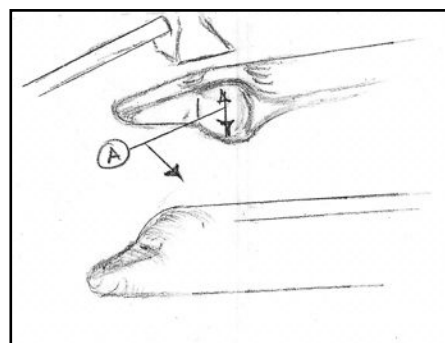


Fig. 7: Make the eye using the eye punch. Also cut the line forming the mouth. Make a line at the back of the nose to form definition to the head.

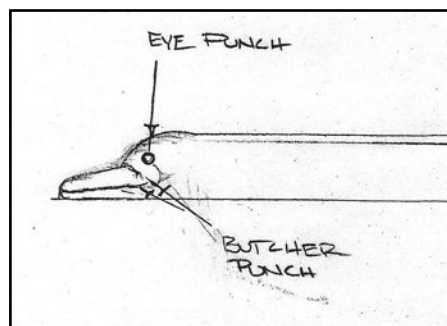


Fig. 8: On the back side, using a ball punch, upset enough material to form the top fin.

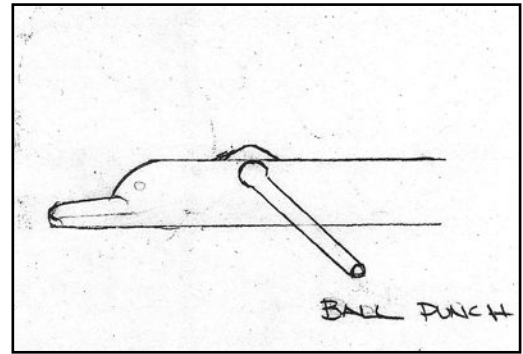


Fig. 9: Taper the body, keeping the thickness even and leaving the part that will become the tail full size.

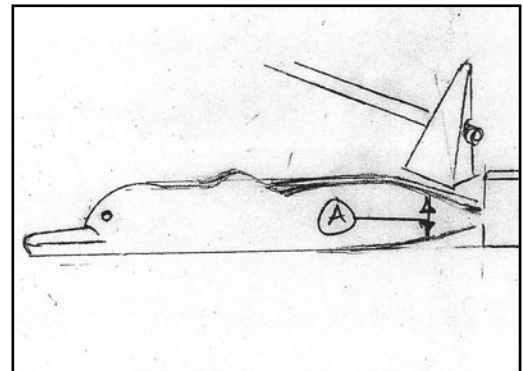


Fig. 10: Cut off (A) and split (B) to form the tail.

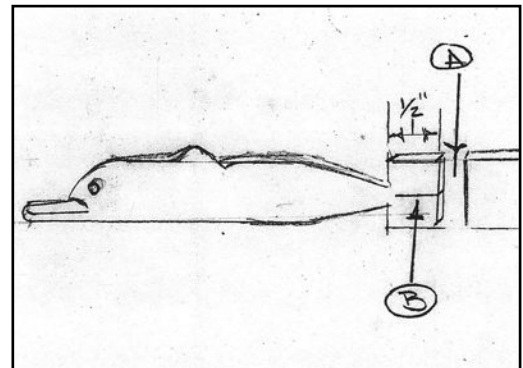


Fig. 11 and 12: Take a good heat, open up the split, then shape the dolphin's tale.

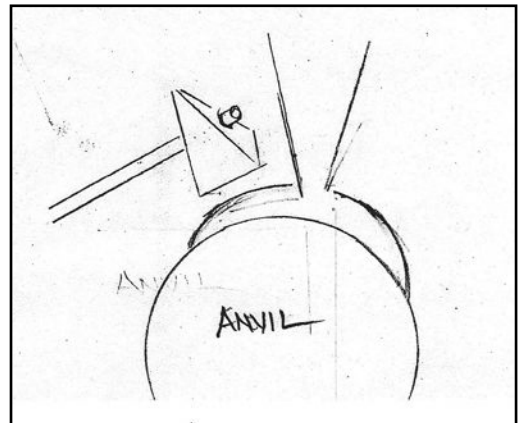
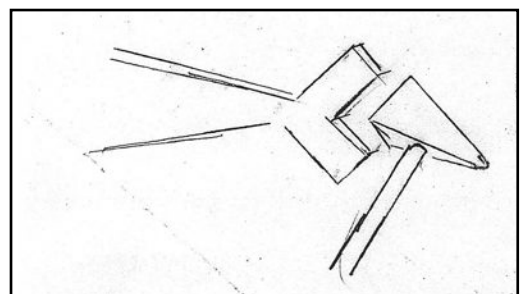


Fig. 13: Take a good heat then ball punch on the back side to form the flippers. Then finish shaping the top fin.

