

Saltfork Craftsmen Artist-Blacksmith Association

April 2009



This small anvil (sitting on a nickel) was made by Ron Lehenbauer. He has made some from aluminum that make really nice earrings. Not too heavy.

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

President: Jim Carothers 580-336-9213
9501 Frontier, Perry Ok. 73077
frontiershop@wildblue.net

Vice-President: Gerald Franklin 580-467-8667
Rt. 3 Box 239J, Duncan, Ok 73533
franklin@gci-wireless.net

Sec-Treas. Mike George 580-327-5235
1227 4th St. Alva, Ok. 73717
mike-marideth@sbcglobal.net

Director: JC Banks 580-482-3209
16007 S. CR 206 Altus, Ok. 73521
jc.banks@okstate.edu

Director: Byron Doner 405-650-7520
6520 Alameda, Norman Okla.
byrondoner@earthlink.net

Director: Bill Kendall 918-742-7836
1756 E. 59th St Tulsa Ok. 74105
wwkendall@aol.com

Director: Richard Dyer 918-582-5065
1119 S Birmingham Pl. Tulsa, Ok. 74104
irondyer@aol.com

Assignments:

Editor: Diana Davis 580-549-6824
23966 NE Wolf Rd Fletcher, Ok 73541
Lazyassforge@tds.net

Librarian/Education:
Gerald Franklin 580-252-6002
Rt 3 Box 239J Duncan, Ok 73533
franklin@gci-wireless.net
cell phone 580-467-8667

Events coordinator: Bill Davis 580-549-6824
Lazyassforge@tds.net

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.

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

Visit our Saltfork Craftsmen Website:
www.saltforkcraftsmen.org

Trading Post

For Sale:
¾" round bar of 5160 (\$3.30 per foot plus shipping)
¾" and 1" round bar of 52100 (\$6.00 and \$9.45 per foot plus shipping) Contact Ray Kirk, ray@rakerknives.com or 1-918-456-1519



Army surplus round nosed pliers that make good scroll pliers for small items. They are 6" long \$5.00 each plus shipping. I also tie brooms on your handle or mine. \$20.00 plus shipping. Diana Davis 580-549-6824 or lazyassforge@tds.net



Due to health problems, I have decided not to rebuild any more Little Giant hammers. I have for sale: One decent used 100# hammer (\$3,500), one completely rebuilt 50# hammer (\$4,500). One early style rebuildable 50# hammer (\$1750), and one transition style rebuildable 50# hammer (\$2,250). I have some miscellaneous parts, dies, babbitt mandrels, and etc. for sale. Contact Mike George at 580-327-5235 (home), 580-829-1968 (cell) or Mike-marideth@sbcglobal.net

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



For Sale: 100# Little Giant, Rebuilt and in excellent condition..needs a motor. \$3850
918-534-7074 Rob Weber

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 location:

Bring your own containers. Contact Tom Nelson at 1-580-862-7691 to make arrangements to pick up a load. **DO NOT CALL AFTER 9 P.M.** If you make arrangement well in advance, Tom can load your truck or trailer with his skid steer loader. Otherwise you will need to bring a shovel. The coal can be weighed out at the Douglas Coop Elevator scales.

S/C Region coal location: Coal is in 1-2" size pieces. Bring your own container. The coal is at Max Scrudder's place in Mountain View. Contact Max for load out instructions.

Max Scrudder can be contacted at (405) 226-9951

NE Region coal location: Dan Cowart also has coal to sell. He can be contacted at dacowart@dishmail.net or CowartPat@gmail.com

We are currently sold out of SCABA swage blocks. New shipment coming soon.

Mail your ads to the editor or email them to lazyassforge@tds.net

MEETING SCHEDULE

April

NE Regional meeting (April 11th) No meeting scheduled, Easter weekend

S/C regional meeting (April 18th) will be hosted by Bob Kennemar at the Museum in Elk City. Trade item is any kind of forge tool.

SE Regional meeting (April 4th) The meeting will be hosted by Howard Bost at his home near Parish Texas. Howard has chosen a hat hook for the trade item. Lunch will be provided but bring a side dish to help out.

NW Regional meeting date (April 25th) The meeting is hosted by Mike George at his home in Alva. Mike needs help moving a power hammer in his shop. The trade item is a spatula.

May

2nd annual club picnic at Fair ground in Norman. May 16th. Please check with picnic organizers (Gerald Franklin and Bryon Donor) if you want to help.

June

SE Regional meeting (June 6th) Hosted by Mark Hamell. No information at this time.

NE Regional meeting. (June 13) Meeting is open at this printing.

S/C Regional meeting (June 20) Hosted by Kent and Anelia Hadick at their home in Oklahoma City.

NW Regional meeting (June 27th) Open at this printing..

Oops...

We heard the other day that Ron Lehenbauer recently broke his leg. He was moving an anvil and it tipped over and landed on his leg.

89's parade in Norman Ok

The 89's committee is interested in maybe getting someone to do a demonstration for them on the night of April 17th. The time would be from 7:00 to 9:00 p.m. weather permitting. You would be responsible for set up and there will not be electricity available. This is one of those things where you would not be paid for coming to do the demo, but may be able to sell some of your wares. We are trying to get people to come in that have a direct connection with the pioneers of Oklahoma. If someone would be interested in doing this please let me know. We are also looking for broom makers and things along that line if you happen to know of anyone.

Contact persons; Brinda I. Thomas (mail to: brindathomas@ou.edu) or Mike Pullin at 405-416-2274 or e-mail him at mpullin@first-fidelity.com

Jim Carothers

Minutes

Saltfork Craftsmen Board of Director's Meeting
Mar 21, 2009

- The meeting was called to order by Jim Carothers at 1:30 PM
- Mike George submitted the treasurer's Report. The club continues to be solvent. Our CDs will not be rolled over due to low interest rates and pending expenses for swage blocks and video equipment.
- Web site report. J.C. Banks reported that the web site received over 176,000 hits last year. He will update the membership application form to reflect current dates. He will also place a copy of the How to Get Started in Blacksmithing handout by Jim Carothers on the website.
- Workshops Report. David Seigrist reported that the following workshops are being scheduled: Gas Forge Building (May 2009), 2D Animal Heads (Jun 2009), Project Design (Aug 2009), Power Hammer Use and Tooling (Nov 2009), Repousse/Chasing (TBA), Fly Press & Tooling (TBA), Forge Welding (TBA), Forge Re-Building (TBA).
- The following conference items were discussed. Demonstrator fees of \$400/day/man were approved for the 2009 conference. Robb, Chad and Brad Gunter have agreed to be our demonstrators for the 2009 conference. For the 2010 conference, we have arranged for Darryl Nelson and Gordon Williams to demonstrate. Jim Carothers will book the Noble County Fairgrounds for the 2010 conference. Meal costs will be adjusted upward in an attempt to cover potential increases by the caterer so that we can publish and distribute the conference registration materials in a timely manner. The Board assigned an action item to Gerald Franklin to determine prices and deadlines for display advertising in the *Anvil's Ring* and the *Hammer's Blow*. This information will be passed to the Board for a decision on advertising for the 2009 conference. Several vendors' names were discussed to invite to the conference (action item: Franklin).
- The Statewide Meeting and Annual Picnic in May was discussed. Byron and Carol Doner have booked the fairgrounds in Norman for the 16th of May 2009. Jim Carothers will purchase beans and potato salad from the caterer. Mike George will arrange for drinks and plastic ware. David Seigrist will coordinate some sort of contest and was authorized by the Board to purchase a book for a prize to the winner. Franklin and Doner are to assemble a work list of other duties.
- 2009 ToolBox Project. J.C. Banks presented the toolbox for the 2009 raffle. The box was turned over to Mike George for fabrication of the necessary metal work. David Seigrist will again coordinate ticket sales. The Board gave specific authorization to David to purchase raffle tickets for himself and enter the raffle as a participant. We need tools for the toolbox, so all members should begin to solicit these items.
- Swage Block samples have been received from the foundry. It was decided that the SFC lettering and the foundry logo should remain raised on future castings.
- Cone Mandrel Project. Jim Carothers reported that Adam Hall has completed modifications to the drawings to incorporate the dual tong slot design.
- El Reno Arts Festival. Setup for the festival will be on Apr 3. The festival will be held on April 4. State Sales Tax Permits are not required for individuals who sell in this event.
- Storage Trailer Project. The trailer has been purchased and signs are installed. Franklin is to purchase two sheets of ¾ inch plywood to be kept in the trailer for conference arena flooring.
- Teaching Trailer. Franklin is to conduct a complete physical inventory of all equipment in the teaching trailer. Excess equipment will be identified for sale.
- Scholarships. The scholarship application for Billy Helton was withdrawn by the Scholarship Committee due to the applicant not attending an approved course of study within the time frame of the application.
- Next BOD meeting was scheduled for May 16, 2009. The Board will conduct the election of officers by email after the April 10 closing date of the election of new Board members.
- The meeting was adjourned at 3:45 PM.

Upcoming events:

Gas Forge Workshop

Who: At least 6 and a maximum of 12 lucky blacksmiths.

When: 30 May 2009, Time TBA

Where: Blanchard Oklahoma

If you're interested please call or email me:

David E. Seigrist

CanIron V11

The Western Canadian Blacksmiths Guild is going to put on CanIron V11.

Date is August 7,8 &9th

The location will be at Ness Creek Sask. More information to follow but I will say it is beautiful lake country, perfect for a holiday.

There is room for on site camping @ \$10 per day. Also, there are Hotels, B&B's and cabins in the area.

We will have 4 or 5 top notch demonstrators doing their thing and we will also have demonstrators for knife making. We are going to have a Hands On project on the go as well. More information to follow on that.

The cost to pre register will be \$200.00 from now to July 1st then the price will increase to \$250.00. The phone number and address will be posted later.

On site meals will be available at a cost of \$120 per person for the event, and again please make your intentions known as soon as possible?

As we proceed we will provide more information .

Larry Olm

President

El Reno Arts Festival

When: April 4th 10:00 to 5:00 P.M.

Where: Redlands Community College

1300 S. Country Club Rd.

El Reno, Oklahom

What: Saltfork Craftsmen have two booths for members to show and sell their goods. There is also a outside booth where members can demonstrate for the public.

