

Saltfork Craftsmen

Artist-Blacksmith Association

June 2021



Winners of the 2021 Picnic Forging Contest
David Seigrist (left) and Matthew Wangler (right)

**Saltfork Craftsmen
Artist-Blacksmith Association
Officers and Directors**

President/West Workshop Coordinator:

Mandell Greteman 580-515-1292
409 East Broadway
Foss, Okla. 73647 mandell01@windstream.net

Vice-President/Conference Chair:

JJ McGill 580-369-1042
5399 Pete Nelson Rd.
Davis, OK 73030 jjmcgill88@yahoo.com

Director:

Byron Doner 405-650-7520
6520 Alameda
Norman OK 73026 byrondoner@esok.us

Director:

Rory Kirk 580-497-6426
501 S 3rd Street
Cheyenne, OK 73628 ershkirk@gmail.com

Director/East Workshop Coordinator:

Brad Nance 918-774-4291
106570 S. 4690 Rd
Sallisaw, OK 74955 bradley.nance@cnet.com

Director:

Eric Jergensen 405-414-8848
625 NW 18th
Oklahoma City, OK 73103 gericjergensen@gmail.com

Director:

Russell Bartling 918-633-0234
70 N 160th W. Ave
Sand Springs, Ok 74063 rbartling@ionet.net

Assignments:

Secretary:

Carol Doner 405-760-8388
6520 Alameda
Norman, OK 73026 caroldoner7@gmail.com

Treasurer:

Teresa Gabrish 405-824-9681
322 Washington Ave
Blanchard, Ok 73010 tgabrish@gmail.com

Editor/Regional Meeting Coordinator:

Russell Bartling 918-633-0234
70 N 160th W. Ave
Sand Springs, Ok 74063 rbartling@ionet.net

Webmaster:

Dodie O'Bryan
Pawnee, Ok scout@skally.net

Librarian:

Don Garner 580-302-1845
23713 E 860 Rd
Thomas, OK 73669
Call or Text. If you get voice mail, please leave a message.

Editor's Notes:

What does it mean to be "self taught?"

As long as I can remember, I have heard people say "I'm self taught." At some point, it occurred to me that this is usually not strictly true. Most of the time in today's environment, this statement actually means something like, "I sought out the information and resources with some trial-and-error to figure it out myself without any structured guidance."

In the blacksmith world, there are numerous videos, books, etc., available today that were nowhere to be found several decades ago. And now there are ever-increasing on-line training opportunities. It seems like it is easier than ever to be a "self-taught" blacksmith. These are all valuable skill building resources but with all of their convenience, they do have pitfalls. We as aspiring learners must be able to filter out miss-information and sometimes that only comes from personal experience. It takes some time to learn what is quality information versus informational chaff and this, again, is probably a result of personal experience. It can take multiple lifetimes to develop the highest skill levels in a personal vacuum learning this way.

Fortunately, there is a faster way. Personal training has a value that sometimes doesn't seem immediately apparent. Actually, I have occasionally found myself applying skills I only saw my dad using maybe thirty or forty years ago. The information was there when I finally needed it. I once heard Peter Ross say something along the lines of "...books are probably the FOURTH best way to learn this stuff..." The context was that personal instruction is the absolute best way for MANY reasons. I am a huge fan of personally trying new ideas and also not necessarily waiting to be taught to try something. But, the older I get, the more I look at the limited time remaining to go the slow route. I like to take advantage of personal training anytime I can. I ALWAYS learn something valuable. Even if "I already knew how to do that." These opportunities are usually transformational and are always fun.

This is one of the main benefits of being a Saltfork member for me. The educational opportunities and networking have been more rewarding than I would have ever expected. I hope your experience is just as rewarding. -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.

Material from this newsletter may be freely copied without permission for non-profit purposes. Please credit the author and this publication.

Visit our Saltfork Craftsmen Website:
www.saltforkcraftsmen.org



President's Notes:

Hello everyone.

We had a good gathering at our picnic. It was good to see a lot of people that I haven't seen in a while. We had a major turnout compared to last year (no picnic due to covid) but it was a smaller group than in previous years.

We only had a few participate in the forging competition but Gerald Franklin did a good demo of the contest projects (snub end and penny scrolls.) He showed a lot of good blacksmithing processes. There were some new members that really seemed to enjoy the demo and some long time members as well.

We are working on putting on a good conference this year. Stay tuned. So far, it looks like everything is coming together this year.

If anyone gets an e-mail using my name to get money from you, disregard it. Someone is using my e-mail trying to get money and making it sound like it is from SCA-BA. If I want to do something like that, I will call you and it would be in the newsletter also. I'm trying to get this stopped. We don't raise money this way.

I hope everyone is getting to work in their shops all they want now. It is good therapy I think.

Keep your fire clean and hot.

Thanks, - Mandell



All Regional Meetings are Free to Attend and are Always Open to Any Member or Guest...

New to Saltfork or just want to check out Blacksmithing but don't know where to start? These meetings are a great place for new members or guests who just want to see what it is all about to come network with like-minded people. If you want some pointers on how to get started, there is always someone happy to help get you started hammering. And guests are always welcomed.

Want to host a meeting? The meeting hosting form can be found on the last page along with membership application form. If you want to host a meeting in any 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. If you mail a form, please call or e-mail to verify that it is received. 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

What's My Region?

The four main regions are currently defined within the state by being separated by I35 and I40. (For example, the NW region is anything north of I40 and west of I35.)

All meetings are encouraged. These boundary definitions and regional meeting dates are a suggested framework to facilitate orderly meeting scheduling, planning and promotion with a minimum of overlaps and a maximum exposure to the greatest number of members. Not all meetings fit precisely within a rigid boundary definition and members in an area may want to hold meetings on a date that doesn't match their physical region or at a location other than their own region. This may be especially true in the center of state for areas that are close to the I35 and I40 boundary crossing. Special events such as shows, fairs, etc. may also dictate adjustments to the meeting dates within a region.

SCABA Regions



The regions are meant to be a simplification and clarification to the regional boundaries rather than a rigid restriction to any meeting scenario. ***Saltfork members all belong to one club.*** Regional boundaries are not intended to imply division within the club, but are intended to help spread distribution and promote monthly meetings.

Safety

Blacksmithing can be an inherently dangerous exercise. There is no substitute for personal responsibility and common sense and no list of safety rules can adequately cover every situation. Every person who attends a meeting, demonstration or event sponsored by the Saltfork Craftsmen Artist Blacksmith Association (SCABA) or its members does so at their own risk and assumes all responsibility for their own safety needs. The SCABA organization, its officers, members, demonstrators, volunteers and guests disclaim any responsibility for any damages, injuries, or destruction of property resulting from the use of any information or methods published or distributed by SCABA or demonstrated at workshops, meetings, conferences or other events. SCABA recommends proper attire and safety gear and standard shop safety procedures appropriate for blacksmithing and shop work during any event where blacksmithing and other related methods are involved. Safety attire includes, but is not limited to, appropriate clothing, eyewear, hearing protection, gloves, and face shields when appropriate. It is every individual's responsibility to provide for their own safety, to determine what safety gear is appropriate for each situation and to provide, maintain and use that gear as appropriate for each individual situation.

2021 Workshop Schedule

The Board of Directors and the Workshop Coordinator are always looking for feedback from members on what workshops you would like to see from fundamentals to advanced. Please let them know! If there is group interest in a specific workshop topic, they will work hard to try to make it happen.

Beginner Blacksmith Workshop - Saturday, July 31st:

There will be a Beginner Blacksmith Workshop July 31st at the Route 66 Museum Blacksmith Shop in Elk City, OK.

The class size will be limited to 10 people so if you are interested secure your place in the class as soon as possible.

Contact Mandell Greteman at 580-515-1292 to register for the class or if you have any questions.

Have an idea for a workshop or class? If you have an idea for a workshop that you would like to attend (or teach), please let the workshop coordinator know so that details for time and place can be worked out.

******NEW******

We now have two workshop coordinators:

Western Areas: Mandell Greteman is the SCABA Workshop Coordinator.
Contact Mandell at 580-515-1292.

Eastern Areas: Brad Nance is the SCABA Workshop Coordinator.
Contact Brad at 918-774-4291.

Coronavirus Safety Concerns/Event Cancellations:

With recent developments concerning COVID19, a large number of blacksmithing related events have been canceled for safety reasons. It will be more important than ever to stay posted with websites, social media, etc. and to double check before assuming events will be held.

