

Saltfork Craftsmen Artist-Blacksmith Association

September 2017



Sign from the NE Region August Meeting Hosted by Billy Helton

**The 2017 Annual Saltfork Craftsmen Conference is
October 21st and 22nd**

See page 20 for Conference flyer and registration form.

Register as soon as possible!

***Find an extra bonus in your welcome packet if paid registration is
received on or before Monday, October 16th***

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Editors notes...

As the Annual Conference draws near, a lot of last minute preparations are being finalized. This year, we would like to have more participation in the Iron in the Hat (see info in this and the last two newsletters), and we would also like to have more display items in the Conference Galleries.

The gallery is a great opportunity for all members at all levels to get a good close up look at various works by our membership or others. There is nothing better than an up close, in person look at various blacksmith work to get new ideas and inspiration as well as to see different ways of working and finishing iron. Just by observing what others have done, loads of information can be picked up that can raise the workmanship level of others.

Please consider bringing some item you have created or have obtained from someone else to display at the gallery. Even if it has been in the gallery before or has been hanging on your wall for awhile. Remember, we have a lot of new members who may be attending the conference and will at least see the newsletter photos. So works from simple to complex all have something to provide. Also, if you are beginner, please don't hesitate to bring your work thinking it won't be good enough. It is better than you think and might be an inspiration to someone else.

And, display items don't have to be "art" whatever that really means. I, personally, get as much satisfaction from looking at a well made tool as I do looking at a non-functional sculpture. To me, a really good looking and functional tool is its own brand of "art." But that definition is a can of worms to open on another day.

Suffice it to say that there will be gallery space waiting for items to fill it. You can submit your items for general gallery viewing only or for inclusion in the People's choice voting. And, items can be for display or can also be for sale. Your choice. If you have any special display needs, please let me know. See you at the conference.

- 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:

Get ready for our nice BUSY fall season! It seems that everyone wants a blacksmith demo at this time of year.

County, and state fairs along with many other folks would like to have a demonstrator.

There are at least some of the regular folks that do these demos that are getting tired and/or burning out. So if you have ever thought about doing demos, please step up and give it a go!

Just ask around a bit and you will find folks eager to help you, or give you guidance.

I'd also like to remind everyone that the conference will be here before we know it, so you better get ready to go and have fun!

Sorry, but I'm very busy at the time I'm writing this, and best not try to write anything more, because it would only be more of my babbling!

I think I may know what has happened to make us so far behind all the time. It's the electric companies. Without letting us know, they have changed our voltage from 120V to 240V.

By making all the clocks run twice as fast, they've actually sped up time!

That's what I think they did!

Happy hammering to all!

-Byron



Conference Set Up Work Day!

There is a Pre-Conference set up work day scheduled for October 14th at the Conference site in Sulphur (the Saturday before the Conference.)

If you are interested in helping set up for the Conference, please feel free to attend that day. Set up will include placing the bleachers, installing the audio visual infrastructure, moving various items around, etc. There will be a lot of camaraderie among those elite volunteers who choose to attend.

And, anyone who attends to help will receive five tickets for the Tool Box and five for the Anvil Quilt - A \$20 value! See you there!

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.

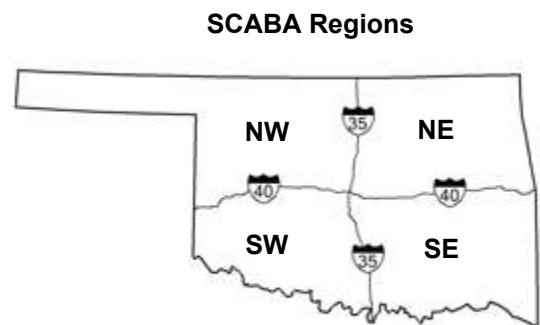
Want to host a meeting? The meeting hosting form can be found on the last page along with membership application form. If you want to host a meeting in any area please fill out one of the host forms on the website under the calendar section or in the newsletter and e-mail the information or mail the 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.

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

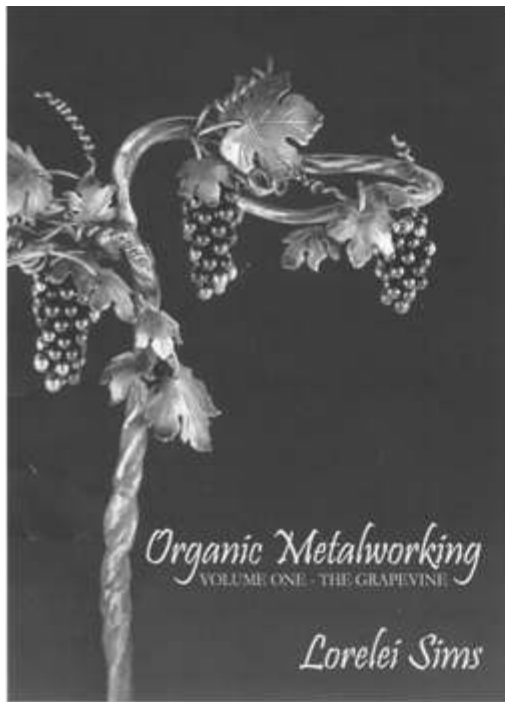
Blacksmithing can be an inherently dangerous exercise. There is no substitute for personal responsibility and common sense and no list of safety rules can adequately cover every situation. Every person who attends a meeting, demonstration or event sponsored by the Saltfork Craftsmen Artist Blacksmith 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.

Thank You from the Gretemans:

Mandell and LaQuitta Greteman would like to share a big heart felt “Thank You” to all of the Saltfork members who gave their support, Prayers and well wishes during Mandell’s recent surgery and hospital stay.

Mandell recently attended a hospital in Oklahoma City for a major surgery and had a long stay for recovery. They are back home now. Mandell is continuing toward a full recovery and feeling much better.

It may be a little while yet before Mandell is supposed to be lifting heavy anvils again if he follows directions from his doctor...



Organic Metalworking Vol. 1

by Lorelei Sims

Limited Copies Available

Lorelei Sims has a great new book illustrating her methods for organic metalworking. (See details in the October newsletter, Page 35.)

Volume 1 is first in a series of planned books on different aspects of organic forging. This is a very good how-to book heavily illustrated and has something for beginning and advanced smiths alike.

Lorelei’s methods are easy to understand and execute but the finished work is beautiful (at least hers is beautiful!) You will probably want a copy of this book in your library. I highly recommend it.

Due to continued demand, we have second shipment of this book and Doug already has many of them sold. The price of the book through SCABA is the same as the price directly from Lorelei and proceeds from sales benefit SCABA. Contact Doug Redden if you would like to purchase a copy. - *Editor*

2017 REGIONAL MEETING SCHEDULE

NE Region (1 st Sat)	SE Region (2 nd Sat)	SW Region (3 rd Sat)	NW Region (4 th Sat)
Jan 7 th (Open)	Jan 14 th (Byron Doner)	Jan 21 st (Open)	Jan 28 th (Monte Smith)
Feb 4 th (Open)	Feb 11 th (Open)	Feb 18 th (Open)	Feb 25 th (Rory Kirk)
Mar 4 th (Open)	Mar 11 th (Bruce Willenberg)	Mar 18 th (Open)	Mar 25 th (Kelly Killhoffer)
Apr 1 st (Doug Redden)	Apr 8 th SCABA Picnic!	Apr 15 th (Open)	Apr 22 nd (Don Garner)
May 6 th (Jim Carothers)	May 13 th (Ronnie Smith)	May 20 th (JJ McGill)	May 27 th (Mandell Greteman)
Jun 3 rd (Gerald Brostek)	Jun 10 th (David Kroier)	Jun 17 th (Open)	Jun 24 th (Terry Kauk)
Jul 1 st (Marshall Hager)	Jul 8 th (Byron Doner) Tools for Conference Toolbox Work Day	Jul 15 th (Open)	Jul 22 nd (Roy Bell)
Aug 5 th (Billy Helton)	Aug 12 th (Ronnie Smith)	Aug 19 th (Open)	Aug 26 th (Dorvan Ivey)
Sep 2nd (Tracy Cowart)	Sep 9th (Ben Hangsleben)	Sep 16th (Jim Dyer - JJ McGill - Sulphur Tractor Show)	Sep 23rd (Don Garner - Fairview Tractor Show)
Oct 7 th (Open)	Oct 14 th (Open)	Oct 21 st (Conference Weekend!)	Oct 28 th (Corey Spieker)
Nov 4 th (Open)	Nov 11 th (Bill Phillips)	Nov 18 th (Anthony Griggs)	Nov 25 th (Bob Kenemer)
Dec 2 nd (Open)	Dec 9 th (Open)	Dec 16 th (Open)	Dec 23 rd (Mandell Greteman)

Fifth Saturdays:

April 29th (Open)

July 29th (Hammer Making Workshop)

September 30th (Open)

December 30th (Open)

2017 SCABA Conference:

The dates for the 2017 SCABA Conference have been set for October 21st and 22nd. The conference will again be held at the Murray County Antique Tractor Show grounds in Sulphur, OK. Mark your calendars!

****Please Note****

Beginning with the 2017 calendar, the NE region meetings will now be held on the first Saturday and the SE region meetings will be held on the second Saturday of each month. This is swapped from previous years.

September 2017

NE Regional Meeting September 2nd : Will be Hosted by Tracy Cowart at Dan Cowart's shop at 10380 N 4010 Road, Wann, OK 74083. (See map on next page.)

The trade item is an adjustable hook of some sort (like a trammel hook.) Lunch will be provided (smoked brisket) but please bring a side dish or desert to help out (salad, dessert, picnic fare, etc..) Contact: Tracy Cowart 918-630-7025. gtcowart@gmail.com

SE Regional Meeting September 9th : Will be hosted by Ben Hangsleben at 42 Rabbit Run, Choctaw, Oklahoma 73020.

The trade item is anything made of metal and wood.

Lunch is provide but please bring a side item or dessert to help out.

Contact Ben Hangsleben at 405-517-7010 or bhangsleben@gmail.com if you have questions.

SW Regional Meeting September 16th : Will be hosted by Jim Dyer and JJ McGill in conjunction with the Murray County Antique Tractor & Implement Association show.

The trade item is a three tine pitchfork. Lunch will be on your own. The blacksmiths are invited to a free thank you dinner by the Tractor Club at 6 PM. Directions are 7 miles north of Sulphur on Hwy 177 then east ¾ mile on Tractor Road. If you need more information, contact Jim Dyer at 580-465-3265.

NW Regional Meeting September 23rd : Will be hosted by Don Garner at the Fairview Tractor Show. Directions: 1 ½ miles east of Fairview on Hwy 58. Watch for signs on the north side of the road.