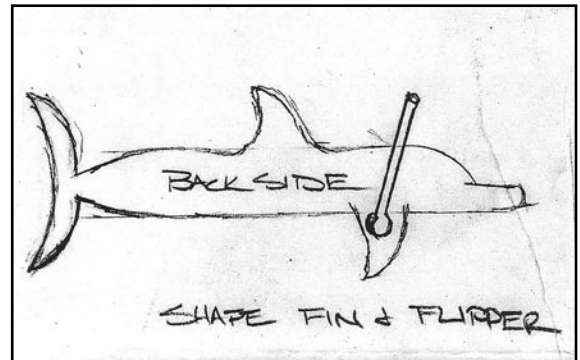
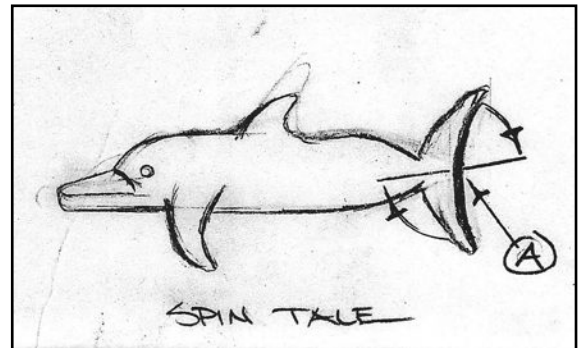
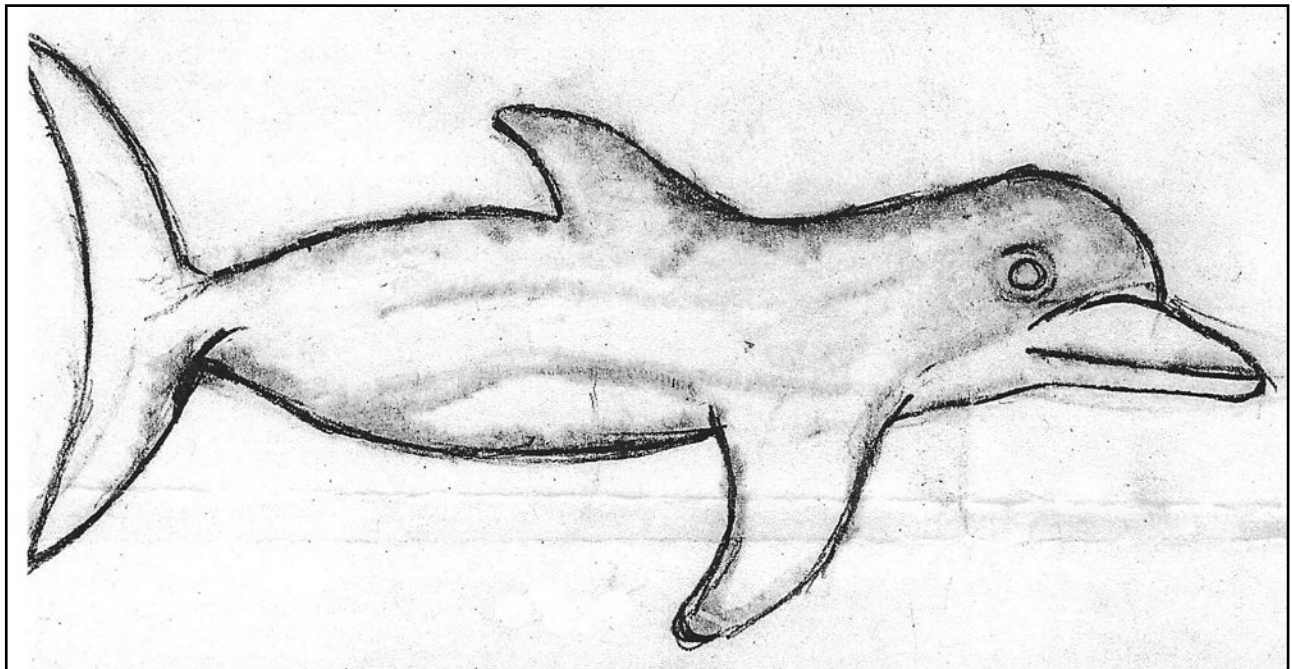


Fig. 14: Take a good heat on the tail end of the body then twist the tail 90 degrees. Then go back to the anvil to flatten out the twist. Wire brush and apply finish.



Try it just for fun!

- Your Friend, Bill Epps



Why not tennis shoes?



