

# Saltfork Craftsmen Artist-Blacksmith Association

July 2012



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

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

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**Visit our Saltfork Craftsmen Website:**  
[www.saltforkcraftsmen.org](http://www.saltforkcraftsmen.org)

**Notes from the Editor:**

I hope everyone is having a safe and productive summer so far. The weather is starting to get dangerously hot. I hope everyone is taking their heat related precautions. I don't think we have any burn bans going but it won't be long. Everyone be careful with their fires any maybe we can avoid what other states to the west are dealing with.

There has been a lot of confusion here lately about who is hosting a meeting, location etc and it has this editor pulling my hair out trying to find a solution to the he said, she said, system we have used in the past. Before, if you wanted to host a meeting ( and didn't email me direct) you told one of the directors of your region and they got what information you gave them at the time to me (which usually was your name and date) and hopefully your called or email the rest of the info to me in time to get it in the newsletter 30 days before the meeting. I have come up with a possible solution to this problem. From now on the host will be solely responsible for getting the information to me. I have created a simple form that the host will fill out completely and email or mail to me. The meetings will not be considered booked until the host receives a confirmation back from me letting them know that the date has been held in their name. (This is for meetings not yet on the calendar). This form is already available on the website and will be in each newsletter. I hope that if you want to host a meeting you will fill out one of these forms and get it to me.

I hope some of you are planning to go to the ABANA conference and if so will bring me back some pictures. Also I have chances on the tool box, so hopefully you will be bringing it back for me.

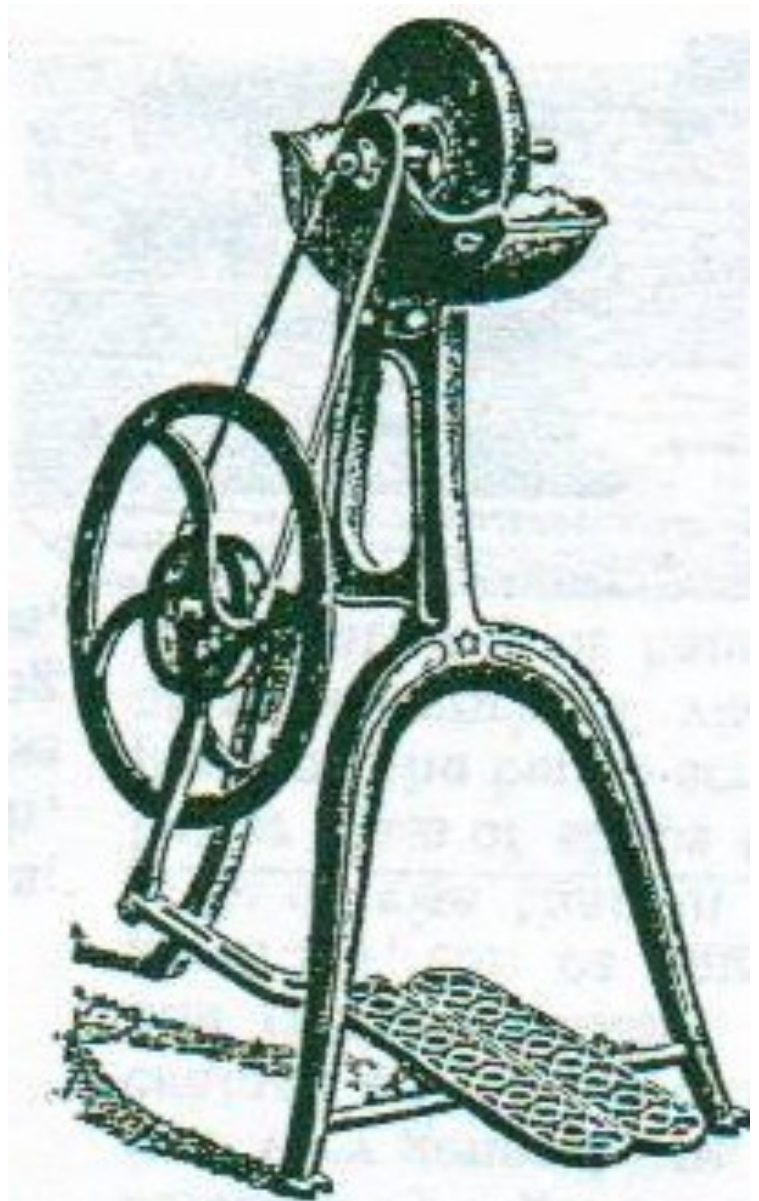
Editor



Notes from the President....

Sec-treas. Dan Cowart has been Hospitalized for 18 days suffering from a twisted small intestine. Dan is home now (6-24-2012) and recovering. This incident followed another incident where Dan's wife had to be life-flighted to Tulsa hospital. Dan may have fallen a bit behind in his sec-treas. duties during these family emergencies. But knowing Dan, I believe he will be caught up soon if he's not already.

Gerald Brostek  
President  
Saltfork Craftsmen ABA



## SOUTH CENTRAL REGIONAL PAGE

### Meeting dates

#### January 21, 2012

Host: Byron Donor

Phone #

Trade item: heart candleholder

#### February 18, 2012

Host: Gerald Franklin

Phone #: 580-252-6002

Trade item: feather

#### March 17, 2012

Host: Bob McKelvin

Phone #

Trade Item: pitchfork with three tines

Lunch: Hot Sandwich, bring a side dish/desert

#### April, 2012 (ANNUAL PICNIC)

Host: Byron Donor

Norman, Ok.

#### May 19, 2012

Host: Linda Morefield

Phone #

Trade item:

#### June 16, 2012

Host: Larry Mills

Trade items anything with three scrolls

Lunch: provided, bring a side dish

#### July 21, 2012

Host: Richard Simpson

Phone # 405-344-7413

Trade item: Campfire tool

#### August 18, 2012

Host: Charles McDevitt

Phone # 580-439-8931

Trade item: something from a horse shoe

#### Sept. 15, 2012

Host:

Phone #:

Trade item:

#### October 20-21, 2012

SCABA Conf. Perry, Okla.

#### November 17, 2012

Host: Bill and Diana Davis

Phone #: 580-549-6824

Trade item:

#### December 15 2012

Host:

Trade item;

Phone:

The meeting for the S/C region was hosted by Larry Mills at his shop in Norman. Larry is a returning member. He has been absent for a while and we are glad to have him back with us. He is a great smith. He had one gas forge fired up most of the day and several young men took advantage of both the forge and Larry's instructions to learn some basic skills.



Larry is working to open a gallery of ironwork and other crafts. He has a nice start already. Below are some of the pieces he has on display..



There were only a few trade items but they were all nice ones.



## NORTH WEST REGION

### January 28, 2012

Host: Ron Lehenbauer

Phone#

Trade item; punch/chisel/tool for shop in Fairview

### February 25th, 2012

Host: Mandell Greteman

Phone #

Trade item: eye punch

### March 24, 2012

Host: Eddie Horton

Phone #:

Trade item; Campfire Tool

Location; Fort Supply

### April 28, 2012

Host: Tom Nelson (held in Perry at the

Phone #

Trade item:

Lunch: Sack lunch or on own

### May 26, 2012

Host: Fred Voss

Phone #

Chisholm trail museum in Kingfisher

### June 23, 2012

Host: Gary Seigrist

Phone # 580-225-3007

Trade item; something made from horseshoe

### July 28, 2012

Host: Don Garner

Phone # 580-661-2607

Trade item: Hardy tool

Fairview shop

### August 25, 2012

Host: Bob Kennemer

Phone # 580-225-3361

Trade item: cooking Utensil

### Sept. 22, 2012

Host: Ron Lehenbauer

Fairview Threshing Bee

Trade item;

### October 20-21 2012 State conference

### November 24th 2012

Host: Roy Bell

Lunch:

Trade item: bell

### December 22, 2012

Merry Christmas

The May meeting was hosted by Fred Voss at the Chisholm trail museum in Kingfisher. Because it fell on a holiday weekend, the turnout was light. I understand that only 3 members came by. Hopefully Fred will host another meeting on a better weekend.

