

BAM

The leaves were budding in Doniphan



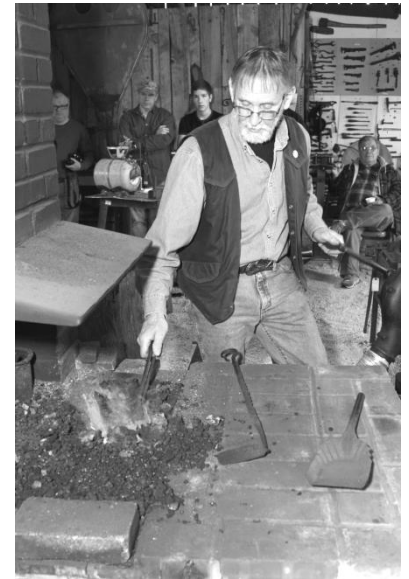
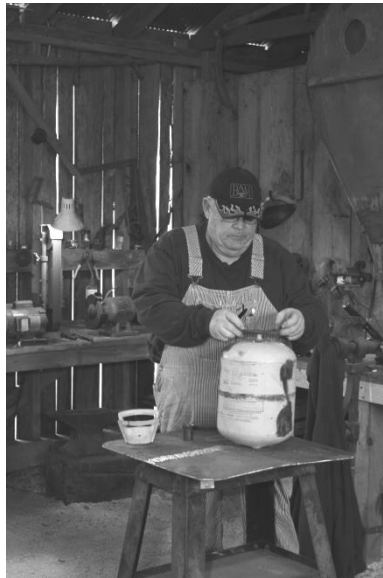
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Blacksmith Association of Missouri

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Phil makes the Freon forge look easy.



Pat makes a good show as a surprise Demonstrator.

It was a great day in Doniphan MO.



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Bob Stormer

President's Message

Phil Cox

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The Newsletter of the Blacksmiths Association of Missouri is published six times a year and is mailed to members of BAM. The annual fee for regular membership is \$30/year; a portion of this amount is for a subscription to this newsletter for one year. Editorial inquiries should be addressed to : Jon McCarty 815 Miller Street, New Haven, MO 63068; (636)359-1246, or send email to bameditor2015@gmail.com BAM membership inquiries should be addressed to: Bruce Herzog, 2212 Aileswick Dr., St. Louis, MO 63129; (314) 892-4690 or send email to bjherzog@charter.net. Occasionally some material will be copyrighted and may not be reproduced without written consent by the author. BAM welcomes the use of any other material printed in this newsletter provided the author and this organization by given credit.

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The Blacksmiths' Association of Missouri is an affiliate of the Artist Blacksmiths' Association of North America, and is devoted to the preservation and advancement of blacksmithing and to communication among blacksmiths in Missouri and surrounding areas. The Newsletter of the Blacksmiths' Association of Missouri's goal is to support these aims. Letters to the editor, tech tips, tools for sale or anything else which furthers these ends will be considered for publication.

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From the Editor

by Jon McCarty

Well, since this is our first newsletter so I thought I would take a moment to introduce myself. I am a Tool and Die designer and machinist by trade. I have been Blacksmithing and a member of BAM for a little over 15 years. My father, Pat McCarty, is an excellent teacher and has helped me along in more ways than you can imagine. Currently, blacksmithing is one of my hobbies that one day I hope to be able to do full time. My other hobbies include: RC planes, 3D printing, and building things like my CNC router.

I have recently started setting up my own shop which allows me more time at the forge. I am hoping to include many articles on the building of tools and the set up of a shop.

Heather and I have been married for fourteen years this year. We have three beautiful girls, Andrea (22), Dorian (12), and Madison (10). The youngest two have recently shown an interest in forge work. All three have many artistic talents like the grandparents.

Many of you may have met Heather already at the past conferences. She helps my mother, Mary Jo, teach the basket class almost every year. She is very supportive and tolerant of me and my various endeavors. She has been my greatest critic over the years and helps keep me in line and on task. She is the one I turn to when I need someone to listen to an idea, even when she has no idea what I am talking about. She knows when to respond with her opinion or just when to nod and a smile while I ramble on. They say behind every good man is a great woman. Well, I don't claim to be a good man. I do however, have a great woman that keeps me in line.

We both will be working on the newsletter together. We have been very excited to take on this responsibility and hope we will have the support of all of the membership. That being said please feel free to email us at BAMeditor2015@gmail.com with any contributions, suggestions, requests, or feedback. This newsletter belongs to BAM and your contributions will help keep it the best blacksmith publication available.

Heather and I have already been brainstorming ideas for articles. We have had the opportunity to peruse the entire back catalog of newsletters. We have found many great articles and have now had the benefit of seeing the progression from the beginning to now. This has been an ever evolving source of information and inspiration and we plan to continue that tradition.



BAM Meeting Minutes March 21st 2015

by Bob Stormer

Phil Cox started the meeting by thanking Chris Miller and his helpers Dennis, Steve, and Martin for hosting the BAM meeting. He also welcomed the two new members who identified themselves. Phil read a note from ABANA president David Hutchison, thanking BAM for use of the MTS trailer over the years. ABANA included a check for \$1000 for trailer upgrades/repairs as part of the thank you. ABANA also sent BAM a check for \$500 as a Site Sponsor. Phil noted that the next time we get together will be at the conference and for everyone to consider all the opportunities to make donations, such as the boutique, the auction, iron-in-the-hat, and volunteering to help with the setup, operation and cleanup activities. He also mentioned the ranks of the "Old Guard" are dwindling and remembered when they were new to the forging activity and weren't as good as they are now. This was in reference to encouraging the new members to keep working at it and they will improve with experience too. The purpose of BAM is to keep the craft alive, which requires the old guys to help the new guys. The chance to win an almost complete blacksmith shop, donated by Don Furlow, for a dollar at the conference was also mentioned. Ken Jansen is still looking for drawer pulls for his cabinet project. The dimension for the drawer faces is 3" by 5", so any pull/knob that will fit in that area will work. Don't forget to put your touchmark on it.

Phil asked everyone to bring their touchmarks to the conference for a special project on Thursday evening. Following the usual Thursday evening pot luck supper the opening fire will be lit, and there will be some forging, which will present the opportunity for everyone to put their touchmark on the piece.

Karen asked for volunteers to help with the iron-in-the-hat. More volunteers would mean less time for each person. She also reminded everyone that we need to support our vendors at the conference. There will be two book vendors available, Astragal Press and Blue Moon Press, as well as the UMBRA DVDs,

so buy your reference material at the conference. If you can only attend one day of the conference, Saturday would be the best since it has all the demos as well as the dinner and auction.

Hermann, MO needs a blacksmith demonstrator for Sept. 18-20. If you plan on selling anything, you'll need a \$16 license. Contact Phil Cox for more information. Phil reminded all present at the meeting that he gets a lot of requests for demonstrators, and you don't have to be a professional smith. You just have to know more than the visitors. Keep it simple when you're demonstrating because you typically only get about 3 minutes of anybody's time. These events are also a good recruiting opportunity for BAM.

Chris Miller said the Civil War Days will in be Doniphan April 17 -18 and invited any BAM members to demonstrate/sell items at the festival. Chris gave us a really nice private tour of the Current River Heritage Museum after the meeting was over.



From the President

By Phil Cox

The signs of spring are showing up at the Cox farm. Tress budding, grass is green, new calves are everywhere, but the surest sign of all the BAM conference is 30 days away. Never fails to sneak up on me. How could I have so much to do and wait so long to get started. I need to finish Nathan's hammer for the demo, call the chore boy so he can take care of this place while we are gone, get the dog a place to stay. Then I need to do some forging to make something for iron in it the hat, auction items, etc. Oh yes, something for the tool boxes.