Trade item is to reproduce your favorite trade item you have ever won or would have liked to have won in the past. That way, there will be a variety of items for tractor show attendees to see at the meeting. Lunch will be on your own. Contact Don Garner at 580-302-1845.

October 2017

NE Regional Meeting October 7th : Open.

SE Regional Meeting October 14th: Open.

Note: This date will also be the Conference Work Day in Sulphur. There will be a lot of Pre-Conference set up and camaraderie. All volunteers are welcome and will receive Conference Toolbox and Quilt tickets for helping. (See info elsewhere in this newsletter.)

SW Regional Meeting October 21st : ****CONFERENCE WEEKEND!****

NW Regional Meeting October 28th : Will be hosted by Corey Spieker at the Route 66 Blacksmith Museum shop in Elk City.

The trade item is a set of hinges for a small box (jewelry box or similar). Lunch is provided but please bring a side dish or dessert to help out. Contact Corey Spieker at 580-799-1736 if you have questions.

Workshop Schedule

No Workshops are currently scheduled other than the after Conference workshops with Bob Patrick and Lyle Wynn. See information in this newsletter.

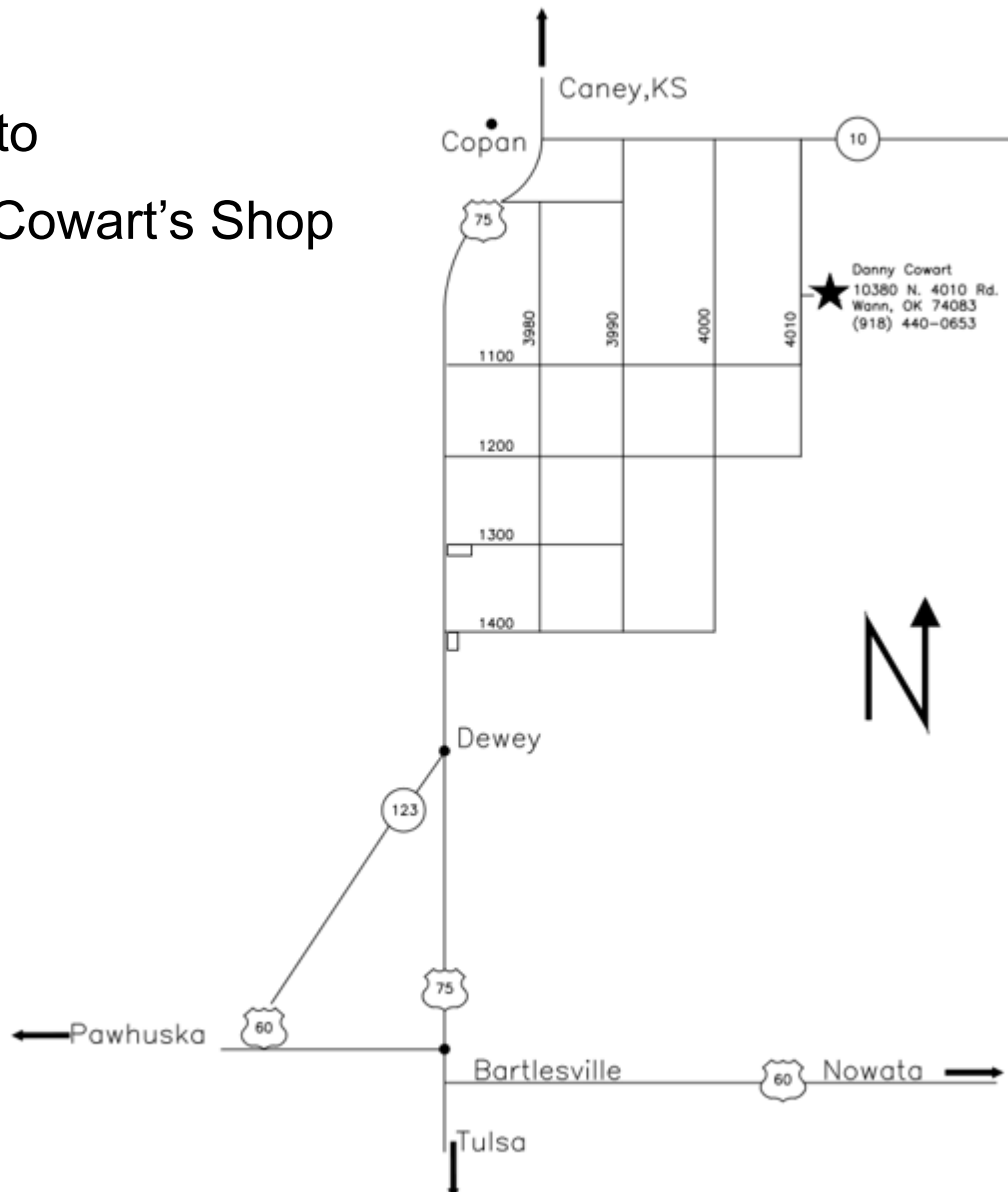
Have an idea for a workshop or class? If you have an idea for a workshop that you would like to attend (or teach), please let the workshop coordinator know so that details for time and place can be worked out.

Mandell Greteman is the SCABA Workshop Coordinator.

Contact Mandell at 580-515-1292.

mandell01@windstream.net

Map to
Dan Cowart's Shop



Blacksmith Demonstrator Opportunity at Tinkerfest- Oklahoma Science Museum:

From: Chris Syfrett <csyfrett@sciencemuseumok.org>

Date: July 14, 2017 at 12:08:49 PM CDT

To: "president@saltforkcraftsmen.org" <president@saltforkcraftsmen.org>

Subject: Saltfork Craftsmen at Tinkerfest on 9/30?

Hello Mr. Bryon Doner,

I'm sorry to take up some of your time. My name is Chris and I work for Science Museum Oklahoma. On September 30th of this year we will be hosting a Tinkerfest: a celebration of making and tinkering in which adults and children alike get to try exciting things to which they may not otherwise be exposed.

I've seen some of the amazing work members of your organization have done at different fairs in the state, and we would love for the Saltfork Craftsmen to be involved in our Tinkerfest. I understand that you personally may not have the time to come out to our Tinkerfest, but do you know if any of the Saltfork Craftsmen might be interested in joining us by bringing a forge and helping people try their hands at blacksmithing on that day?

Blacksmithing is an awesome art, and we would love to help in breaking down the barriers people have to getting started.

Thank you again for your time, and I hope to hear from you soon!

If you have any questions I'm available by email, phone, or text message. My cell phone number is 405-420-9275.

Chris Syfrett

Tinkering Specialist

Science Museum Oklahoma

(405) 420-9275

Please contact Chris directly to coordinate the details if you would be interested in setting up to demonstrate at this event.

Oklahoma State Fair

The Saltfork Craftsmen Club is signed up to demonstrate at the Oklahoma State Fair again in OKC September 14-24, 2017.

We are looking for those interested in coming out to show your skills to fair-goers. If you are a current member of Saltfork Craftsmen and interested, please contact Michele or Richard Blasius at 405-324-2017 or 405-550-9850 with your name and the dates you are interested in volunteering. If you are not a member but would like to sign up, it's not too late to join the club.

We will set up the demonstration site Wednesday morning September 13 (providing the trailer arrives by then). As in years past I expect us to have a complimentary hotel room. This will be handed out on a first come, first served basis. Please look at the calendar and select your dates. You will receive free gate admission and a parking pass (while passes/supplies last), so sign up early.

It is a lot of fun to hammer and sell a little of your work in the mean time. Snacks and water will be provided and those traveling a further distance have the opportunity (first come, first served) to the complimentary hotel room that is provided to the club for the event!

If you have any questions, please contact us. Hope to see you there!!

Saltfork Craftsmen Blacksmith Calendar						
2017 Oklahoma State Fair Demonstrators						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			13	14	15	16
			Set Up	* Roy Bell	* Tony/Carol Cable	* Tony/Carol Cable
			9:00-??	*	* Roy Bell	* Roy Bell
				*	*	*
				*	*	*
17	18	19	20	21	22	23
* Tony/Carol Cable	* Anthony Griggs	*	* Anthony Griggs	*	* Anthony Griggs	* Tony/Carol Cable
*	*	*	*	*	* Raymond Franklin	* Raymond Franklin (½ Day)
*	*	*	*	*	* Danny Duncan	* Danny Duncan (½ Day)
*	*	*	*	*	*	*
24						
* Tony/Carol Cable						
*						
*						
*						

Tulsa State Fair

The dates for the Tulsa State Fair are Sept. 28th. - Oct. 8th.

Thursday Sept.28 three people

Friday Sept. 29 one person

Saturday Sept. 30 two people

Sunday Oct. 1 two people

Monday Oct. 2 one person

Tuesday Oct.3 one person

Wednesday Oct. 4 one person

Thursday Oct. 5 one person

Friday Oct.6 one person

Saturday Oct. 7 one person

Sunday Oct. 8 one person

We need volunteers to step up and help out. Tulsa Fair Board is paying Saltfork \$2000.00 to demo there this year.

Selling items is allowed.

Please give me a call if you can help.

(918)230-2960

- Doug Redden

Around the State...

NW Region July Meeting: The Northwest Region July meeting was hosted by Roy Bell at the Route 66 Blacksmith Museum in Elk City. No meeting report is available.

(Photos by LaQuitta Greteman)





NE Region August Meeting: The Northeast Region August meeting was held by Billy Helton at his home/shop near Claremore:



What a great time to be had at the NE meeting. For the first of August the temps were in the low 90 's which was a huge blessing. The attendance surely showed the low temps with over 50 in attendance.



The trade item was a Fredric's cross with 7 being made for trade items but I saw 12 others made too.

Also several steak turners and a set of tongs being made by youngen's. What a blessed day and great turnout! - Billy Helton

SE Region August Meeting: The SE Region August meeting was held by Ronnie Smith at the Camp Hope Kids Ranch in McAlester. No meeting report or photos are available.

SW Region August Meeting: No meeting was held in August.



Hammer Class

Steve Mashburn

Saturday July 29th

Arriving at the hammer making class, I was greeted by Doug Redden. He gave me the materials for my hammer, the steel blank, handle, and wedges. Also he gave me a sheet of instructions which proved very helpful.

Gary Seigrist had driven up the night before from Elk City, Oklahoma. Their local group supplied the propane powered forges and, I believe, the power tools. We had hammers, anvils, and the equipment set up in Ragnar's workshop area in Tulsa. It was a pretty warm morning. I had brought popsicles to give out and several people enjoyed them.



First on the agenda was to find the centerline of the hammer head blank. Then we had to measure, mark, and center drill the locations where the handle hole was to be punched out. Finding the centerline was accomplished with a slick little tool Doug gave me. I had never seen one before, but it was easy to use. Marking and drilling was simple. Forge on!