I need to correct a mistake in last months newsletter. It was pointed out to me that I had put that Tom Nelson had hosted the May meeting but he had actually hosted the April meeting. When the meeting fall on the last weekend of the month the newsletter has already gone to print before the meeting takes place. This means that sometimes reports for two meeting for the same region are in the newsletter and it makes it interesting to keep detail in their proper place. (I Apologize for any confusion this may have caused.)

I feel that if someone goes to the effort to host a meeting then they deserve to have it in the newsletter. Sometimes I can't get any information sent to me. The host has gone on to other things, glad that it is over and doesn't think to send me anything about the meeting. If you attend a meeting (whether or not you were able to take any pictures) please send me your opinion of the meeting. Was it great, lousy, too hot, too cold, etc. Hopefully you had a great time, learned a lot of new things and are looking forward to another meeting at this host shop.

## Northwest Meeting at Elk City

Gerald Franklin

The June 2012 Northwest Regional meeting was held on the 23rd at the Route 66 Museum Blacksmith Shop in Elk City. Gary Seigrist was the host. The trade item was something from a horseshoe. We had about eight or nine trade items on the table with some being made there at the meeting and a few made ahead of time and brought to the meeting. I didn't take a camera so I don't have any pictures to share. I'll try to do better next time.

I didn't count people at the meeting but I'd guess there were about thirty head of folks there. Several were there from Texas, Ed McCormack from Okmulgee (NE Region) and me from the S/C Region. Everyone else was from the NW Region.

Gary Seigrist and crew treated the crowd to a good lunch of hamburgers, hot dogs, and hot links. We ate really well and we appreciate Gary going to the trouble to feed us.

The next NW meeting will be at the Fairview Shop hosted by Don Garner on July 28th. The trade item will be a hardy tool. Plan to be there because it will surely be another good 'un.

## SOUTH EAST REGION

### January 7th 2012

Host; Bill Phillips

Phone:

Lunch: provided, bring side/desert

Trade item: steak turner

### February 4, 2012

Host: Eddie Horton ( Ft. Towson)

Phone #: 580-873-2634

Trade item: Heart

### March 3, 2012

Host: Eddie Horton (Ft. Towson)

Phone #: 580-873-2634

Trade item: Leaf or Flower

### April 7, 2012

Host:

Phone #:

Lunch:

Trade item:

### May 5, 2012

Host: Bill Phillips

Phone #

Lunch: provided, bring side/desert

Trade item: spoon

### June 2, 2012

Host: Ronnie Smith

Phone:

Lunch: provided, bring side/desert

Trade item: critter

### July 7, 2012

Host:

Phone #:

No meeting scheduled

Lunch:

Trade item:

### August 4, 2012

Host: Eddie Horton (Fort Towson)

Phone #:

Lunch: Mr. Wallace Dutch oven cooking

Trade item:

### Sept. 1, 2012

Host: Bill Phillips

Phone:

Lunch: provided, bring side/desert

Trade item; knife

### October 20-21, 2012

SCABA Conference

### November 3, 2012

Host:

Phone #:

### December 1, 2012

Host:

The June meeting for the Southeast Region of the Saltfork Craftsmen was hosted by Ronnie (Hammersmith) Smith at the Construction site for the "New Hope Boys Ranch". It is out in the woods near Dow, Oklahoma.

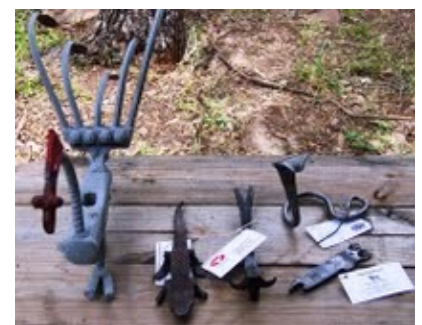
We all pitched in to help Ronnie clear the area of several ticks and chiggers. I found that I had taken home two nice big ticks and chiggers as I am still scratching.

Michael Smith pointed out to me a large round rock that appeared to be part of a petrified tree and I found it very interesting and estimated it to be at least as old as me.

I think there were about 16 of us and some nice trade items. We had hot-dogs, burgers, cake, cookies and all the fixins.

By Gerald Brostek

Saltfork Craftsmen President



I show no meeting scheduled for July for the SE region.  
Don't forget the August meeting hosted by Eddie Horton at Fort Towson. Always a lot of fun.

## North East Regional meeting

Mike Krukoski and his daughter Elora graciously fired-up the forges and their stove to host the North East Region's June meeting.

We had two forges burning all morning with several good smith's sharing some of their techniques and talents.

James Maberrie and Tracy Cowart were showing us easy ways to create a rose from a welding rod and Chuck Waite gave me a lesson on how to create a heart from a piece of round stock.



It was a perfect day of sharing and camaraderie and topped off with a awesome barbecue dinner and many fine deserts.

Thanks again to Mike and Elora for opening up their home for the North East Regions meeting  
Charlie Willsey



## NORTH EAST REGION

### January 14, 2012

Host: Bill Kendall  
Phone # 918-742-7836  
Trade item: ladle  
Lunch: provided, (possibly chili), bring a side/desert

### February 11, 2012

Host: Gary Gloden  
Phone# 918-321-5015  
Trade item. leaf  
Lunch: provided, bring a side dish or dessert

### March 10, 2012

Host: Dan Cowart  
Phone: 918-440-0653  
Trade items: spoon, fork or knife  
Lunch: provided, bring a side dish

### April 14, 2012

Host: Omar Reed at Fort Gibson  
Phone: 918-478-4088  
Trade items: cooking item  
Lunch: provided, bring a side dish

### May 12, 2012

Host: Ed. McCormack  
Phone #: 918-733-9844  
Trade item; something made from horseshoe  
Lunch: provided, bring a side dish

### June 9, 2012

Host: Mike Krukoski  
Phone # 918-789-2484 or cell 636-297-0329  
Trade item:  
Lunch: supplied, bring a side dish

### July 14, 2012

Host: James Erb  
Phone # 918-425-4632  
Trade item; Camp fire tool  
Lunch: hamburgers/hot dogs, potato salad, cole slaw

### August 11, 2012

Host: Omar Reed and Gerald Brostek at Ft Gibson Historical site  
Phone# 918-687-1927  
Trade item whatever you want to make  
Lunch: Provided/ bring a desert

### Sept. 8, 2012

Host: James Maberry  
Phone # 918-440-0653  
Trade item: something with a leaf on it  
Lunch: supplied, bring a side dish

### October 20-21 2012

#### State conference

### November 10, 2012

Host: Matt Goyer  
Phone # 918-272-8424  
Trade item:  
Lunch: lunch provided, bring a side dish

### December 8, 2012

Host: Charlie McGee  
Phone # 918-245-7279, cell 918-639-8779  
Trade item: ladle  
Lunch: provided, bring a side dish

## Demo opportunities:

- ◆ Pawnee Bill's Wild West Show held annually the last 3 weekends in June at the Ranch Site museum. Located on the west edge of Pawnee, Ok. Saltfork has had a blacksmith or two every weekend at the event for many years. It is a fun place to demo as well as enjoy the side and main shows. Smiths can bring their own forges and tools, there is a good place to spread out in the shade just outside the old Pawnee Bill Ranch blacksmith shop. The original shop is open for our use as well. Bring a portable box fan if you plan to use the shop forge. You will need to bring your own project steel and coal for the day. Come join the fun on Saturday June 16, 23, or 30.

June 16– Tom Nelson will be blacksmithing

June 23– Chuck Ogden will be at the forge

June 30– Jim Carothers will be hitting it hard.

The museum contacts for the event are Erin or Ronnie Brown [ebrown@okhistory.org](mailto:ebrown@okhistory.org) or 918-762-2513

- ⇒ SCABA will once again be forging in the “Centennial Frontier Experience” at the Oklahoma State fair in Oklahoma City. Diana Davis and Byron Doner are the Chairpersons for this event. As soon as we have the dates a sign up sheet will be available for those wishing for participate. All participants **MUST** agree to the rules set down by SCABA and the Fair board.