We had a long drive to the March meeting at Tom Kennon Blacksmith shop in Doniphan. We did discover the curviest road in the state. Margie said that Rt.160 has to have the most curve and arrow signs per mile of any road in the state. Chris and the guys had things neat and clean for the meeting. I counted around 45 during the business meeting. We had some good Bar B Q for lunch, served in the "new" old one room school house that has just been on site about 2 weeks.

The guy doing the first demo had some trouble getting things to go his way but I finally got the gas forge completed. It really went OK. 2 hours from opening the kit to lighting the forge. I hope some of you got some tips you can use in building these nice little forges.

The second demo guy did a great job as usual. Pat got called on to do a real blacksmith demo. Being the true smith that he is he pulled off a 2 leaf demo without his own hammer and no prep time, and he made it look easy.

I read a thank you note from David Hutchinson, ABANA president, thanking BAM for the use of the teaching trailer and our continued effort to promote the art of Blacksmithing. The note accompanied the \$1,000 check to help with new forges for the MTS program. Don Birdsall reported the forges worked

well at the last class. Don did say we need to enlarge the opening in the back of the forges to allow working from both ends. I check with Steve G. and he said that would be no problem. I opened mine up today and it worked just fine.

Looking forward to see you all at the conference, April 30th-May 3rd. You are all welcome to come to the pot luck on Thursday evening. This will be followed by an opening ceremony where we will introduce the demonstrators and light the first fire. If it works out there will be a forging demo followed by a BS session. Don't forget to bring your touch mark as we will give you a chance to mark the demo piece, recording you attendance at the 2015 conference

Until next time keep your fires hot & clean and your anvil bright.

Phil



March 2015 Meeting Demonstrations

By Bob Stormer

There were two demonstrators, Phil Cox showing how he made the new gas forges for the BAM MTS, and Pat McCarty making a leaf/cowboy scarf ring and texturing a copper leaf.

The new gas forges are built using an empty Freon tank and a kit purchased from Steve Gensheimer that includes a top notch burner, pre-cut Isowool (8 lb density – the density is important), and Kaoboard front door. The kit also comes with instructions, some of which Phil adapted as noted below. The other required parts are easily made or bought separately. You can contact Steve at (609) 731-1772. His burner is available separately.

Phil began with a warning that when Freon comes in contact with a flame a DEADLY gas is the result. Do whatever you have to make sure the Freon tank is COMPLETELY empty prior to any welding or spark generation when preparing the tank. Phil saws the original valve off the tank, and drills out the spot welds to remove the handle. The handle will later be welded on the side to become a carrying handle. Next, cut a 5 1/2" hole on the end where the original handle was. Phil used a saber saw. Continue by welding the four 1 1/2" angle iron feet (about 2" long) on the side. He used a 2x4 and clamps to help hold the feet during welding. See Figure 1.

Phil used an oxy-acetylene torch and reminded everybody to only open the

acetylene valve 1 1/2 turns and open the oxygen valve all the way. He used a neutral flame and copper coated filler rod. Using a MIG welder is a good option. He had a little trouble with the welding and decided to braze the feet on instead. Then he welded the original handle on the side opposite the feet where he had previously sanded the paint off. He welded the burner sleeve on the side of the tank slightly behind the center line and close to the newly welded handle. See Figure 2. He switched to an oxidizing flame to cut the center out where the sleeve was welded. Using an appropriately sized hole saw is also an option. Phil made a wooden jig to mark the rear hole. It needs to be 3 1/2" by 2 1/4" centered on what used to be the bottom of the tank. He again used a saber saw to cut it out.

The larger round Isowool disc that was included in the kit, was then placed in the tank through the front hole and pushed up tight against the rear of the tank, covering the newly cut hole. It must be pushed tight against the rear of the tank. Another suggestion from Phil was to cover your arms with something to avoid itching later. He used Saran Wrap on his arms when was making the MTS forges.

The large pre-cut pieces of Isowool were then put in the tank. The larger one goes in first against the tank. The instructions say to roll the Isowool so you can get it through the 5 1/2" hole, but Phil found that folding it

Figure 1



Cut a 5 1/2" hole in the end where the handle was removed.

Figure 2



Attach burn sleeve just behind center and close to the handle.

Continued from Meeting Demos

like a “W” made it easier to expand against the sides once it was inside. Phil also made really nifty pair of tongs to press the Isowool tightly against the side of the tank. Figure 3 shows Phil using the tongs. See Figure 4 for a picture of the tongs. Although the picture doesn't show it, the cross pieces of the tong ends have a radius that closely matches the diameter of the tank. The idea is to press the Isowool tightly against the sides before adding the next layer of Isowool. You can do this by hand, as Phil originally did, but it takes longer than using the tongs. Phil had five forges to make for the MTS so making the tongs made sense. I think he also said he would make the tongs available if someone wants to use them.

Phil then inserted the smaller round Isowool disc, that was included in the kit, against the rear of the tank. It must be tight against the previously installed disc. He took the shorter of the two rectangular pieces of Isowool and cut a 1” strip off the width, as mentioned in Steve's instructions. He then folded the Isowool like a “W” as he did before, and inserted it much in the same as he did the outer layer before. There is less room to work now so it's a little bit harder, but use of the tongs came in handy. Make sure the seams of the two pieces of Isowool don't line up. It is recommended that they be located at about 7 O'clock and 5 O'clock so the firebrick that is used as the floor will cover them both.

The next step is to cut an “X” in the center of the burner sleeve through both layers of Isowool. The Isowool

is tucked up out of the way of the burner as it is inserted. The burner is inserted so the end of it is recessed about 3/4” from the inside of the insulation. You can now cut the Isowool away from the rear hole. The hole is sized so the forge will develop the correct back pressure. If you leave the rear hole covered, you need to leave the front door off to achieve the correct back pressure, and you won't be able to extend the work through the forge.

Phil used a standard 1” thick firebrick as the floor of the forge. If you've done everything correctly, it should be flush with the bottom of the front and rear openings. Some of the excess Isowool that was cut off should be used to pack between the burner and the sleeve to prevent flame from pushing out around the burner.

The rest of the assembly can be personalized. Use a strap of 14ga steel and a 5/16 rod as a handle to mount the door. See Figure 5 for the completed forge. You can also add a work shelf at the front opening, which wasn't part of this demo. Phil used 3/8 brake line for the hard line going from the shutoff valve to the burner.

This forge is very efficient and can forge weld with about 7lbs pressure, and forge with about 3lbs. When used in the MTS there are three forges used from one 100 lb propane tank/regulator. Phil installed a needle valve in line with the shutoff valve so each forge can be adjusted independently. Each forge weights about 15 lbs, and cools and heats rapidly compared to the refractory forges. This is a big advantage for the MTS.

Figure 3



Phil demonstrates the use of his packing tongs (Patent Pending)

Figure 4



Detail of the packing tongs

Continued from Meeting Demos

The next demos were kind of an impromptu by Pat McCarty since Phil's forge assembly didn't take as long as Chris had planned.

Pat made and textured a leaf using 3/8 round stock as material. He started by drawing a point on the stock, then doing about a 3/4 fuller about 1" back from the point to define the length of the leaf. The next step was to flatten the leaf, using the cross peen to increase the width of the leaf. When he had the shape he wanted he used the cross peen to texture the leaf as desired on both sides. After another heat he folded the leaf to define the center vein of the leaf. At this point he left the tip of the leaf open a little so he could expand the leaf after another heat. While it's folded this is a good time to add your touchmark if you want. Another heat and Pat opened the leaf again and added a little curve to the tip. He then drew out the stem so he could wrap it like a coil to make the scarf ring. See Figure 6 for the completed scarf ring.

I missed the next demo Pat did, but I've attached a picture of the result. I believe he started pre-cut steel maple leaf shape. I think he heated it and textured it using various sizes of cross peen hammers. See Figure 7 for the textured leaf.