Gary had the forges hot and we got our steel ready. As we placed the blanks inside the forge to heat them up we quickly learned to keep sharp track of what position our own blanks were in! We started the cycle of heat, forge, examine the results, and repeat. My hammer was made with a rounding face and a flat face. This part was really fun.



The next step, punching the eye, called for a striker to help you. So I asked David Ross to help me. He was a great striker. Handling the hot steel with the tongs provided, I placed it on the anvil and lined the handled punch up between the holes I had drilled into the steel... David did the striking and did a good job. It took a couple of heats with striking on top and bottom to get the slug ready to punch out.

I must say that listening is paramount here, or at any workshop...One of the guys was telling me that I needed to turn my punch (diagonally) so that it would clear the hardy hole when it went through. I didn't understand him at first but I finally got the message. The slug was punched out and started a small fire as it hit the grass... but it was easily put out with my boot. A drift was used next to finish out the handle hole.

Cooled, the steel was taken to the power tools and pretty well finished as far as the surface goes. Into the forge again I took it to non- magnetic heat and quenched it in water. Then I place it on the concrete driveway and allowed it to normalize while we had lunch.

Lunch was great... after all that hammer swinging, I was hungry. A hearty stew was served up and we all enjoyed it. We had water, Gatorade, and soft drinks to drink.



Tempering mine was all the metalwork I had left to do. Gary lowered the forge temp's and I was the first to heat up to temper. As luck would have it, after only about a minute or two my head got too hot. Even though we took it out a little before wheatstraw color it continued to change color quickly and I quenched it to cool anyway. I re-did the step later by taking it to non magnetic heat again. I tempered it later at home in my own shop.

Much thanks to the people who helped us! Gerald Brostek, Gary, and Doug provided much needed guidance at the anvil when we were punching and forging. Without their help and all the tools that were provided we would not have had so much success! Thanks to Ragnar also, for hosting the event. - Steve Mashburn



Demonstrator Opportunity

From: Eric Dilbeck [mailto:eric@oklahomarailwaymuseum.org]

Sent: Wednesday, August 09, 2017 4:01 PM

Subject: Steam event at Oklahoma Railway Museum

I would like to introduce myself. I am Eric Dilbeck, President of the Oklahoma Railway Museum. I recently read your July newsletter. I work for Presort First Class, which mail these out. I found it very informative and interesting. As I was reading it, I thought your members might be interested in an event we are hosting at our museum. This fall, last weekend in October and first weekend in November, we are hosting a coal fired steam engine. We will be pulling trains and will have opportunities for people to run the engine for 30 mins.

I am always looking for partners for our events. I think it would be easy to see a connection with blacksmiths and the railroad. I did notice you make objects out of railroad spikes. Would it make sense to discuss having a Blacksmith demonstration during our event? I would suggest the first weekend in November as our October weekend is a Halloween train.

Feel free to call or email me.

Thanks,

Eric Dilbeck

President

Oklahoma Railway Museum

3400 NE Grand Blvd

Oklahoma City, OK 73111

405.823.7986

eric@oklahomarailwaymuseum.org



Halloween Train Ride & Fall Steam Train

O-R-M
OKLAHOMA RAILWAY MUSEUM

DENTAL DEPOT

Halloween Train Rides
October 28th and 29th - Kids welcome in costume!

Fall Steam Train
November 4th and 5th

Ticket Pricing:
13 yrs & up \$12.00
13 yrs & up in costume \$10.00
12 yrs and under \$5.00

Try your hand "At the Throttle" of Lehigh Valley coal 126"
You will be the engineer for thirty minutes!
*18 years or older, some restrictions apply

Time slots available:
October 27th, 28th, and 29th
November 3rd, 4th, and 5th

3400 NE Grand Blvd.
Oklahoma City
(1/2 mi west on NE 36th St from I-35, Exit 131)
<http://www.oklahomarailwaymuseum.org/>

Demonstrator Opportunity

From: Glenna McBride [mailto:glenna.mcbride@gmail.com]

Subject: Oct 7, 2017

Dear Blacksmith Association,

I saw the blacksmith demonstration in Pawhuska during a Leadership Arts session this year behind the Pawhuska Chamber of Commerce building. It was a wonderful demonstration. It was also a great job sharing the knowledge of the fine artisanship of metalwork. This is how I found out about your organization.

I am the director for Eufaula Area Arts Council. We would like to invite any of your members to participate in our annual art festival, Oct 7 of this year. I have attached a flyer. Please pass this on to your members. We are trying to promote Eufaula as an artist friendly place to work and play at and any of your group will be welcome to join us.

Sincerely,

Glenna McBride, Executive Director of Eufaula Area Arts
Teaching Artists and Educational Consultant
ArtistGlenna.com

(918) 617-1689



http://arts.ok.gov/Oklahoma_Teaching_Artists/Glenna_McBride.html

Lake Eufaula Art Festival Oct 7

Masquerade the Arts



Art & Crafts for sale 9am-5pm in businesses and on the street



Cruise Night 5:30pm to 9:30pm



Mask Walk 5:30pm to 6pm

Bring your own or join us in a parade of Masks and Costumes - Meet in front of Main St Studio before 5:30

Expression Space 10:30am to 4:30pm in front of new Chamber Building

A multi-function open mic space where entertainers and visual artists express their talents

"Caesar" Jeff Foresee & Hunter Gotcher-mix of indie/Alt with a Pop twist

6:30pm - 9:30pm

Special Guests - 20 invited Art Specialists roaming around Eufaula

Sponsored by Eufaula Area Chamber of Commerce and Eufaula Area Art

With the assistance of the Oklahoma Arts Council and the National Endowment for the Arts

Demonstrator Opportunity

Planes, Trains, & Automobiles, 2017 event committee would like to cordially invite a blacksmith to set up a blacksmithing demonstration at the Santa Fe Depot (Pott. Co. Museum) on 614 E. Main St. on October 7th as a part of the time-period educational portion of this event.

We are asking demonstrators to plan to be set up by 11 am with the hopes you will be able to remain at the event until 6 pm - 7 pm. You are encouraged to sell items and promote your organization.

Last year, the attendance was incredible and we are expecting the same or more this year.

We have a web site that is currently under construction for you to check out. It will be updated as attendees are confirmed. www.ptanda.net

It is my sincere hope to have a blacksmith demonstrator to attend.

With much anticipation of a great event!!

Teresa Burnett, Pott. Co. Historical Society Event Coordinator
blessingsxfive@yahoo.com
405-414-9185

Detailed information about the event:

Planes, Trains, and Automobiles is an annual event held on the first Saturday in October. The day begins at the Shawnee Regional Airport on 2202 N. Airport Dr. and ends at the Santa Fe Depot Museum on 614 E. Main St.

The Shawnee Regional Airport will start the day at 8 AM, bustling with fun family activities such as helicopter rides, carnival games, and food trucks. A spectacular array of stunt planes and vintage aircraft will be on display throughout the day. Have you ever wanted to try skydiving? The thrill of experiencing the sport of skydiving can be a reality as well. All of this will set the stage for a breathtaking fly-in and air show at 12 PM.

Starting at 2 PM, the sights and sounds of the past will be a short drive away at the Santa Fe Depot, located at 614 East Main St. Come see the model trains make their way in and out of the streets of Shawnee on the room-size model representation of Shawnee during the 1941-42 era. A real train will be waiting on the tracks open for visitors. Live demonstrations will be ongoing such as quilting, blacksmith, a working chuck wagon, butter making, cornhusk doll craft, square dancers and more.

Antique car fans will enjoy a showcase of 50-plus hotrods, vintage, and classic cars. The gallery of cars will be parked on the east end of Main St. Antique tractors, bikes, motorcycles, local fire trucks, a police car, and other emergency vehicles will also be present with professionals available to visit and answer questions.



Anvil Quilt Drawing

The Saltfork ladies have made this awesome anvil quilt that will go to the winning ticket at the 2017 SCABA Annual Conference. This photo is an interim stage as the quilt is not yet finished. Tickets will be available for \$2 each at the Conference.

If you will not be attending this year's Conference, you can also obtain tickets from Carol Doner, LaQuitta Greteman, or the Secretary, Teresa Gabrish. (Or anyone else you see selling tickets at meetings, etc.)

The drawing will be held Saturday at the Conference.

Good Luck!

Changes to Scholarship Applications:

Saltfork Craftsmen has scholarships available to eligible members who attend educational classes and events with the intent of sharing the information with other members of the club.

At the recent July 8th Board of Directors meeting, the process for applying for these scholarships was revised to dissolve the interim step of the scholarship committee in an effort to streamline the process.

Thanks to the Scholarship Committee members for their hard work in the past!

Applications will now just be forwarded directly to the Board for approval. The Scholarship Application forms and website have not yet been adjusted to reflect this change but you deliver the current application forms to any Board member until they are revised.

If you are interested in taking a class, it is worthwhile to review the requirements for obtaining a scholarship. This money is there to be used to help members gain exposure to educational events and application for a scholarship is easy. The scholarships can be used to offset the costs for class or workshop expenses including the After-Conference workshops.

Go to the Saltfork website, complete and submit the application form (available in both Microsoft Word and Adobe PDF format) to any Board of Directors member:

<http://www.saltforkcraftsmen.org/Scholarships.shtm>



2017 SCABA Annual Conference People's Choice Awards and General Gallery

Two Categories:

At this year's Annual SCABA Conference, there will be something new for the People's Choice Awards. This year, we will have **two categories**, one will be for work done using "**Traditional**" methods and the other will be "**Open**," meaning open to use any and all methods of the artist's choosing.

As soon as we start placing labels on art and craft work, it becomes difficult to avoid creating overly limiting definitions to clarify those labels. The intent here is to separate work that is done with methods generally considered traditional to blacksmithing, such as forge welding, joinery, punching, upsetting, drawing out, etc. from more modern methods such as arc/mig/gas welding, stock removal grinding, etc. These "modern" methods have become, in many cases, much faster and easier to use than the traditional methods due to modern machines and equipment. This separation is an attempt to allow a potential gallery submission to be judged against other work on a more equal footing than is practical with a single overall category. Though not always true, some of the traditional methods require more skill and time to accomplish a finished result than by using more modern methods.

Does this mean you can't use your Baldor grinder with a wire wheel to clean up your hand forged gothic grille? No it is not meant to restrict time saving methods that don't really impact the nature of the finished piece and are really a faster equivalent version of the traditional "by-hand" method. It does mean you can't arc weld that one piece that broke off from a stress crack at the last minute and try to hide it with judicious grinding and reheating to cover the tracks with fire scale if you want to enter the piece as "traditional." Can't people cheat? Possibly. We are betting most won't. Will there be judgment calls or "gray areas" in what to call traditional? Probably. If there are any issues that come up, the Board of Directors will make a judgment on how to place the piece in the Gallery. Mostly, any benefit of the doubt will go to the entrant.