-Russell Bartling, Editor

2021 REGIONAL MEETING SCHEDULE

NE Region (1st Sat)	SE Region (2nd Sat)	SW Region (3rd Sat)	NW Region (4th Sat)
Jan 2nd (Open)	Jan 9th (Open)	Jan 16th (Open)	Jan 23rd (Open)
Feb 6th (Open)	Feb 13th (Open)	Feb 20th (Open)	Feb 27th (Doug Hyde)
Mar 6th (Open)	Mar 13th (Open)	Mar 20th (Open)	Mar 27th (Mandell Greteman)
Apr 3rd (Don Garner)	Apr 10th (Diana Simon)	Apr 17th (Open)	Apr 24th (SCABA Picnic!)
May 1st (Open)	May 8th (Open)	May 15th (Open)	May 22nd (Rory Kirk)
Jun 5th (Open)	Jun 12th (Open)	Jun 19th (Open)	Jun 26th (Everett Timmons)
Jul 3rd (Matthew (Ragnar) Crowson)	Jul 10th (Open)	Jul 17th (Open)	Jul 24th (Open)
Aug 7th (Diana Simon)	Aug 14th (Open)	Aug 21st (Open)	Aug 28th (Open)
Sep 4th (Tracy Cowart)	Sep 11th (Open)	Sep 18th (JJ McGill)	Sep 25th (Ron LehenBauer as Host - Don Garner as Contact Person)
Oct 2nd (Open)	Oct 9th (Conference Setup)	Oct 16th (Conference Weekend)	Oct 23rd (Rory Kirk)
Nov 6th (Diana Simon)	Nov 13th (Open)	Nov 20th (Open)	Nov 27th (Open)
Dec 4th (Open)	Dec 11th (Open)	Dec 18th (Open)	Dec 25th (Christmas Day)

2021 Fifth Saturdays:

January 30th (Open)

May 29 (Boy Scout Meeting at Murray County Antique Tractor Show Grounds.)

July 31st (Beginner Blacksmith Workshop - Elk City)

October 30th (Open)

June 2021

NE Regional Meeting June 5th: Open.

SE Regional Meeting June 12th: Open.

SW Regional Meeting June 19th: Open.

NW Regional Meeting June 26th: Will be hosted by Everett Timmons at the Route 66 Museum Blacksmith Shop in Elk City.

Trade item is a livestock bell - cowbell, or bell for goat/sheep, etc.

Lunch will be provided but please bring a side dish or dessert to help out. Contact Everett Timmons at 806-930-0052 if you have questions.

July 2021

NE Regional Meeting July 3rd: Will be hosted by Matthew (Ragnar) Crowson at 5908 E Tecumseh St, Tulsa, OK 74115

Trade item is a BBQ utensil.

Lunch will be provided but please bring a side dish or desert to help out. Contact Ragnar at 918-855-8250 if you have questions.

SE Regional Meeting July 10th: Open.

SW Regional Meeting July 17th: Open.

NW Regional Meeting July 24th: Open.

The Saltfork Gate Project Still Needs More Rings!



This is a community project that is open to all Saltfork members regardless of skill level or experience. There is still room for more rings. You can see more details about the project in any of the past newsletters from August 2019 through January 2021.

Contact Mandell if you have any additional questions or to find out where to obtain one of the project rings: **Mandell Greteman 580-515-1292.**

2020 SCABA COVID CONFERENCE

We did not have a cash flow in 2020 like we usually do after a conference due to Covid cancellations. We are planning to have an auction online to increase our cash flow. Therefore, we are asking for donations to auction off. Ordinarily we would have asked for donations for our conference. If you could let me or a board member know what you would be willing to donate, as soon as we have enough donations, we will organize the auction(s). Thank you for caring about our organization.

If you could get your donations to me, or any board member, we will compile them. This should be fun! Text or email me with any questions!

Carol Doner, 405-760-8388, caroldoner7@gmail.com

Carol Doner,
State SCABA Secretary

2021 Donations received so far for the online auction:

Terry Jenkins	Blacksmithed Heart with Roses
EWS	Welding Helmet
Gerald Franklin	3 Blacksmith Books
Mike Taylor	3 Bottle Openers worth \$40 Each
Dale Dixon	8 Foot Ornamental Windmill (In Box) Made In USA
Mandell Greteman	3 Lb Diagonal Pein Hammer
Gerald Franklin	Cannady Otto Hand Crank Blower with Stand
Gerald Franklin	Champion 200 Hand Crank Blower (no stand)
Gerald Franklin	Decorative Punch Set with Holding Tongs
Mandell Greteman	Pair of Mini-Tongs
Anthony Griggs	Three Pairs of Tongs



2020 SCABA COVID CONFERENCE (continued...)



Decorative Punch Set by Gerald Franklin - Hot cut is S7. The other punches are 1045 water hardened and tempered at 425 degrees for 2 hours.



Mini-Tongs by Mandell Greteman



Tongs by Anthony Griggs

Quick News:

Recent Board of Directors Meeting: The board met on May 16th to discuss a number of items. This is a summary to bring you up to date:

- **2021 Director Elections:** Byron Doner and Mandell Greteman were re-elected to their incumbent director positions and Brad Nance was elected to fill the vacancy of Ricky Vardell's director position (Ricky needed to resign from his position due to his current work load.) Thanks to everyone who voted. And thanks Brad Nance for running for election.
- **SCABA Annual Conference Tool Box:** Brad Nance has volunteered to build this year's Conference toolbox. Stay tuned for details and photos when they become available. AS with every year, we will be trying to fill the box with good tools for the raffle at the conference.
- **SCABA Workshop Coordinators:** We now have two workshop coordinators. Mandell Greteman will continue as workshop coordinator for the western areas and Brad Nance will be the workshop coordinator for the eastern areas.
- **SCABA Online Auction:** Thank you to everyone who provided items for the online auction to help make up for the shortfall from 2020's canceled conference. The items will be posted online soon through e-bay. The plan is to announce the auctions in the newsletter once the final details are worked out. The auctions are not limited to members only but will be open to anyone who is aware of them on the e-bay platform. The planned announcements should give members enough prior notice to follow the auctions.
- **SCABA T-shirts:** Teresa Gabrish is working on new SCABA T-shirts. Detailed information and order forms will be listed in the newsletter soon.
- **E-mail Scam:** Be aware that there is an e-mail scam making the rounds, not just in Saltfork, but in other blacksmith organizations as well (including ABANA and Alabama Forge Council that I know of for sure.) The scam involves an e-mail from one of the members asking for a monetary donation. It usually seems to be in the name of an officer who's contact information is usually available from online newsletters. The scam is easy to detect if you know the person who the scammer is trying to represent in the e-mail. It just won't sound quite like them, will say something like "I am out of town and need your assistance, etc. But if you have any doubts, always check the source of the e-mail. The name you seem may not be the actual source and scammers can change what you see easily. Look at the properties to verify the actual address of the sender. I have my e-mail set up to show this automatically beside the published name of the sender so a mismatch is usually easy to spot right away.

Around the State...

NW Region April Meeting: This date was reserved for the SCABA picnic (see below) so no meeting was held.

NE Region May Meeting: No meeting was held.

SE Region May Meeting: No meeting was held.

SW Region May Meeting: No meeting was held.

2021 SCABA Picnic:

The 2021 picnic was held April 24th at the Murray County Antique Tractor show grounds in Sulphur, OK. As the first big Saltfork event since covid cancellations, nobody was sure what to expect for attendance. Although attendance was smaller than previous years, there was a decent turnout and a lot of catching up between friends.

During the late morning, Gerald Franklin demonstrated the forging contest items - forging a penny scroll and a snub end scroll. Gerald held a captive audience of both novice and seasoned smiths with his entertaining demo and informative techniques. The only real distraction was the break for lunch, which was typically great.

There weren't many takers in the forging contest this year and competition was unusually light. However, two contestants did step up and start hammering - not necessarily a trivial act considering most of the demo watchers were still staring at the forge and a lot of eyes were upon the contest participants. Undaunted, David Seigrist completed his scrolls and newer member Matthew Wangler made his first attempt at a novice level scroll. It was a good environment to give it a try and Gerald was right there in the audience to lend some guidance when and if it was required.

Craig Christian won the 2020 conference toolbox raffle from the canceled conference. There were no tools but the toolbox, made by Bill Corey, was impressive and sold a lot of tickets. The toolbox now lives in Wichita Falls, TX.