WHISKEY
RIVER
FORGE

*By Otto Bacon, a MABA member
Whiskey River Forge*

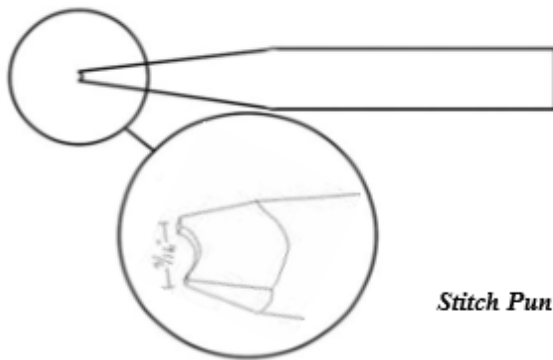
It is common for blacksmiths to make horse shoes.
Why not tennis shoes?



If you are going to reproduce a tennis shoe, find a pair you like at a thrift store and carefully take one apart. Throw out all the liner, padding, and parts you won't see, and then figure out how each remaining part can be made from steel. Use the original parts as patterns. Don't even try using steel thinner than 14 gauge. You'll waste a lot of time and eventually go to the heavier stock anyway. Heavier metal is easier to shape, holds shape better, and doesn't burn thru when you weld it. Each piece should be formed and finished so that the entire project fits together nearly perfectly before you weld anything. Attempting to adjust one part after you've welded it to another part is often impossible. Get it all perfect first. Cold form everything you can, using wooden mallets to eliminate hammer marks. If the metal work hardens, anneal it and let it cool. Drill all holes and make all punch

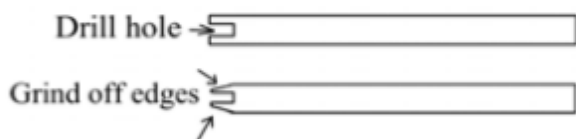
marks before the parts are welded. Better yet, do it while the parts are still flat. Make a stitch punch. It is tedious, but stitching looks better if you do it one stitch at a time. Do it hot to get nice clean impressions. Laces are difficult. Each lace goes over and under and through. They should not look like sticks. Start with round stock, and hammer it flat except for where it will go through an eyelet. Cut each segment of lace to length and form the ends to match the eyelets. Start assembly of a tennis shoe from the rubber around the sole. Welds are mostly on the inside where they won't show. Get the "rubber" to the right shape, and then add the toe cap. Now the sides and back. Do the laces before the tongue. Get good wrinkles in the tongue before you weld it in, as it will show under the laces. Use a rosebud torch or big forge fire and heat the whole assembly to a nice red color. Work it over with wooden punches to make the wrinkles. There are no flat spots on a shoe. Finally, weld on the sole. These welds will show, but will be on the bottom. Make them pretty and grind them out smooth like a worn sole on a shoe. If you are really crazy, make a matching pair!

Stitch punch - you may need several for different size stitching. I tried making a punch with several stitches in a row. It doesn't look natural. Stitching is done one stitch at a time. Sorry.



Stitch Punch

Grommet punch. If you need grommets or eyelets, make a punch. This is hollow punch that makes a ring around the lace hole that looks like a metal grommet in fabric or leather. Drill a hole in the end of a bar and



Grommet Punch

then grind away the outer edge until you have the look you want. To make the grommet, drill a hole and then heat the area around the hole and drive the punch in to form the grommet.

Wooden punches. Use sticks of hardwood to form wrinkles and dents without leaving hammer marks. I've used oak pallet material cut to length and then split to the width I need.

Wooden mallets. Again, pallet material.

The whole process works for boots too.

This 1 1/3 page article is re-printed courtesy of the Michigan Artist Blacksmith Association.



Blacksmith Videos on RFD-TV

This tip was submitted by Saltfork member Russell Bartling, Sr. (my dad) who pointed out some interesting videos aired on RFD-TV. The program is called "Rural Heritage" and is associated with a magazine that is mainly focused on using draft horses for practical work.

The blacksmith videos feature Brian Dale Headley, "The Singing Blacksmith." So far, there are three videos including a fireplace poker, a steak turner and a split cross.

If you don't have access to RFD-TV, the videos are also available online:
(Click on the picture, the title or the link, or use the QR code to view the videos.)