Set up will be on Friday from 1-4:00 P.M. If you have anything you want to sell you can bring it on Friday. Make sure it is priced and has you name on it. Teresa Gabrish and Diana Davis will be handling the inside booth and Jim Carothers is in charge of the out side booth. All items must be handmade not from kits. Call Diana Davis or Jim Carothers if you need more information. All items placed in the inside booth need to be picked up by 5:30 P.M. on Saturday.

California Blacksmith Association

Blacksmithing

in Wine Country



April 23-26, 2009

Sonoma-Marin Fairgrounds, Petaluma, CA

Featuring Italian demonstrators

Claudio Bottero
Jadran and Martino Stenico

California Demonstrators

Eric Clausen Andrew Kyte Jill Turman
Tony Standteiner



- Carl Jennings Residence Tour
- Workshops by Ed. Committee
- Gallery
- Stephan Bondi Retrospective
- Vendors & Tailgate Sales
- Auction & Iron-In-The-Hat

www.calsmith.org

Contact: Lowell Chaput PH: 707-586-1324 info@chaputmetalsmith.com

Welding Workshop Monumental Success

Southeast Saltfork hosted a welding workshop at Cindy and James Allcorn's Bois D'Arc Forge Blacksmith shop in Paris, Texas on March 7 & 8. The workshop was a monumental success with 27 registered attendees and a handful of visitors, including the Paris TV Channel 99 film crew and a Paris News photographer. Saltfork registered 4 new members and obtained 6 renewal memberships.

We should have given awards for the longest distance driven to Charles Schumann of Alto Pass, Illinois who drove 553 miles (one way) to attend. Richard Kamp of St. Charles, Missouri came in second with 551 miles and P. E. (Gene) Mulloy of Laurel, Mississippi came in third with 467 miles. Numerous others drove long distances to attend this workshop.



Without exception, everyone attending got more than their money's worth from the meeting featuring Thomas (Tommy) Dean of Longview, Texas as the instructor. Tommy is a lifetime professional welder for the Eastman Company and is certified on all sorts of welding processes, exotic metals, pressure vessels, etc. And it just turns out that he is an artist blacksmith, Saltfork member and exceptional instructor.

Total instruction time for this workshop equaled 13 hours over two days. This workshop was unique in that no one left early, no one went to sleep, almost everyone asked at least one or more questions and several took pages of notes on both days! Of the 27 attending on Saturday, 19 were in attendance on Sunday.

We held this workshop because most folks new to blacksmithing do not know how to repair cast iron. Just about everyone involved in artist blacksmithing has some equipment, usually antique, that is made in whole or in part from cast iron. By the time we get it home from E-bay, Craigslist, the junkyard, farm auction or antique store, it may have one or more broken parts. Frustration sets in if we don't have the expertise to make successful repairs to cast iron using either an oxygen and acetylene torch to braze the part or using an arc welder. The knowledge that was common as little as 50 years ago enabling cast iron to be repaired has slowly died as those old smiths passed away. Tommy discussed cast iron repair in depth, going into its characteristics, oddities, and demonstrated repair using an oxygen/acetylene torch. He pointed out time and again the differences in this metal and metals common to most artist blacksmiths now, that being the significantly higher percentage of carbon in cast iron. This carbon makes cast extremely brittle and difficult (sometimes impossible) to repair.



Cast iron was only a segment of the workshop's focus. Oxygen/acetylene, TIG and MIG welding as applicable to the ornamental blacksmith were also discussed and demonstrated with many participants trying their hand at both TIG and MIG, some for the first time. Sometimes difficult processes can be made simple just by having someone to explain the techniques involved. Tommy was the perfect instructor to make the learning curve a little

easier to climb!

Open forge was held after the meeting Saturday night and Tommy Dean made leaves for his fireplace tool holder while Jim Carothers made chain out of 3/8" bar stock.



Special thanks and kudos go to those who helped make this event a success:

- Schad and Pulte Welding Supply (Derrick Campbell) in Gainsville, Texas furnished 32 pair of safety glasses plus door prizes including a pair of Harley-Davidson safety glasses, custom Doo-rag, welding jacket and a fantastic pair of welding gloves. (Sorry, I don't remember who won those items.)
- Paris Oxygen Co. in Paris furnished gasses for the workshop. These included oxygen, acetylene, argon and argon/CO2. Thank you Jud White and Paris Oxygen!
- Red River Valley Fairgrounds allowed us to borrow 2 sets of steel bleachers for seating. These bleachers provided everyone with a good view of the demonstration.
- Mosher Law Firm let attendees park RV's on their parking lot.
- Dollar\$aver Shopper provided free advertising for the workshop. (I am still amazed at the response from a little ad in the Shopper!)
- Local TV Station 99 ran a 20-segment video for two weeks before the workshop and this will be followed up by a 10-segment coverage of the workshop itself.



- The Paris News gave the workshop front page coverage with a picture and caption of the workshop in progress on March 10.
- Jim Carothers and the Saltfork Board for all their help and for taping the session. This will be edited, recorded on DVD and made available to all Saltfork members.
- The Paris and Lamar County Chamber of Commerce for providing welcome bags featuring a product from Campbell Soup Company – Paris plus maps, etc.
-

Personally, I want to thank all the various blacksmith associations around the country that helped publicize the event using the Internet. The Internet was used almost exclusively to provide national notification. We received responses from as far away as California, New England and the United Kingdom! 15 of the 27 attendees came as a result of Internet publicity!

Finally, a BIG THANK YOU to everyone that attended and participated! You made the workshop a success!

There is a ballot on the following page of this newsletter for the election of board members whose terms are up this year. As a member you have the privilege of choosing who represents you at board meetings. Please exercise your rights to vote. Send in your ballot ASAP. The deadline is April 10th.

Saltfork Craftsmen

Artists - Blacksmiths Association, Inc.

Board of Trustees Election
March 2009

There are four Trustee terms expiring this year. The four trustees who's terms are expiring are:
Bill Kendall Byron (Korny) Donor Jim Carothers Mike George.
All are candidates for another term except for Jim Carothers.

Jim has worked really hard for your club and deserves to take a break. Jim's leadership will be missed. His has been one of the most successful presidency's in the club's history. When you see Jim, tell him Thanks!

You may choose from the candidate list or you may write in any other persons who are members in good standing. **Please vote for only four candidates by putting a check mark on the line next to their names.**

Bill Kendall	Tulsa, OK	_____
David Seigrist	Altus, OK	_____
Byron (Korny) Donor	Norman, OK	_____
Mike George	Alva, OK	_____
Bill Davis	Fletcher OK	_____
Dan Cowart	Wann OK	_____
Don Garner	Thomas OK	_____
Richard Simpson	Blanchard OK	_____

These candidates are all good people. Any of them will be an asset to the Club and to the Board of Trustees. **This ballot form will appear in several newsletters. Please vote only once per membership. The election dead line is April 10, 2009.** Please fill in your ballot as soon as possible and mail to:

Saltfork Craftsmen Ballot
1227 4th St.
Alva, OK 73717

Saltfork Craftsmen
1227 4th St.
Alva, OK 73717

[Stamp]

Saltfork Craftsmen 2009 Ballot
1227 4th St.
Alva OK 73717

Upcoming SCABA Workshops

I thought it would be a good idea to just go ahead and give folks a peek at what I gave to the Saltfork Board Members this past Saturday. I've included a few details about each one and here is a handy list to give you a quick overview of what's coming up.

Title:	Date:	Instructor:	Location:	Status:	Cost:
Gas Forge Building	30 May 09	Larry Mills/ Terry Jenkins	Blanchard, OK	Workshop	\$175 (updated)
2D Animal Heads	27 Jun 09	Bill Davis	Elk City, OK	Workshop	\$25
Project Design	29 Aug 09	Max Scudder	Mt View, OK	Demo/Workshop	\$25
Power Hammer Use and Tooling	14 Nov 09	Richard Dyer	Tulsa, OK	Workshop	\$ To be determined

Gas Forge Workshop:

Larry Mills and Terry Jenkins will host a workshop on building a fully functional **2-burner** half shell gas forge including propane tank and regulator. Half shell means the top half will be made from the top half of a pipe and the bottom will be firebricks. All you have to do is take it home, light the fire and go to work. I just got off the phone with them and they said let's build a two burner gas forge for \$175. There are six seats left for this workshop.

2D Animal Heads:

Bill Davis will show us how to make 2D animal heads from flat bar and the tooling you'll need. I'm sure just about everyone has seen Bill's work with railroad spikes and some of his other heads so you don't want to miss this opportunity to see "How did he do that?" Then folks will ask you "How did you do that?"

Project Design:

Max Scudder will show us how as a professional blacksmith he does project design and various factors he must take into consideration when putting together a project. He said we'd even have enough time to put together a small project at the end of his lecture. It's mostly paperwork with a little bit of forge work, which sounds just about right for August.

Power Hammer Use and Tooling:

Richard Dyer from his many years of experience as a professional blacksmith will show us some of the tooling and techniques he uses in commercial production of forged items with the use of a Little Giant power hammer. Since most folks have Little Giants that's what he'll use for the workshop.

Some of the dates selected are on weekends that do not have a sponsor yet. Hopefully this doesn't rub anybody the wrong way. If a meeting has a sponsor then obviously I won't schedule it then. I'm being mindful of the hosts' hard work to put on a meeting and the need for workshops.

To sign up just send a check to me and let me know which workshops you'd like to attend.

David Seigrist
P.O. Box 163
Hollis, OK 73550
(580) 381-0085
dseigrist2004@yahoo.com

Repousse/Chasing Workshop? Is anyone interested?

A couple I met out at John C. Campbell were Mark and Mindy Gardner of Farmer City, Illinois. Mark makes the tools and Mindy does the repousse. To do a proper workshop would require 3 – 4 days to really get the jist of it. The first day would be tool making and the next three the repousse work. Mark said they have special treadle hammers he makes that are very helpful with this kind of work. They would bring down enough treadle hammers for 12 students and the treadle hammer would be for sale after the class for \$1,350 each. Their charge is \$250/day plus travel, hotel, and eats. What we can do is see how many sign-up and just divide the cost equally. If 12 signup then the less each has to pay. Their website is www.floodplainforge.com The big question is do we have enough people interested? Let me know if you are so I can start crunching some numbers. This is not a sign up, just a poll to see if we have enough interest.