Overall, it seemed like everyone had a great time getting together and it was good to see so many familiar faces in one place again. - *Editor*



Gerald Franklin Demonstrating the Scroll Challenge Projects



Gerald Discussing the Finer Points of the Penny Scroll



Gerald Demonstrating the Scroll Challenge Projects. The Ring of the Anvil Drew an Ever Increasing Crowd.



David Seigrist Participating in the Scroll Challenge



Matthew Wangler Participating in the Scroll Challenge - Novice Level



Toolbox Winner Craig Christian and President Mandell Greteman.



Cindy Bartling Escorting President Mandell to Take Contest Winner Photos (with Instructions to Smile)



Forging Contest Winner David Seigrist Receiving the Trophy Plaque



Novice Forging Contest Winner Matthew Wangler Receiving the Trophy Plaque for that Category



Anvil Quilt Donated By Bill and Angie Phillips was on Display at the Picnic (Includes Three Matching Pillows). Tickets Are For Sale to Win at the 2021 Conference.



LaQuitta in the Kitchen



The Crowd Starting to Gather for Lunch Break



Some of the Ladies Visiting During the Forging Contest



Dates: June 4, 4:00PM to June 6, 2:00PM PDT, 2021

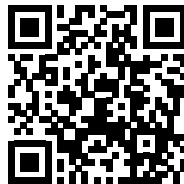
Location: Online

Host: Manitoba Blacksmith Guild

This year's CanIRON is going to be different from past years' events. Instead of driving out to the middle of nowhere Saskatchewan (sorry guys!) for the weekend's festivities, you can enjoy CanIRON from the comfort of your own home or workshop. CanIRON VE will run from Friday June 4 to Sunday June 6, 2021 online via Hopin with smiths from across Canada, USA and International. The Manitoba Blacksmith Guild will host the event.

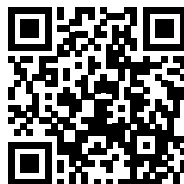
More Info:

<http://www.caniron.ca/>



Register here:

<https://hopin.com/events/caniron-ve/>



Ergonomics and Tool Forging, by Bryan Liggett



I applied for and received a scholarship from the New England Blacksmiths to support my continuing education in Blacksmithing. ABANA also approved a matching scholarship for the course. I am grateful to both organizations for their support with the costs of the class. I took a four day class, "Tool Forging for the Blacksmith" at the New England School of Metalwork (NESM) in Auburn, ME taught by Dereck Glaser. During the four days, we forged several items and I was a bit amazed at how much work we produced. The Image is of one of my classmate's finished work (somehow I

didn't get a picture of mine as a whole, determined by the fact that my classmate made a cross peen and I made a straight peen).

In return for the grants, I must do a two page write-up about what I learned, and do a two hour demonstration at a NEB workshop (hopefully we meet in person again soon). This is an exceptional opportunity and I highly encourage others to apply for these scholarships.

Ergonomics

My primary driver in taking this course was to work on the ergonomics of my hammer swing. After three years of hobby forging, I developed tendonitis in my hammer elbow and was terrified that I might lose my ability to forge, long term. I spoke to Dereck Glaser at NESM about working on my hammer swing during the course and he agreed to focus on that with me. My goal was to develop my swing so that I can use it for years to come, while minimizing future injury.

One immediate take away was that I have a tendency to shift my elbow out from my torso while swinging the hammer. I do recall Judson Yaggy telling me this at a NEB meet and Dereck noticed it as well and reinforced it. I think this is a tendency from carpentry or baseball (who knows?) to really wind up and hit the metal hard. We worked on me pulling my elbow in during the hammer swing, and mentally I focused on it being better to have my elbow rub my torso rather than out away from my center of mass. This swing felt far more mechanical, and suddenly I remembered at one meet Leigh Morrell said to develop your hammer swing into an up and down motion just like a power hammer, and suddenly when I was pulling my elbow in, it felt like I was doing that. These various tips I have heard from many people over time were finally coming together, but it takes mental effort to slow down and focus on what to do.

The second big takeaway was my hammer grip. I have a tendency to death grip the hammer handle, which seems to contribute to the tendonitis. People have even commented that I have too much grip on my tongs as well! While this has been pointed out to me before, working on it with Dereck for 4 consecutive days was VERY helpful in starting to change my habits. As a hobbyist, I often don't have that many consecutive days to work in the forge, so taking a class for multiple days in a row was a very good way to begin changing my bad habits. It seems better for me to grasp the hammer handle with the forefinger and thumb firmly then only loosely using the remaining middle, ring and pinky fingers. As I raise the hammer, those three fingers actually loosen to allow the hammer to pivot backwards, then as I lower the hammer, they tighten to pivot and swing the hammer forward, accelerating the blow significantly! This method had always felt awkward to me, but when I pulled my elbow in to develop a more straight up and down swing, it all suddenly clicked and felt very smooth, as well as strong.

Winter 2021

New England Blacksmiths

Tool Making Continued;

This caused my pace to slow down, because I am consciously thinking about all this as I swing the hammer, but it will speed up over time as I put in hours at the forge. I am optimistic that this will be better for my elbow long term. This method was also a much more powerful swing as I accustomed myself to it.

Tool Making

I will take a few of the items we did over the course of the four day course and write them as instructionals, for people to try at home.

Hot Punch and Hot Chisel

We started by making a hot hole punch and a hot chisel. Both were made from 7 inches of 4140 tool steel 3/4 inch round bar stock. The forging temperature range with tool steel is not as forgiving as low carbon steel, although 4140 is a fairly forgiving example of a tool steel. Heat the stock to medium orange, avoiding bright yellow or white heats that will destroy the tool steel, and stop forging while still at a red heat. Essentially, your working temperature range shrinks at both ends, when compared to low carbon steel.



Struck End: Gently draw out what will become the struck end of each tool, first square, then octagonal. The taper should only be 1 to 1.5 inch in length and minimal. Even though I have heard it again and again, I usually overforge the struck end. Someday I will learn better, and hopefully you can learn faster than me! This taper will serve to focus the blow directly through the centerline of the tool, which will minimize glancing blows, increase force delivered to the workpiece and get ahead of later mushrooming. Some cupping on the end of the taper is to be expected and can be hot filed or ground off.

Punch: Start by drawing out a square taper about 4 inches long. To aim at a finished round punch of 1/4 inch diameter, leave the end of the square taper at about 3/8 or 5/16. Next, forge to octagonal, being mindful when setting in the faces of the octagon, then developing 8 even tapered faces. The more even the faces are during square and octagonal, the cleaner the rounding will go. Last, forge it round, which can be done with much less forceful blows, mostly at this stage it is just chasing lines out, if the square and octagonal steps were even.

Chisel: Forge the business end of the hot chisel over roughly 3 to 4 inches. First forge in one dimension, while only correcting to achieve a consistent and smooth width of your choosing in the second dimension, which with 3/4 inch stock should be between 7/8 and 1-1/8. Leave the end roughly 1/16 inch thick. It is necessary to leave a bit of extra material at the chisel tip to be removed by grinding after heat treatment. During heat treatment, the outer layer becomes decarburized and correspondingly doesn't harden. Removing this after heat treatment exposes hardened material beneath.

Heat Treatment: Before hardening, the entire piece was first normalized to relieve forging stresses by heating to an orange heat and burying in the coal adjacent to the fire, letting it slowly cool to black over 5 minutes or so. This also serves to soften the struck end of the tool, as you should never hit hardened metal with hardened metal and risk shrapnel. The last inch of the tools were hardened using a residual heat method.

Tool Making Continued;

4 or 5 inches were heated to an orange heat, and magnets were used to verify we were above magnetic, plus a bit more. A “bit higher” temperature was used because the critical temperature is not exactly the non magnetic temperature. Then, the business end of the tool was quenched, inserting about 1 inch to 1.5 inches into oil and moving it up and down across that range to avoid a sharp hardness transition. The tool was quenched down to below tempering colors, but not all the way to oil temperatures. Ideally, the tool should be just below tempering colors, so the residual heat can quickly bring it back up to tempering temperatures, and maximize time in the tempering temperature zone. Immediately after quench, a spare grinding stone was used to expose shiny metal across the last inch of the tool, and we watched tempering colors run. We allowed the heat to diffuse until we saw straw color hit the tip of the tool, then quenched using the same procedure as before. We would repeat this tempering cycle as many times as we can, each time the colors will run slower than the last, as the residual heat further up the tool was used up .