Figure 5



The completed forge was easily lit and ran quietly.

Figure 6



Leaf Scarf Ring

Figure 7



Textured leaf

Video of Doniphan meeting can be viewed at:
<https://vimeo.com/123043526>
 Thanks Dan Fulk for posting this.

BAM MTS Workshops

By Don Birdsall

On February 28th 2015 and March 7th 2015, BAM and Ray Scott, Eminence, MO. hosted the BAM MTS beginner workshops.

The first workshop was supposed to be on Saturday February 21st but heavy snow and ice across southern, Missouri, forced us to cancel and reschedule the workshop for the 28th and March 7th.

The morning of the 28th we were greeted with more snow just as the workshop was to begin, some of the members turned around and went home. Ray and I continued with the workshop and several members stayed. At closing we were faced with several inches of snow on the roads and driving back home was a slow and long journey. Two of our new members took six hours to get home. Most of us others had shorter distances and were not on the road as long.

On Tuesday March 3rd the members who went home came back to Ray's and Ray taught the workshop. Thanks Ray.

On Saturday March 7th we had a great day for the 2nd workshop, all nine members were able to attend and we had great weather.

BAM owes Ray Scott a big thank you he is the only BAM member who has hosted the MTS workshops every year that the program has been in existence.

A plea to our members who have a workshop, these new members need a mentor who can guide and help them become better blacksmiths, if you would please call and invite them to your shop and teach them.

Stanley Shedd
Eminence, MO.
417-483-8159

Dennis Smith
Summerville, MO.
417-932-4481

John Eric Meyer
Troy, MO.
636-528-1717

Donnie Eden
Eminence, MO.
305-450-4167

Kane Davis
Mountain View, MO.
417-247-0533

William Dittmar
Buffalo, MO.
417-345-999 Home
417-345-6789 Cell

John E. Myer
Foristell, MO.
636-290-1753

Don Munson
Houston, MO.
417-967-8522

In Closing I would like to thank the members for all their hard work in redoing the MTS trailer, for the new forges, new punches and chisels. It makes conducting the workshops easier and safer. Also it reduced the amount of weight in the trailer so towing should be safer.

Don Birdsall

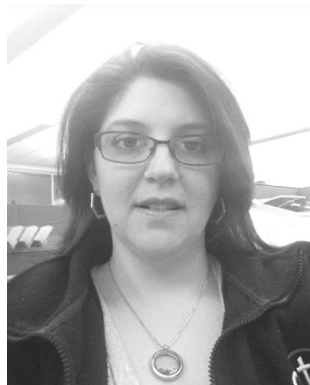
Iron~In~The~Hat March 2015 Mtg.

Donated By:	Won By:	Item:
?	Santo Guiffrida	Buggy Springs
?	Dale Cannon	Springs
William Dittmar	Dennis Mohrmann	?
Bess Ellis	Karen Bouckaert	Frog on Lily Pad
Pat McCarty	Chris Miller	Touchmark Keyring
Dan Fulk	Jeff Collins	Center Punch
Jeff Collins	Dale Cannon	RR Spike and Rail Holder
Bruce Herzog	Don Birdsall	Drill Chart
Bill Dittmar	Jeff Collins	?
Dale Cannon	Karen Bouckaert	Horse Head Wire Sculptor
Ed Harper	Don Birdsall	Bees Wax
Martin Monfee	John Gries	Metal Barrel
Martin Monfee	Dale Cannon	Metal Barrel
Martin Monfee	Mark Yates	Metal Barrel
?	Chris Miller	Staples
Don Birdsall	?	Punch Holder
Jon McCarty	Dennis Monfee	Die Pin 1050
?	Dale Cannon	Clock
?	Don Anders	Mirrors
Martin Monfee	Dan Wedemeyer	Metal Barrel
Martin Monfee	Mark Yates	Metal Barrel
Martin Monfee	James Craig	Metal Barrel
Mike Guzy	Bob Stormer	Band Saw Blades
Maurice Ellis	Chris Miller	Copperware
Jon McCarty	Dan Wedemeyer	Die Pin 1050
Bill Dittmar	Jeff Collins	Hay Rake
?	Don Anders	Calculator
Karen Bouckaert	Daniel Wedemeyer	Ball Bearings
John Gries	Don Anders	Splitter
Don Birdsall	Don Anders	Cut Off Saw Discs
Karen Bouckaert	Bob Stormer	Plastic Board
Maurice Ellis	Mike Gentzsch	Copperware
Maurice Ellis	Bob Stormer	Copperware
?	Jeff Collins	Buggy Axle
?	Dan Wedemeyer	Springs
Dan Wedemeyer	Patrick Sumner	Plow Share etc.
Maurice Ellis	Jon McCarty	Copperware
Maurice Ellis	Mike Gentzsch	Copperware
Maurice Ellis	Chris Miller	Copperware
Maurice Ellis	Chris Miller	Copperware

Iron in the Hat raised \$214. Thank you do everyone who donated items.

Historic Forge

By Heather McCarty



While going through the archived BAM newsletters Jon and I discovered some really great articles. As Jon mentioned before, we have been married for 14 years. In those 14 years I have gotten to know some really great Blacksmiths, and have grown to love this trade. I have even gotten behind the forge myself before. In taking on this new role as Editor... aka.. Editor's Wife. I thought it would be great to bring back some articles from the past.

"Never Forget Where You Came From And Never Take Your Eyes Off Where You're Heading"

In Praise of Trade Items

By Doug Hendrickson - Volume 3 No 5

1986

At each meeting of BAM we bring an item to trade with our fellow members. The person hosting the meeting decides what the item will be. At the business meeting we throw our names in a hat and draw to see who gets who's iron work. In the past we have traded pokers, boot scrapers, coat hooks, horseshoes, and trivets, just to name a few.

This is a wonderful tradition with many benefits. I personally like the pressure it puts on me to work up a unique piece. I want to look as good as I can in front of my friends.

The chance to see how others deal with the same problem is always interesting and educational. Each smith interprets the project in their own personal fashion. Style, preference, direction, and level of skill contribute to making the whole process all the more exciting. Some approach it from a traditional point of view, others allow their imagination to run wild. Experts and beginners alike get into it and when the drawing is made no one is disappointed.



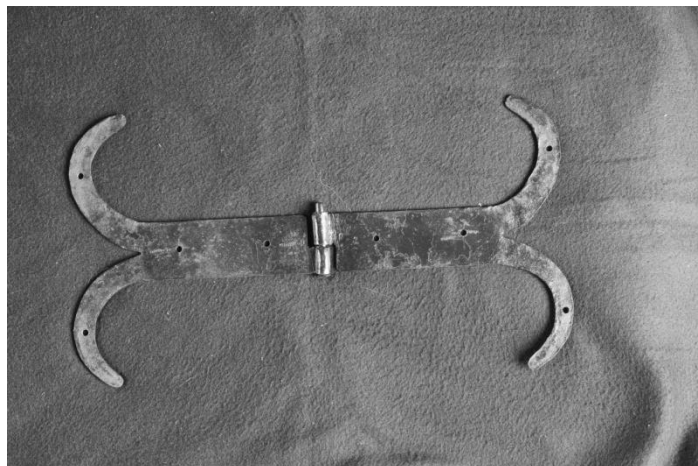
March 2015

Trade Items - Set of Hinges



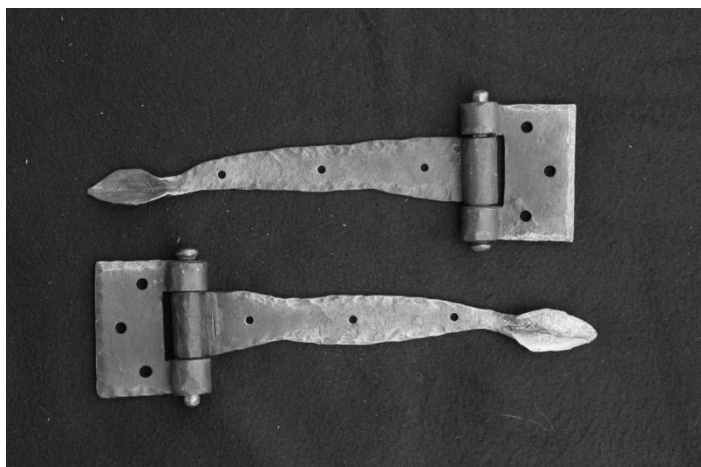
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Santo Giuffrida