I have volunteered to coordinate this year's Gallery set up. If you have any special needs to display your piece or any questions, please let me know.

General Gallery:

We would also like to see a general gallery of work from all levels on display. It does not have to be all new work or work submitted for the People's Choice voting. It can be for sale or just for display. But we would like to have anything you are proud of to be on display. Even work by beginners is often an inspiration so please don't hold back thinking your work is "not good enough." Keep in mind, there will be visitors that have never even forged an S-Hook or a leaf key chain. Any work probably has something to teach and inspire others. Please consider bringing your items to display! - *Editor*

The 21st Annual

Saltfork Craftsmen Artist Blacksmith Association Conference

October 21st & 22nd 2017



**Featuring Live Blacksmithing
Demonstrations by:**

Robert Patrick

&

Lyle Wynn

Murray County Antique Tractor Assication Show Grounds:

7 miles north of Sulphur on Hwy
177, ¾ mile east on Tractor
Road. Sulphur, OK

Conference Schedule



Friday, October 20th

Conference setup starting at 8:00 am.

Saturday, October 21st

Registration opens at 7:00 a.m.
Demonstrations 8:00 am – Noon
Lunch break Noon – 1:00 p.m.
Demonstrations 1:00 – 5:00 p.m.
Dinner 6:00 p.m.
Drawing for toolbox 7:00 p.m.
Auction 7:00 p.m.



Sunday, October 22nd

Registration Opens at 7:00 a.m.
Demonstrations 8:00 – 11:30 a.m.
Lunch Break 11:30 – 12:30 p.m.
Demonstrations 12:45 – 4:00 p.m.
Cleanup and teardown 4:00 p.m.



Conference Set Up Work Day!

There is a Pre-Conference set up work day scheduled for October 14th at the Conference site (the Saturday before the Conference.)

If you are interested in helping set up for the Conference, please feel free to attend that day. Set up will include placing the bleachers, installing the audio visual infrastructure, moving various items around, etc. There will be a lot of camaraderie among those elite volunteers who choose to attend.

And, anyone who attends to help will receive five tickets for the Tool Box and five for the Anvil Quilt - A \$20 value! See you there!

21st Annual Saltfork Craftsmen Blacksmithing Conference

Registration Form
October 21st & 22nd, 2017

Please Print Clearly

Name: _____ Spouse Name: _____

Address: _____

Phone: _____ E-Mail: _____

Membership required for attendance.

Charge for non-members is \$10 for membership until March 31, 2018

	Number	Cost Each	Total
Conference Registration Fee (One Per Family)			
Saturday & Sunday (per family)		\$55.00	
Saturday Only (per family)		\$35.00	
Sunday Only (per family)		\$35.00	
Membership Until 03-31-18 for Non-Members		\$10.00	
Meals			
By donation at time of meal. Donation Jar will be set out when meal is served			
*Family Classes on Saturday			
Saturday Morning: Steampunk Resin Class		\$35.00	
Saturday Afternoon: String Art		\$30.00	
Beaded Bracelet or Earrings		\$10.00	
Copper Enameling		\$45.00	
*Family Classes on Sunday			
Sunday Morning: Wire Wrapped Pendant		\$45.00	
Saw Blade Paintings		\$10.00	
Total Payment Enclosed			

Make checks payable to Saltfork Craftsmen ABA.

Only one family Registration Fee (family members only) required per household.
(All meals and all material costs for Family Classes must be paid).
Saltfork Craftsmen T-shirts will be available at the conference.

Murray County Antique Tractor Association Show Grounds:

7 miles north of Sulphur on Hwy 177, ¾ mile east on Tractor Road. Sulphur, OK

Mail this form with full payment to:

Teresa Gabrish
PO Box 18389
Oklahoma City, OK 73154

All adults attending the conference must sign this disclaimer. Parent or legal guardian must sign for minor children.

Disclaimer: I understand that blacksmithing can be a dangerous endeavor. I understand that my safety is my responsibility. I understand the need for eye and ear protection; I will provide and utilize the necessary safety equipment for all activities. The Saltfork Craftsmen ABA, its officers and members are not responsible for my well-being. Registration for the Conference indicates my agreement to these terms.

Signature: _____ Date: _____

Signature: _____ Date: _____

Family Classes:

Steampunk Resin Pendant



Cathy Sabine has agreed to come teach a fun class in resin jewelry. Students fill a pre made bezel with a variety of trinkets and other items to create their own individual piece of wearable

art. Class is \$35 per student with all materials provided.

String Art Wall Hanging



Another class from Cathy, this one is a barnboard string art class. She has a few pre drawn designs or you can use graph paper to make your own design. Each piece is a work of art. Class is \$30 per student with all materials included.

Beaded Bracelets/Earrings:



Mecca Waite will be teaching a basic beaded bracelet or earrings class on Saturday afternoon. Price

of this class is \$10.00 each with a limit of 10 students.

Wire Wrapped Pendant:



Teresa Gabrish is offering a wire wrapped pendant class. Class will include a choice of gemstones as well as copper and bronze wire to complete a pendant.

\$45.00

Copper Enameling:



Teresa is also offering a copper enameling class. The project will consist of copper shapes that students can use enamel powders to decorate then torch fire to create pendants and other pieces.

\$45

Saw Blade Painting:

Carol Donner has agreed to offer a class on painting pictures on round sawblades.

2017 SCABA Conference RV Reservations:

RV reservations are available if you plan on camping on site and need an RV hookup. Primitive camping is also available with access to clean toilets and showers if you prefer primitive camping.

RV hookups are available for \$20 per RV per night (to the Tractor Club) for electric only service. Spots are already being reserved so contact J. J. McGill as soon as possible if you would like to make a reservation.

Contact J. J. McGill at 580-369-1042 or jjmcgill88@yahoo.com



2017 SCABA Conference



October 21st and 22nd

Sulphur, Ok

Demonstrators: Bob Patrick and Lyle Wynn

Conference Workshops October 23, 24 and 25th:

******UPDATE: The after-conference demonstrator workshops are now SOLD OUT. If you missed out and would still like a chance to attend, you can try getting your name on a waiting list in case someone drops out. ******

If you have any questions, contact **Mandell Greteman 580-515-1292** or mandell01@windstream.net.

Correction:

*****In the previous newsletter, the Lyle Wynn workshop projects incorrectly mentioned forge welding copper. This was a mis-communication and should have just been "forging copper."*****

Vendors and Tailgate Sales:

Conference attendees should be sure to bring some extra spending cash to the conference. There will be some opportunities to buy blacksmith related items from various sources. As always, vendors and tailgate sales are welcome at the Conference. And there is no charge to set up a sales booth. If you are a vendor and have any special needs, just ask one of the Saltfork Directors. Some of the vendors planning to set up include:



**TStar
Leather**

Craftsmanship, Detail, Creativity, Excellence

Iron in the Hat Items

Gerald Franklin

We will need more items for the Iron in the Hat (IITH) tables at the conference in October. You can bring them to the conference or pass them on to me or a director between now and the conference. We'd like for everybody to come to the conference, but if you can't come, you can still donate to IITH. Below is a list of things you might consider:

Tools

- Measuring tape, ruler, yardstick, etc.
- Safety gear such as ear plugs, safety glasses, etc.
- Punches, chisels, hammers
- Saws, power or manual
- Grinders, angle or bench
- Drill Bits
- Pliers
- Anvil tools
- Files

Supplies

- Grinder wheels and other abrasives
- Welding Rods
- Hacksaw blades
- Soapstone, silver pencils, etc.
- Rivets

Metal (Mark it as to type if you know what it is)

- Mild steel drops
- Tool steel drops
- Pieces of copper, brass, bronze, stainless, etc.

Please don't restrict yourself to this list of items, we'll be glad to get about anything that will draw some raffle tickets. Also, you might consider bringing books and magazines that pertain to smithing, welding, mechanical work, etc.

If you are a new member and don't know about Iron in the Hat, please refer to the August 2017 newsletter (page 26) for a description of what Iron in the Hat is and how to participate. - Editor

2017 SCABA Conference Tool Box

At the July 8th meeting at Byron Doner's shop, the meeting attendees used the day to make tools for the Conference Tool Box.

Bruce Willenberg has volunteered to keep track of the tools until the Conference. This is a list of suggested tools that would go along way to making a well rounded tool box collection but the list is only a suggestion.

The items marked with a "yes" are already on hand for the collection at the time of the July 8th meeting. If you would like to make a tool for the toolbox, feel free to make something from this list or something else you think would be a good item to add to the collection.

Any donated tool is greatly appreciated as proceeds from this drawing benefit the Saltfork club as a whole but hand made tools are the most appreciated by those interested in winning the box. Either way, the winner of the tool box drawing will have a nice collection of usable tools that they will be proud to own.

If you would like to check on the most current status of tools in the collection, please contact Bruce Willenberg to see what, if any, tools have been added since this list was published. You can contact Bruce 405-227-4547 or by e-mail at: brskw1976@yahoo.com

Tickets for a chance to win the box will be available up until the drawing at the auction on Saturday night. If you will not be able to attend the conference and want a chance to win the tool box while supporting the club, tickets may be purchased from the Secretary (Teresa Gabrish.) Tickets are \$2.00 each.

Suggested Items	Donated
1 lb. cross peen hammer	Yes
1 1/2 lb. cross peen hammer	
2 1/2 lb. cross peen hammer	
Rounding hammer	
Hot slit chisel	Yes
Handled hot cut chisel	Yes
File, flat bastard cut	
File, half-round bastard cut	
Farrier's rasp	
Hacksaw	
Rivet backing and setting tools	
Scribe	
Center Punch	
Center Finder	
Dividers	
Tongs	
1/4 V-bit	Yes
3/8 V-bit	Yes
1/2 V-bit	Yes
Punch, Square	Yes
Punch, round	Yes
Punch/Chisel set with tongs	Yes
Scroll pliers	
Soapstone and holder	
Abrasive block, small piece of grinding wheel	Yes
Chisel, large	Yes
Chisel, small	Yes
Metal ruler	Yes
Ball tool (round blunt nose punch)	
Hand held spring swage for tenons	
Hand held swage for necking down	
Set of monkey tools (1/8", 3/16", 1/4")	
Bending forks	Yes
Flux and flux spoon	
Twisting wrench	
Hot cut hardy	
Bolster plate	Yes
Finish wax	
Shovel	
Rake	Yes
Poker	Yes
Sprinkler Can	Yes
Water can	Yes
Multi Square	
Nail Header	
Flatter	Yes
Wire Brush	Yes
Hold Fast	Yes

Metal Artist Creates Large Bell

By PATRICK FORD

Okmulgee Times Staff Writer

Okmulgee blacksmith Ed McCormack loves to create works of art with iron. His most recent accomplishment is a large bell.