Grinding final shape: After heat treatment, grind the final profile of the punch and chisel. This will remove the decarburized layer to reveal a good hardened surface. It also allows you a final chance to dress any irregularities.

Scrolling Pliers



Below is a step by step to forge the scrolling pliers. The scrolling pliers are started with a low carbon flat bar, 12 inch by 1/4 inch by 3/4 inch. Mark halfway down the length with a double center mark (or indication of your choice), you will make both halves of the tongs out of this one piece. Forge the jaws, starting with half faced blows on the edge of the anvil to set the shoulder. I isolated about one inch

of starting stock, which grows in length. Allow the sides to swell out, only dressing them to clean the jaw. The goal is to end up with a jaw blank that is roughly the same width and length. Do this to both ends of the bar.



Tool Making Continued;



Isolate the boss area, which will become the hinge plate for the tongs later. DON'T overforge the shoulder at this time, it helps to have extra material before the twist. The boss area should be square, the same width and length, even though mine pictured here is a bit longer than it is wide. This didn't cause me any trouble, but square is what I have been taught. After you set the shoulder, knock in the corners of the boss to

round it off.

Twist the handle 90 degrees to the tong jaw over about 1-2 inches. Grab the tong jaw in the vise about an inch above the boss. This changes the orientation of the stock to have a wide handle.



Set the twist over the far end of the anvil and forge it back to square. This operation is why we left excess material on the boss shoulder, so we can forge the twist back to mostly square without over-forging the shoulder and creating a weak point.



Two things to do next, punch the hole and clean up the jaw. If you punch the hole first, you risk deforming the hole when you forge the jaw. If you forge the jaw first, you risk burning the thin section of jaw in the fire, when heating it up to punch the hole. I think re-drifting the hole is easier to fix than burning up the jaw, so I punched the hole first. Draw the taper on the end $\frac{1}{8}$ of the jaw, to a blunt or sharp tip depending on your intended use.

When punching the hole, it's best to start by hanging the jaw down over the far side of the anvil (not pictured). Then you can finish punching the hole with the flat side on the anvil, in the orientation pictured in the right hand picture.



Tool Making Continued;

Split the bar at the center mark you established in the beginning. Mine were slightly different because my tapers were not exactly the same. This will be corrected during forging the reins. Before forging the reins, it's a good time to compare the two jaws and bosses. They should match each other; make any corrections you see fit.

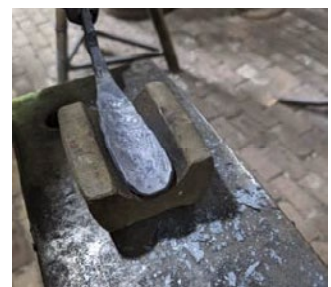


Start the reins by forging in the corners. Dress any rag left by hot cutting the bar. Using your peen, spread the handle wide. I took my $\frac{1}{4}$ inch thickness down to about an $\frac{1}{8}$ or just under.



See the width gained by peening.

Peen the second rein to match.



Forge away the peen marks.

Time to shape the handles. Two methods shown

Tool Making Continued;

Time to give a gentle curve to the reins. I've discovered that at first I probably put too much curve into the reins. Turns out my hand is comfortable with a slight curve, too much curve and it feels like I have worse grip. Use a swage block, or the step of your anvil with a peen. Here is a comparison before and after curving. I think I over curved this pair, but you can tweak it for your hands.



When the two halves match, time to rivet them together. I was lucky to have a rivet header, but you can also just use the flat of the anvil. When measuring a rivet, the length of the bar sticking out should be 1.5 times the diameter of the hole. Be mindful that there is no gap between the two bosses for material to squish into. If you prefer, you can start the rivet cold, enough so the assembly holds together, then get the whole thing hot in the fire to finish it.



Set your jaw width by placing a bar between the jaws, with the jaws hot and close the vise around the jaws to close them on the bar. This can be quite a juggling act, it can help to have a second pair of hands to work the vise.

Adjustments to the rein width and alignment can also be made in this setup.

Go forth and scroll things!

This article is reprinted courtesy of the New England Blacksmiths newsletter Winter 2021

Chisels & Punches: Briefly

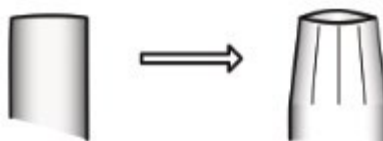
Notes by Beth Holmberg
SC 2017 Class by Ken Kuhn

©2017 Beth Holmberg
Reprinted by permission

Stock: 3/4" round, medium carbon sucker rod, 7.5" - 8"

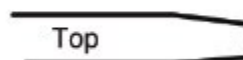
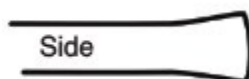
ALL:

1. Flatten a little, the whole length.
2. Forge a slight taper on the striking end. Take this to octagonal.
3. Hot rasp a slight dome on the striking end.

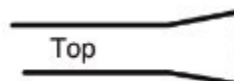


CHISELS:

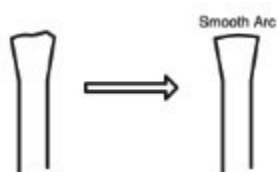
4. "Pre-form" by forging in the width on the last ~ 2".



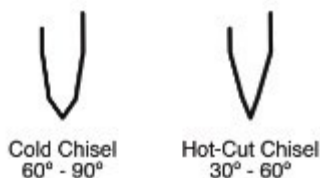
5. Forge a tapered chisel end.



6. Hot rasp or file the profile to a slight arc.



7. Hot rasp/file chisel edge.

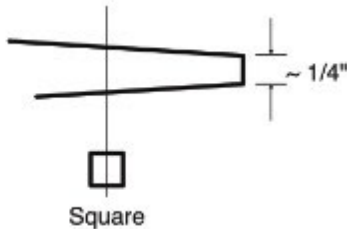


8. Heat treat: see following page.

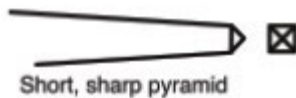
Punches & Chisels

CENTER PUNCH::

4. Forge a square taper on the front end.



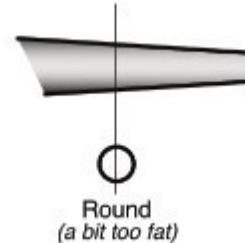
5. File the front end.



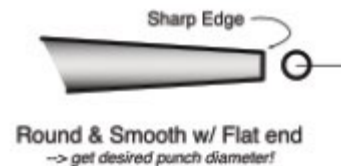
6. Heat treat - see below.

ROUND PUNCH::

4. Forge a square taper on the front end. Round the taper, using the Square-Octagonal-Round process.



5. File the front end.



6. Heat treat - see below.

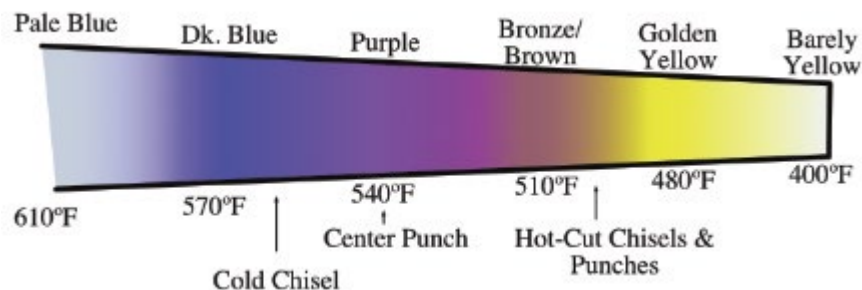
HEAT TREAT

©2017 Beth Holmberg
Reprinted by permission

- Normalize the working end (to de-stress the iron crystals and get the carbon into happy places) by heating it to orangey-red, then letting it slowly cool down to black on the side of the forge. If you have time, do this two or more times for even more reliable results.
- Polish the front ~3" to shiny (sandpaper or file).
- Heat this same area to "critical temp" (orangey-red) slowly.
- Quench complete in water. File-test the hardness.

The tool is now hard but brittle.

- Polish the front ~3" to shiny again (sandpaper/grinder fragment)
- Temper by adding heat no closer than the center of the tool. Allow heat to transfer by conduction.
- Watch the colors "run" - quench when the tip is correct. The tool is now hard & tough.
- The quench, polish, and temper can be done in a single heat. Be sure you are ready for the whole process before you quench the last 2" or so to harden. The heat still in the middle of the tool will do the tempering!