Traded To:
Tom Craig



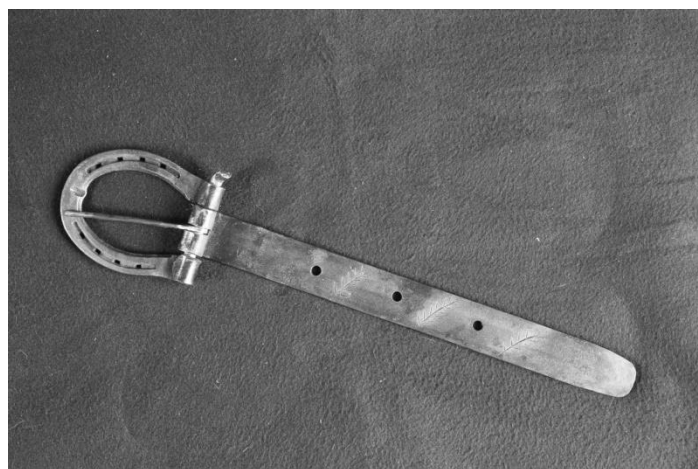
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Traded To:
Dennis Mohrmann



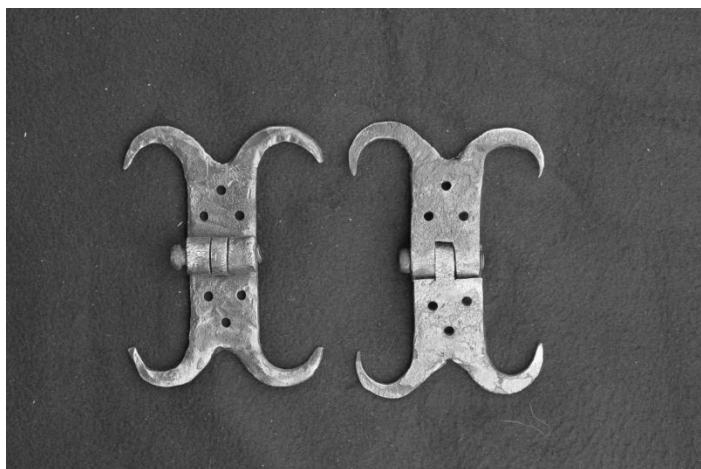
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Dan Wedeneyer

Traded To:
Randy Carrier



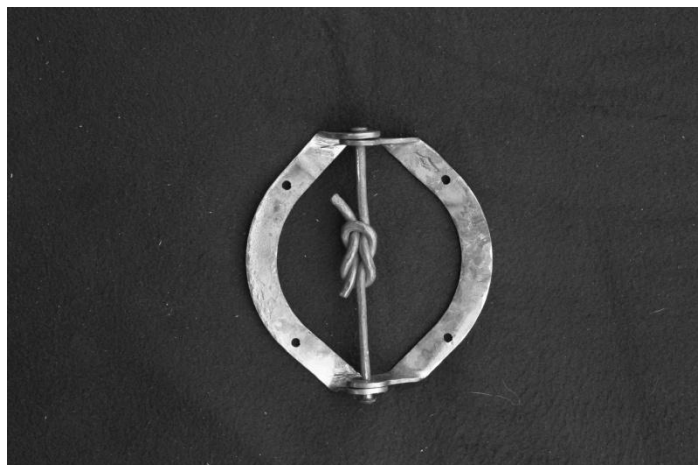
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Traded To:
James Craig



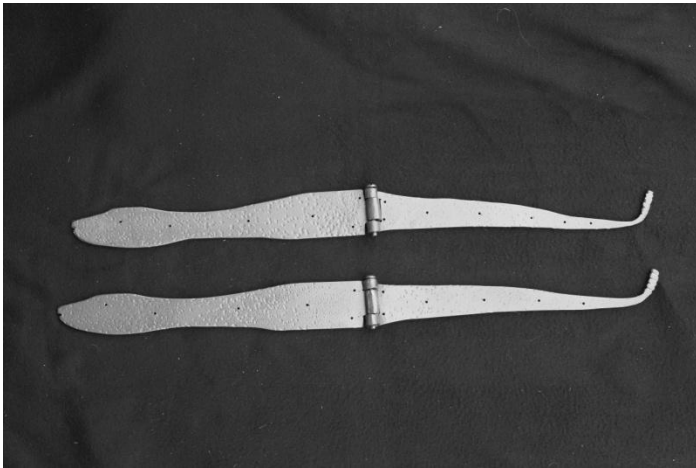
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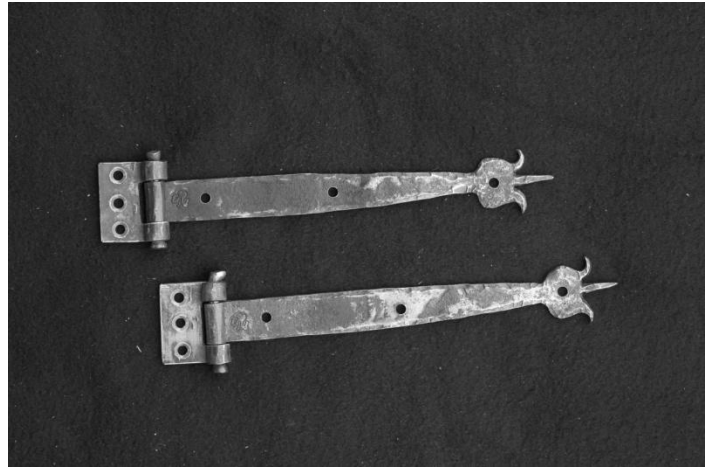


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Harold VanDeMark

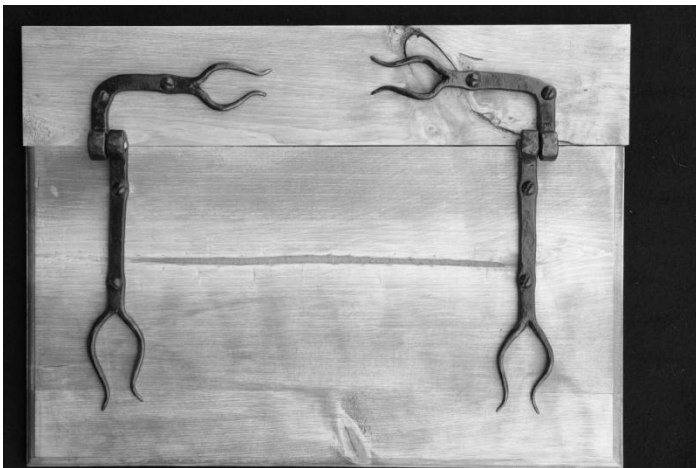
Traded To:
Chris Miller



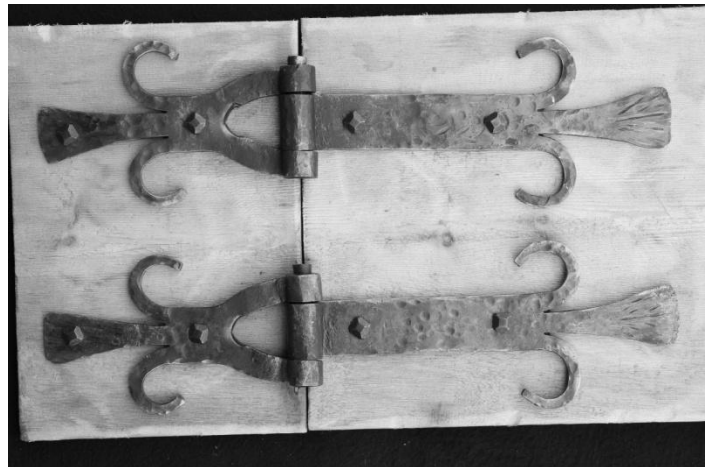
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Traded To: John Gries