Saltfork members Jim Carothers and Tom Nelson were enjoying the Hardin Heritage Day Celebration on May 5th 2012. Here are some pictures of the event.





## Ray Kirk shop tour

About 80-90 people showed up for the KGA shop tour in May. KGA host shop tours several times each year. Here is a link to some of the pictures and videos <https://s124.photobucket.com/albums/p24/raykirk/KGA%20tour%20May%2012%20%202012/>

The weather this year was wonderful. It had rained a little earlier that morning and was enough to cool things off for the demo's.

I started off with the forging while it was still cool, I think it was cool. I was able to do the knife steps from forging to putting the handle on.

Just before lunch , Harry Fentress did a demo of forging nails with a bit of hands on by Calvin Harkins Grandson. I forgot his name but this is his second trip here and he did a good job on the nail.

For lunch we had a Cherokee Hog Fry. Tony Hadley did the cooking of the pork and potatoes, he used his cast iron pot with oil and water to cook the meat. It was delicious and was a first time for several of the attendees.

Along with all the side dishes, there was plenty to go around and everyone had a great time. The tail gate sales were plentiful and did look like they were busy.

During lunch, Tommy wildcat had accepted my invitation to play his flute for us. Tommy has several CD's out and works at the Cherokee village year round. The Village is located in Park Hill, Ok. Just south of Tahlequah.

After lunch we had the drawing for the tickets for the Iron In the Hat. Thanks to all who donated items for this as this is the mail way we fund our activities. There was a bit more than enough to pay for all the food and toilets.

Newt Livesay did a Kydex demo after the drawing. Newt showed how he molds the Kydex and what to use for a press. I wish I had gotten to watch it more. Gary Crowder did the last demo and that was file work. He had examples of his work and showed the equipment he uses to complete the file work. He also showed a few of his techniques for making the file marks consistent.

I want to thank all those who attended and a big thank you to the demonstrators. We would like to have a "Company Picnic" this summer at one of the lakes some where close to between OKC and here. That way we could get a few more people to attend.

The October shop tour date hasn't been set yet and I need some suggestions for demo's. If there is anyone that would like to show the group a different way of doing things, please let me know. If there are any demo's that someone would like to see, also let me know.

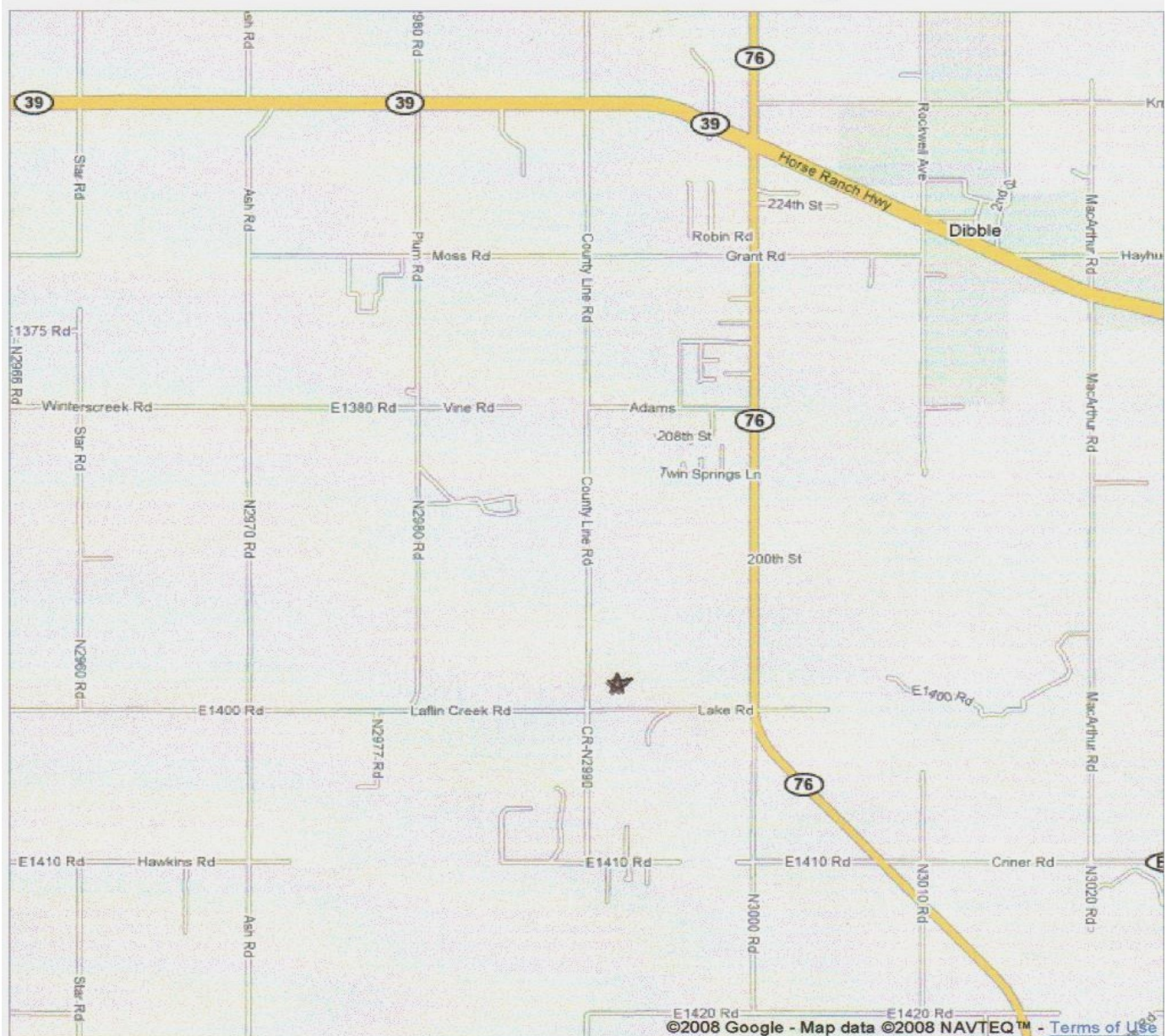


Ray Kirk

[www.rakerknives.com](http://www.rakerknives.com) KGA  
Sec/Treas



## Maps to meeting.....



Directions To Richard Simpson - From 38 and 76 junction:  
go South 4 1/2 miles (190th) turn and go 1 mile west -  
Turn North (Right) about 200 yards turn into 1st drive  
on East Side of Road - Watch for Signs - House has  
a cow skull with "19046" Painted on it.  
Call Richard if you get lost. 405-344-7413

More maps..