FORGING PROJECTS:

Hook Rack with Fish Motif

By **Ben Czyhold**

Greetings to the membership. The following is a complete forging procedure to make a wall mounted coat or hat rack. The project will be detailed with a fish theme in both the back bar and the hooks.

STOCK: 1/4"x1 1/4"x21"
3/16"x3/4"x5" (x3)
1/4" rivets 3/4" long (x3)

TOOLS: 1/4" round punch
1/4" radius fuller
1/4" round eye punch
hot cut chisel
large, curved chisel
small side set (in this case 5/8" wide)
countersink dap (similar to a center punch, 1/2" on end, with 60 degree included angle)
rounding hammer (hammer with a pronounced convex face)

Note: The fuller, hot cut chisel, and side set need to have crowned profiles.

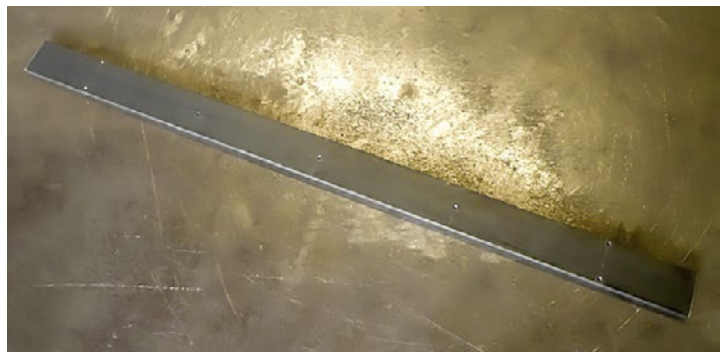
Layout

On the back bar, find the middle of the stock and mark with center punch centered between edges.

Measure 8" to the left and to the right of the center mark along the bars length. Then with the center punch mark 1/8" in from each edge on each end. This will determine where the daps will go. The daps are placed 16" apart to match standard stud placement in a building.

Measure 4" to the left and to the right from the center and mark in the center of bars width. The three marks in the middle of the back bar will determine where the holes for the hooks will be punched.

On the three lengths of smaller flat bar, measure from one end back 2 1/2". These marks will determine where the holes for the hooks will be punched.



Forging

We will be punching the holes first. Place the bar in the fire to heat the middle of the bar. Once at heat take the back bar and place on the anvil face, place your 1/4" round punch directly on top of one for the center punch marks. Strike once, then check to make sure you are centered on the mark. You should be able to see your center punch mark at the bottom of the depression. If you are off, reposition the punch and strike again as needed.

With your hole where it needs to be, place the punch into the depression, strike three times then immediately quench the punches tip in water to preserve its temper. While striking the punch you will feel the punch sinking into the steel. Since the bar is not very thick, with your last strike you will feel the punch stop, this is the punch striking against a thin wafer of steel on the anvil. With the heat remaining, turn the steel over, you will see a slight rise in the form of a faint circle. Place your punch directly over the circle and strike again two to three times, you will feel far less resistance this time. This is done at a red heat to promote a shearing action. Once you feel the wafer shear and the punch penetrate the steel, move the bar and punch immediately to the anvils pritchel hole and strike again to push out the wafer. The punch tip should be through to the other side of the steel.

Immediately move the bar and punch to the anvil face, and with light blows strike the bar around the punch to release it from the hole. Then immediately quench the punch to preserve the temper. The first hole is now finished.

Do likewise to the other two center punch marks in the middle of the bar. In most cases when working with a bar it is best to do any necessary forging to the middle of the bar first.

This is especially true in a gas forge, as it will keep any potentially thin or detailed portions from burning or excessively scaling in the fire.

We will now work on the fish. These will be forged on each end of the back bar. Cool one end of the bar so you can hang onto it and place the opposite end into the fire. First forge a one-sided taper off the end. This taper should have a crowned profile and be about 1 1/4" long.

Take your large, curved chisel and place it so the edge is ninety degrees to the bar and just in front of where the taper transitions back to full width. Before making the cut to put in the gill slit be sure you are imparting it to the side with the center punch marks for the daps up. The cut does not need to be very deep. Then with the remaining heat add the mouth of the fish along the flat edge of the taper.

Now take your side set and place it in the gill cut with its beveled edge facing away from the tapered end. Holding the side set straight up and down run the side set down the cut to define the head and accent the gills.

With your dap apply the countersinks right into the marks near the bar edges.

We will now apply the first fin to the fish. Using the 1/4" fuller place it at a 45-degree angle to the bar, just behind the gills. You will want the fullers edge to be half on and half off the bar to allow the steel to be forged out and away to form the fin. Once the first groove is in then in the same heat pivot the fuller back with its corner at the top of the previous groove. Then forge in another groove into the untouched steel immediately behind the first groove. The two grooves should become one and form a fin with a tapered shape.

The next step is to apply the long fin on the back of the fish. Take your fuller and place so it is half on and half off the steel and at about a 45-degree angle. Apply the first short groove just ahead of the top dap. Then apply about 4 grooves just behind the top dap close enough to give the impression of a ribbed fin. For both fins be sure not to forge the grooves too deep at the risk of making the edges sharp.

Next, we will define the rest of the fish's body and tail. Take your hot cut chisel and make a shallow cut 90 degrees to the bar and across its width about 5/8" from the edge of the closest punched hole. This will be the



Hook Rack

edge of the tail. Then cut two lines to shape the outline of the rest of the fish's body. Start them just behind where the long fin ends. Make these two cuts about 1 1/4" long, then bring two more cuts up meet the ends of the first and the ends of the two others, to shape the fish's tail.

Now using your side set work the side set through all five cuts, the beveled edge facing away from the body of the fish. This will set the body of the fish apart from the rest of the back bar. Once this is complete there may be sharp points where the bevel meets the edge of the bar. To eliminate these, turn the bar on its edge and place one of the points on the horn of your anvil. Then carefully tuck in the points so they do not protrude, do likewise on all the points where the bevels meet the edge of the bar.



It is now time to detail the tail of our fish. Take your fuller and make a groove in the center of the tail. Then forge in additional grooves at angles to follow the shape of the tail, similar to the back fin leave narrow ridges between the grooves.

We will now add the rest of the details to the fish. Add the eye to the fish with the 1/4" round eye punch. Then use your chisel to add the center line to the fish.

At this point we now need to joggle the end of the bar, since we are using rivets to attach the hooks, we need space for the heads on the back side. In this case we are going to joggle the ends without tooling. First take a heat in the middle of the fish itself try to keep the heat out of the tail, otherwise the steel will want to bend in the bevel behind the tail. Now slide the bar with the detailed side up over a heavily rounded corner of your anvil. Slide the bar ahead so that the daps are just off the anvils corner, then gently bend the fish down about 30 degrees. Then in the same heat turn the bar over with the detailed side down, and place on the opposite corner. Hold the bar at the angle of the first bend so the end is contacting the anvil face. Then slide the bar so that the daps are just on the face of the anvil. Then while lowering your hand that is holding the stock strike the end with light blows to bring the end back parallel with the rest of the bar. Be careful not to strike the stock over the corner or this might leave a mark on the detailed side. Now check the joggle by turning it on edge and comparing it to a straight edge, be it a steel ruler or a straight length of bar. Check to see that the daps and the surface in front of them is parallel with the rest of the bar length and that there is at least 3/16" of stand off between the back of the bar and your straight edge. Adjust as needed.

Now that the first fish is complete you may now quench it to forge the next one. Follow the previous steps except have the fish facing in the opposite direction. Joggle the same as well, being sure to keep the same stand off and keeping the bar parallel with the joggled portions.

The next process is to forge the hooks. All three are forged the same way. First forge a 3 1/2" long taper off one end. Do not taper beyond the center punch mark. Chamfer the edges of the taper.

Now punch the hole where the center punch mark is. Punch the holes as described earlier.



Hook Rack



We will now forge the opposite end of the hook into a decorative fish tail. First place the bar on edge onto the horn of your anvil. Find a radius on your horn that matches closest to your rounding hammer. Then using your rounding hammer forge in a necking just above the hole, also isolate about a square of material on the end. Be sure to carry dimensions and chamfer corners. To finish the tail fin use a cross peen hammer with a sharp peen to forge the isolated mass into its final shape. Using the peen end start spreading in the center and work your way to the outside edges, pivoting the stock in place to give the impression of a fish tail. With the last of your heat shape the edge of the tail as needed.