Forging a Fireplace Poker

<https://vimeo.com/159249811>



Forging a Steak Turner

<https://vimeo.com/159249967>



Forging a Split Cross

<https://vimeo.com/159249812>



Upsetting Bolster

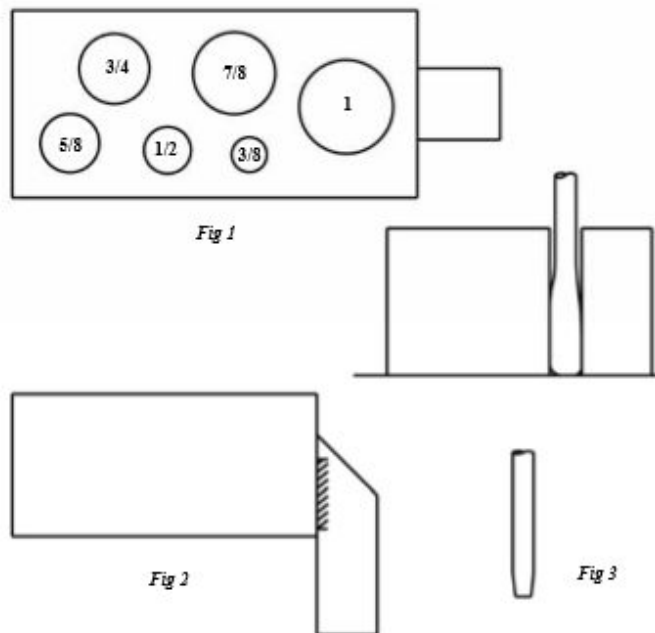
by Jr. Strasil

Upsetting can be a time consuming and frustrating task to perform. With a simple bolster or upsetting bar it can be quick and easy.

Start with a piece of 2" square hot rolled bar about 5" long and drill 6 holes in it as per drawing in figure 1. Hole sizes are 1" - 7/8" - 3/4" - 5/8" - 1/2" - 3/8". All holes should be 1/64 to 1/32" oversize and very lightly chamfered on both sides. Remove burrs from the cut ends and weld on a square shank to fit your hardy hole at the end with the hole, see figure 2.

To use, take a yellow heat on 1-1/2 to 2" of the end of the piece to be upset and taper slightly as in figure 3. Stick the end in the upsetting bar, using a hole about 1/8" larger than the material, Hammer the end of the material. Remove from the block and realign the upset end of the rod with light blows, so you don't undo the upsetting. If a longer or larger upset is needed, taper the end before heating and repeat the procedure.

Upset only 1/8" at a time to control cold shuts and bending of the end. If it sticks in the hole, wait a little while and it will cool and shrink and then slip out easily.



This 1/2 page article reprinted from the Blacksmiths of Missouri, September- October 1999

Do the Rebar Twist-

by Jim McCarty

Hardly a meeting goes by that Doug Hendrickson doesn't come up with something new. His latest was this nifty rebar twist that looks, well, sort of like you put a lot of effort into doing it when all you really do is flatten the ends, heat and twist. I tried this technique on the fork, which

was made at the state fair. It was a lot of fun putting the finished piece out on the table and asking those watching to try and guess how it was done. No one caught on. I also tried other types of rebar but they just didn't look as good. Other uses might include candlesticks, railing pickets, handles for drawers and whatever.