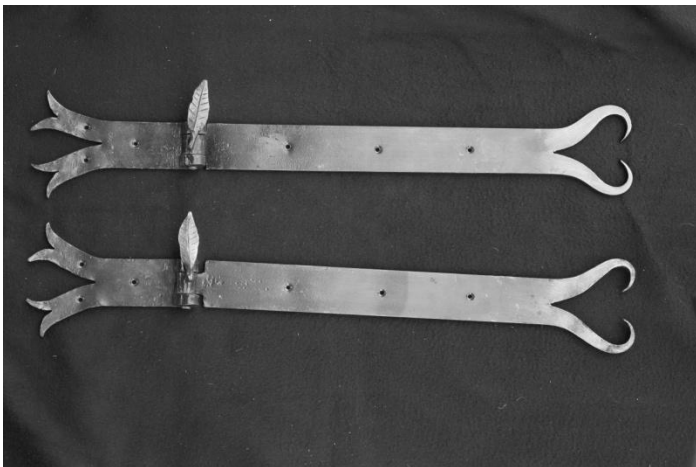
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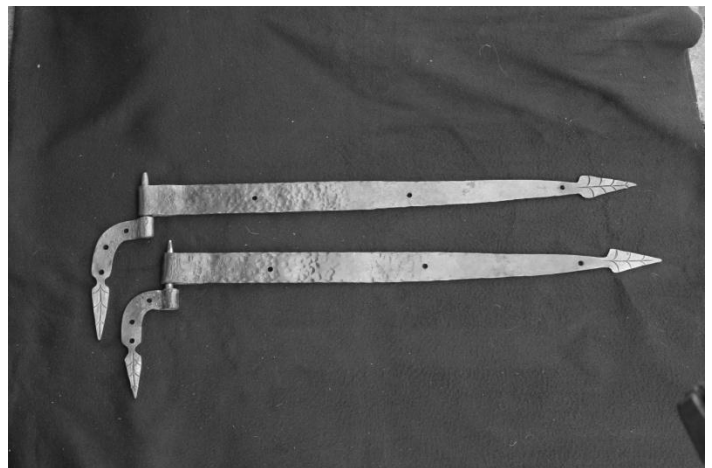
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Traded To: Dan Wedemeyer



Made By: John Gries
Traded To: Harold VanDeMark



Made By: James Craig
Traded To: Pat McCarty



Made By: Chris Miller
Traded To: Bob Stormer



BAM Scholarship/Grant Program

- I. Scholarships and Grants will be awarded by the Scholarship/Grant Committee to BAM members in good standing and have been an active member of BAM for two years. Decisions of the Committee will be final.
 - II. Scholarships up to the amount of \$1000 will be granted by the Scholarship/Grant Committee to an individual (1) to attend a recognized educational program or (2) to train under a recognized blacksmith craftsman (see notation on page 2) for the purpose of learning new and/or advanced blacksmithing skills. The submission of an appropriate application is required.
 - III. Grants of \$250 or \$500 can be made by the Scholarship/Grant Committee to (1) fund a workshop in a member's own shop (2) train and/or share skills with fellow blacksmiths or (3) to complete a one on one mentorship with a skilled blacksmith craftsman for skill enhancement. The submission of an appropriate application is required.
 - IV. The Committee is to consist of 3 members who serve rotating 2 year terms appointed by the BAM President. The President will appoint one of these members chairman of the committee.
 - V. The Committee will be responsible for publicizing the Scholarship/Grant Program and for suggesting changes to these guidelines as may seem appropriate. Changes are to be approved by the Board of Directors of BAM.
 - VI. The Committee will determine the number and amounts of scholarships/grants based on the amount of funding approved by the Board of Directors.
 - VII. The Committee Chairman will have the responsibility of requesting funds from the Board of Directors for the calendar year.
 - VIII. Eligibility: Only members in good standing in BAM may receive scholarships and grants and the scholarship committee members are not eligible to receive a scholarship/grant while serving on the committee. No member may apply for a scholarship within one year after receiving a previous scholarship. Applicants who have not received a scholarship within three years prior to their application will be given priority.
 - IX. Applications must be received 30 days before the date of the award unless waived by the Committee Chairman and/or President of BAM
 - X. **Scholarship Recipient:** Every Scholarship recipient, within three months after completing the event for which the scholarship is granted must submit a written description of the event to the BAM Newsletter (appropriate pictures and diagrams may be included). Within one year, the recipient must also demonstrate what was learned as a consequence of the scholarship either at a BAM meeting or on a video tape to be placed in the BAM Library.
 - XI. **Grant Recipient:** One of the following four options can be selected: (1) chose to write an article for the BAM Newsletter describing the workshop they conducted or the skills taught to fellow members; (2) write an article describing the mentorship experience; (3) provide diagrams and directions of the items made during a sponsored workshop; (4) present a demonstration at a BAM meeting.
 - XII. The Scholarship/Grant Committee will prepare an appropriate application forms for both the Scholarship and Grant Program. In addition, the forms will be published in the BAM Newsletter
 - XIII. Scholarship and Grant applications must be submitted to the Scholarship Chairman, Esther Digh, 6792 CR 424, Fulton, MO. They will be shared with the other committee members and a decision will be made. The recipient will be notified in writing of his/her selection.
 - XIV. Questions about Scholarships or Grants can be addressed to the Scholarship/Grant Chairman.
- Please note:** Members of the Scholarship Committee may contact applicant for additional information on the individual(s) teaching the selected event.

SCHOLARSHIP APPLICATION

Name:

Address:

Phone Number:

E-Mail Address:

The education program/workshop do you wish to attend:

The location of the event:

Individual responsible for the event and/or teacher for the event:

Identify the costs to attend the event:

Tuition

Travel

Lodging/meals

Other

Briefly, describe how attending the particular class/event will advance your blacksmithing skills and be helpful in promoting the craft of blacksmithing. Identify the specific skills you expect to learning during this learning experience.

I understand that as a requirement of receiving this scholarship, I will be required to submit an article about the education experience attended with appropriate notes and diagrams to the BAM Newsletter no later than 3 months after attending the event AND within 1 years of the event, I will present a demonstration of the newly learned skills at a BAM meeting or complete a video tape to be place in the BAM Library.

Signed _____ Date _____

Mail to Esther Digh, 6792 CR 424, Fulton, MO 65251

GRANT APPLICATION

Name:

Address:

Phone:

E-Mail Address:

Identify one of the two options for Grants you wish to complete:

Identify the objective(s) of the workshop to be conducted or the objective of the mentorship:

Identify the instructor of the workshop or the mentor selected for the educational experience:

Identify the expected outcomes or skills to be learned from this experience:

Identify the costs of this educational experience (materials, fuel, travel, handouts, propane, etc:

Select one of the following to complete after the educational experience:

- ____(1) Write an article for the BAM Newsletter about the workshop conducted and the skills taught;
- ____(2) Write an article describing the mentorship experience;
- ____(3) Submit diagrams and directions for making the items made during the workshop;
- ____(4) Present a demonstration at a BAM meeting.