Lastly, forge the taper into a hook. First forge a tiny scroll on the end of the taper, scrolling it down and away from the detailed side. Then quench the scroll and forge the remainder into a J shaped profile. Be sure the tip of the hook does not hinder a direct line to the hole; this will make assembly easier.

Assembly

At this point in the project, it is best to brush off all loose scale and clean the surface of the parts as you wish. We will now rivet the hooks to the back bar. I personally start with the hook in the middle. Place one of your rivets through one of your hooks and then through the back bar. Then have the head of the rivet resting against the face of your anvil with the hook and back bar in place, this is

best done on the heel of your anvil. The remainder of the rivet will now be upset into a head in order to lock the hook in place. Prior to heating make sure the hook is 90 degrees to the back bar. Now heat the end of the rivet with an oxygen/acetylene torch from its tip to where it comes out of the back bar. Heat to about a yellow heat, then turn off the torch and strike the rivet with firm blows straight down. Keep hammering till you get a head 1/4" to 3/16" tall, chamfer and crown the head with the remaining heat. If you hear a ticking sound as the rivet cools this is a good indication that the joint is going to be tight. If it is a little loose strike the rivet cold with moderate blows to tighten it up.

Do likewise to the other hooks. Then clean off any loose scale and apply the finish of your choice.

This concludes the project; I hope you enjoyed reading my article. This project has many possibilities when it comes to forging the bar and the hooks. I encourage you to try the project and incorporate your own motifs and elements. Thank you for reading my article. Stay safe and good forging~ Ben.

Editor's Note: Our grateful thank you to Ben Czychold, Artificer Forge, Walla Walla, Washington. Ben is an active member of the Northwest Blacksmith Association and is highly respected for his excellent demonstrations and beautiful metal designs. This article originally appeared in the 4th Quarter, 2011 Hot Iron News

ABANA Affiliate Newsletter - April 2021

Artist-Blacksmith's Association of North America
47 Walnut Street, Suite 200
Johnstown, PA 15901-1521

Important Information for ABANA Affiliates

If your club newsletter includes ABANA Membership material, it will need to be changed to reflect the new Membership options. "ABANA encourages affiliate leaders to distribute the information in this newsletter to its club members and/or include any or all content in your club's newsletter."

Very Important Notice: Membership Options are Changing

We are simplifying our membership offerings.

Beginning April 15, two types of memberships will be available for new and renewing members: a Print membership, and a Digital membership.

Print membership will be available for mailing addresses in North America (USA-Canada-Mexico) for \$65/year, and Digital membership will be available world-wide for \$55/year. (Regular membership is currently \$55/year.)

Digital membership is a new offering: ABANA's two premiere publications (The Anvil's Ring and The Hammer's Blow) will be sent digitally to a member's e-mail address on file; no print copies will be mailed.

ABANA is honoring existing memberships until their expiration date. And, moving forward, ABANA will offer annual memberships only, as the two-year membership option is no longer available. The ABANA website and other ABANA collateral will reflect these new membership offerings which go into effect April 2021.

ABANA membership benefits include:

Publications - Four quarterly issues each of The Anvil's Ring and The Hammer's Blow

Members-only access:

- to recent 5 years of digital publications
- to educational videos and materials
- to ABANA membership directory

Eligibility for education grants and scholarships

Option to join ABANA's 'Find a Blacksmith' module, searchable by the general public

Discounts: Conference registration, vendor booths, ABANA store

Voting rights, such as annual election of Board members to forge the future of blacksmithing

Participation in ABANA Board committees

<https://abana.org/membership-pricing/>

Sincerely,

Jerry Boyd
ABANA Affiliates Committee
Shop Helper
325-207-8253

ADDRESS

ABANA Home Office
PO Box 462, Johnstown PA 15907

GET IN TOUCH

Phone: (814) 254-4817

Email: exedir@abana.org

ABANA Affiliate Newsletter - May 2021

Artist-Blacksmith's Association of North America
47 Walnut Street, Suite 200
Johnstown, PA 15901-1521

Business of Blacksmithing digital class taught by Leigh Morrell

The ABANA Business of Blacksmithing Classes are now complete. We are planning to make the class recordings available to members for purchase at the end of May, AND offer a new series on this topic! Please check our site for more details. If you have any questions, or an interest in classes like this in the future, please email the Executive Director at exedir@abana.org

Iron to Art Festival Tickets are on Sale, Register Early, Save Over 30%

The dates are set, October 14 through October 16, 2021. ABANA will host the Iron to Art Festival at our new headquarters in Johnstown, Pennsylvania. Tickets are on sale now. <https://event.abana.org>

Early Registration Discounts Available!

- Member registration: \$125.00 before August 31st. After 8/30 (late registration) \$165.00
- Member Spouse registration: \$50.00 before August 31st. After 8/30 (late registration) \$75.00
- Non-Member registration: \$185.00 before August 31st. After 8/30 (late registration) \$245.00
- Non-Member Spouse registration: \$70.00 before August 31st. After 8/30 (late registration) \$90.00

Interested in being a vendor at this inaugural event in Johnstown's iron to Art corridor? ABANA is expecting around 500 visitors to this new event.

JOIN THE FUN! VOLUNTEER at the Iron to Art Festival. Help out for a while behind the scenes and get a free t shirt! Email exedir@abana.org for more details! Volunteer opportunities, Indoor, outdoor, and tailgating spaces available.

Johnstown's Thunder in the Valley Motorcycle Rally Thursday, June 24– Sunday June 27th
This annual event draws over 1,000 visitors and is held next to ABANA's Home Office in the PNG Festival Park. Let's show them what ANANA is. ABANA is looking for some local smiths, from affiliates, to demonstrate on Saturday, June 26th from 1:00 –3:00 right after the motorcycle parade that ends at the ABANA home office. Stipends are available. For more information, contact exedir@abana.org

Opportunities

A group of European smiths are inviting USA smiths to participate in 'Forging Through Time' on Saturday, June 5th. The concept is that smiths are forging at 2 pm in their time zone for three hours. Filming your time is part of the concept. Remember to take photos of your finished project and also share them with ABANA! It's free to register by contacting: forgingthroughtime@gmail.com See the attachment for more details.

The Artist Hand Gallery in Indiana, PA offers an opportunities exhibit and sell your art. A metal exhibition is being planned in May. If you are interested in a "Steel Show" prospectus, please call Brian at: (724) 463-8710. The gallery also has a gift shop and is nearby the IUP campus.

Visit their web site for more information at: www.theartistshandgallery.com/

Christmas Ornament Contest

ABANA is offering a Christmas ornament contest to ABANA members. For a \$10 entry fee, submit your ornament. entries will be displayed on the ABANA Gallery Christmas tree in Johnstown, PA. top three winning entries will be awarded prizes of \$1000, \$500, and \$250 respectively. Additionally, the top three winners must reproduce 50 copies of their ornament for sale in the ABANA Gallery, with \$15 per ornament going to the artist. To enter, visit www.abana.org For more details, e-mail exedir@abana.org call 814-254-4817. Entry forms are due by June 28th.

Discount Providers

There are several vendors that value us as customers and offer discounts to ABANA Members. The ABANA website has a list of those vendors that we can support while saving a few dollars. There is a new offer, a grinder discount, for ABANA members from Beaumont Metals. See the ABANA site for more details. Please visit www.abana.org to find discounts under the marketplace / vendor page.

ABANA Affiliate Contest

We are offering a GOLDEN OPPORTUNITY for never before ABANA members of our ABANA recognized Affiliate groups to vie for a one year ABANA digital subscription membership, with all the perks. Application and inquiries can be emailed to Chris Rowan the ABANA Affiliate Chairman ironcloverforge@gmail.com with the subject line 'AFFILIATE OPPORTUNITY', also in the body of the email post your Affiliate name and your name. All email applications MUST be submitted by June 11th

Blacksmith Gatherings

As hopefully the COVID-19 outlook and the weather improves, more gatherings are planned. Let ABANA know of any gatherings that your group might be hosting. Here is one upcoming event this month: The Blacksmith Gathering 2021 will be four days in Reynoldsville, PA this year, Wednesday-Sunday, May 19-23 in Reynlow Park. \$10/ visitor per day. \$5/ night to camp. Facebook page 'Blacksmith Gathering 2021'

CanIRON Virtual Event --June 4, 7:00PM-6, 5:00PM Tickets \$30-\$50

This year's CanIRON is going to be different from past years' events. You can enjoy CanIRON from the comfort of your own home or workshop. Funds raised by the CanIRON VE event will help support the Manitoba Blacksmith Guild. Sign up for the virtual Event www.hopin.com search for the event under the label caniron-ve

Share Your Stuff!