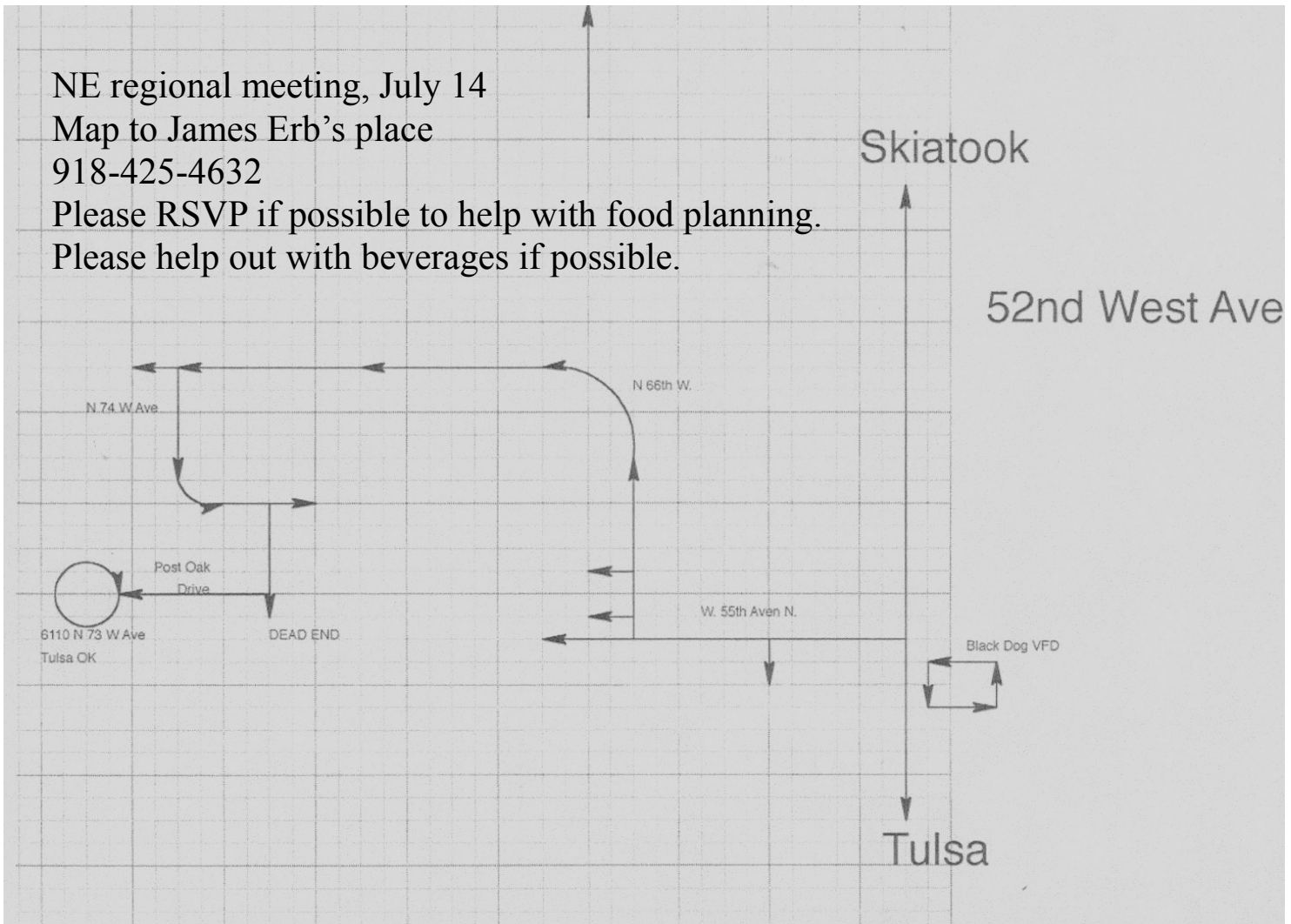
NE regional meeting, July 14

Map to James Erb's place

918-425-4632

Please RSVP if possible to help with food planning.

Please help out with beverages if possible.



NW Regional meeting Location:

Hosted by Don Garner at the Major County Historical Complex located a couple miles east of Fairview on the highway.

## Workshop Schedule 2012

Gerald Franklin

The 2012 workshop schedule has been fleshed out. Take a look at the following list and mark your calendar for any workshops that you think you may want to attend. Enrollment will open on the 10<sup>th</sup> of the same month the workshop is being held. Complete enrollment information will appear in the newsletter the month before the workshop is scheduled.

March 31, 2012—**Basic Blacksmithing Workshop** at Elk City in the Route 66 Museum Blacksmith shop. Instructors are Don Garner and Dorvan Ivey. Cost is \$20.00 which includes materials and lunch. Sign up open immediately. Contact Bob Kennemer to register. 580-799-1878 or 580-225-3361

March 31, 2012 – **Basic Blacksmithing Workshop** at Bill Kendall’s shop in Tulsa. Instructors will be Bill Kendall and Dan Cowart. Enrollment opens at **NOON on March 10.** Email Dan Cowart (ddcowart@gmail.com) then to get your name on the list. You may also call Dan at 918-440-0653. Again, you won’t be able to enroll before **NOON on March 10.** Cost: \$20.

⇒ June 30, 2012 – **Decorative Punch Workshop at Gerald Franklin’s shop near Duncan, OK. Learn to make and use various punches and chisels to enhance your work. This is a “cold shop” workshop with no forge work. Class size will be limited to ten students. To give everyone a chance to get the word about the class, enrollment will not be taken before 12 noon on June 5th. Enroll by emailing Gerald Franking at franklin@myrhinomail.com or by calling 580-467-8667 Cost is \$10. which includes materials and lunch.**

September 29, 2012 – **Veining Hammer Workshop** at the Major County Historical Society’s shop in Fairview, OK. Mike George will guide you through forging a veining hammer for use in repousse’ and leaf work. Enrollment info will be in the August and September newsletters. Cost: TBA.

This page will be in each newsletter as a reminder of the workshops that are available to the membership. Please take note of the locations, registrations times and cost for each.

## ***T-SHIRT DESIGN CONTEST***

We are having a T-Shirt design contest to come up with a T-Shirt for the Perry, OK Conference in October. Below is the design from last year.



The design must include:

Saltfork Craftsmen Blacksmith Conference

16<sup>th</sup> Annual

October 20 and 21, 2012

Perry, Oklahoma

Save the file as a jpg if you create a design. Include your name, address, phone number and E-mail with your submission. You may send a CD or E-mail your work to:

SCABA

10380 N. 4010 Rd.

Wann, OK 74083-2014

ddcowart@gmail.com

918-440-0653

The deadline is July 13, 2012.  
winner will receive a monetary award

Demonstrators for the 2012 conference are Lucien Avery and Eric Ryser.

*Hurry time running out...*

# BEGINNER'S CORNER: THE RIBBON SCROLL

by Mark Aspery ~ Springville, California

This article covers the manufacture of traditional scrolls. As such, these scrolls are of a bygone age and their use on ironwork of today needs to be questioned. Some clients will request scrolls purely because they don't know that they can get anything different.

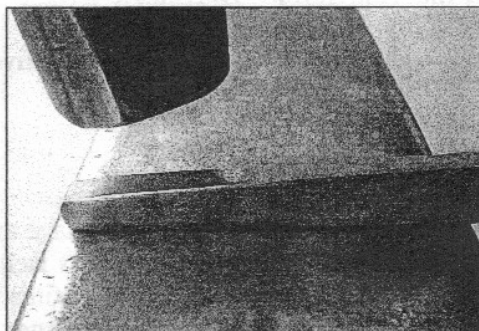
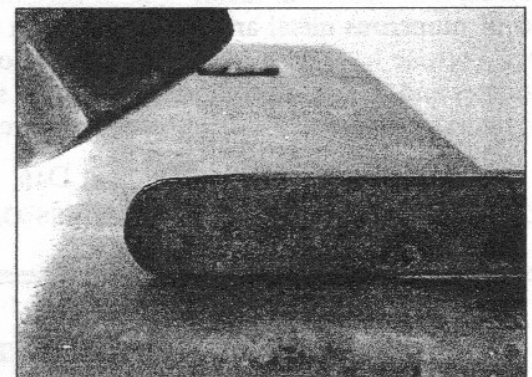
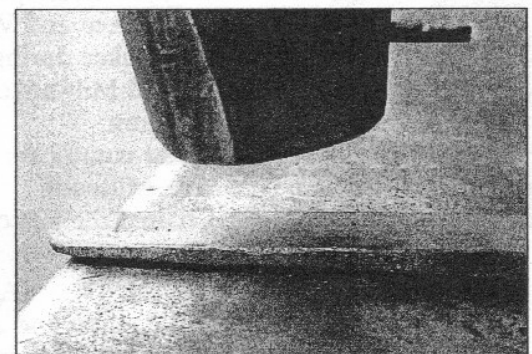
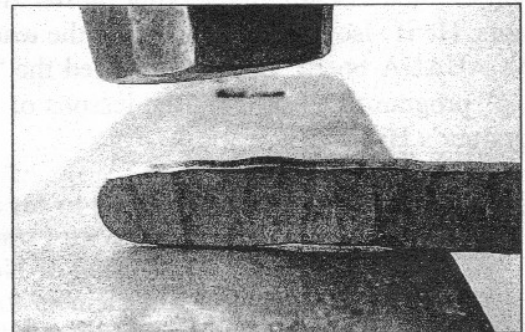
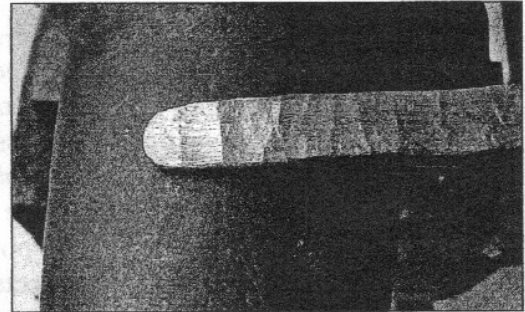
*The skills required to make these traditional scrolls are invaluable. If you can control a scroll as you make it, then you can control other more contemporary forms as well.*