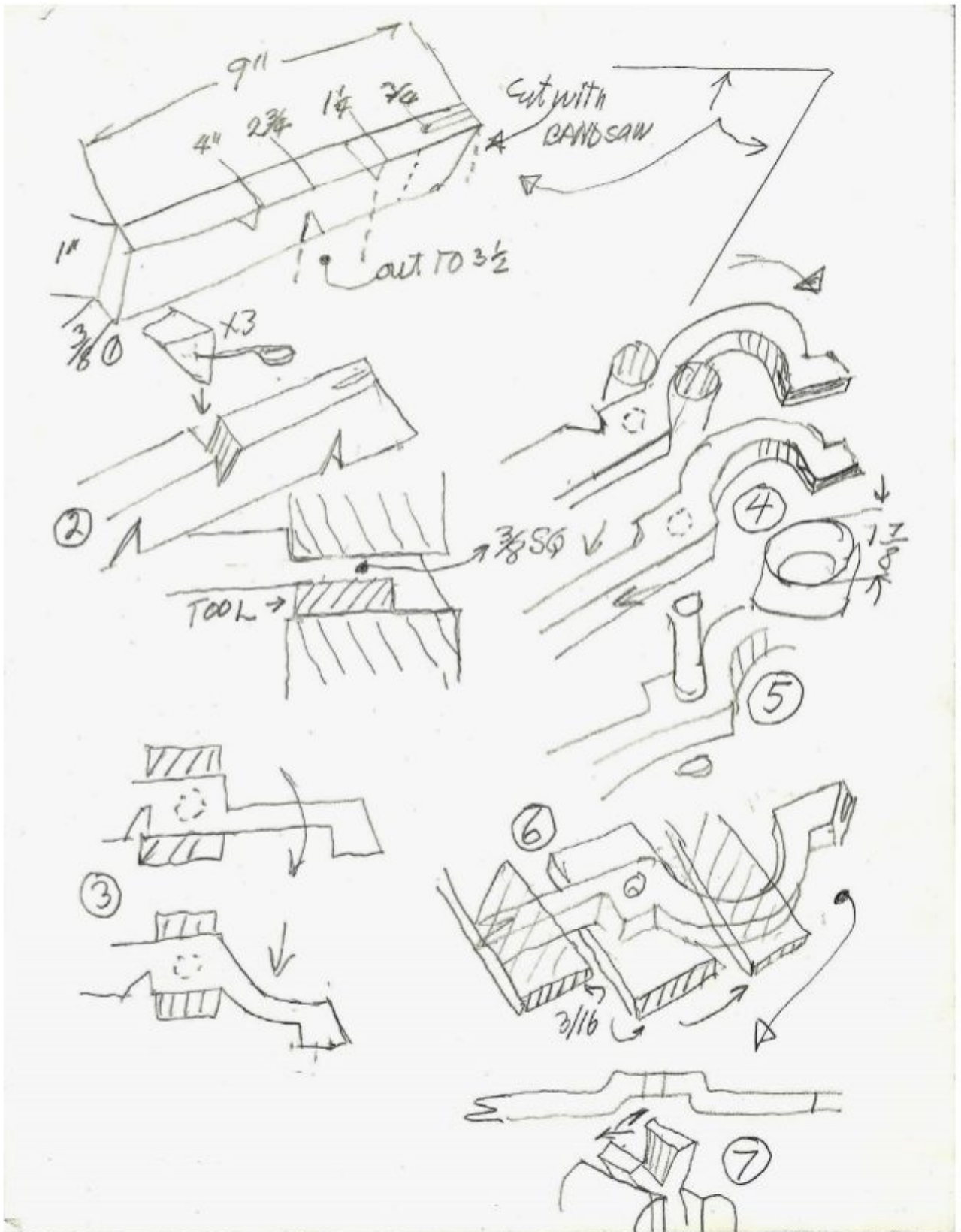


Bolt Tongs

Made With A Power Hammer

By Steve Alling a MABA member.

This three page article is re-printed courtesy of the Michigan Artist Blacksmith Association.



On the left is the angle to precut your stock, of course that same cut works for the other end. I find it handy to use the little jig to hold the stock while I cut the slot on the end.

Swage it about half way through at the three places and draw out the extension to the bit to $\frac{3}{8}$ inch square to $3\frac{1}{2}$ inches long.

Bend as indicated to about a 45 degree angle.

Complete the bend ending up with the slit end of the bit lined up with the rein. Draw out the reins they should give you about 11 inches X $\frac{3}{8}$ round.

Punch and drift for the rivet.

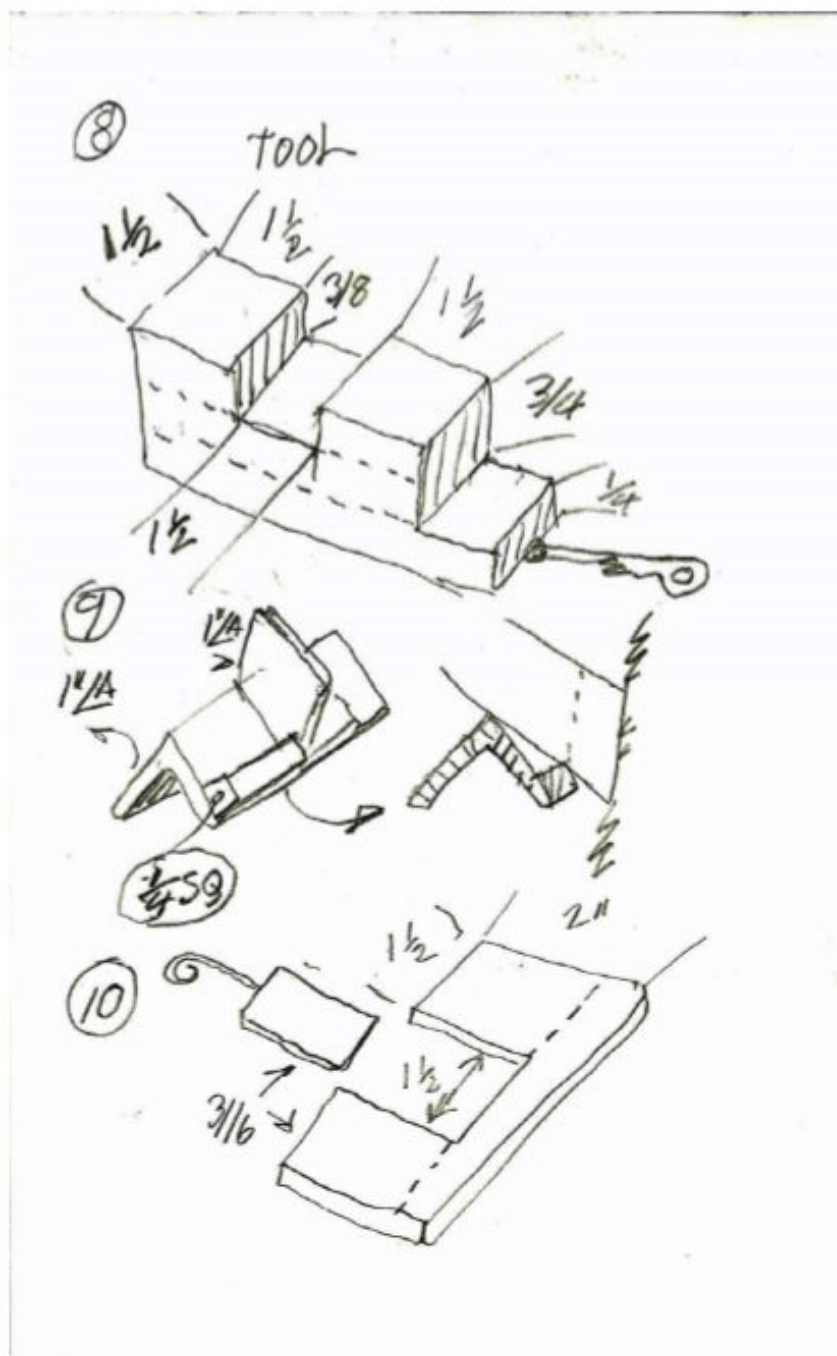
You need to offset half the thickness of the boss so that the reins and the bit line up.