Remember ABANA is always willing to share affiliate activities, projects and photos. Send any information to exedir@abana.org

Sincerely,

Jerry Boyd
ABANA Affiliates Committee
Shop Helper
325-207-8253

ADDRESS

ABANA Home Office
PO Box 462, Johnstown PA 15907

GET IN TOUCH

Phone: (814) 254-4817
Email: exedir@abana.org

SCABA Shop and Swap

For Sale:

50 Lb Little Giant Power Hammer - Asking \$4,800

In good shape. Owned by me since 1961 or 1962. Has been on loan for several years with limited use and kept well oiled. Currently has a 3 phase motor installed. Located in Wagoner, OK. **Contact William Burling at 918-485-1508.**



For Sale:

Water Jet Services - Saltfork Discount

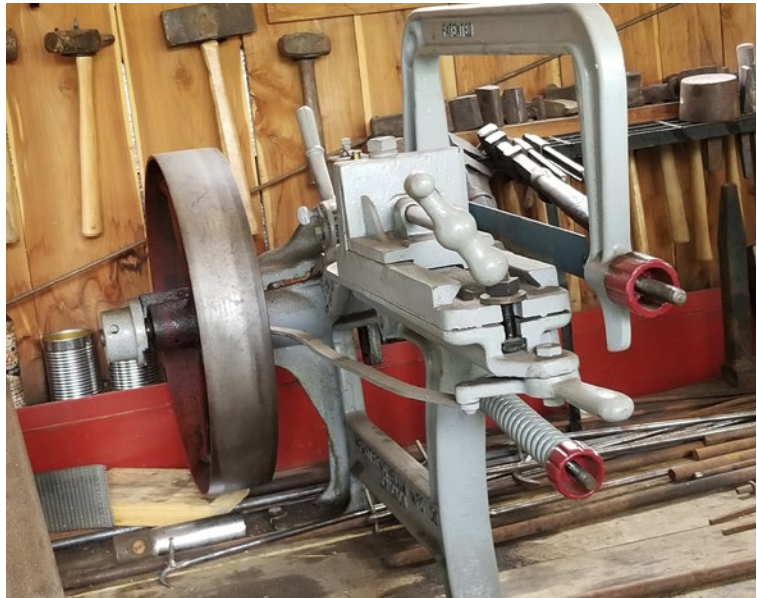
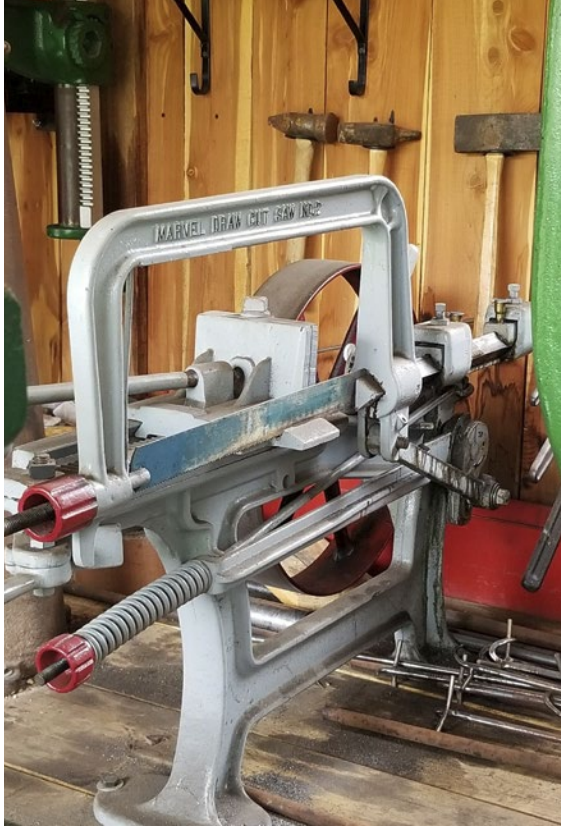
Taswallson Manufacturing is offering waterjet services at discounted rates for Saltfork members. I am currently operating nights and weekends.

Contact: **Ragnar at rtaswallson@yahoo.com or 918-855-8250.**

SCABA Shop and Swap

Wanted to Buy:

I am Saltfork member James Bohrer and I am looking for a powered hacksaw or drawsaw and also line shaft stuff for my forge. The attached photos are the kind of saw I am looking for. Thank you. **Contact James Bohrer at 405-566-8550.**



Wanted to Buy:

WANTED: 25LB Little Giant (or similar) Power Hammer. Hoping for a good deal. Not much in the way of cash but will work/barter/trade to offset cost.

Email: Colby.J.C.96@gmail.com or Call/Text me, **Colby Henzel: 918-640-0848.** I get a lot of spam calls so please leave a voicemail if I miss your call. I will return your call ASAP. Thank you.

SCABA Shop and Swap



Your one-stop-shop for
Quick and Rapid Tongs,
blacksmithing tooling,
accessories, apparel, and
the MZ75 Power Hammer.

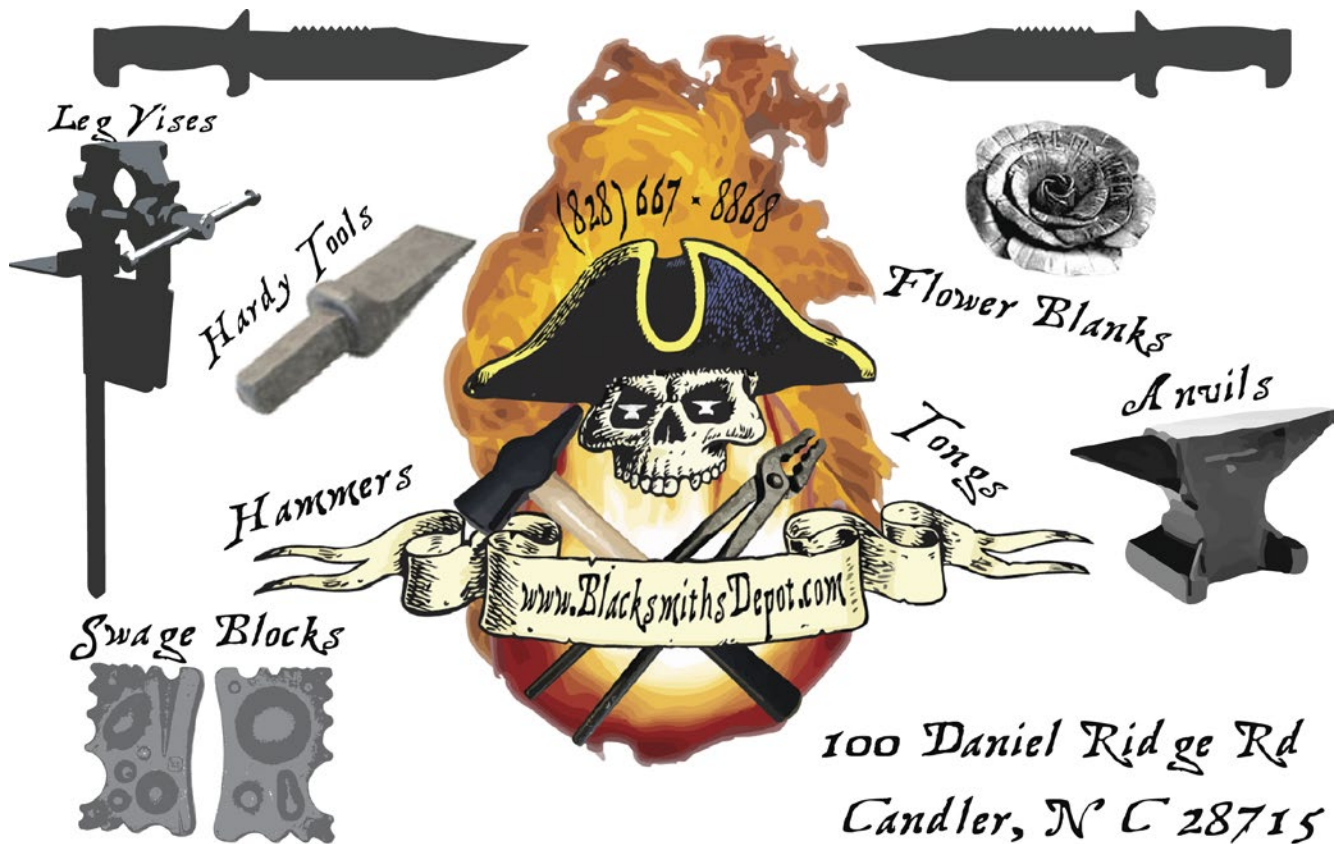


WWW.KENSIRON.COM

Ken's Custom Iron

37634 County Road 9, Avon, MN 56310 | 320.746.8161 | mail@kensiron.com

SCABA Shop and Swap



For Sale: 15 Lb Tire Hammers:


\$1,200 for everything from the base plate up. Two rounding dies included as standard. Has 1/2 HP 115V Motor. Contact: David Barfield - 580-595-1476



SCABA Shop and Swap

GET AN APRON THAT
FITS YOU AND
YOUR NEEDS



FORGE-APRONS.COM 

KAYNE & Son -- **Blacksmiths Depot**
Custom Hardware, Inc.