David Seigrist
P.O. Box 163
Hollis, OK 73550
(580) 381-0085
dseigrist2004@yahoo.com

SCABA Tool Box for 2009

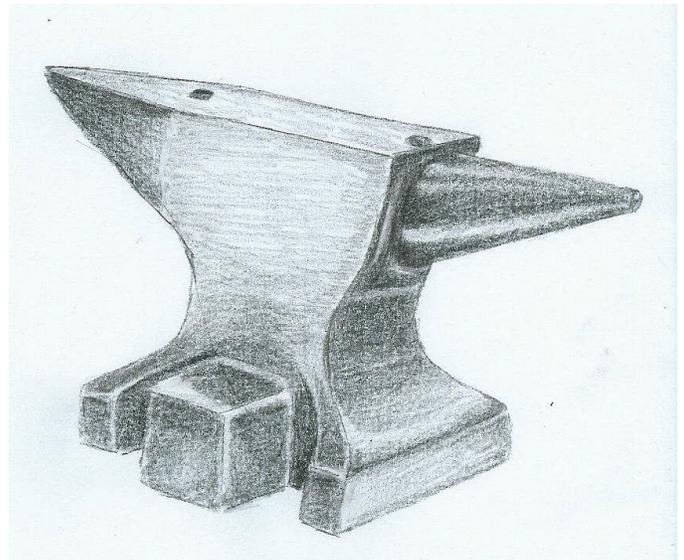
If you are new to SCABA let me tell you about our toolbox program. At the yearly conference in October we have an auction and a toolbox raffle to raise funds for SCABA. Various smiths from SCABA either make or buy and donate items to be in our SCABA Toolbox. It is a very very nice set of tools and the most wanted item of the evening. When the winning name is drawn you can hear a pin drop as everyone holds their breath hoping to hear their name called. You know putting together something this good doesn't happen over night.

Since it takes months of preparation I'd like to get an early start and ask for volunteers to help fill the box. JC Banks is our resident carpenter for the tool box and Mike George has done some outstanding work making the handles and hardware. Take a look at the list and if you see an item you would like to make/buy and donate please call or email me and I'll put your name on the list or let you know if it has been spoken for. If you know of an item you find very useful by all means call me and I'll add it and your name to the list. From now until the auction this list will always be with me. By contacting me first it ensures there aren't 10 hammers, 8 hot cuts, etc., but a unique and wide variety of tools. Also, I'll have a running tally of the dollar value of the box, hardware, and contents so let me know how much you would charge or paid for the item. It's okay to wait until you finish the tool to let me know what the dollar value is. Each month there will be an updated list in the newsletter and you will be surprised at how much a collection like this would cost. Raffle tickets will be available starting on our Family Day Picnic in May.

David Seigrist
C: 580 381-0085
H: 580 688-3555
dseigrist2004@yahoo.com

Tool/Item	Maker/Buyer	Cost/Value
Box	JC Banks	
Hardware for toolbox	Mike George	
Cross peen hammer		
Straight peen hammer		
Rounding hammer		
Tongs:		
¼ v-bit		
3/8 v-bit		
½ v-bit		
¾ v-bit		
¼ flat		
3/8 flat		
½ flat		
¾ flat		
Scrolling		
Side grip		
Chisel tongs		
Pick up tongs		
Fire tools (Shovel, rake, poker)		
Hot cut hardie		
Cold cut hardie		
Twisting wrench		
Treadle/Hand hammer tooling	JC Banks	
Set of punches and holder		
Center punch		
Chisel, large		
Chisel, small		
Chisel, hot slit		
Slitting chisel		
Hold down		
Flat wire brush w/handle		
File, flat bastard cut w/handle		
File, mill bastard w/handle		
Set of monkey tools		
Rivet backing tool		
Rivet setting tool		
Hacksaw		

Bolster plate		
Square		
Dividers/Compass		
Scribe		
Bending forks		
Spring swage (necking down)		
Flux spoon		
Soapstone		
Ball tool (round blunt nose punch)		
Hook ruler		
Iron Mountain Flux		
Finishing wax + Borax		
Nail header		
File, half round, large w/handle (2)		
Dual Caliper		
Total value to date:		



Gas Forge Workshop (UPDATE!!)

Larry Mills and Terry Jenkins have been working hard to get us a gas forge workshop and it's all coming together. It will be a one-day workshop where you walk away with a fully operating ready to go **2 burner half shell gas forge**, including propane tank and regulator. You will fire it up at the workshop under the watchful eyes of Larry and Terry so they can help with any tweaking. When you leave it will be with a Brand New You Built It Yourself Gas Forge. What a deal!

Who: At least 6 and a maximum of 12 lucky blacksmiths.

When: 30 May 2009, Time TBA

Where: Blanchard Oklahoma

Why: So folks can make a fully functioning 2 burner half shell gas forge, and have the knowledge to build more later.

How much: The price is \$175.

Since materials will be purchased ahead of time \$100 will hold your seat and the other \$75 will be due by the 5th of May. As usual I'll have an alternate list going. If you can't make it and we have no other alternates the actual cost of materials will be kept and the rest I'll send back to you. If an alternate takes your place I'll refund the full \$175. If you are an alternate and I call I'll need the full \$175 before the workshop.

If you're interested please call or email me:

David E. Seigrist
P.O. Box 163
Hollis, OK 73550
dseigrist2004@yahoo.com

May Picnic

When: Saturday May 16th

Where: Fair ground at Norman

Time: 9:00-4:00

Meal: 11:30-1:00

Forging and Tailgating all day.

This is your opportunity to visit with members we don't get to see often enough. The club will be furnishing the meat, beans and other fixings. Members are encouraged to bring deserts and other dishes or condiments that go with burgers (which is what we will probably cooking) Sliced tomatoes, onions, pickles, chips etc.

Teresa Gabrish said she would teach a simple wire wrapping project. If you would like to do this project bring an old coin (Penny). The cost for this class will be \$5.00 each. This fee will cover the cost of supplies.

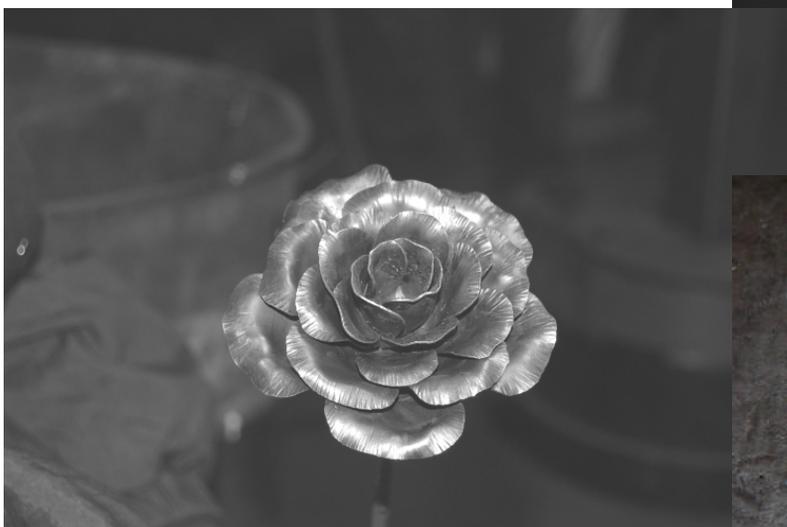
Contact Byron Doner or Gerald Franklin if you need more information or to help out.

NW Regional meeting (March)

Ron Lehenbauer hosted the March meeting for the NW region at his home west of Wakomis, Okla. Ron invited Matt Will to come demonstrate the making of Roses.

Matt brought his pattern for the rose petals and leaves and allowed anyone who didn't already have them to copy them. Matt showed how he textures each set of petals before he assembles them. When preparing each petal set he punches a square hole in the center of each. The stem also has a square tenon that is a little larger than the hole in the petals, that way the petals fit tight when set down onto the shoulder of the tenon.

When everything is assembled he uses a touch and round nosed pliers to shape each petal.



Matt's leaves also get special treatment. He uses a chisel to give the petal the saw tooth edges that all rose leaves have. Also care is take to give the roses veins. The leaves are assembles with three leaves on the first set and if there is to be a second set of leaves then that set needs five leaves.

We took a short break to go get some lunch and then came back to watch Matt finish up his rose. The Bill Moffet took over the forge and worked to forge a shovel. We didn't stay until he finished so don't know if he got it to forge. He was having problem getting a weld when we had to leave.

I snapped a picture of a table that Ron had made that his son was taking home. It is a very beautiful piece of metal work. The top is plasma torches and sets on solid square legs.



We want to thank Ron for hosting the meeting.

Dorothy Stiegler and Jacob Hill at Pieh Tool

Bill and I took a long weekend to travel to Camp Verde, Az to watch Dorothy Stiegler demo the forging of Silicon Bronze. Amy Pieh had a good turnout for the demo with around 60 coming from all over to attend. They set up as many chairs inside the building as they could fit and bleachers just outside the big overhead doors. They also set up a large flat screen television for those setting on the bleachers so we could get a close up view of the demo. Except for a brief shower and some gust of wind it was a good solution for over crowding. Amy paid to have the demo tapes and she will be selling the videos.



Dorothy stated they most of their work for the last several years has been done in Silicon bronze. It seems to have a very short forging temp and if not careful to watch your forge you will come out with two pieces instead of just the one you put in the forge. She stated they had their forges at home adjusted where they worked pretty well with the bronze material.

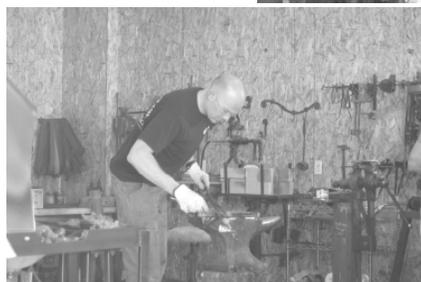
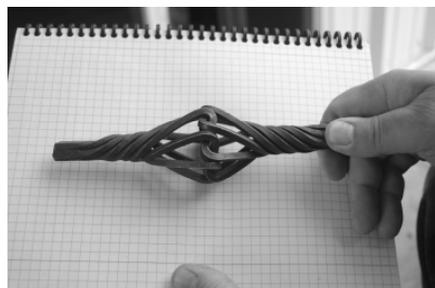


Dorothy also showed how to forge the Stiegler ball, which is a basket inside a basket. It was a challenge that came up when Dorothy first started blacksmithing and Francis Whitaker told her about it. Dorothy said thought about it and it finally came to her how it would work. It quite simple once explained.