## The Ribbon Scroll

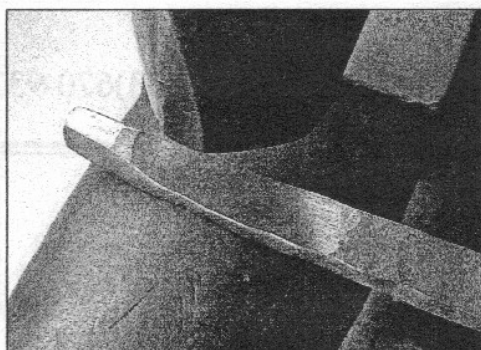
The ribbon scroll is nothing more than a chisel tip on the end of a bar. The stock used for this example is 1/4-inch by 3/4-inch. If you were to just flatten the end into a taper, the end would be much wider than the bar. If you now tried to correct this excess of width, the end of the bar would take the path of least resistance and fold.

To compensate for this, it is first necessary to take the weight out of the end before you spread the bar. In this way, there is not enough material in the end of the bar to spread much wider than the width of the parent stock and any corrections should be slight.

First, reduce the weight (figs. 1 & 2) then flatten on the bick (fig. 3). Finally dress the taper on the face of the anvil, first along the edge, and then on the flat (figs. 4 & 5). Finish by forging the end into a half round (fig. 6). A long taper into the end of the bar helps this scroll look delicate.

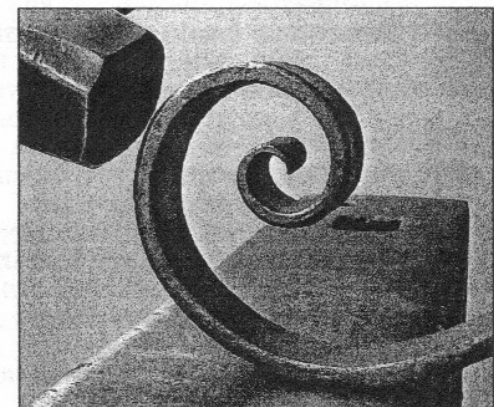
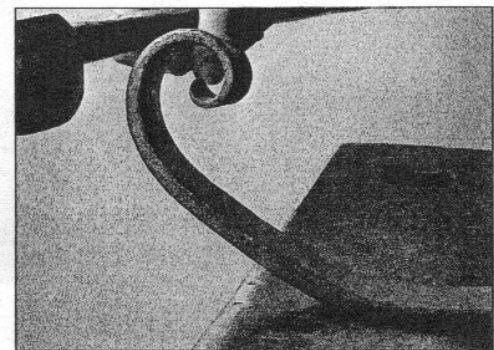
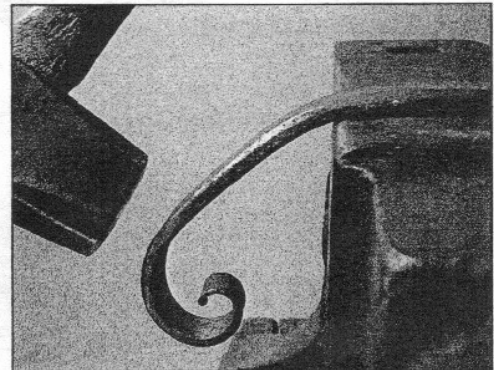
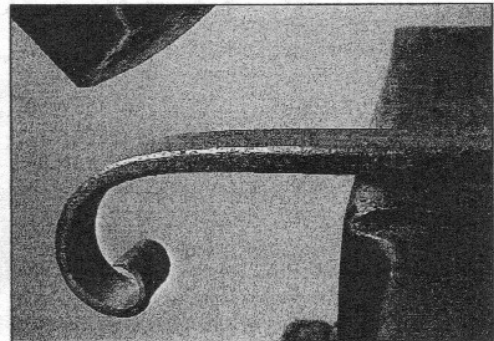
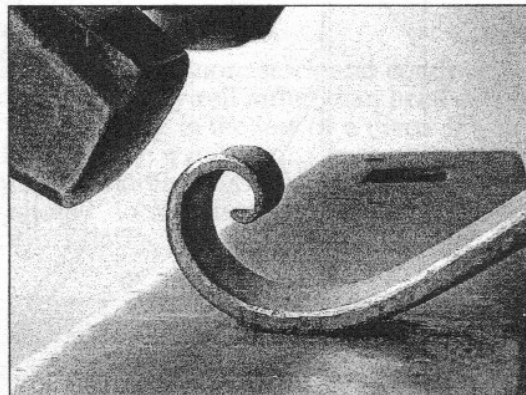
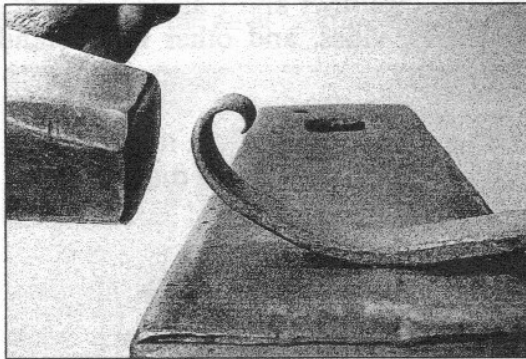


figs. 1 & 2



figs. 3 - 6 above

Now squeeze this section between the hammer and the anvil face. Starting with your hammer and the bar-stock opposing each other, gradually lift up the bar and change the direction of your hammer blow so that they both approach vertical on the anvil (figs. 18 & 19 below).



Going back to the example of the small bar in the vice, we found that too much force (which could be converted to a gentle force applied too many times) caused too great of a bend. Too little force (or not enough blows) and the curve will be too slight.

Blend this new curve into your existing scroll end and you are ready for the next section. Not so much of an initial bend this time and remember to increase the length of the section a fraction (figs. 20 - 23).

Correct any problems before you move on to the next section. Inertia can play a part in this procedure. If your entire scroll is hot and you start to form a new section, an existing section may be deformed due to inertia. If you see this happening, chill the existing scroll before you start the next section.

After you have forged the taper, knock off the sharp corners so that the taper fits in with the parent bar stock.

The initial part of the scroll will be made on the offside edge of the anvil. With the extreme tip of the bar just over the edge of the anvil, roll the end over the edge (fig. 7). This is a bending maneuver and you should not hear the sound of the anvil as you do this. If you hear the anvil, you may be chopping the bar into the corner of the anvil creating unwanted divets.