100 Daniel Ridge Rd. Candler, N.C. 28715
828-667-8868 fax: 828-665-8303

Steve Kayne

- Tools for the Metalworker
- Hammers & Tongs
- Spring Swages & Texture tools
- Anvils, Vices, Stakes and Hardy tools
- Books & Videos
- Specialty Fasteners
- Blacksmithing
- Custom Hinges and Handles
- Thumb latch sets & Lock sets
- Exterior/Interior Hardware
- Builders/Architectural Hardware

BlacksmithsDepot.com - CustomForgedHardware.com



Ken's Custom Iron, LLC

37634 County Road 9
Avon, MN 56310
(320) 746-8161
mail@kensiron.com

Blacksmith Supply
Modern Tool For the Modern Blacksmith
www.blacksmithsupply.com

John Elliott

jelliott@blacksmithsupply.com
804-530-0290

P.O. Box
Chester, VA 23831



Blacksmithsupply
.com

Raker Knives & Steel
Ray Kirk ABS-MS



www.rakerknives.com
gadugiblade@yahoo.com

918-207-8076
Tahlequah, Ok

T STAR LEATHER



Brett Smith
310 E. Fry Terrace
Claremore, OK 74017
410-251-4463
tstarleather@gmail.com
www.TStarLeather.com

 **Fine Hand Crafted Leather Work**
Craftsmanship, Detail, Creativity, Excellence



"T Star Smith"
SASS #72768



SCABA Shop and Swap



Call to Order Toll Free 24/7 - 866-627-6922

Thank you to our Conference Vendors who graciously donated items for the Conference Auctions!

Their contributions helped to support SCABA. Please consider patronizing these vendors to return the favor!



Reeder Products Inc.

3201 Skylane Drive, Suite 114
Carrollton, Texas 75006 United States
(469) 257-1000

Bill Davis Forge Welded Tomahawk DVD

This DVD is now available to members for a minimal cost (cost of DVD's is minimal to cover reproduction and shipping if applicable.) Contact the SCABA Librarian, Don Garner, if you would like to get a copy of this DVD.

Don Garner: 580-302-1845

(Call or Text. If you get voice mail, Please leave a message.)



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. 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.

For Sale: I have numerous old tools and collectible items of various kinds including blacksmith related tools and equipment. Too many tools to list them all. Inventory is always changing. Contact: Craig Guy (SCABA Member), Piedmont, OK
Cell Phone: 405-630-7769 (Call or Text)

SCABA Shop and Swap

SCABA Library DVD's Available:

This is a partial list of the DVD titles available to members from the SCABA Library. Contact the Librarian (Don Garner) 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

Librarian: Don Garner 580-302-1845 (Cell)
Call or Text. If you get voice mail, please leave a message.

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 Shop and Swap section (or items you are looking for), please send me your description, contact info, and any photos that you have.

SCABA Swage Blocks

**** (NOTICE: Price Change) ****

\$250.00 plus shipping.
(Same price to members and non-members.)



SCABA Floor Cones



\$275.00 plus shipping.

(Same price to members and non-members.)

To order swage blocks or cones, contact our distributor:

**Nolan Walker at
Nature Farms Farrier
Supply in Norman,
OK.**

405-307-8031

SCABA Shop and Swap

Club Coal:

**** (NOTICE: Price Change) ****

Saltfork Craftsmen has coal for sale. Coal is in 1-2" size pieces. The coal is \$300.00/ton or .15 /pound to members.

No sales to non-members.

NW Region coal pile 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 (\$.15 per pound) should be made directly to the Saltfork Treasurer.

NW Region Coal Pile in Thomas:

Don Garner now has a new pile of club coal available for sales to SCABA members. The shop is at 23713 E 860 Rd in Thomas, OK. (One mile west, then one mile north of Thomas.) Contact Don at 580-302-1845 (Cell Phone) to arrange details for purchases.

NE Region coal location:

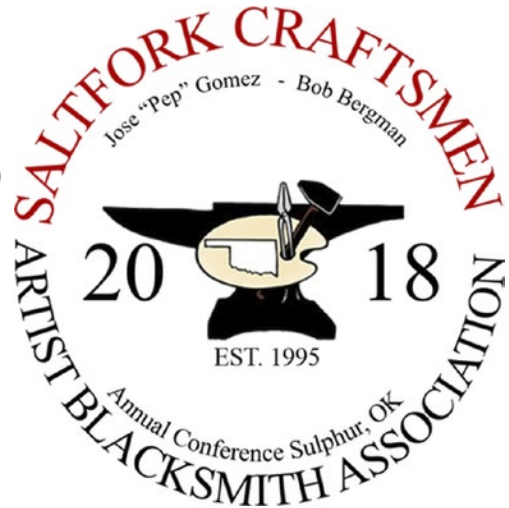
******NOTICE:******

Charlie McGee is no longer hosting the coal pile in the NE region. If you would be interested in hosting a location in NE, let one of the SCABA Board members know.

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

SCABA T-Shirts!

2018 Saltfork Collector T-shirts are available with the 2018 Conference Logo. \$5.00 (plus shipping if applicable.) Contact Josh Perkins to check sizes and quantities that are still available.



Legacy SCABA T-shirts and long sleeve denim shirts are also available on clearance while supplies last. T-Shirts are \$5.00 and Denim Shirts are \$10.00. (Plus shipping if applicable.) Contact Josh Perkins to check sizes and quantities that are still available.

If you would like to purchase shirts, contact Josh Perkins (918) 269-3523.



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 Shop and Swap section (or items you are looking for), please send me your description, contact info, and any photos that you have.



SCABA Membership Application

For Annual Membership

(Please Print Clearly!)

Date _____

New Member _____

Renewal _____

First Name _____ Last Name _____

Married? _____ Yes _____ No _____ Spouse's Name _____

Address _____

City _____ State _____ Zip _____

Phone (Best Number to Contact) (_____) _____

e-mail _____

ABANA Member? _____ Yes _____ No _____

Newsletter Preference:

☐ No Print Copy

☐ E-mail Alerts for New Newsletters

I have enclosed \$30.00 for dues for one year membership from the date of acceptance.

Signed: _____

Return to: Saltfork Craftsmen, 6520 Alameda, Norman, OK 73026

Note: Registration online by Paypal OR credit card is available from the website.

www.saltforkcraftsmen.org

You do NOT need a Paypal account to use your credit card and registration/renewal is immediate.



Saltfork Regional Meeting Hosting Form

Region: _____ NE _____ SE _____ SW _____ NW

Date: Month _____ Day _____ Year _____

Name: _____

Meeting Address: _____

Host Phone (Best Number to Contact) (_____) _____

Host e-mail _____

Trade Item: _____

Lunch Provided: _____ Yes _____ No _____

Please provide detailed directions and/or a map to meeting location if possible. Meetings are scheduled on a first come basis.

Return to: Saltfork Craftsmen Regional Meeting Coordinator, Russell Bartling

70 N 160th W Ave

Sand Springs, OK 74063

You can also send the information in an e-mail or text or fill out the online form available on the website in the top banner of the Calendar Tab: www.saltforkcraftsmen.org/Calendar.shtm

Saltfork Craftsmen Artist Blacksmith Assoc. Inc.
6520 Alameda
Norman, OK. 73026

Non Profit Organization
U S Postage Paid
Oklahoma City, Ok
Permit #2177

Address Service Requested