She also showed how the Claydon knot is made. This knot is named after a young blacksmith that came up with it. Many people state that there is nothing new in the art of blacksmithing. Everything has been done by someone somewhere. But that is not necessary true. All you have to do is use your imagination and maybe you can come up with something that will carry your name also.

Amy fed us each day at noon and there was a cookout on Saturday night at Bill Morris's blacksmith shop.

she



S/C regional meeting

Terry Jenkins hosted the meeting for the S/C region at his shop in Blanchard, Okla on Saturday March 21st. Terry had a good turnout for his meeting. There were two to three forges going most of the day. Bill had his gas forge going and showed how to



forge the Bobcat head out of Aluminum Bronze. The Bronze is harder to forge because of the limited forging temp. it was even harder to see the temp forging outside.

Jerry Cathy also had a forge going during the meeting. Him and Jim Carothers both spent time at the forge. The trade item was a letter opener and there were several nice examples to draw from.

JC Banks took on the job of making our box for the Tool Box Raffle that will be held at the Conference. He finished up the box and brought it to the meeting to give to Mike George. It is Mikes job to make all the hardware for the box.



Tickets for the tool box will be available at the Picnic in May. We need those that can to make/acquire tools for the box. Most all tools for blacksmithing are needed. David Seigrist will be working up a list of tools and you can contact him to volunteer to make one or more.



There was a board meeting at this meeting. You can read the minutes that have been posted in this newsletter. If you have any questions about any of the issues covered at the meeting you can contact one of the board members.

Teresa acquired a stone grinder at the Okla. Mineral and Gem Society meeting. She demonstrated how to form a cab for jewelry setting and wire wrapping. She is planning a class at the picnic and also at the conference.

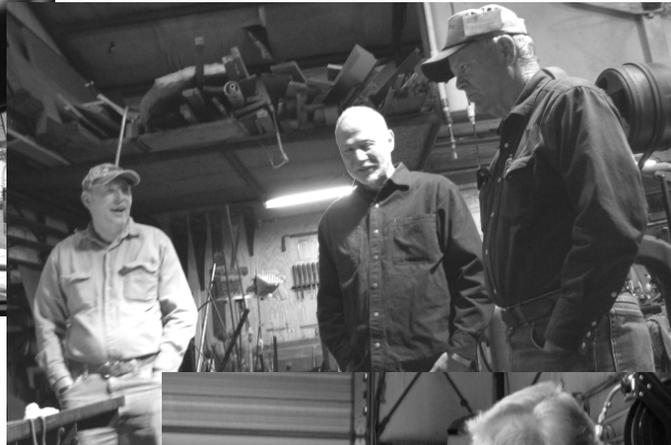


NE Regional meeting

The March NE regional meeting was held at Dan Cowart's Rusty Dragon Forge in Wann. We had 11 members and about 6 (three of who joined) guests to attend. The trade item was supposed to be something with a feather. Gerald Franklin was the only one that showed up with a letter opener with a feather handle. (I burned mine up and gave up the forge.)



We kept one forge busy in the shop as it was a little cold in the AM to be outside. Several items were made that member wanted to try. Pat Cowart and Kelly Krohn put a very good lunch together with brisket, beans, salad and other types of food. Gerald brought over a cake.



After lunch is had warmed up enough to open the overhead doors and Chris Krohn started working on the surface of an anvil he had purchased and got some ideas from all about how to proceed with repairing the surface.



Before Gerald left we printed off some ballots so those who had not voted could vote and he took those and three new members' papers and money back with him.



Dan Cowart

NORTH EAST REGIONAL MEETING DATES

January 10, 2009
Host: Gary Gloden

February 14, 2009
Host: Bill Kendall

March 14, 2009
Host: Dan Cowart

April 11, 2009
Host: Open Easter Weekend
Phone #:

May 16, 2009
Host: *State meeting*
Phone #:

June 13, 2009
Host:
Phone #:
Trade item:

July 11, 2009
Host:
Phone #:

August 8, 2009
Host:
Phone#

Sept. 12, 2009
Host: Dan Cowart
Phone #:
Trade item

October 17-18, 2009
SCABA Conference

November 7, 2009
Host:
Phone #:
Trade item

December 12, 2009
Host:
Phone #:

NORTH WEST REGIONAL MEETING DATES

January 24, 2009
Host:

February 28, 2009
Host: Ron Lehenbauer

March 28, 2009
Host: Bob Kennemar
Phone #:

April 25, 2009
Host: Mike George
Phone #:

May 16, 2009
Host: State meeting –No regional meetings
Phone #:

June 27, 2009
Host:
Phone #:

July 25, 2009
Host:
Phone #:

August 22, 2009
Host:
Phone #:

Sept. 26, 2009
Host:
Phone #:

October 17-18, 2009
SCABA Conference

November 28, 2009
Host:
Phone #:

December 26, 2009
Host:
Phone #:

SOUTH CENTRAL REGIONAL MEETING DATES

January 17, 2009

Host: JC Banks

Phone #

February 21, 2009

Host: Gerald Franklin

Phone #:

March 21, 2009

Host: Terry Jenkins

Phone #

April 18, 2009

Host: Bob Kennemar

Phone #

May 16, 2009

Host: State picnic at Norman

No regional meetings

June 20, 2009

Host: Anelia Hadick

Phone #:

July 18, 2009

Host: Max Scudder

Phone #:

August 15, 2009

Host: Richard Simpson

Phone #:

Sept. 19, 2009

Host: Gary Seigrist

Phone #:

October 17-18, 2009

Host: : SCABA Conference Perry, Okla.

November 21, 2009

Host: Bill and Diana Davis

Phone #: 580-549-6824

December 19, 2009

Host: Anelia Hadick

Phone #:

SOUTH EAST REGIONAL MEETING DATES

January 3, 2009

Host: Howard Bost

Phone #:1-903-785-0864

February 7, 2009

Host: Howard Bost

Phone #: 1-903-785-0864

March 7, 2009

Host: James Allcorn

Phone #:

April 4, 2009

Host: Howard Bost

Phone #: 1-903-785-0864

May 16, 2009

Host: State meeting in Norman Ok

June 6, 2009

Host:

Phone #:

July 4, 2009

Host:

Phone #:

August 1, 2009

Host:

Phone #:

Sept. 5, 2009

Host:

Phone

October 3 2009

Host:

Phone #:

November 7, 2009

Host:

Phone #:

December 5, 2009

Host:

Phone #

New mailing requirement

New mailing requirements go into effect on March 29th . You will notice the change to the back cover of this newsletter. To meet the new requirements the mailing labels need to be at the top of the page. The other requirement is that the address must be verified with NCOA (National Change of Address). The printer charges .25cents per address to verify the address. This verification will be required every 90 days. It is very important that address be correct because every undeliverable piece of mail could cause the club to be fined. ALL renewals will need to be accompanied by a fully filled out application. Printed or typed (some of you have terrible penmanship). Double check your form to make sure you have not transposed numbers and if possible provide the full 9 digit zip code.

New to blacksmithing

Tuesday, March 24, Joe Meador and his son Elijah came to the house so that Bill could help Joe get started blacksmithing. Joe and Elijah came to Terry Jenkins meeting but they didn't get a chance to do much more than set up their next meeting.

After getting a coal fire going they decided to make a simple set of tongs. Mostly because Joe doesn't have any tools so this would give him at least a pair to hold small things.

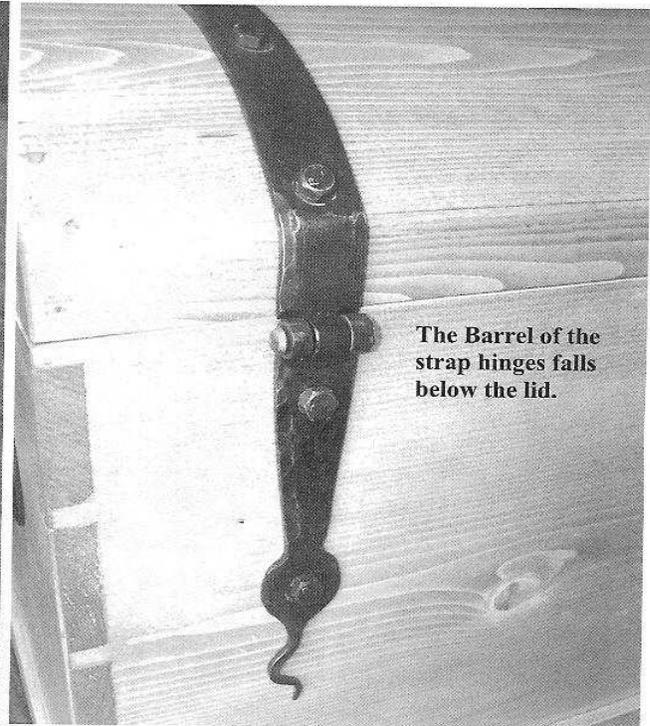
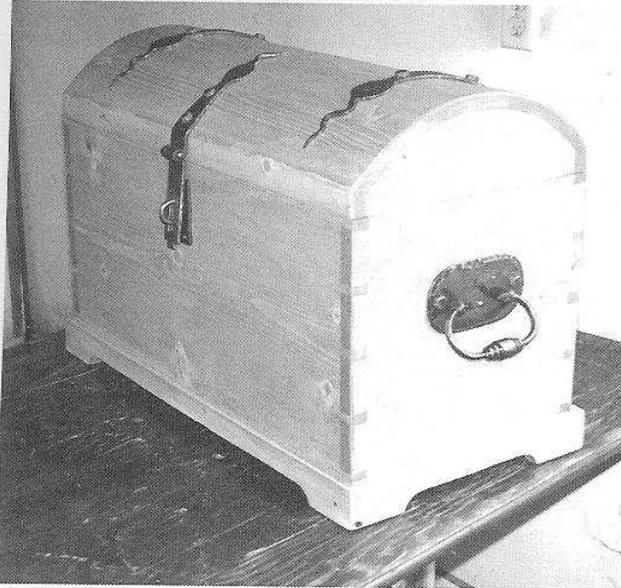
Elijah and I went into the house to watch a movie but he is definitely a daddy's boy so we went back to the shop and sat and watched them work.