Signed: _____ Date: _____

Mail to Esther Digh, 6792 CR 424, Fulton, MO 65251

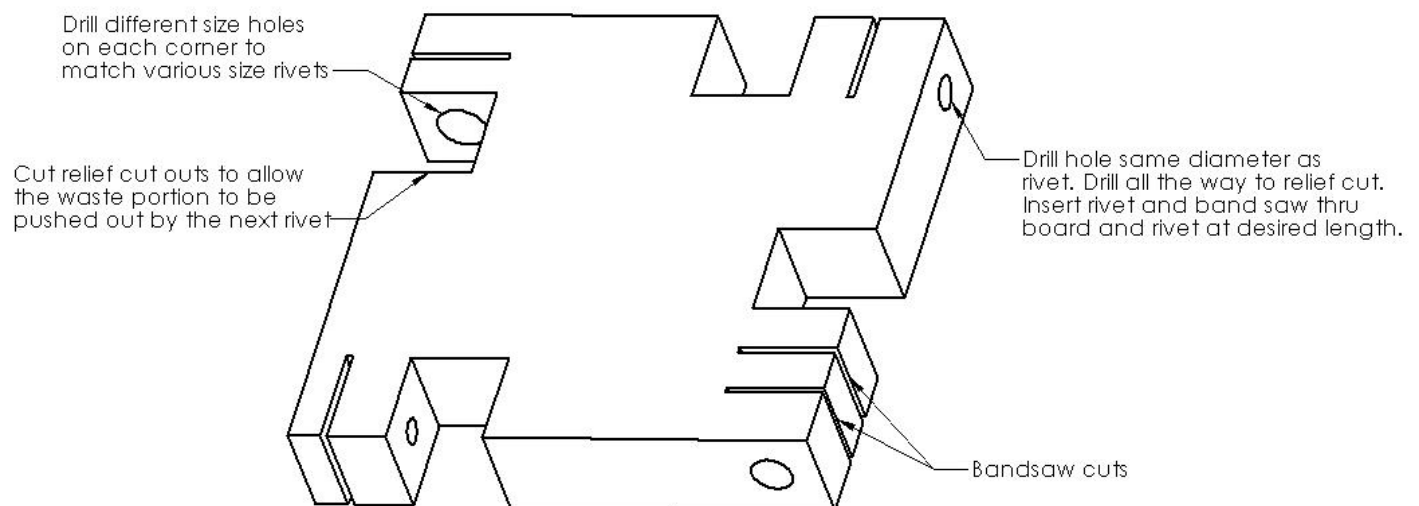
Shop Tips

By Bernie Tappel

This is my rivet cutting jig that I came up with after ruining a fairly new bimetal bandsaw blade by trying to cut a rivet while holding it in a vise grip. Just use a $\frac{3}{4}$ inch scrap block of hardwood and cut it out as per the diagram. Drill the holes indicated in the corners that correspond to the various rivet sizes used.

Simply insert the rivet from the outside corner, apply a little finger pressure on the head to keep it from spinning and cut through the block and the rivet to the desired length. The waste portion of the rivet will remain in the hole, but will be pushed out into the relief cut when the next rivet is inserted in the hole. I use this on the bandsaw with the saw in the upright position with the table installed. I have seen several different methods for holding rivets while using a hacksaw but this is much faster and easier to use.

Bernie



Upcoming Events

April 30th - May 3rd -BAM Ozark Conference, Sedalia, MO

June 13, 2015 - BAM meeting Ned Digh, Ham's Prairie, MO 573-642-9502

June 20, 2015 - Submission Deadline for newsletter.

July 18, 2015 - BAM meeting Matthew Burnett, Cameron MO ph: 816-575-2798 Trade item: Anything made from one or more rail road spikes.

August 2015 - Missouri State Fair, Sedalia, MO contact Kent Harbit (660)-647-2349 to volunteer

August 2015 - Hamilton Steam show,

September 12th, 2015 - BAM meeting Rolla, MO Don Birdsall The trade item: Blacksmith art (everyday items laying around our shops, unfinished items, mistakes, etc turned into an art object

November 2015 - BAM meeting, Phil Cox, Hamilton, MO 816-583-4337

January 2016, - BAM Meeting, A & K Cooperage, Higbee, MO 660-456-7227

BAM Tailgate

Buy, Sell, Trade

Individual Classified ads

For Sale: Anvil's Ring Magazine collection Sept '73 thru Present. \$350 Bob Woodard Edwardsville, IL 618-692-6508

For Sale: Heavy duty blacksmith leg vice \$40.00 or best offer. Robert Kimble, Auxvasse, MO PH: 573-386-5707

Real slate chalkboards for your shop various sizes and prices call Matthew Burnett for details (816) 575-2798

Commercial / Resource ads

Services:

Beverly Shear Blades Sharpened. Remove blades from shear and ship to Clay Spencer, 73 Penniston Pvt. Drive, Somerville, AL 35670 \$41 includes return postage, additional cost for deep notches or blades previously sharpened at angle.

Little Giant-- We can do repairs on any or all components of your Little Giant front assembly. Contact Roger Rice, Midwest Machine, 6414 King Road, Nebraska City, Nebraska 68410. (402) 873-6603

Roller Blade Treadle Hammers (Clay Spencer design) for Sale or Workshops led to build hammers. Bob Alexander, e-mail to scruboak4@netzero.com, or call 636-586-5350.

Information / Education:

Tong Making Class--Weekend Course, 4 people per class - \$125 per person. Contact: Charles Comstock, Rt.1 Box 20, Deerfield, MO. 64741 (417) 927-3499, or (417)-321-2286 cell

Back issues of Jerry Hoffmann's Blacksmith's Journal, Call 1-800-944-6134 for more information.

Classes offered, The Ornamental Iron Shop
Contact the instructor to register and customize your class.
John D. Thompson – Metalsmith
3923 Hwy 25; Hodges, SC 29653 864-374-3933

Classes at Pieh Tool Company, Inc. - Camp Verde, AZ
The Bill Pieh Resource for Metalwork.
Call now for more information and to enroll:
(928) 554-0700 or (888) 743-4866. www.piehtoolco.com.

Mathias Penn is offering introductory & beginning blacksmith classes. 417-683-9000 Tytheblacksmith@yahoo.com

oldschoolcrafts Blacksmith School, Joe Davis 12625 Lawrence 1175, Mt Vernon, MO 65712 phone 417-461-0387 on the web www.oldschoolcrafts.org E-Mail oldschoocrafts@hotmail.com

David Norrie blacksmithing school in Colorado
David Norrie 303-859-0770
<http://www.forgewithintention.com>
or <http://www.davidnorrie.com>

The Upper Midwest Blacksmiths Assoc (UMBA) video library. An index list can be viewed at www.umbaonline.org They are VHS or DVD-R Cost is \$5 each with \$2 per order shipping There is no return date, you keep the video for this price. All videos are made at group demos, no commercial titles.

Blacksmithing E-books on CD

Now eight titles are available on CD, \$4/each, or all eight books, \$24 postpaid. More books are in production and will be available soon- order on-line at www.blacksmithingebooks.com, or check/MO to Brian Gilbert, 3404 Hartford Dr., Chattanooga, TN 37415.