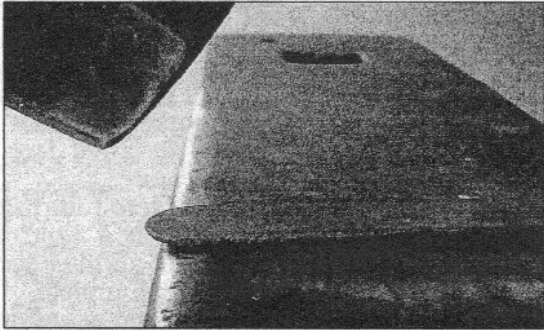
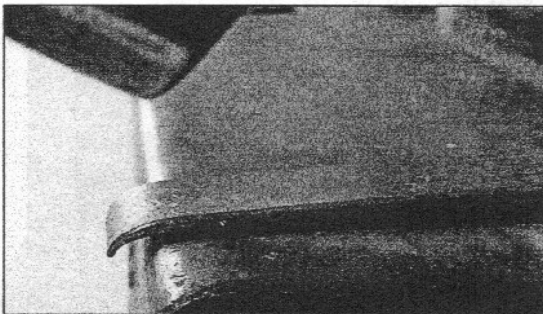


fig. 7

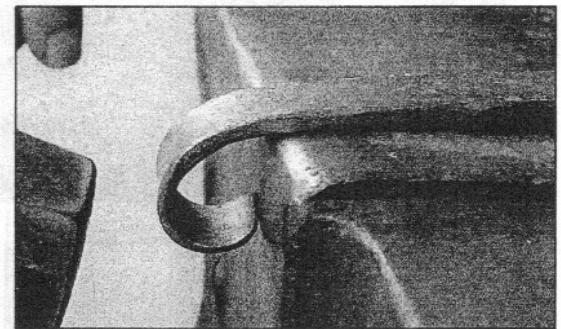
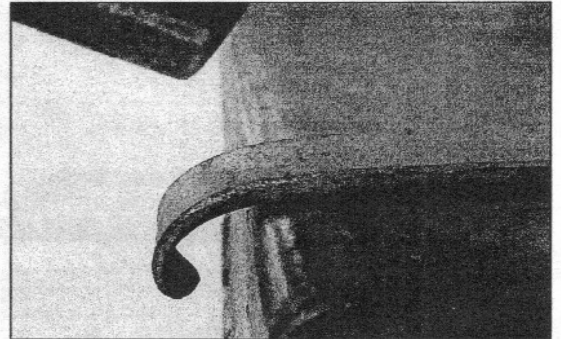
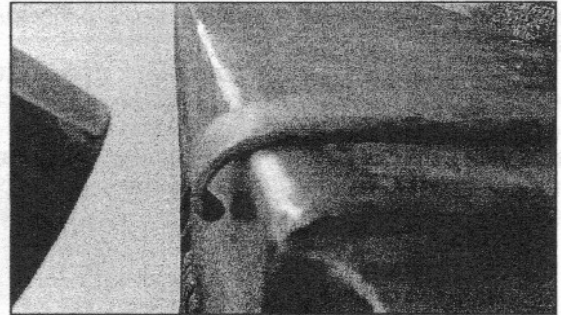
Slowly feed out more stock and continue to roll it over the edge. I say roll rather than bend as a bend to me means a kink in the line of a piece. If you can keep the tip of the scroll resting upon the side of the anvil you should be in good shape (figs. 8-12). The scroll should form automatically (after a bit of practice).



figs. 8 & 9



figs. 10 - 12 below



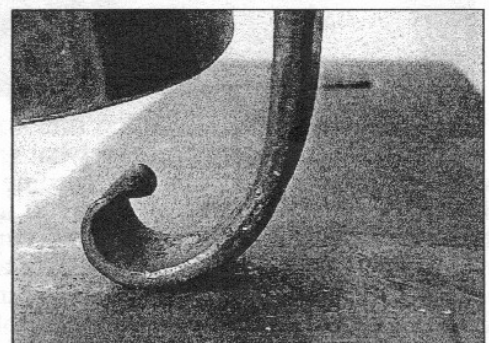
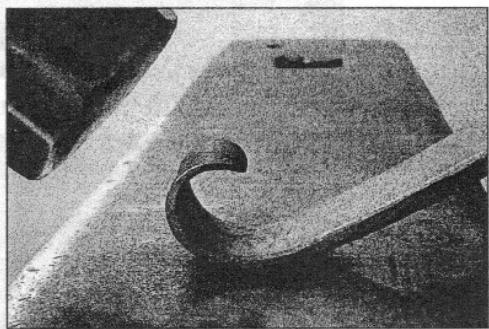
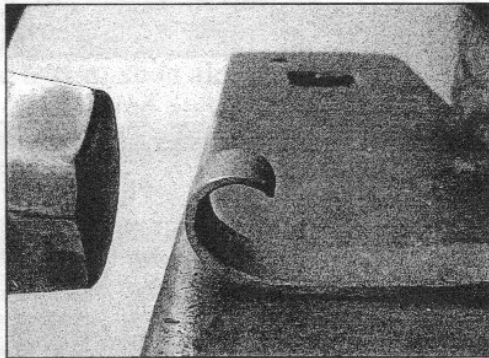
If you look at the physics of what is happening, then the actions may become a bit clearer. A taper to the end of the scroll means that any one place in the taper will be unique in size. It will be thicker than the bit just ahead of it and smaller than the bit just behind it. Knowing this, if you keep the force of the hammer blows at a constant, then the thin end will move a lot more than the thicker stock behind it. That forms a scroll.

It takes a bit more than that when the rubber hits the road and you go from theory to practice. If you have a flat spot on the end, you put too much stock out for your first blow or two. If you have kinks in the scroll behind the end, your feed was not smooth or you had an errant hammer blow.



Now you will have to adjust what you have just produced to get the best result that you can. The adage is "Never hit the same place twice on a scroll and do not hold the scroll in the same place on the anvil for more than one hit."

Move the scroll to the anvil face and start with the scroll and the hammer horizontally opposite each other. Start to tighten up the end of your scroll. Bring both the hammer and the scroll into a vertical position as shown in figures 13-15 below as you refine the end of the scroll.



I have found that the best form of practice is to have a number of tapered ends ready to scroll and then do them one after the other. If a scroll starts to go *pear shaped* on you, fix it straight away. If you wait until later to fix it, the correction will throw the rest of the scroll out. Try to identify what went wrong; I can hear your reply, "No kidding." What I mean is stop after every few blows and look at the result. What did you do to get that result, what could you do to improve the result next time? After you are happy with a few of the ends, it is time to move on

and continue the scroll.

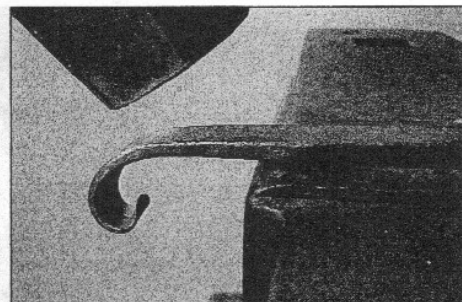
Lets go back to physics. Take a small piece of bar and put it inbetween the jaws of your vice. As you tighten the vice what will happen to the bar? It will bend. In fact it will make a nice curve until the jaws close too much and you get a kink in the bar. Now, relate the closing of the vice to a hammer blow - a little power causes a curve and an excess of power causes a kink. That's information we can use to finish the scroll.

You have formed the scroll end, but you have a lot of material yet to go Using the information we gleaned from the piece in the vice, lets divide the length of the scroll up into smaller sections and squeeze these smaller sections between the jaws of a hypothetical vice. The hypothetical vice will be created with one side being the anvil face and the other side being your hand hammer.

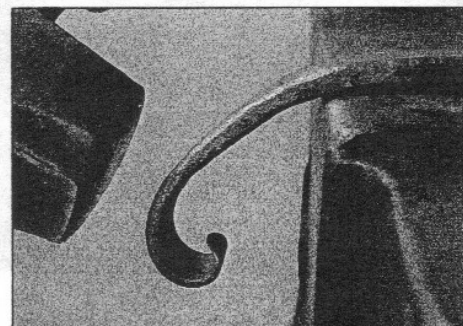
First, divide the remaining scroll into smaller sections. You will do this one at a time. Isolate a section and then curve it, isolate another section and curve that one until the scroll is complete.

You will start with small sections and increase the size with each new section. The smaller sections have to receive more of a curve as they are near the center of the scroll. As you approach the outside of the scroll you can take the largest sections, as they require the least amount of curve.

You can choose to do this next move over the offside edge or over the bick. With your already formed scroll end pointing towards the floor, push about 3-inches out beyond the anvil and bend the bar (fig. 16 below).



Looking at the result, you have a small section of bar between the already formed scroll end and the bend you just put in (fig. 17 below).