Making bells is nothing new to McCormack as he made several over the years. This particular piece, which hangs on property east of town, is roughly 30 inches in diameter. McCormack estimates it took about 30 hours to create the bell. It weighs about 180 pounds and required about 200 pounds of 5/16 rod. "I couldn't do it all in one setting," McCormack said.

Projects like this keep him very busy and active. He also created a art piece that echoes words he lives by, "Somebody got to do it."

McCormack spends hours in his shop fashioning objects from iron and wood. He uses a hot fire and a hammer to turn iron into metal masterpieces. He twists scrap metal into unique items. He sometimes uses wood with his iron projects to create furniture.



Ed McCormack gives his large bell a ring. The artist's latest creation took about 30 hours to make and weighs about 180 pounds. Below, his slogan in his shop keeps him motivated. (Staff photos by Patrick Ford)

One of his art pieces is a bench which sits on the east side of the Okmulgee County Courthouse. "It was built with some old, old worn-out antique wrenches that I've picked up across the country," he said. "It has claw-hammers I lined them up kind of star shape and then I welded in a star shape. I also made a bell for it.

The bench is inscribed with "Made in the USA by Ed McCormack with the date and for the citizens of Okmulgee County. It's made out of brass."

The bench is also made out of pipe wrenches "for support and looks," McCormack said. "I also made the vines and the roses coming out of each corner of the back legs. That's actually the only forging in it. Everything else is just touch-welding."

On a tour of his property, one can see his love for the craft in all his designs.

However, McCormack's work is for viewing only - not for sale. He is always happy to talk to people about blacksmithing and his projects. However, he prefers to talk to folks one on one. Just last week, a couple traveled hundreds of miles just to take a tour and look at his various projects.



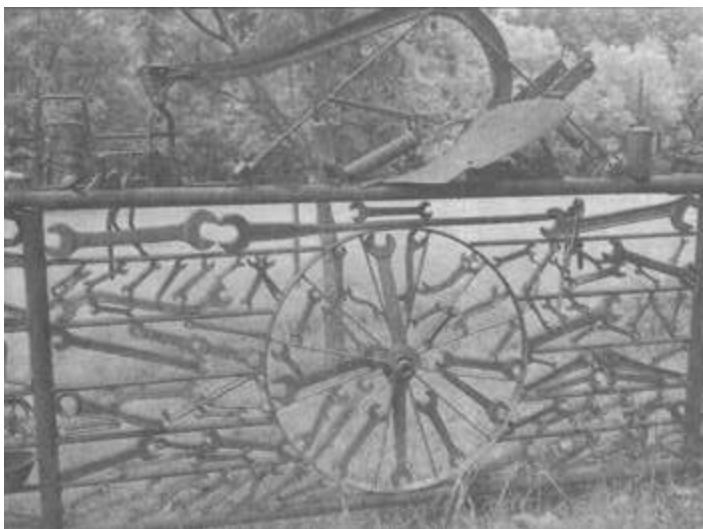
McCormack believes that if it's iron, it can be molded into just about anything.

As far as making a bigger bell, McCormack said he's not likely to take up that challenge.

Left: Ed's Motto

Right and Below
Right: Two
other bells Ed
created.

Below Left: a
fence decorated
with wrenches,
pliers and an
old plow.



This article is re-printed with permission courtesy of the Okmulgee Daily Times, July 7, 2017

tagane ~ Japanese Inlay & Carving Chisels

Jay Burnham-Kidwell, Golden Valley, Arizona

This article was received from Jay at the 2011 Spring Conference, where he was a demonstrator. It was also published in a slightly different form in Anvil's Ring, Spring 1988. Look for Jay's demonstration at 2017 Spring Conference.



Japanese inlay and chiseling tools are referred to as tagane. I have included here those most often used. I have about 20 tagane tools in assorted sizes, although it is not unusual for a craftsman to have 100 - 300 different chisels. I use mine on ferrous and non-ferrous metals, and have discovered that beefier tools work better on iron and steel. These tools are struck with chasing, riveting or ball peen hammers weighing between 3 oz. and 1 lb. The chiseling is traditionally done with the chisel directed toward the smith. I find this to be a good general method since I can observe both the tool and its progress through the task. One should wear safety glasses and be aware of metal chips (sharp!) and tool slippage.

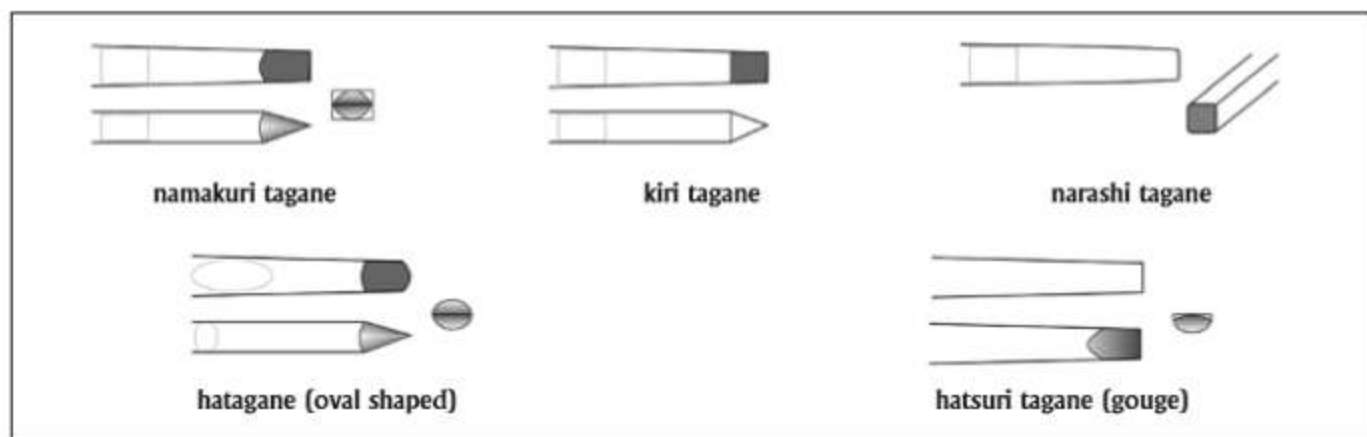
Materials

New. O-1 drill rod, W-2, cut nails.

Recycled. Hay rake tines, coil springs, potato digger links, etc.

Tool Sizes. 4" - 6" length, $\frac{1}{8}$ " - $\frac{3}{8}$ " thickness; oval, flat, square, round.

If required, normalize or anneal the steel. Cut to size (hot or cold), and forge it to 95% of the finished shape. Normalize or anneal again. Cut, grind, file and sand to shape. Harden and temper as per instructions for the particular steel you employ. Or, if unknown, harden $\frac{1}{2}$ " of the working end, and quench in oil. Brighten the steel with abrasive paper, temper to straw, and quench in oil. Sharpen the tool, strop on a piece of end grain wood, and road test. You can test the hardness of a tool by shaving your thumbnail. *Carefully!*

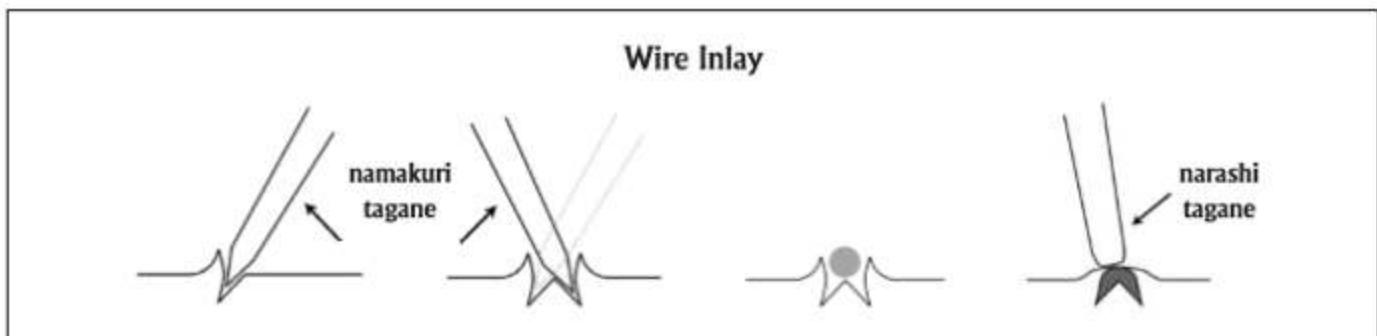


tagane

If the tool has been tempered too soft, anneal, re-harden and re-temper. I use cooking oil as a hardening medium and prefer my tools to be hard and tough rather than hard and brittle. Also, it is usually better to find a good supply of the same alloy or tool steel to use. I use O-1 oil-hardening drill rod, which is very cost efficient and easily obtainable. It is also easily heat-treated by the craftsman.

When using chisels, do not use too heavy a hammer or too great an angle, or the edges may break. Sharpen your tools occasionally during use. I use a hard Arkansas stone and oil to sharpen. 1200 grit emery paper can also be used to touch up tools.

The chisels used for inlay may also be used for carving. The making of inlay, engraving and carving chisels is generally the same. Commercially made die-sinker's chisels are also useful.



Inlay into mild steel seems to work favorably. Wrought iron is softer, although it may be prone to chipping. Inlaying into carbon, alloy or tool steel is possible, depending on which alloy is chosen. I have had good luck with O-1, S series and 4140. As with any metalsmithing endeavor, the possibilities and materials are endless.

To inlay metals into steel, anneal the substrate metal (mild steel) and the inlay material. Lay out the pattern on the substrate by scribing, using Dykem® or Wite-Out®.