Ray Clontz Tire Hammer Plans by Clay Spencer
Send check/money order for \$30 to Clay Spencer, 73 Penniston Pvt. Drive, Somerville, AL 35670-7013. Includes postage to US and Canadian addresses. Other countries e-mail clay@tirehammer.com for price. 256-558-3658. Tire Hammers for sale contact me for current price

New England School of Metalwork

www.newenglandchoolofmetalwork.com 1-888-753-7502

Power Hammer page

I've taken some time to collect and post old info, catalogs and brochures on power hammers. The link of our NEB web page to this information is:
http://www.newenglandblacksmiths.org/power_hammer_info.htm Ralph Sproul

Rochester Arc & Flame Center! Featuring Blacksmithing, Welding & Glass Blowing Over 30 classes available for all levels of interest, rocafc.com 585-349-7110

For Sale: Power Hammer instruction DVDs. \$125 per set. Clifton Ralph, 4041 W 47st, Gary, Indiana, 46408 (219)980-4437

Products:

Scrub Oak Forge: We still have the Ozark Pattern anvils, and hand hammers. For more info on the tools, contact Bob Alexander at 636-586-5350 or scruboak4@netzero.net

Heavy-Duty Fry Pan Blanks 9" diameter, tapered sides 12 or 13 gauge steel (approx. 2 pounds) no predrilled holes for the handle \$12.00 each..1-4, \$10.00 each..5-9, \$9.00 each...10+. shipping:\$5.00 plus\$1.00 each frypan Bob Tuftee 563-332-4800 6 Hollows Court LeClaire, IA 52753

L Brand Forge Coke now packaged in 50 pound bags on pallets. Send your zip code for a quote on price including delivery. 1-678-360-3521 or LBrandForgeCoke@aol.com.

Chile Forge- Next generation gas forges
www.chileforge.com David Starr 520/360-2141

Kayne and Son Custom Hardware, 100 Daniel Ridge Road, Candler, NC 28715. (828) 667-8868 fax (828) 665-8303, e-mail:

kaynehdwe@charter.net, web site:

www.blacksmithsdepot.com.

Offering a full line of blacksmithing equipment. We ship and accept Visa and Mastercard.

D.L. Schwartz Co. Blacksmith and Farrier supplies.
2188 S. US 27, Berne, IN. 46711, 1-800-955-3064

SOFA fire pots are once again available. For information contact

Bob Cruishank, 1495 W. Possum Rd., Springfield, OH.

45506 Phone: (937) 323-1300 or

www.creativeironforge.com or

www.sofablacksmiths.com

USA Dealer for REFFLINGHAUS ANVILS, 77 to 1250 lb. European 2 horn with or without upsetting block & side shelf.

Over 100 sizes and styles available. Guaranteed face @ HRC59

Dick Nietfeld www.blksmith.com Phone (308) 384 1088

Wanted:

Blacksmith business cards. I would like to put together a collage of Blacksmith business cards. Bring them to a meeting or mail them to me with your dues.

Bruce Herzog

2212 Aileswick

St. Louis, MO 63129

Demonstrator needed for the Lake City Rendevous & Black Powder shoot, April 18th-19th Buckner, MO . (816) 249-3194

Demonstrator List

Fred Weisenborn has started a list of members available for demonstrations, fairs, historic events, and festivals, etc.

417-589-2497 e-mail: jweisenb@llion.org

Hammer In

BAM member: Patrick Hill

Date: April 25th, 2015

Time: 10am to 3pm

Where: Fenton's Collectibles, I-44, exit 67, near Republic MO

Contact: 417-693-2958

Fenton's Collectibles is letting the members of Knights of Pythis lodge and Republic Masonic lodge, use their parking lot and adjacent field to host a small hammer-in.

There will be 3 or 4 forges set up, with some demonstrations. John Fenton and his family will be demonstrating hot glass. There will be a swap meet on site with hot dogs and burgers for sale around lunchtime.

This is open to the public, hope to meet some new blacksmithing friends!

Patrick "Beagle" Hill

Around the Anvil BAM has it's very own E-Mail news group. If you would like to participate there is a sign up link on the bamsite.org or send an E-Mail to Bernie Tappel at bamweb@embarqmail.com and he will get you signed up.

Check out back issues of BAM newsletter on www.bamsite.org. It now has a search feature to help you find old articles.

Ad Policy: Blacksmith related ads are free to BAM members. Personal ads will run for two issues.

Resource ads are ongoing at my discretion. Send to BAMeditor2015@gmail.com, or call 636-359-1246

Anderson, Steve
2941 North Gouverneur Apt 114
Wichita, KS 67226-1755
stevenvicki2@gmail.com
316-992-5769

Cannon, Dale
2695 CR 480
Poplar Bluff, MO 63901
boomklick@gmail.com
573-772-0385

Eden, Don
P.O. Box 529
Eminence, MO 65466
305-450-4167

Jenkins, Jack
3246 County Road 328
Fulton, MO 65251
jumpinJackxxx@aol.com
573-592-0571

McKinney, Rick
7728 Local Hillsboro Road
Cedar Hill, MO 63016
richardmckinney@att.net
636-285-0534

Ronssin, Philip
1103 North Taylor Ave
Crystal City, MO 63019
sh1pbr@me.com
314-600-1981

Stanton Jr, Thomas J
3423 Ryan Road
Arnold, MO 63010
stantont@citi.com

Trenshaw, Aaron
12546 Wedd Street
Overland Park, KS 66213
573-680-1234

Williams, Rick
3667 East Lakeview Drive
House Springs, MO 63051-1425
crazyric@att.net
314-393-8921

Boyd, Gary
708 Woodridge Drive
Columbia, MO 65201-6541
garemon@gmail.com
573-886-9663

Claycomb, Gerald
4 Cedarbrook Dr Apt 2W
St Charles, MO 63301-1574
gcclaycomb@gmail.com
417-631-9650

Farrar, Gabreil
14999A NE CR 5313
Adrian, MO 64720
gabrielfarrar11@gmail.com
816-739-1307

Johnson, Ronald
16 Ken Drive
Fenton, MO 63026
rodnej.j@gmx.us
636-236-1006

Meyer & Family, John
545 Forest Park Drive
Foristell, MO 63348
johnmeyer10@gmail.com
636-290-1753

Scally, Dennis
116 Cedar Crest Court
Weldon Spring, MO 63304
scallydm@gmail.com
314-220-2592

Sumner, Patrick
3935 Connecticut Street
St. Louis, MO 63116
marbidstl@live.com
314-771-8232

Underwood, Lane
Hc2 Box 21
McGee, MO 63763
allenunderwwod@gmail.com
573-270-5103

Winberry, Matt
300 Mill Stone Drive
Moscow Mills, MO 63362
winberrym@gmail.com
636-474-9666

Brasier, Steve
4335 Hwy AK
Robertville, MO 63072
636-271-4638

Davis, Kane
HCR 67 Box 63
Mountain View, MO 65548
417-934-6039

Hogue, Thomas
19216 Ralls Road
Frankford, MO 63441
thomashogue96@gmail.com
573-213-3123

McElroy Jr, David
6786 Lucky Lane
Neosho, MO 64850
918-541-6030

Quackenbush, Neal
P.O. Box 361
Wellington, MO 64097
neal@questrail.com
816-699-8097