Open the bit to a 90 degree angle. After you assemble the tongs the bit will have a pointed end that should be trimmed and rounded.

Tool. This is the tool that I use to make these tongs and common tongs. It is made of $\frac{3}{8}$ X $1\frac{1}{2}$ inch hot rolled welded and ground smooth with a $1\frac{1}{2}$ X $\frac{1}{4}$ inch welded on the bottom.

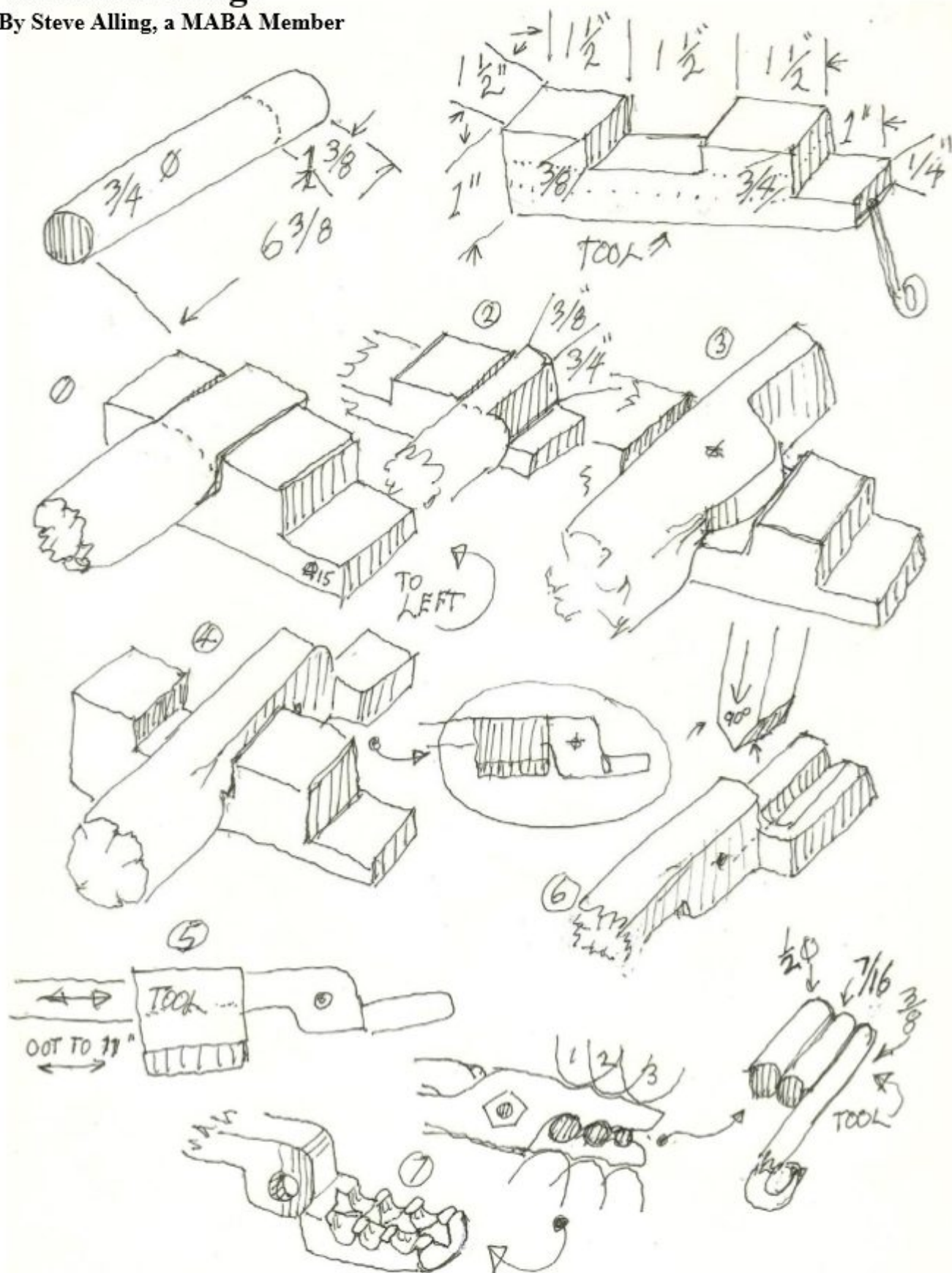
The jig for holding the stock for slotting made from 1 inch angle iron and $\frac{1}{4}$ inch square.