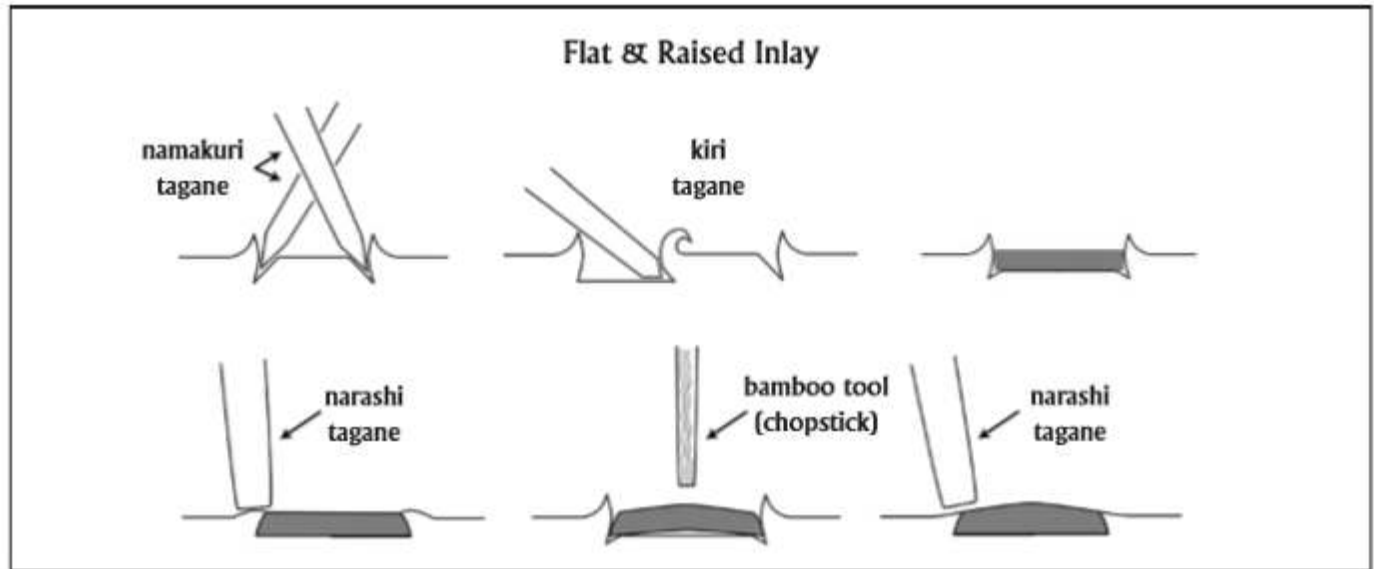
For wire inlay, use the namakuri tagane or the kiri tagane to make a continuous cut on the both sides of the mark on the substrate metal. (see illustration above).

CAUTION. *The edges of the cut will be extremely sharp!*

Place the annealed wire in the cut, and gently tap the wire down with a light hammer. Use the narashi tagane to tap both sides of the cut back down. When cutting the channel for the wire, try to create a slight dovetail for the wire to expand in as it is tapped down. The inlay can be left above the substrate or cut flush with the surface by filing and sanding.

To inlay larger flat and/or raised relief pieces into the substrate, use the inlay itself or a template to scribe the outline, and use the namakuri tagane to cut the outline. Use the kiri tagane to remove metal from the center of the area. Both chisels can be used interchangeably, depending on the form and shape of the inlay. If metal *stitches* are raised during the chiseling, all the better, as it will help hold the inlay in place.

tagane



Set the inlay with the narashi tagane. (see illustration above) After inlaying, the substrate may be finished and re-blued with gunsmith cold bluing solution, tomato juice or strong green tea for varied colors.

Once inlaid, materials should not be annealed, forged or unduly abused. Some craftspeople recommend flashing the depressions with copper before inlaying to prevent an electrolytic or galvanic reaction between the metals.

I have not had this problem in the desert. Good Luck! ♣

This article is re-printed courtesy of the California Blacksmith Association Newsletter, Mar-Apr 2017

Boy Scout Teaching Opportunity:

From: TIM WHITAKER <WHITAKER-RANCH@msn.com>

Date: August 25, 2017 at 1:07:40 PM CDT

To: "president@saltforkcraftsmen.org" <president@saltforkcraftsmen.org>

Subject: blacksmithing weekend class

Would you be interested or know of someone who would be interested in doing a two day weekend blacksmithing beginners class to 5-8 boy scouts working on a merit badge and let them build a small project. We are willing to pay and we know free Sundays are scare as hens teeth. we live in Amarillo and would drive down on a Friday night after school and be there bright and early for maybe a 8-6 and then maybe 1-5 on Sunday and we would drive back after that, or maybe Saturday only, let me know your thoughts and what you would charge, these Scouts are also in FFA and some in 4-H, please get back to me if you can.

Vaya Con Dios

Tim Whitaker

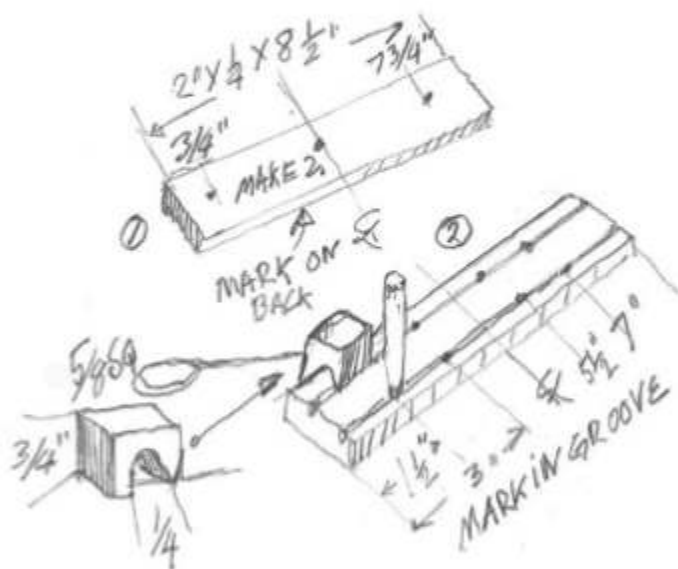


Steve Alling Trivet

Drawings & Article

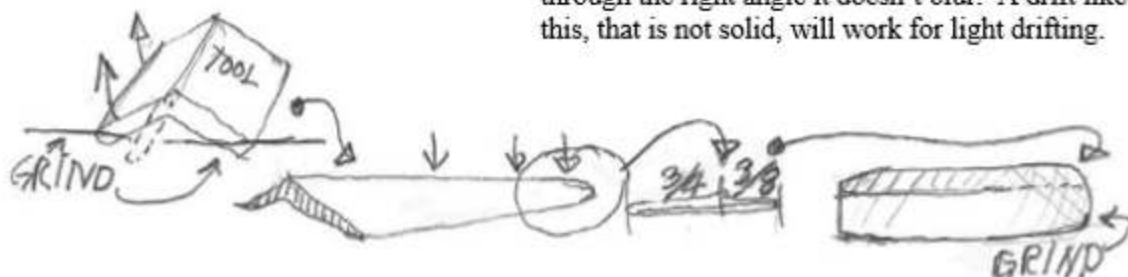
By Steve Alling, A MABA member

Trivet also in January IITH



1. Mark the back for the start of the draw out for the feet so that marks won't show on the finished side.

2. Groove both pieces on the finished side and mark for the slits in the grooves so the marks won't show.



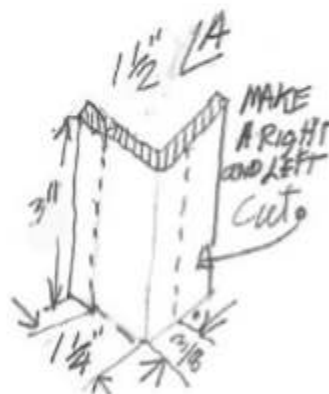
3. Draw out the feet, I cross pien and let them spread a little.

4. Slit all from the top side since the underside is not visible this gives you a cleaner job.



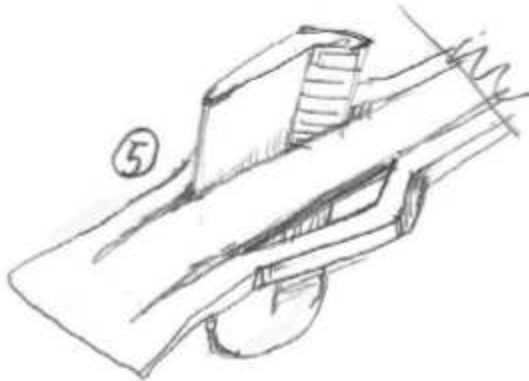
Making the Drift:

I made the drift out of 1 1/2 inch angle iron opening it up well past 90 degrees and flattening one end.



It's important the inside edges are ground flat. Make sure the right angle and its remnant are parallel to the sides of the drift so as the drift goes through the right angle it doesn't blur. A drift like this, that is not solid, will work for light drifting.

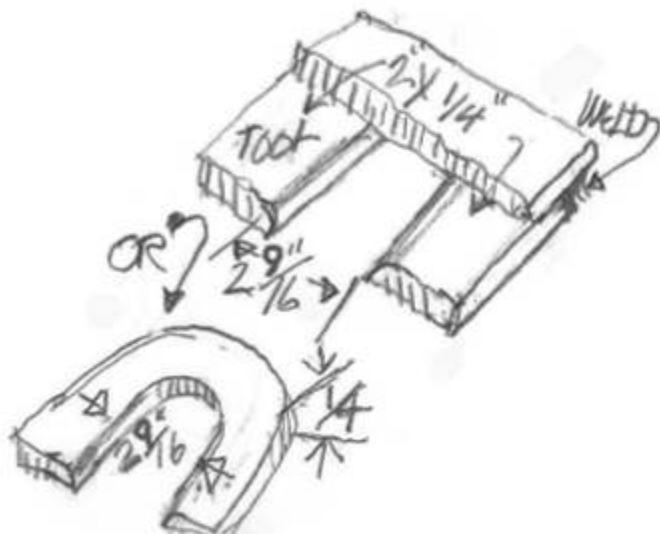
Drift.



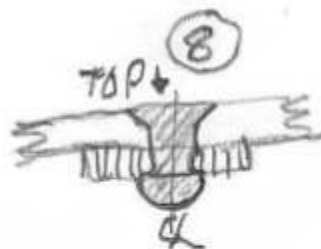
7. Round the feet on a $\frac{3}{4}$ inch fork.



6. Offset one branch. I make this tool either of the two ways shown.



8. Drill both parts in the center for the rivet; counter sink the top so the rivet will be flush.



This article is re-printed courtesy of the Michigan Artist Blacksmith Association, The Upsetter Newsletter, Mar-Apr 2017

Building a Portable Coal Forge

Using a Charcoal BBQ Grill

FABA Member Tony Fenn

www.fishnchipsfoundry.com | 25 May 2017

CREDIT to my blacksmith teacher and friend:
Trez Cole of Nokomis Forge



Introduction

This is a guide to building a small coal forge using a charcoal BBQ grill as the main body. It is suitable for a hobbyist blacksmith who may need to move the forge around a workshop or out into a yard. *Credit goes to my teacher, Trez Cole of Nokomis Forge, who has built several small forges from used BBQ grills that he takes to blacksmithing classes in the back of his truck. Comments from Trez are included as notes in these instructions.* This guide uses a new, but cheap, charcoal grill bought from Amazon.com. With some adjustments to size, any used charcoal grill or smoker could be the basis of this forge. Total cost, including the new grill, blower, steel and parts should be around \$300.