## Feeding the Army

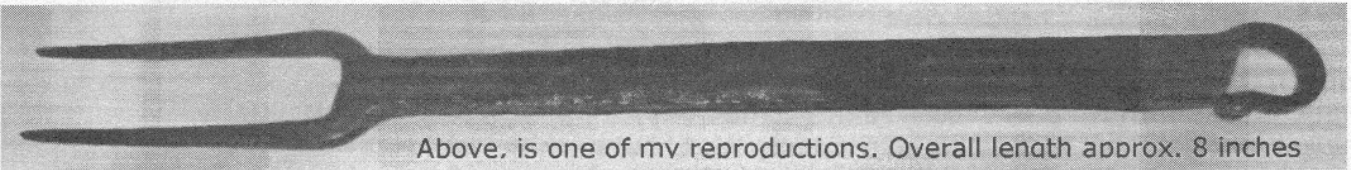
by Jymm Hoffman

photos by Abby Hoffman

See this project and others demonstrated at Hoffman's forge on March 13th.

Directions on page 11.

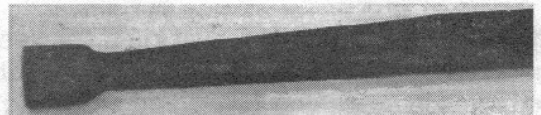
In the 18th Century, most soldiers' mess kit consisted of a wooden bowl, a tin cup, maybe a folding knife, and a spoon made from wood, horn or pewter. I had been making iron spoons and forks with a disclaimer to any authenticity, when an amateur archeologist friend of mine showed me some of the iron items from the route of Colonel Henry Bouquet's Army in Ohio in 1764. One of the iron objects that was in excellent condition was a 2 tine fork similar to what I had been making.



Above. is one of my reproductions. Overall length approx. 8 inches

Materials used to produce this: 3/16" X 1/2" X 7". For those attempting their first forks, it is easier to work with larger material, which is much more forgiving. 3/16" X 3/4" X 7".

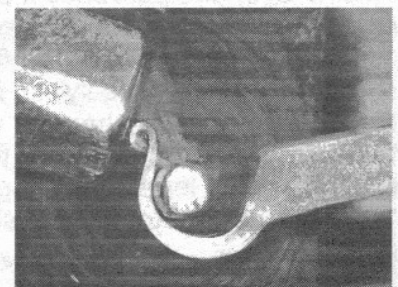
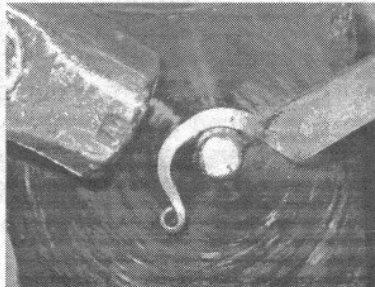
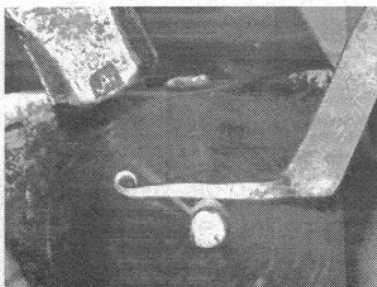
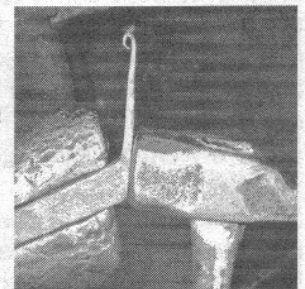
First Step: Mark the material at 7" with a nick on the edge from your hardie, then forge a two sided shoulder about 3/4 to 1" back from the end for the fork, and taper the rest of the material. Cut this off from the long bar and clean off the burrs. On the other end, forge a one sided shoulder (hammer face 1/2 on and 1/2 off the edge of the anvil) and a flat taper keeping the width the same thickness as the rest of the handle.

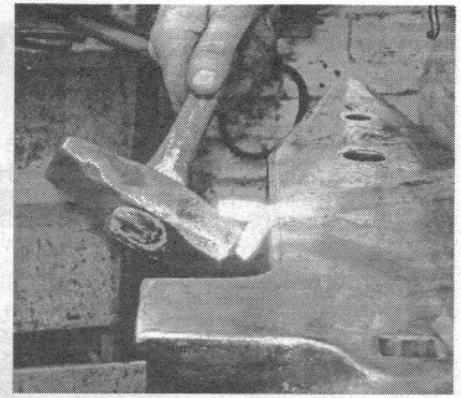
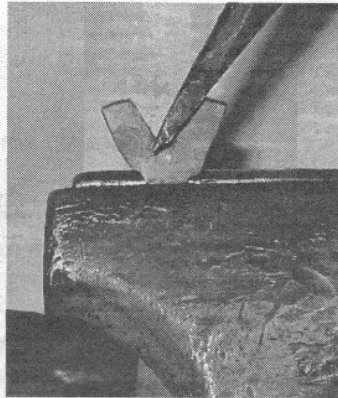
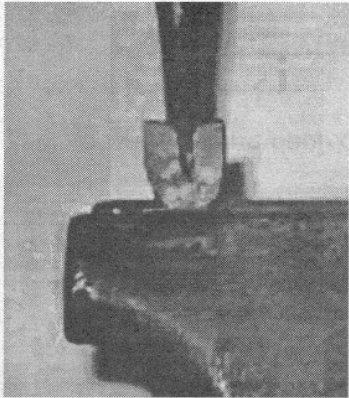


Make the little curl on the end. Start this over the edge of the anvil and finish it on the face.

Next, bend this part in the vise to prepare for making the loop. After it is heated, grip it in the vise with a little bit of the shoulder sticking out of the vise jaws. Bend and hammer into the corner at an angle. A little upsetting will occur with the resulting appearance that the taper was forged out at an angle. Do not make this a 90 degree bend!

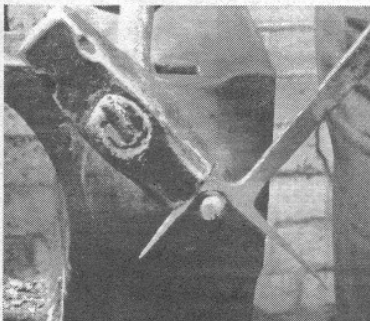
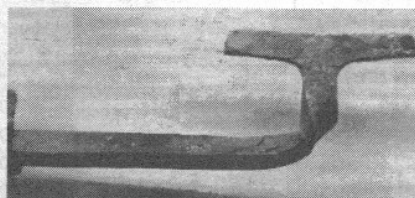
After heating, cool the curl as you would curl on a hook and bend over the horn, also in a similar manner as a hook, with the exception of closing this loop.





Now, to the business end of the fork. I learned this splitting and drawing out of the tines from Master Blacksmith, Peter Ross, who recently retired from Colonial Williamsburg. The splitting of the tines is done in the vise; clamp the stock vertically. Once this technique is mastered, you'll see the benefit of not having any burrs left from using a saw, or flashing from trying to chisel from both sides. One key to success is to use a very thin chisel, and another is to work quickly while the metal is hot. Stop the splitting about 1/4" before the shoulders. Then pry open the split with the chisel and start bending the material in preparation of forging out the tines. Heat it again and finish opening up the split at the anvil.

While opening up the split at the anvil, use a radiused corner and do not get a cold shut. It is very frustrating watching a tine break off as you finish bending it to the final fork shape caused by the crack from the cold shut.



The easiest way to draw out the tines is to bend and twist the "T" so that the "legs" are in line with the handle. When one tine is drawn out to the desired length and shape, mark the anvil with soap stone, grease pencil, or other non-permanent mark. Twist the finished tine to the handle and draw out the other leg to the desired length.



Once the tines are forged and cleaned up, they are twisted back into a "T" and the handle straightened. Next, is bending the tines into the fork shape.

The final shaping of the fork can be done either over the anvil or in the vise. I frequently bend the tines in the vise with a pair of tongs and finish the shape at the anvil.