The offset tool made from $\frac{3}{16}$ inch plate.



Wolf Jaw Tongs

By Steve Alling, a MABA Member



SCABA Embroidery Available

Saltfork member Larry Roderick has setup a source for SCABA logo embroidery on shirts or embroidery compatible items. Larry presented an embroidered tan Wrangler western shirt at the recent Board of Directors meeting and the quality of the embroidery is excellent. The design is based on the new SCABA T-shirt design on the back with the classic SCABA logo above the front left pocket. Your name can also be put on the right side opposite from the logo if you would like.



If you would like an embroidered shirt or other item, find an item that fits you properly and mail it to Larry.

Compatible items must be flat. Pleats cannot be embroidered.

The cost for the embroidery applied to your item is \$80 each including return shipping and handling. Heavy coats might add a few dollars more for shipping.

Mail to:

Larry Roderick
500 S. FM 369
Burkburnett, TX 76354

If you have questions, contact Larry at 940-237-2814 or roderickwaterwells@gmail.com

(Photos by LaQuitta Greteman)

SCABA Shop and Swap

For Sale:

I have for sale several metal working tools and machining tooling.

Antique bellows \$425

Sheet metal roller \$175

Sheet metal shear \$175

2 hand crank grinders \$30 each

Little Giant tap and die set \$50

56 assorted chisels and punches. Price may vary depending on piece.

Assorted machining tooling. Price may vary depending on piece.

For pictures or questions contact Brendan Crotty by phone call, text, or email.

Phone number: 918-910-0384

E-mail: brendancrotty246@gmail.com

If calling please leave a message and I will call back.



For Sale:

Tire Hammer Plans by Clay Spencer

Send a check or money order for \$30 US to Clay Spencer, 73 Penniston Pvt. Drive, Somerville, AL 35670-7013. Or send \$32 US to [Paypal.Me/ClaySpencer](https://www.paypal.com/ClaySpencer). E-mail me at clay@otelco.net. PDFs will be e-mailed outside US. Phone 256-558-3658

Beverly shear blades sharpened

Remove your blades and send in USPS small flat rate box with check for \$41 US to 73 Penniston Pvt. Drive, Somerville, AL 35670-7103.

SCABA Shop and Swap (Continued...)

SCABA Library DVD's Available:

This is a partial list of the DVD titles available to members from the SCABA Library. Contact the Librarian (Doug Redden) if you would like to obtain a copy of any listed title or if you have questions on any other titles that may be available. Additional titles are listed on the website. DVD's are available for a very minimal cost to offset the blank disc and cases or sleeves. Shipping cost applies if you need these delivered by mail.