Safety warnings and instructions that came with the grill are equally valid for this forge!
Blacksmithing is dangerous. BE CAREFUL!

Materials List

Bought from Amazon.com

1- Best Choice Products BBQ Grill Charcoal Barbecue Pit Patio Backyard Home Meat Cooker Smoker. Price = \$84.95

2- Dayton Model 2C647 Blower 134 CFM 1500 RPM 115 Volts 60/50hz. Price = \$79

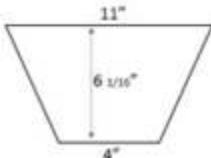
3- KB Electronics 8811006 Solid State Variable Speed AC Electric Motor Control, 2.5 Max amp, 115V, # K177-1002. Price = \$16.31

Note, Trez prefers a manual damper to adjust the blower strength of his forges. So, an alternate option to the electric speed controller is to purchase a 3" aluminum 'blast gate' from amazon (\$13) and epoxy and tape it in between the aluminum elbows connected to the blower.



Steel List

Qty	Description
4	 $\frac{1}{4}$ " (or $\frac{3}{8}$ ") thick steel trapezoids for the fire pot with dimensions top 11", 4" bottom and height $6 \frac{1}{16}$ " this will give a fire depth of $4 \frac{1}{2}$ " when welded. These are the dimensions used in this build. A post-build comment from Trez is that a $3 \frac{1}{2}$ " fire depth is sufficient. The trapezoid dimensions would therefore be top 10", bottom 4" and height $5 \frac{1}{4}$ ". If you choose to make this smaller firepot, then make sure it still rests on the angle iron supports, see the assembly picture below showing the placing of the firepot into the grill.
1	$\frac{1}{4}$ " thick 1" wide x 72" long steel flat bar
1	3" inside diameter x 29" long steel pipe (Schedule 40 ($\frac{1}{4}$ " thick) was used here but thinner will work)
2	$\frac{3}{16}$ " thick 1 $\frac{1}{2}$ " wide x 30" long angle iron for supports
1	$\frac{3}{8}$ " or 'small diameter' x 12" long rebar for ash grate
2	$\frac{3}{16}$ " thick 8 $\frac{1}{4}$ " wide x 13 $\frac{1}{2}$ " long steel plate for coal table (Wait and measure after fire port installed)
1	22 gauge steel sheet 12" x 12" for shelf support for the blower
1	22 gauge or 18 gauge round piece at 3 $\frac{1}{2}$ " diameter for ash dump flap (could cut from scrap)



Florida Clinker Breaker, September, 2017

Miscellaneous Shopping List For The Hardware Store

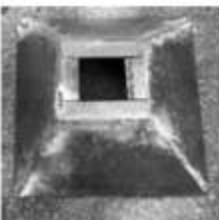
Qty	Description
1	25ft Extension cord to be used as a lead to power the blower
1	110V light switch
2	Electrical outlet boxes, one for switch and one for blower speed controller
1	Outdoor switch cover plate
3	Wire nuts to make electrical connections
2	3" diameter aluminum duct elbows to join blower to side pipe
1	3" diameter semi rigid aluminum dryer vent hose to join elbow to blower
1	Roll of aluminum duct tape to seal joints
1	9" or 10" long metal closet handle for lifting and moving the forge (Lowes has them for about \$8)
1	Tube of 5 min epoxy glue
1	3" diameter metal hole saw
1	3 1/2" metal hole saw (also may be needed if 1/4" thick pipe is used)
1	Box of #10-24 x 1" long nuts and bolts
4	Large washers for #10 bolts to mount grill rack to front supports
1	Can of black heat resistant paint

ASSEMBLY INSTRUCTIONS

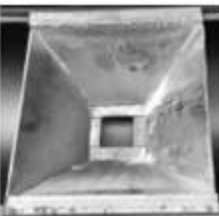
- 1) Weld the 4 trapezoids together to form the main fire pot



- 2) Cut and weld 4 pieces of the 1/4" thick 1" wide bar to the outside bottom of the fire pot to form a base for the pipe
Note only weld around the outside edges so that when the pipe is added it will sit flat. Any gaps will be filled later



- 3) Cut and weld 2 pieces of the 1/4" thick 1" wide bar to ONLY 2 of the top opposite edges of the fire pot to form supports for placing into the grill.
Note weld only on the top edges as shown, so that the fire pot will not be impeded by welds and will sit flat when it is placed on the supports as shown 3 pictures below



- 4) Follow the instructions that came with the grill to assemble it up to the point shown.

Important! note the choice of installing the shelf brackets, which will support the blower, on the right, and also the wheels will be on the right (shown supported with wood for now).

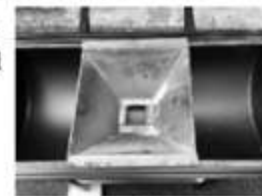


- 5) Measure and cut two pieces of the 1" angle iron and then drill and install them with #10 nuts and bolts to the inside of each side of the grill base. These will support the fire pot.

Note a post build comment from Trez is to attach these down an inch so that more coal can be stacked up when the table surface is finally installed.



- 6) At this point, place the fire pot into the grill so that the center can be found and a mark made in the bottom of the grill for later drilling a hole for the pipe.



- 7) Cut a 14" length of the pipe and weld it to the base of the fire pot. Fill any holes between the 1" bar with weld to create a good seal.



- 8) Use a hole saw to cut a hole into the base of the grill at the point previously marked as the center. Place the fire pot into the grill and check it fits squarely on the two angle iron supports.

Note save the cut out piece you'll need it later. Use a level or piece of straight wood to find where the bottom of the elbow pipe will be when it is attached to the down pipe so that it will also be supported on top of the grill's side leg bracket. Then mark where the center of the pipe will be. See next 2 photos.



9) Remove the fire pot.

CAREFULLY check your mark from the step above and adjust your mark horizontally to make sure when a hole is drilled it will be in the center of the pipe.

Use a SMALLER hole saw to drill a hole for the side pipe. *If you are using a 3 1/2" diameter pipe, then drill a 3" hole.*

Note this picture shows a partially drilled hole



10) Cut a 15" long piece of pipe for the side elbow. This part is tricky! Cut a curved profile in the end of the elbow pipe to match that of the down pipe. A plasma cutter or band saw can be used. Place the fire pot back into the grill and then weld the side pipe. Fill in any gaps with weld to get a good seal.

Note in this photo the grill was lifted onto a wall for ease of welding. One side was welded, then the grill turned around to do the other side



11) A 'seesaw' ash dump mechanism is made from 2 leftover pieces of angle iron, a piece of flat 1" bar and a round flap of 22 gauge or 18 gauge sheet steel.

1 piece of angle iron is used as a bracket and is welded to the pipe. A hole is drilled and a nut and bolt are used at the pivot point of the seesaw. The other piece of angle iron piece, on the left, is welded to the flat bar to form the weight that normally keeps the flap closed, unless lifted by the toe of your boot. The flap, welded to the other end of the flat bar, then opens to dump out ash.

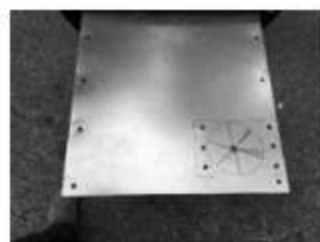


12) Most of the hard work is done and it is no longer a grill. So let's start calling it a forge. Spray paint the outside of the forge's pipes, ash dump and any outside screw heads with heat resistant matt black paint. *Note do not paint the fire pot inside the forge as that's where your fire goes !*



Note: Steps 13-16 place the blower on top of the shelf. You may choose to mount the blower directly onto the side pipe. A safety cage over the squirrel cage opening is recommended.

13) Next, use a 12" by 12" piece of 22 gauge steel for the shelf and manifold for the blower. Mark and drill holes for mounting on the shelf supports. Use the blower to mark where it will be mounted, and draw a 3" diameter circle and mark 'pizza slices' to be cut to attach to the duct elbow.



14) Use snips to cut and bend the 'pizza slices' on the bottom side of the sheet to create a connection for the duct elbow.



15) Use a combination of epoxy glue and aluminum tape to attach one of the duct elbows to the side pipe. Attach and glue a 2nd elbow to the first one and then cut a piece of the flexible duct hose and use it to make the final join to the underside of the shelf. Tape all joins. Then secure the shelf to the brackets with nuts and bolts. Spray paint the shelf and the duct work.



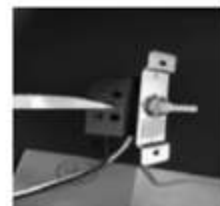
16) Use nuts and bolts to mount the blower on to the shelf. Then drill holes and use nuts and bolts to attach the two electrical outlet boxes to the front of the side shelf brackets.



17) Cut off just the female plug end of the extension cable and strip the 3 wires. Follow the wiring diagram which came with the speed controller to wire it with the switch to the blower. *Note that the diagram here shows which connections are made with wire nuts in the two outlet boxes.*



18) Also note that when you are ready to test the blower there is a tiny low speed adjustment screw in the body of the controller, which can be reached with a small screw driver or knife tip. Adjust it so the blower barely moves at the lowest setting. This will give you a range of speeds from very slow to full speed.



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19) Install the covers for the speed controller and the outdoor switch cover to the outlet boxes.

Note use tie wraps or electrical tape to tidy up the wires behind the boxes, and tie wrap or tape the cable to one of the screws at the back so there will be no tension on the connection if the cable is pulled.



20) Make a hanger for the extension cable by bending one of the brackets that came with the grill, or use some stiff wire to make a hanger. Drill holes and attach to the side tray.



21) Assemble and attach the lid. Drill a hole through the support bracket for the chimney and attach the circular piece cut out from the bottom of the forge, with a nut and bolt.

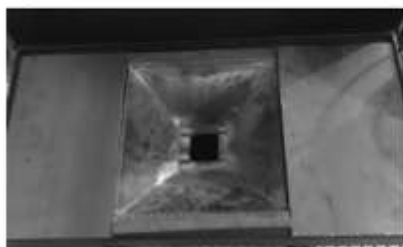
Note you could install the chimney piece that came with the BBQ if you prefer.

22) Attach the metal handle (bought from Lowes or other) to the left side of the bottom half of the forge. This will be used to lift and move the forge.



23) Place the two 3/16" steel plates, one either side of the fire pot. Trim or grind them to make sure they fit flush so that coal can easily be raked into fire pot.

Note you could tack weld them in place, if needed.



24) To stop coal from falling into the pipe, cut 3 pieces of rebar to 3 1/2" long and weld them into the bottom of the fire pot with approximately 3/8" gaps between them.



Note I did not design or install a clinker breaker. When in use be sure to rake out clinkers when they impede air flow.

25) The forge needs a front metal shelf for supporting hot pieces and somewhere to lay down your tools.