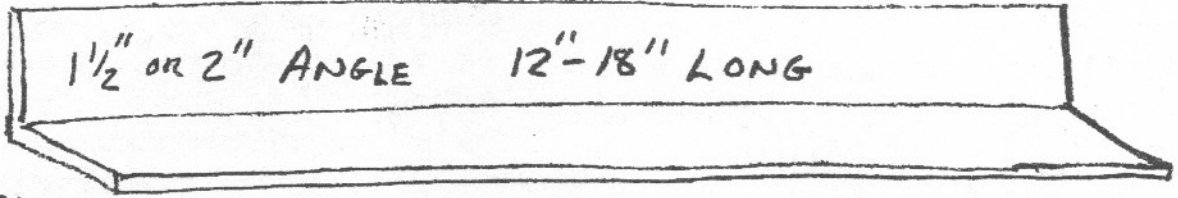
On the larger forks, the tines are curved. First they are bent downward from the plane of the handle and the tines curved up over the horn.

**Come see Jymm demonstrate this project and more!  
At Hoffman's Forge / Charter Day at Old Economy**

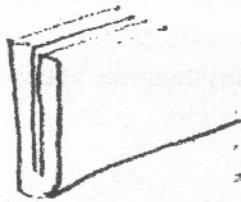


# ANGLE IRON GARDEN TROWEL

By Bill Clemens

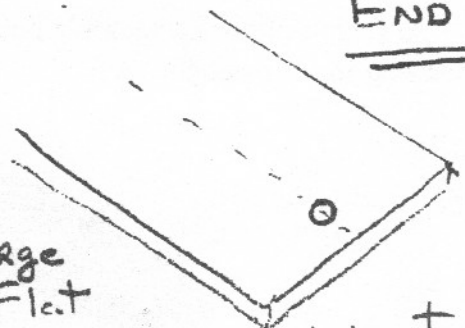


SHOVEL  
END

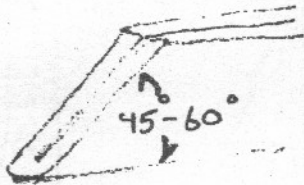


Fold Closed  
ON ONE  
END

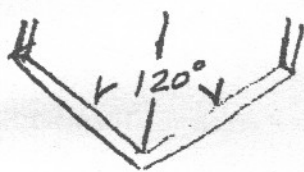
HANDLE  
END



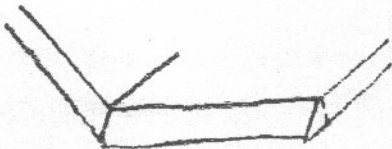
Forge Flat  
AND PUNCH Hole to  
hang up



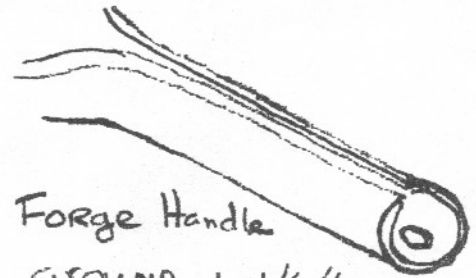
Taper  
END



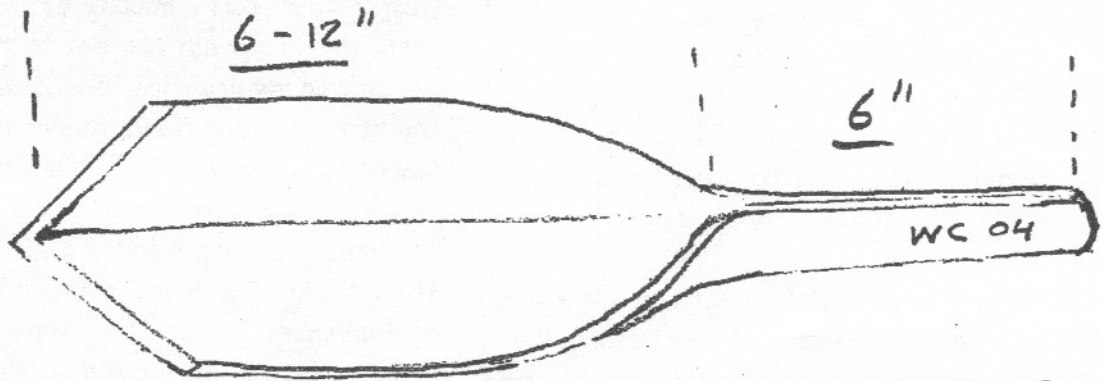
Open to  
~ 120°



Forge  
Edge



Forge Handle  
around 1-1/4" MANDREL



COMPLETED TROWEL

WC

## Saltfork Craftsman Regional Meeting Hosting Form

Region \_\_\_\_\_ SE \_\_\_\_\_ NE \_\_\_\_\_ S/C \_\_\_\_\_ NW

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

Name \_\_\_\_\_

Address \_\_\_\_\_

Phone/email \_\_\_\_\_

Trade item \_\_\_\_\_

Lunch provided \_\_\_\_\_ yes \_\_\_\_\_ no

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

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

Completed forms can be mailed or emailed.

You will receive a conformation by email or postcard.

A form must be filled out for each meeting.

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

## SCABA Shop and Swap

### For Sale:

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

### For Sale:

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

Contact Larry Roderick at 940-237-2814

### Wanted:

Advertising Coal Hammers, Contact Mike George at 1-580-327-5235 or o [Mike-Marideth@sbcglobal.net](mailto:Mike-Marideth@sbcglobal.net)

## Club Coal

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

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

**NE Region coal location: Charlie McGee** has coal to sell. He lives in the Skiatook, Oklahoma area. His contact information is:

[littleironworks@gmail.com](mailto:littleironworks@gmail.com) or (home) 918-245-7279 or (cell) 918-639-8779



Show pride in your organization by displaying one of our tags on your vehicle. We still have the Saltfork Tags on sale while supplies last. You

can order one for \$5.00 each. Contact the editor for more info.

We have coffee cups for \$9.00 and We just got in a new shipment of caps for \$10.00. We have "Fat head" hats for those having trouble finding a hat to fit.

Please note that due to increases in cost we have had to raise our prices on the swage blocks.

SCABA swage blocks

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

\$120.00 plus shipping to non-members

Contact Bill Kendall for more information



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

### For Sale:

One 50# "Transition Style", Little Giant Power Hammer, In excellent condition. We are currently using it in our shop. It comes complete, ready to run with two sets of dies. \$3750.00 fob Alva Okla. Pictures available on request.

Mike George at 580-829-1968 or [George.purchasing@yahoo.com](mailto:George.purchasing@yahoo.com)

# SCABA membership application

New \_\_\_\_\_ Renewal \_\_\_\_\_

January 1 2012—March 31— 201\_\_

Please accept my application

Date: \_\_\_\_\_

First Name \_\_\_\_\_ Last Name \_\_\_\_\_

Married? \_\_\_ Yes \_\_\_ No Spouses Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_

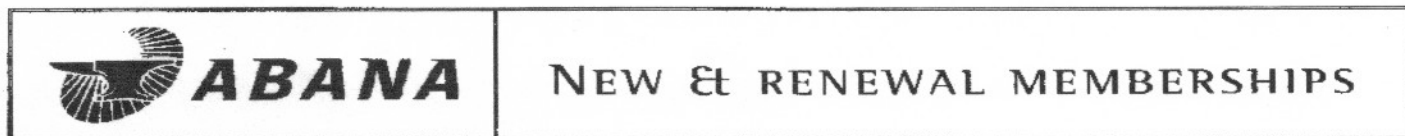
Home Phone (\_\_\_\_) \_\_\_\_\_ Work Phone (\_\_\_\_) \_\_\_\_\_

E-Mail \_\_\_\_\_ ABANA Member? \_\_\_ Yes \_\_\_ No

I have enclosed \$20.00 (per year ) for dues to March 30, 201\_\_

Signed \_\_\_\_\_

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



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

Business Name (optional) : \_\_\_\_\_

Street : \_\_\_\_\_

City : \_\_\_\_\_ State/Prov : \_\_\_\_\_

Zip/PC : \_\_\_\_\_ Country : \_\_\_\_\_

Phone : \_\_\_\_\_ Fax : \_\_\_\_\_

E-mail : \_\_\_\_\_ Website : \_\_\_\_\_

Membership Type:       New       Renewal

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

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