- Robb Gunter Basic Blacksmithing parts 1,2,3 and the controlled hand forging series
- Clay Spencer SCABA conf.2013 pts. 1,2 and 3
- Jerry Darnell 18th century lighting, door latches and hinges
- Brent Baily SCABA conf. 2011
- Mark Aspery SCABA conf. 2011
- Robb Gunter SCABA conf. 1998
- Robb, Brad and Chad Gunter 2009 joinery, forging, repousse, scrollwork, etc.
- Bill Bastas SCABA 2002 pts. 1 - 6
- Jim Keith SCABA conf.2007
- Power hammer forging with Clifton Ralph pts. 1 - 5
- Doug Merkel SCABA 2001
- Bob Alexander SCABA 2008
- A. Finn SCABA 2008
- Bob Patrick SCABA 2004
- Gordon Williams SCABA 2010
- Daryl Nelson SCABA 2010
- Jim and Kathleen Poor SCABA 2001
- Ed and Brian Brazeal SCABA 2006
- Ray Kirk Knives SCABA 2002
- Frank Turley SCABA 1997
- Frank Turley SCABA 2003
- Bill Epps SCABA 2003
- M. Hamburger SCABA 2007

For Sale:

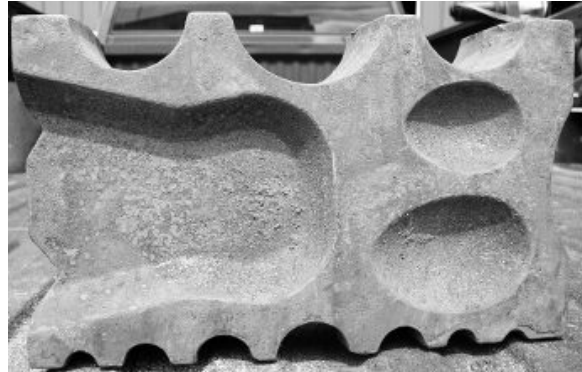
6" round nosed pliers (great for putting scrolls on small items) \$5.00 each.

Brooms tied, \$20.00 on your handle Please contact me for help with handle length.

Contact Diana Davis at
Diana.copperrose@gmail.com

SCABA Swage Blocks

\$150.00 plus shipping.
(Same price to members and non-members.)
Contact Bill Kendall for more information.

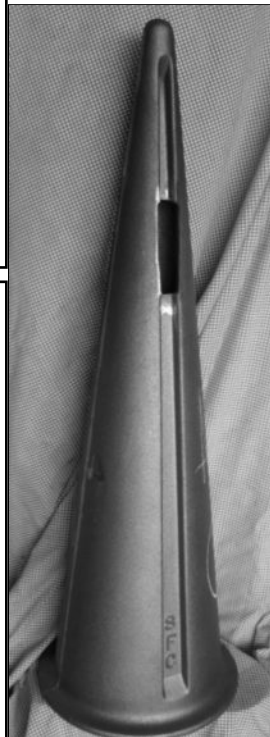


SCABA Floor Cones

\$200.00 plus shipping.

(Same price to members and non-members.)

Contact Bill Kendall,
Byron Doner or Gerald
Franklin for more
information.



SCABA Shop and Swap (Continued...)

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
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 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: (Home) 918-245-7279 or (Cell) 918-639-8779

Please text his cell phone number if you would like to make arrangements to get coal.

Charlie has recently taken delivery of a new fresh pile of coal at his place!

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

Show Your Pride in SCABA!

License plates - \$5.00 each.

Ball Caps - \$10.00 each.

We also have coffee cups.

We still have some of the old SCABA t-shirts available while the supplies last. They are a gray pocket "T" with the SCABA logo on the pocket. Contact Diana Davis for information.



Have an Item for Sale? Item Wanted?

If you have any items that are appropriate for Blacksmiths that you would like to list in the Swap and Swap section (or items you are looking for), please send me your description, contact info, and any photos that you have

The SCABA Shirts

are now available with a bold new look...

The latest SCABA T-shirts are now available with a new custom design by a professional artist. We also have new long sleeve denim shirts now available with the same new design. Each shirt has the main design on the back with the SCABA logo on the front pocket. T-shirts are available in black and gray. Denim shirts are \$25 and T-shirts are \$15 (plus shipping if applicable.) If you would like to purchase shirts, contact Doug Redden (918) 230-2960:



SCABA Membership Application

January 1, 20 16 to March 31, 20 17

New Member _____

Membership Renewal _____

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 17

Signed: _____

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



Saltfork Craftsman Regional Meeting Hosting Form

Region _____ SE _____ NE _____ SC _____ NW

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

Name _____

Address _____

Phone/email _____

Trade item _____

Lunch provided ☐ yes ☐ no

Please provide directions or 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 Regional Meeting Coordinator no later than the 15th of the month TWO months PRIOR to the meeting month.**

Completed forms can be mailed or emailed.

You will receive a conformation by e-mail or postcard.

A form must be filled out for each meeting.

If you don't receive something from the Regional Meeting Coordinator within 10 days of your sending in your request, call to verify that it was received.

An online form is also available on the website in the top banner of the Calendar Tab:

www.saltforkcraftsmen.org/Calendar.shtm

Saltfork Craftsmen Artist Blacksmith Assoc. Inc.
23966 NE Wolf Rd.
Fletcher, OK 73541

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