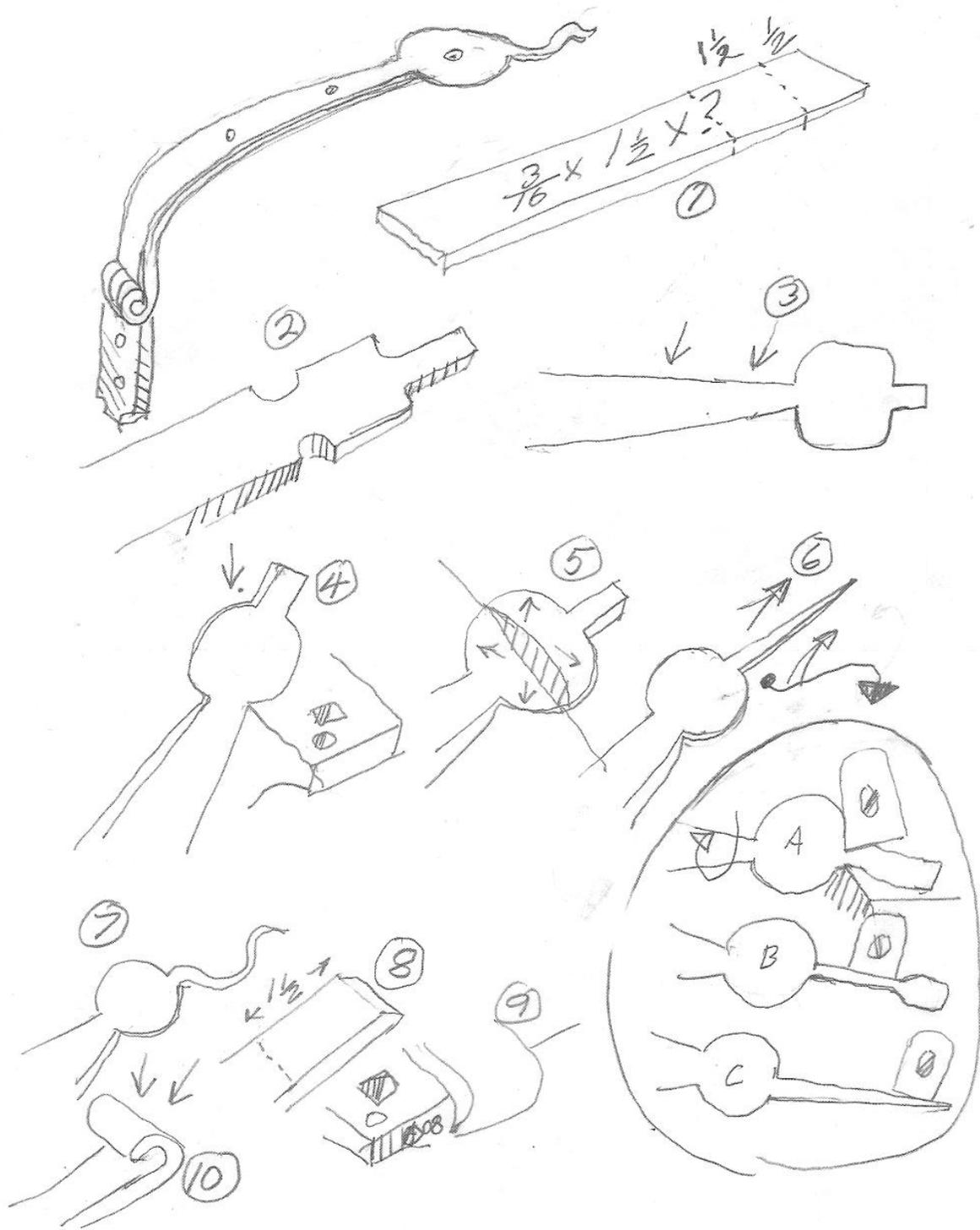
After Joe made the tongs Bill helped him make a cross.

Bob Alexander's Blanket Chest Hardware

S.O.F.A. 2008
Drawings & notes by Steve Alling
Photos by Steven Spoerre



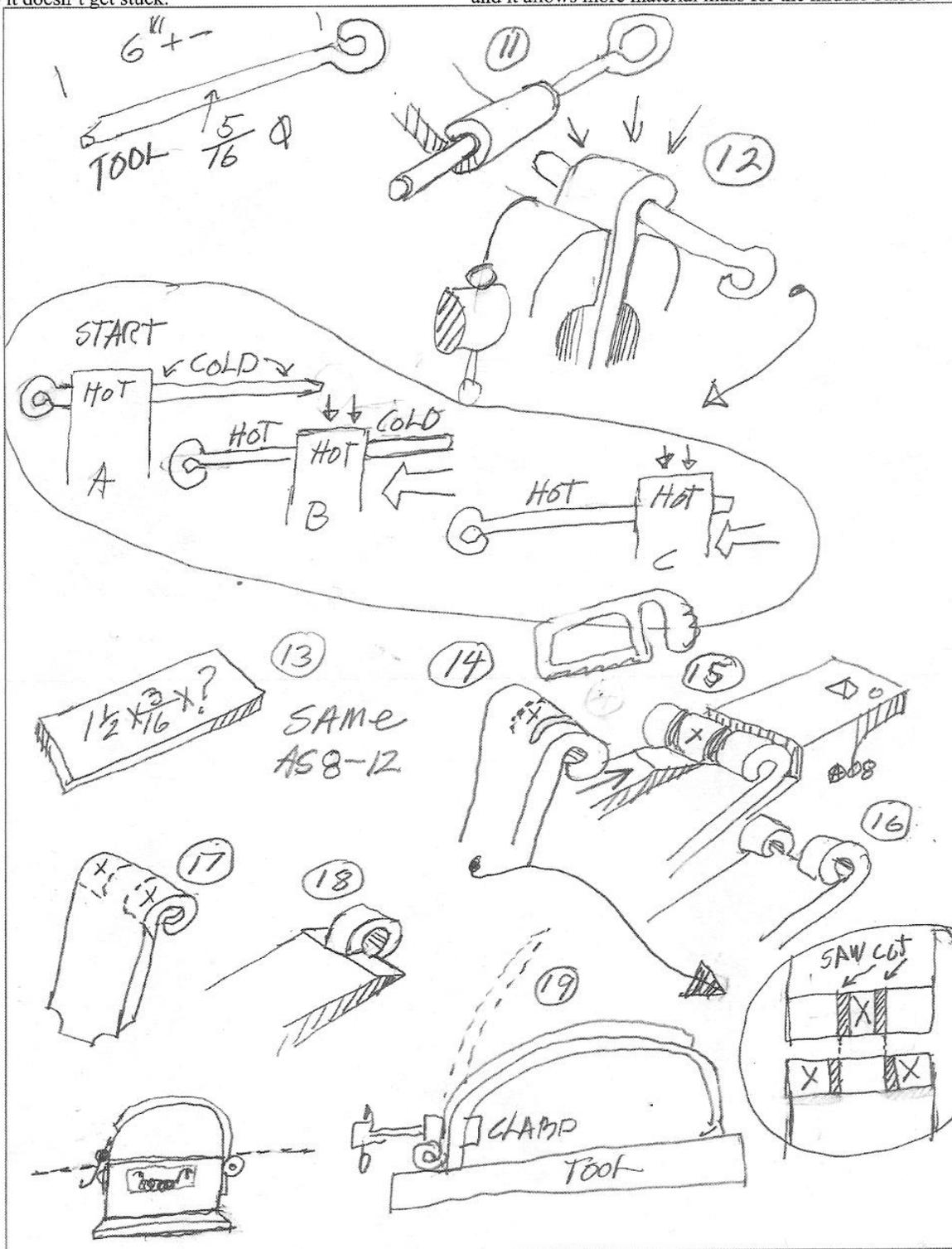
Forming the "Ball and Flame" decoration

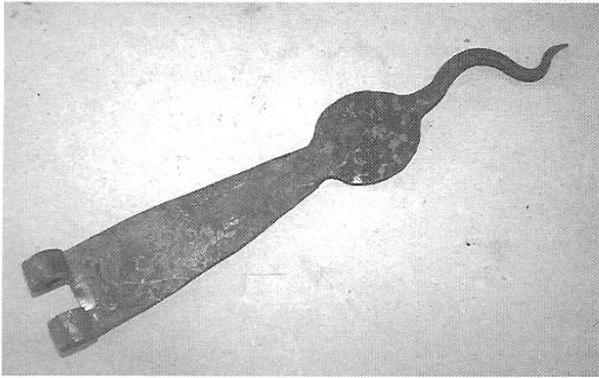


Drawing Notes:

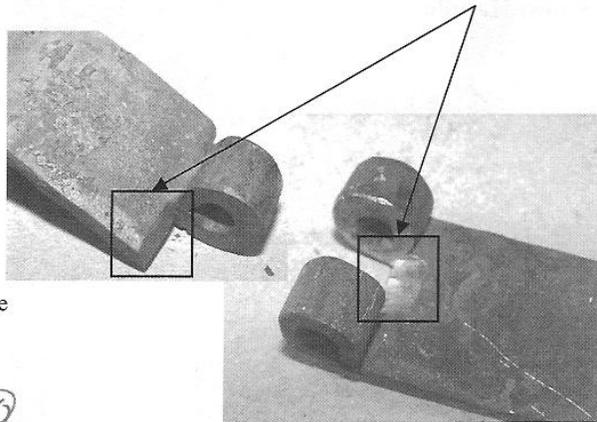
11 & 12: Bob makes a long mandrel with a small handle so he knows which is the cool end. As he rolls his hinge barrel he moves the mandrel constantly through the barrel, keeping it cool, so it doesn't get stuck.