Use #10 nuts and bolts and the 4 large washers to attach the metal grill (that came with the BBQ) to the front brackets.

Finally, install the wheels.



Now everything is DONE and your forge is ready for coal and your creativity !



Enjoy your forge!
Tony Fenn
www.fishnchipsfoundry.com



Aspery, in Glen Rose, Texas Nov. 11-12-13, 2017

Information and reservations:

Ron Stafford 209-610-3448

hotshuz002@Gmail.com

This will be the third year we will have one of the most respected and capable blacksmith educators in North America, for a hands on clinic with you. Mark is the former editor of ABANA's **Hammer's Blow** magazine. He authored three volumes of **Mastering the Fundamentals of Blacksmithing**. Mark was 2014 recipient of the prestigious BEALER award.



“Old School” - training for the blacksmithsmith.

This clinic will cover many techniques associated with Marks popular Old School series. As always, Mark will start with calculations, techniques, and a demonstration. After which you will reproduce the tools or forged item.

Prepare to Learn

Mark Aspery will conduct a full participation, hands on clinic. Come prepared to work at the anvil and learn. You will bring your own set-up, anvil, fire, water bucket, basic hand tools, etc. Bring your shade "Easy Up", big hat, etc.

We may have some set ups available, however they must be reserved early to guarantee availability.



Accommodations:

This clinic is being conducted on a pecan covered property in Somervell County near Glen Rose, Texas. This is a tourist town and numerous motels are located just 5 miles away. Camping your thing? There is lots of room for you to park your camper or pitch your tent. Dry camping at no charge. We try to accommodate your needs where possible, so if you have any questions please ask.

Cost and Information:

The fee for the three day clinic will be \$450. (*Discounts for early entry apply. Pay by September 30th \$400, a savings of \$50.00.*) For those with limited time, the daily rate is \$150. For reservations and information please contact Ron Stafford:

209-610-3448

hotshuzoo2@Gmail.com

Bill Davis Forge Welded Tomahawk

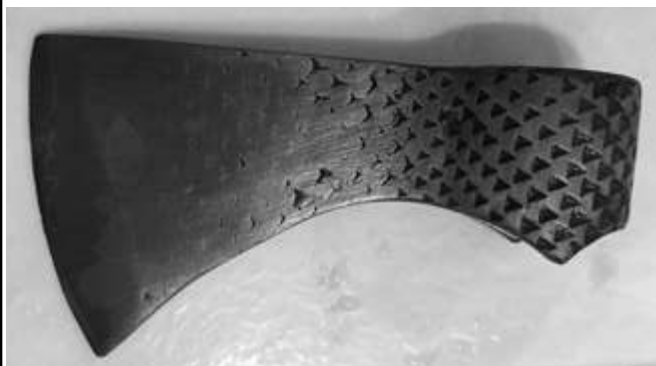
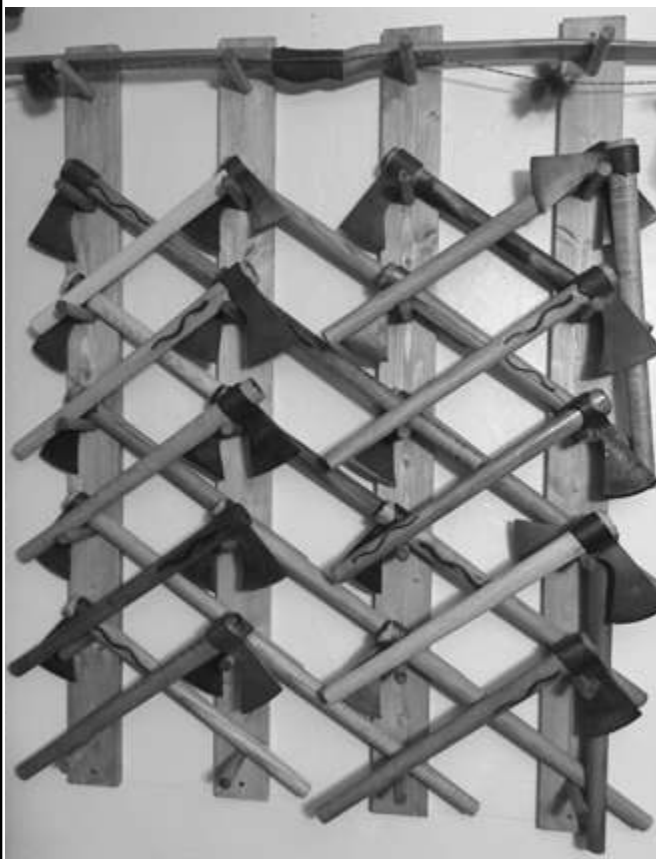
DVD Now Available in SCABA Library

Long time Saltfork member Bill Davis makes a really nice forge welded tomahawk out of a farrier's rasp - and he has made a LOT of them.

President and Librarian, Doug Redden, if you would like to get a copy of this DVD.

Doug Redden 918-230-2960 or doug.redden2@att.net.

- Editor



Saltfork President Byron Doner recently went to Bill's shop in Fletcher to video Bill making one.

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 Vice



SCABA Shop and Swap

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.

Contact: Craig Guy (SCABA Member), Piedmont, OK

Cell Phone: 405-630-7769 (Call or Text)



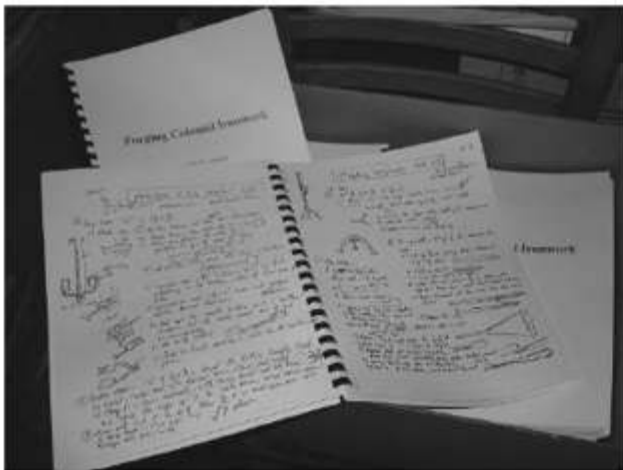
Post Vice,
Forge Blowers and
Lever-Type Forge
Call for Pricing...



SCABA Shop and Swap

Forging Colonial Ironwork

Master blacksmith Jerry Darnell's book *Forging Colonial Ironwork* is a compilation of over 22 years of teaching notes at the John C. Campbell Folk School and various conferences throughout the US. It has about 120 pages both sides, divided into 4 chapters Colonial Lighting, 18th Century Hearth Equipment, Early American Hardware and Hooks and Hangers. There is a mix of projects from simple to advanced.



Forging Colonial Ironwork II

This book is the same format as the first and third books but has 65 completely new projects!



Master blacksmith Jerry Darnell
has completed his third book!

Forging Colonial Ironwork III

It is in the same format as Book I and Book II,
with some very challenging and unique projects.

Contact Information:

Jerry Darnell
Mill Creek Forge
4512 Busbee Road
Seagrove, NC 27341

Email: forge_on@rtmc.net

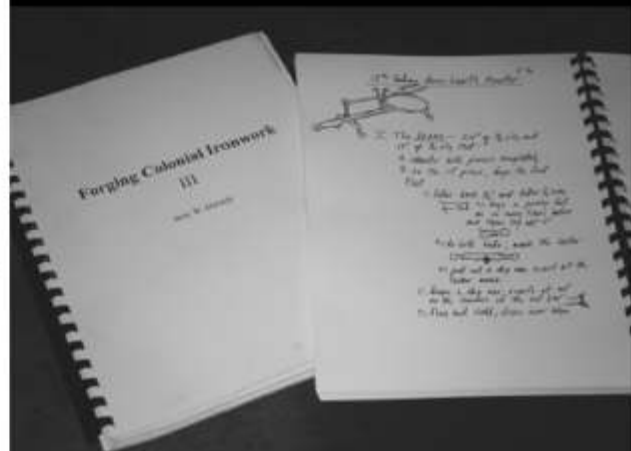
Website: www.millcreekforge.com

Phone
(910) 464-3888 (Shop) (910) 464-2636 (House)

Mail a check or call to order by Visa/MC

These three books are all the same price

\$20. plus 6.75% tax
and \$10.00 for shipping and handling.



SCABA Shop and Swap

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.

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

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.

Contact Diana Davis at
Diana.copperrose@gmail.com

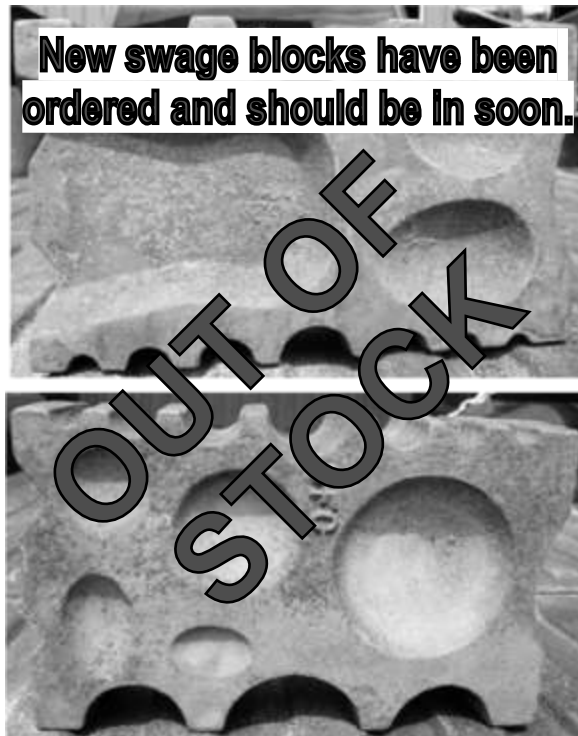
SCABA Swage Blocks

\$150.00 plus shipping.

(Same price to members and non-members.)

Contact Bill Kendall for more information.

New swage blocks have been ordered and should be in soon.



SCABA Floor Cones

\$200.00 plus shipping.

(Same price to members and non-members.)

For more information, contact Bill Kendall, Byron Doner (Contact info inside front cover) or

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

405-307-8031 or 800-460-6759.



SCABA Shop and Swap

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 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.

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: 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.

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.

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

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.



Wanted:

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

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, 2017 to March 31, 2018

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, 2018

Signed: _____

Return to: Saltfork Craftsmen, P.O. Box 18389, Oklahoma City, Ok. 73154



Saltfork Craftsman Regional Meeting Hosting Form

Region _____ NE _____ SE _____ SW _____ 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.
P.O. Box 18389
Oklahoma City, Ok. 73154

Non Profit Organization
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