Smith, Dennis
RR 61 Box 1580
Summersville, MO 65571
417-932-4481

Tappel, Alex
310 Busch Road
Jefferson City, MO 65101
tappelkids@gmail.com

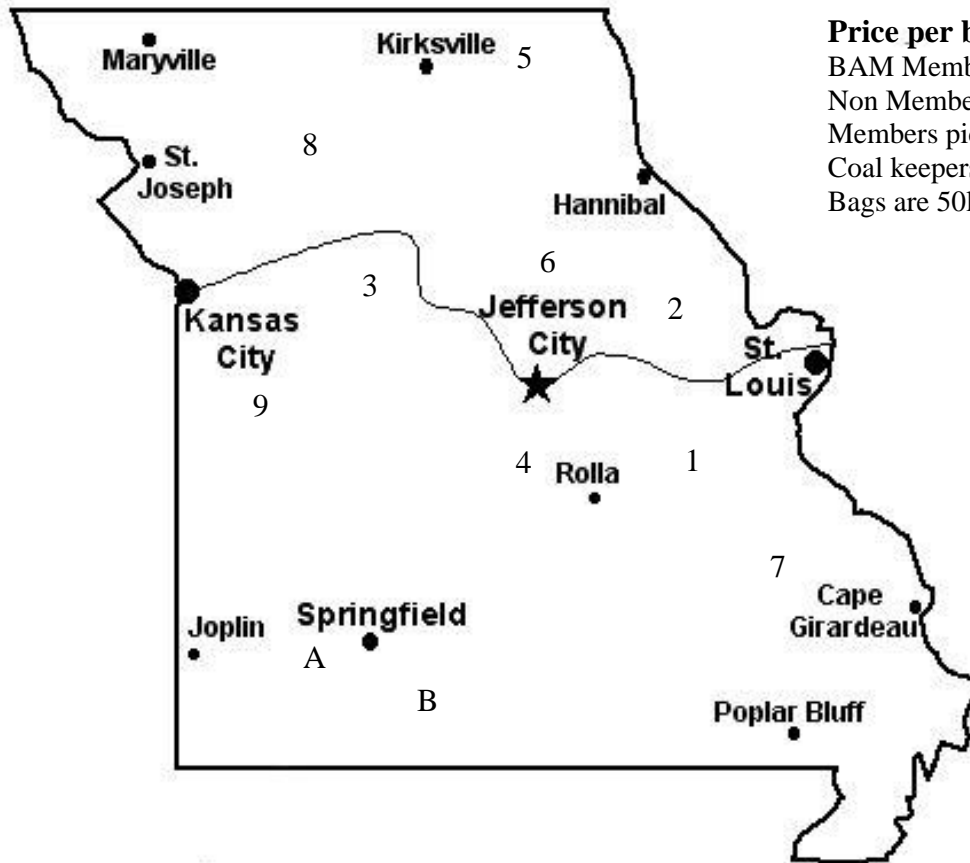
Welte, Timothy
P.O. Box 708
Kirksville, MO 63501
twelte@cableone.net
660-342-6345

Yates, Mark
809 Cottage Road
Bonne Terre, MO 63628
myates001@charter.net
573-358-2573

Welcome New Members
Take a moment to welcome our newest members.

BAM Coal Stations

Coal Captain: Bob Alexander



Price per bag:

BAM Members \$14.00

Non Members \$19.00

Members pickup at Bob Alexander's - \$12.00

Coal keepers earn \$3.00 per bag

Bags are 50lbs. each

1. Bob Alexander (636) 586-6938
14009 Hardin Rd.
DeSoto, MO 63020

5. Joe Hurley (660) 379-2365
or (660) 626-7824
Route 1 Box 50
Downing, MO 63536

8. Fred Warner (660) 659-2406
cell phone (660) 247-1477
303 N 2nd Street
Wheeling, MO 64688

2. Ken Jansen (636) 366-4353
2257 Carter Rd.
Moscow Mills, MO 63362

6. Paul Lankford (573) 473-7082
25849 Audrain County Road 820
Mexico, MO 65265

9. Bryan Lillibridge (660) 638-4536
1545 NW 300
Urich, MO 64788

3. Doug Clemons (660) 595-2257
29377 Durango Ave.
Malta Bend, MO 65339

7. Mob Maes (573) 866-3811
Route 1 Box 106 K
Millersville, MO 63766

4. Jerry Rehagen (573) 744-5454
390 Bozina Valley Trail
Freeburg, MO 65035

Non BAM Coal

A. Tim Johnson, Springfield, MO 417-886-8032 - \$.40/lb. check, \$.35/lb. cash. Bring your own containers.

B. Good blacksmithing coal for sale \$13 per 50# bag with bulk delivery available.

Matthias Penn Rt. 1 box 479-S Ava, Mo. 65608. (417)-683-9000.

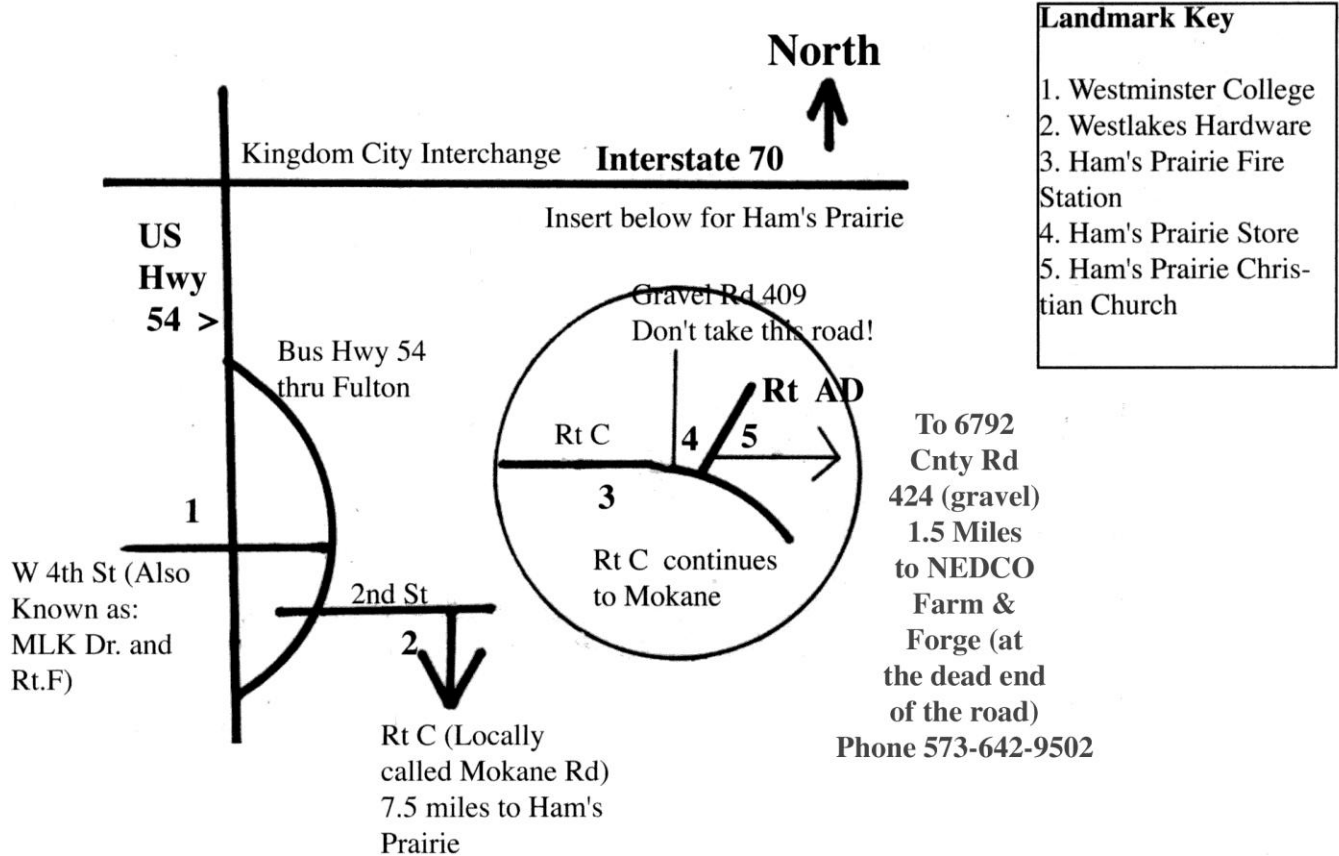
Or e-mail tytheblacksmith@yahoo.com.

BAM
2212 AILESWICK DR.
ST. LOUIS MO 63129

Please send changes to Bruce Herzog, 2212 Aileswick Dr., St. Louis MO 63129 or e-mail to bherzog@charter.net

Next Meeting: June 13, 2015

Ned & Esther Digh - Hams Prairie, MO.



Trade item: Any type of outdoor cooking item.

Food will be available. This will be our annual drive to collect food for the local food pantry. Bring two canned meat items in exchange for lunch. If you forget the canned food items, we will have a cash bucket set up for donations.