14 & 15: When Bob cuts his hinge barrels you have to remember the width of your saw cut so you need to make one half and then fit it to the other half. The middle needs to be more than 1/3 the width. Equal 3rd's are not visually pleasing, and it allows more material mass for the middle barrel.

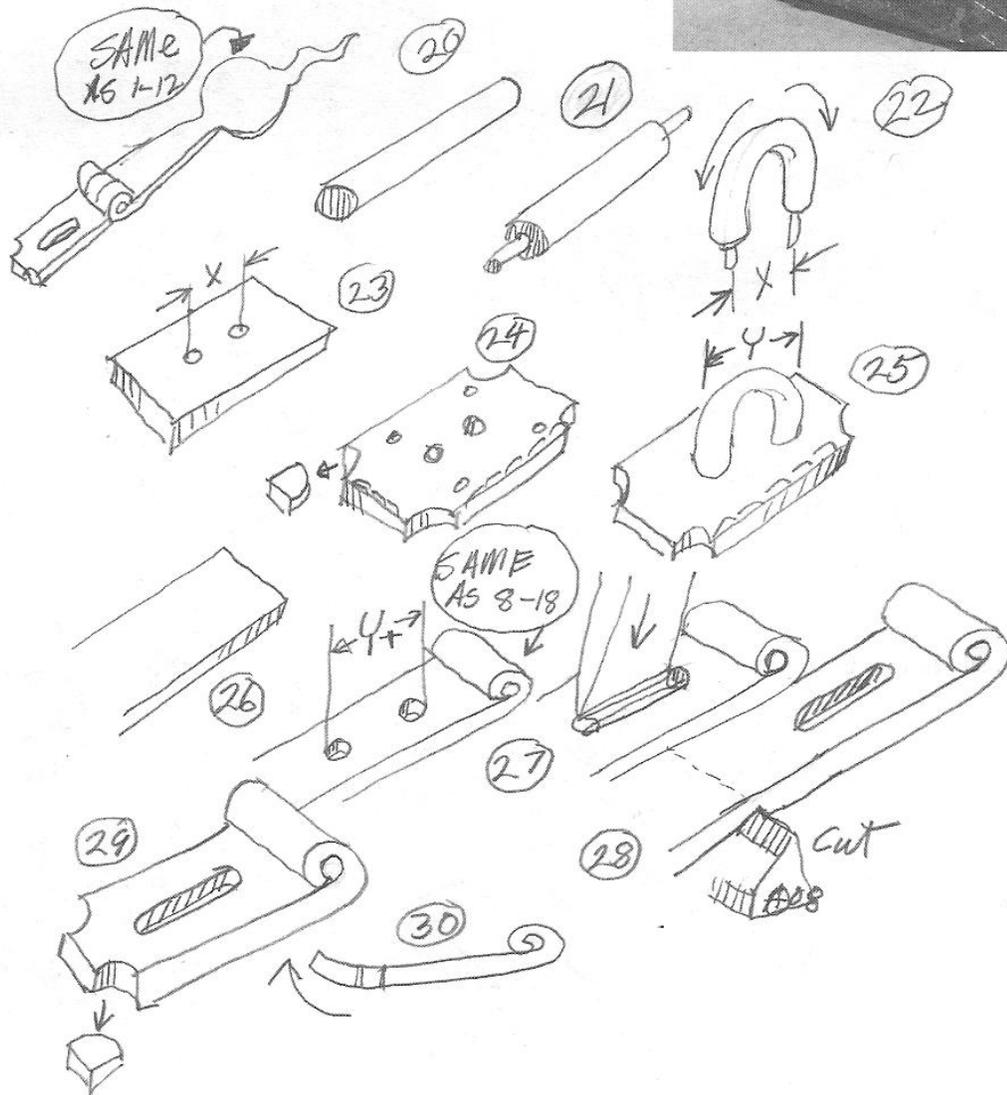




Carefully cut through the barrel but not into the strap. Bob prefers to cut/file bevels on both straps so you won't see daylight behind the hinge.



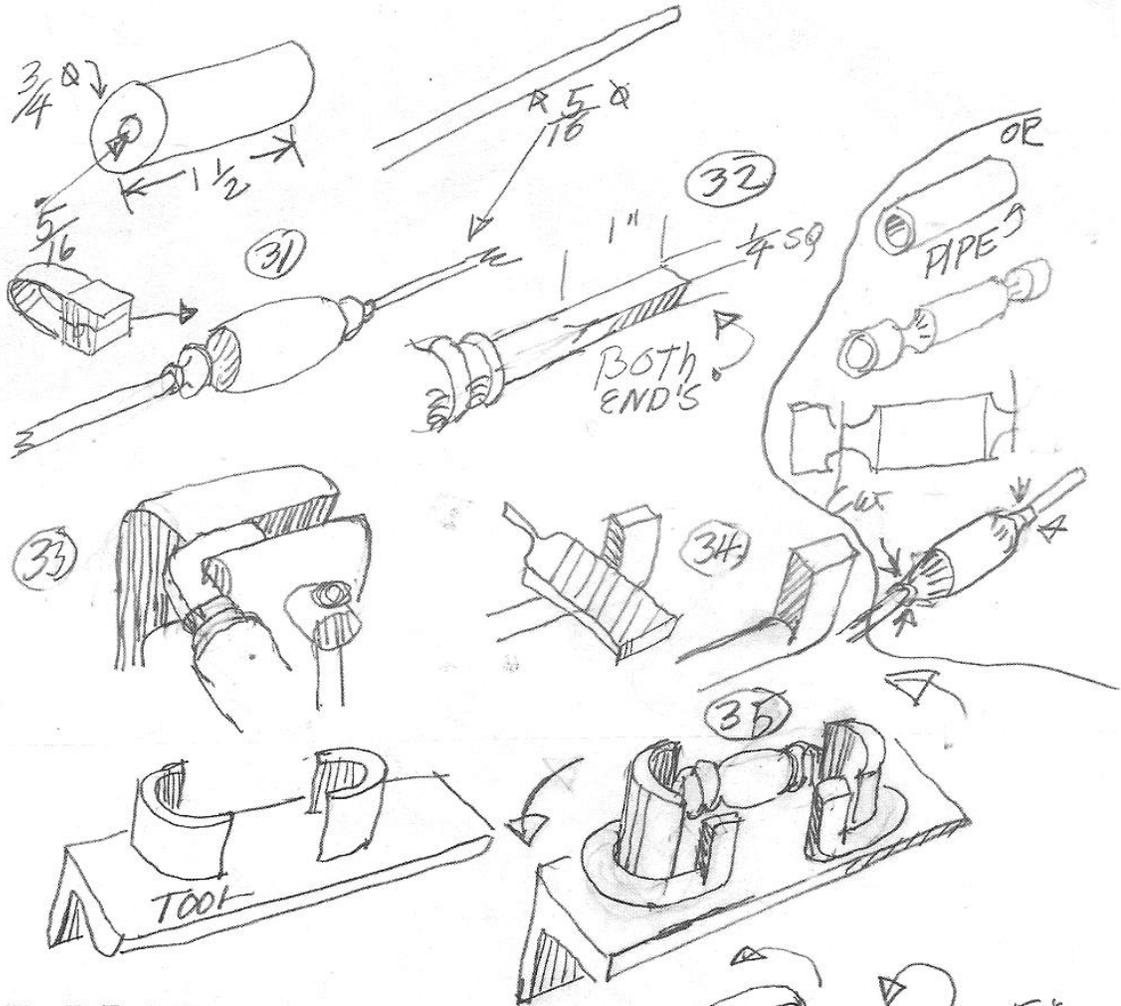
File all cut edges smooth, shape bevels to be similar and square up corners. Break corners and remove sharp edges.



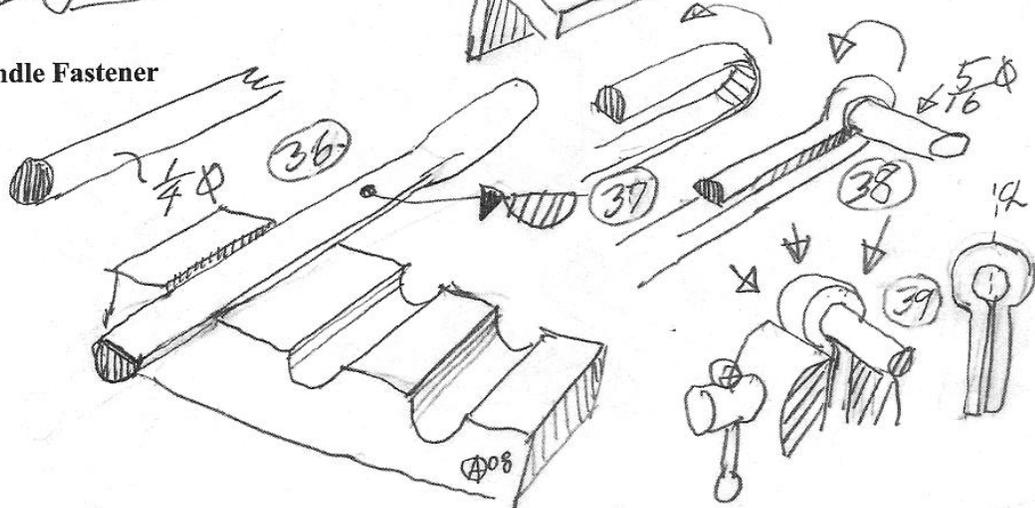
Drawing note:

31: Bob makes this part in a spring fuller. This is hard to form without a power hammer or a good striker. I've drawn the solution you can make with a pipe that I think would look acceptable.

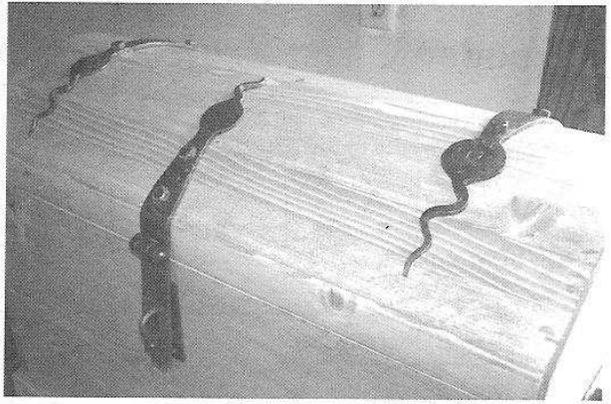
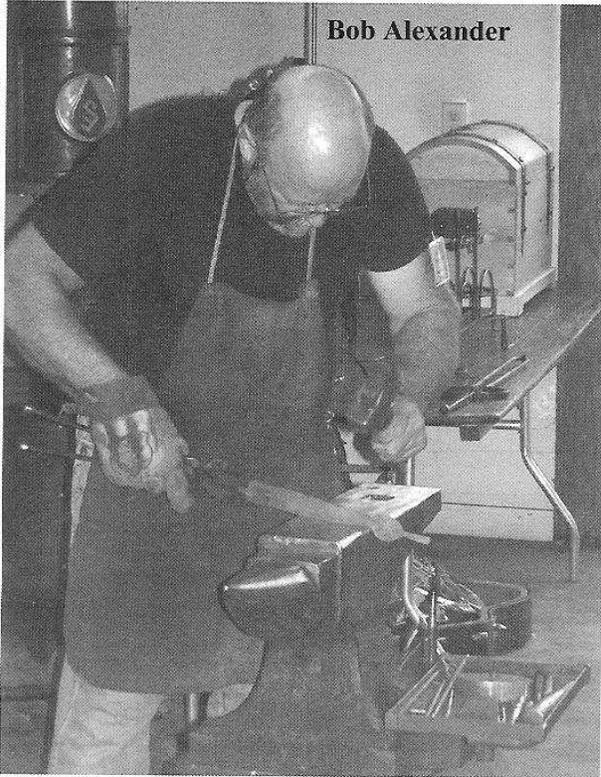
Chest Handle



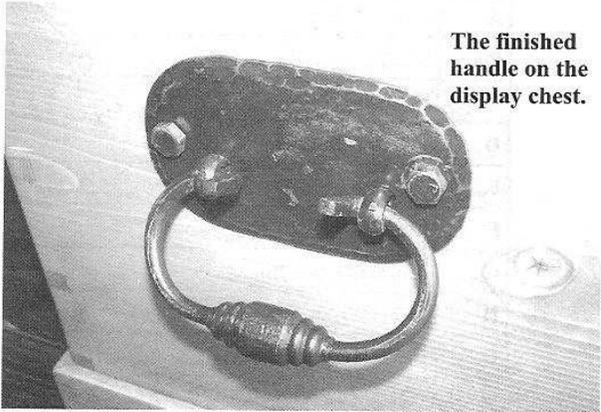
Chest Handle Fastener



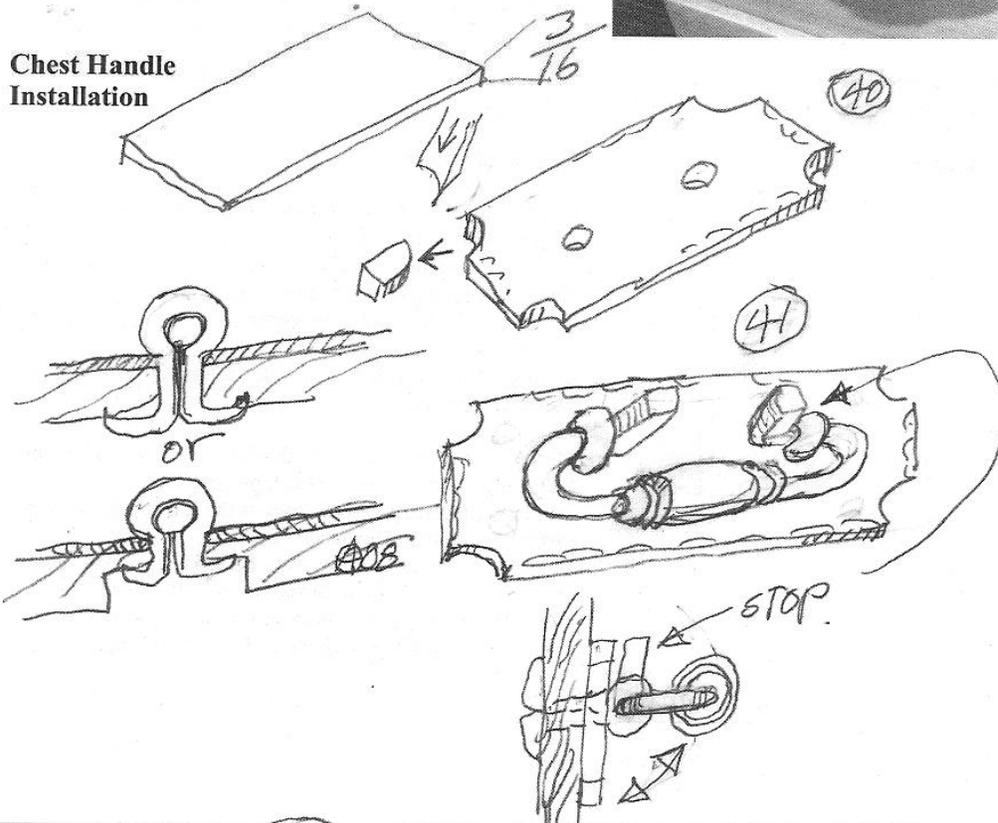
Bob Alexander



The finished handle on the display chest.



Chest Handle Installation



Wooden Chest Project

To use with hardware from Bob Alexander's demo
Information provided by Jeff Elston

Bill of Materials for Wooden Chest

Key	Description	Quantity	Dimensions
A	Front & Back	2	23 3/4 x 11 1/2 x 3/4
B*	Sides	2	11 1/4 x 11 1/2 x 3/4
C	Bottom	1	22 1/4 x 11 1/2 x 3/4
D	Front & Back Base Skirt	2	25 x 2 x 3/4
E	Side Base Skirt	2	14 x 2 x 3/4
F	Lid Ends	2	Approx 11 1/4 x 3 x 3/4
G	Lid Slates on crown	2	23 3/4 x 1 3/4 x 3/4
H	Lid Slates at crown edge	2	23 3/4 x 1 3/4 x 3/4
I	Lid Slates on vertical edge	6	23 3/4 x 1 1/4 x 3/4

* If the chest is to have through, half-blind or blind dovetails, adjust the length of the two side boards appropriately.

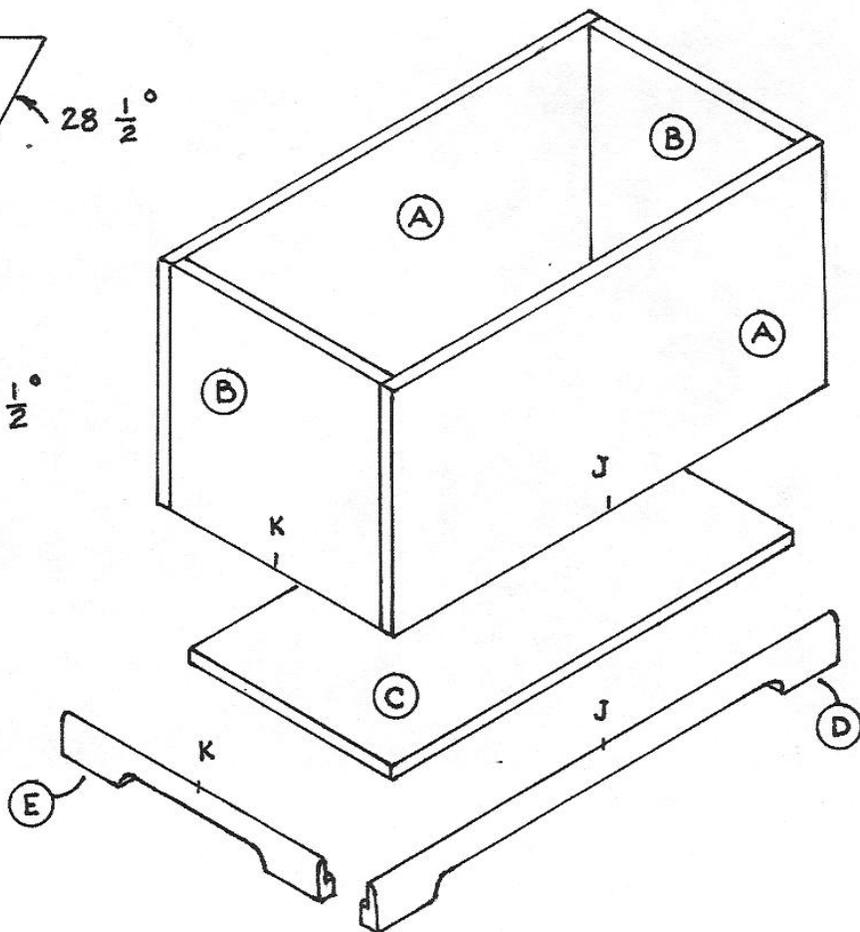
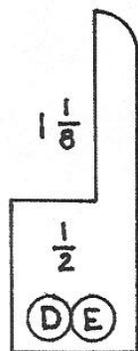
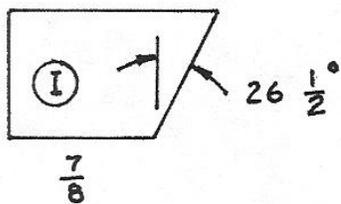
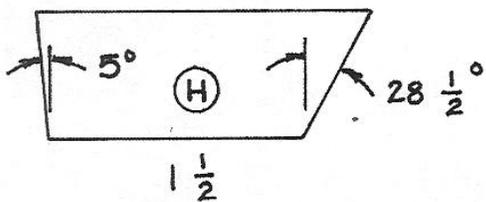
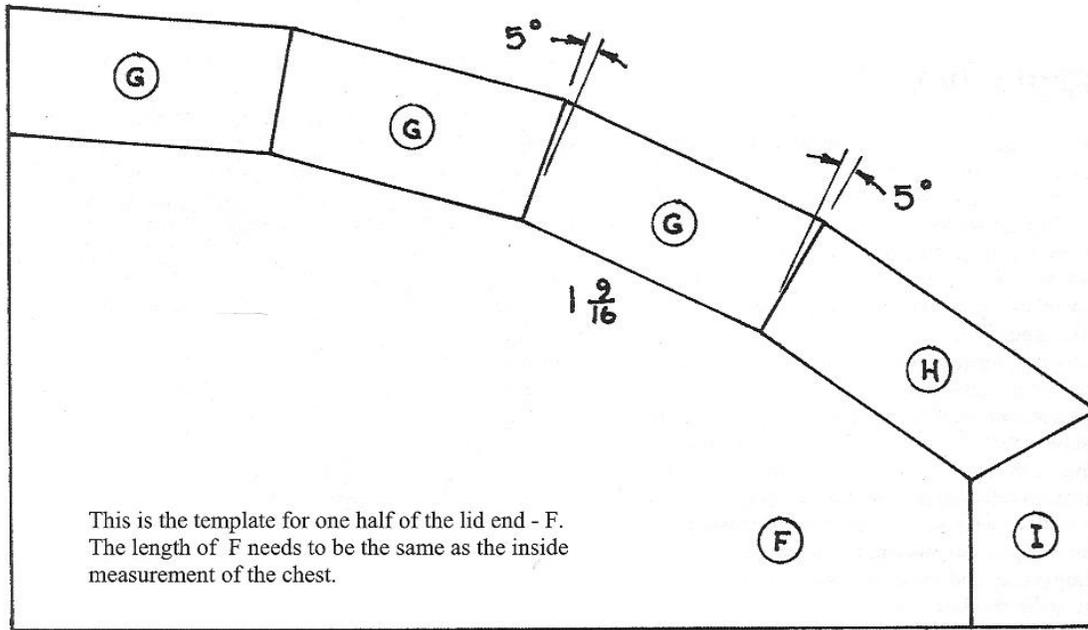
Tools and Supplies Needed

Table Saw
Band or Scroll Saw
Router with 1/4 inch round-over bit
Miter saw
Brad nailer
1-1/4 inch Brad nails
Glue
Wood Filler
Sand Paper
Two, 1 x 12 boards, 8 feet long

Creating the Skirt

Remove a centered, 19 x 3/4 inch section from the bottom of pieces D with a 3/4 inch radius on each end.
Remove a centered, 8 x 3/4 inch section from the bottom of pieces E, with a 3/4 inch radius on each end.
Using a 1/4 inch round-over router bit, remove the top corner from pieces D and E
Cut a 1/2 x 1-1/8 inch Rabbet Joint behind the corner that has been rounded over.

Place a center mark "J" on both of the D pieces and on the lower edge of the front and back pieces - A.
Place a center mark "K" on both of the E pieces and on the lower edge of the side pieces - B.
Line up the center marks J of the Base Skirt and the chest Front then mark the Skirt at the edges of the front of the chest. This will give the location for the two 45 degree miter cuts. Do the same for the back and side skirt pieces.



SHAWN'S FUSING GLASS TO METAL

2008 SPRING CONFERENCE DEMONSTRATION

STORY BY DAVE ENGLISH, OCEANSIDE ~ PHOTO BY JOHN THOMPSON, SAN DIEGO

Shawn Lovell had the bleachers full as she began her demonstration on how she incorporates glass into her iron work. She had a slight delay while staff rounded up the hoses for her oxy/propane torch that had accidentally disappeared with a hand truck, but they were located, and all was well in Vista.

The majority of Shawn's work is art inspired, delicate and beautiful, but some of it is surprisingly bold and heavy for a small woman. At the demonstration she worked quickly, flattening then punching a hole in one stem, gradually expanding the hole between heats with one drift after another. Her stem had a cock's comb flare above the 1/4" hole. After the hole was completed, she then welded this small stem to a larger one that had been previously prepared. (*Shawn is shown here holding a piece ready for the glass.*)

The next part is what we had come to see: the working of glass into an iron work of art. Shawn seemed to be a little tentative about the particulars of glass. While she hit all the bases, she is obviously more familiar working with glass than with its scientific principles.

Shawn used solid soda lime glass rods, calling it *soft glass*. It is the same glass that ordinary bottles are made from. She does not like using *hard* borosilicate glass because the metal and glass combinations must have similar coefficients of expansion. The soft soda lime glass is fairly close to that of iron, while borosilicate glass has about a third of the expansion. The difference in expansion between iron and hard glass could cause problems if used



on something like a fire screen. The glass could, perhaps, fall out, leaving a nice handmade hole.

While heating the glass, she pointed out that you must be careful not to boil or cause bubbles to form in the glass bead. If you do, you might as well break it off and begin again as the glass will tend to be weak and fracture. Shawn also cautioned about overrunning the iron with the glass melt because it is difficult and messy to get the glass off the iron. "You can always add glass," she said. Shawn used a 5" graphite square on which to rest the glasswork and a small graphite paddle for shaping. (Molten glass does not stick to graphite).

Glass colorants are mostly oxides of elements. As little as .2% of copper can produce a good blue, but one part in 500,000 of cobalt is detectable. Shawn spoke about color striking but said she has not yet mastered the coloring of glass.

In *Glass: the Miracle Maker* (1941), C.J. Phillips writes, "The coloring effect (of copper) is due to the cupric ion and can be obtained only under neutral or oxidizing conditions. If the glass is melted under reducing conditions, the cupric oxide dissociates to cuprous oxide, Cu_2O , which is colorless. This condition can be *frozen in* upon cooling, but upon reheating this colorless glass, both cupric oxide and metallic copper are formed. The Glassman says the color *strikes*, and the end result may be a *copper ruby* or, if much copper is present or the reheating is very strong, a copper aventurine. As much as 2.0% copper oxide is sometimes used."

The copper aventurine sounds very pretty, a possible goal for experimentation to produce a sparkling glass for iron and glass combinations.

The finished product and other examples of Shawn's work were crowd pleasers, but the handling of the equipment and materials seemed somewhat awkward, requiring some practice. A large bag of vermiculite was used to anneal the glass. Annealing glass relieves the strain, preventing premature fracture and weaknesses. She pre-warmed the vermiculite with a rod heated to red before plunging the slightly cooled iron and glass piece into it. (If the glass is too hot the vermiculite will stick to it.) Shawn said it needed to remain in the vermiculite for about 45 minutes, so we could not inspect the piece she had just done, but she had others available for the audience to see. ♣

STEPS IN GLASS/METAL FUSION

2008 SPRING CONFERENCE DEMONSTRATION

STORY BY EDEN SANDERS, SAN ANDREAS ~ PHOTOS BY ANDREW MARLOR, BONSALE



The major consideration when using heat to fuse two different materials is the cool-down rate. If the materials have widely different coefficients of expansion, cracking and shattering is a given. Since *soft* glass, the kind bottles are made of, and mild steel have similar expansion coefficients, they will fuse together. Following are the steps Shawn took.

Preparation. Shawn heated a thick piece of steel to a dull red and plunged it into a large bag of vermiculite to heat the vermiculite. She would use this warm medium to slowly cool the fused piece.

- A. The part of the steel where the glass will be fused was brought up to an even red heat by rotating the piece in an oxy-propane flame. It was then set aside for a few moments near the torch, propped in the air so that the heat would not be quickly sucked out by the resting surface material. (*Photo 1*)
- B. One end of a glass rod was rotated in the torch flame until a glob formed. (*Photos 2 & 3*)
- C. The steel was held in one hand while the soft glass rod was held in the other, both in front of the oxy-propane torch flame. (Acetylene smoke dirties the glass). This maneuver required some finesse because both pieces needed to be in continuous motion to keep them from getting too hot or too cool and to keep the glass from melting too much or breaking off. The first goal was to get the glob to attach to the top edge of the hole.

The proper temperature will cause the glass and steel to attract but the finesse is to keep the glass from breaking off the rod and to keep the melted glob only at the edge of the hole while not getting

the steel or the glass too hot. If the glass sticks to the side of the steel, it will not come off. After some practice, the color of the steel and the degree of melt of the glass will become easier to read.

- D. Once the glob was attached, Shawn continually moved the steel to keep the inside edge of the hole near where the glass rod was attached at an even temperature, while keeping the glass under control. Her elbows danced in and out and up and down to guide the flow of the glass. As the glass began to fuse along the steel's edge, she kept moving the two materials in and out of the flame to control the temperatures and to continue to fuse the glass along the edge of the hole while preheating the steel ahead of the point of fusion.
- E. After the entire edge of the hole had glass fused to it, the going got a little bit less awkward. Shawn was able to continue to fill the hole, fusing glass to glass until the hole was filled. She pulled the rod away from the piece and away from the flame while twisting it so that it would break off. The whole procedure took less than 10 minutes.
- F. After a several seconds of cooling in the air so that the vermiculite would not stick to the glass, the whole piece was plunged into the bag of warm vermiculite. The large piece of steel that had been heating the vermiculite was left in the bag to continue to emit heat while all was cooling. Shawn said it would take about 45 minutes to cool enough so that the glass would not crack when exposed to the air. She said she had not tried to fill holes larger than 1½" diameter. ♣



Saltfork Craftsmen

Artist-Blacksmith Association
Membership Application
April 2009 thru March 2010

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 to March 30, 2010

Signed _____

Return to: Saltfork Craftsmen, 1227 Fourth St. Alva, Ok 73717



Name: _____

Email: _____

Address: _____

www url: _____

City: _____

Phone: _____

State: _____ Zip: _____

Fax: _____

Country: _____

TYPE OF MEMBERSHIP:

CREDIT CARD INFORMATION:

NEW MEMBER RENEWAL

VISA Mastercard Expiration Date: _____

Regular - \$55.00 Contributing-\$100.00

Card Number: _____
Submit check, money order -U.S. Banks only, or by credit card:

Student- \$45.00 Library-\$45.00

Senior (65+) \$50.00 Foreign-\$65.00

ABANA Chapter Affiliation: _____

PO Box 3425
Knoxville, TN 37927-3425
Phone: 865.546.7733 Fax: 865.215.9964

Saltfork Craftsmen Artist Blacksmith Assoc.Inc.
1227 Fourth Street
Alva, Okla. 73717-1227

U.S. POSTAGE PAID
STERLING, OKLA
NONPROFIT
ORGANIZATION
73567

