

RAM

September / October 2018



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Volume 35, No 5

Blacksmith Association of Missouri

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President's Message

Steve McCarthy

Mailing Labels

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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)432-4468, or send an 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 are given credit.

Membership Application

Name: _____

Address: _____

City: _____ State: _____

Phone: () _____

Zip: _____

E-mail: _____

New Member Renewal ABANA member

Are you interested in taking a class?

How did you learn about BAM?

ABANA Membership Application

Primary ABANA Charter Affiliation: _____

Name: _____

Address: _____

City: _____ State: _____

Phone: () _____ Zip: _____

New Member Renewing Member

Includes a Subscriptions to the Anvil's Ring and The Hammers' Blow magazines

Regular Member -----\$55 yr.

Senior Citizen (Age 65+) -----\$50 yr.

Full time student -----\$45 yr.

Overseas membership -----\$65 yr.

Contributory-----\$150 yr

Public Library-----\$45 yr.

President Report

By: Steve McCarthy

Hello everybody. I hope this finds you in good spirits and body. The coming of Fall always puts me in a little better spirit. The temperatures start to drop and the leaves start changing, and in just a little bit it will be deer season.

The September meeting was the first time I had been to Matthew Burnett's shop. It is a little hard to find, but is a beautiful farm. The view out of the shop is simply gorgeous. I have never seen a forge like Matthew's. The forge table and chimney resemble the many brick forges I have seen, but it is all built out of rock from the farm. The forge table and firepot is one big rock slab. The firepot is carved into the rock and lined with wetted ash from the wood stove. Air is supplied with a side blast that comes in from the back. It works very well and is truly unique. Matthew's demo was making tongs. He made a pair of square/round bar tongs and a pair of bolt tongs. He made the working ends with hammer and anvil and drew out the reigns with his tire hammer. Making tongs always gives me fits. Matthew made it look so easy. And it is really I guess, after you have made as many as he has. Matthew also has 6 or 7 forge and anvil stations set up for the classes he teaches. Matthew is a first rate blacksmith and good teacher. If you are thinking about taking some classes, I suggest you contact him.

Karen couldn't make it to the meeting so Margie Cox filled in selling Iron In the Hat tickets and helped me with the drawings and trade items. Thank you very much Margie!

Until we meet again, Happy Hammering.



Editors Ramblings

By: Jon McCarty

Well I am just about at the end of this years Demo's. For my first year doing my own shows and my first year at the St Louis Renaissance Fair I have sure learned a LOT. I thought I would share a few of those things.

1. Do not bring more than you need. This goes for tool, and projects. Bring plenty of finished goods but only bring what you need. Our tools, wares, and stock are heavy. If you bring it you have to unload it, and then load it up again at the end. I learned this one the hard way. In 90+ degree weather you do not want to be moving around more stuff than you need to.
2. Plan your projects. If you are doing general demonstrations, plan what you want to demo. This goes along with number 1. I did better at the Ren fair than I did at the first festival I demonstrated at this year. I brought enough stock and tools along to do just about anything. Without a plan I had no idea what to bring so I brought it all.
3. Plan for weather. Keep the projects small on those 90+ degree days and plan for some shade. This last one also goes along with #1. It was 93°F and I had way too much heavy lifting to do after 7 hours of demonstrations
4. Last but maybe should be first, have fun. If your not having fun then why are you doing it. You really have to enjoy what we do to drive 2 hours one way, set up as a demonstrator and vendor, break even on your trip and still want to do it again next year. I had a blast at our first show and while we did not really make any money we did cover almost all of our expenses for the weekend and met some really cool people.

We plan to do it again next year and hopefully add another show or two if I can find some opportunities.

Grinder Workshop

I have had a few people contact me about the workshop so far. Not enough interest yet to start planning anything. If you are interested the cost will be about \$1000 to build a 2HP variable speed 2x72" belt grinder. Send me an email at : BAMeditor2015@gmail.com if you are interested. And I will add you to the list.

IRON

Iron is in our blood both literally and metaphorically. Iron is all over our galaxy and is one of the most plentiful elements on earth. Iron can be plastic and tenacious, hot/cold, feminine/masculine, cheap/valuable.

Many paradoxical relationships could be cited and I'm sure we each have our own personal affair with this wonderful stuff that has brought us here. Is it any wonder that ingenious and creative people like Elizabeth Brim, Tom Latane, Toby Hickman, Alice James, Tom Joyce, Walt Hull and many others of you have chosen iron as the medium to express and explore ideas.

While I truly love a broad spectrum of iron objects the most interesting ideas play with the relationship between iron and the space within which it exists. This concern for the Positive/Negative is beautifully expressed in Lao Tse's 4,000 year old poem which I would like to read for you- except I

forgot it at home- here is a rough paraphrase. I think the Ying-Yang says it very well. Music is totally dependent on space for without a quiet place (space) where nothing happens we would have nothing but a roar of sound. Think of Miles Davis' sound, the chank-a-chank of Cajun, the rhythm of an Irish jig. It's not only the notes it's the natural space between them that define the tunes.

This discussion of the relationship between what is and what ain't is a given and we can't ignore it. Lao Tse says meaning and function exist because of space.

Our work, humble or grand also lives within and works with the great negative. Ancient Greek philosophers understood this. Chaos was a great emptiness that had the potential of becoming, like an empty womb which can give life. Might not our own work prosper by a constant awareness of these areas?

Doug Hendrickson "Dr. Iron"



Hammering at the St. Louis Renaissance Fair



Finishing up one of the grinders at the first workshop. For those who have not seen the grinders from the workshop.

Meeting Minutes ~ September Meeting

By: Bob Stormer

President Steve McCarthy opened the meeting by thanking Matthew Burnett for hosting, demonstrating and providing food for the meeting. He also thanked Mike McLaughlin for doing a lot of the cooking. Sorry I missed the pictures of that.

Bruce gave the financial and membership reports. BAM membership went up to 621 since the July meeting.

Michael Gorzel talked about the status of the 2019 Conference plans. Tammy Bagley is going to conduct a stained glass kaleidoscope class as a family project at the conference. Michael was trying to get Jerry Fisk for the knife maker demo, but hasn't been able to get a confirmation. He is looking for suggestions for demonstrators for 2019 and future years. If you have any suggestions for demonstrators or any conference activity, please contact Michael at 636-447-4309 or email at mo.blacksmithconference@gmail.com. Michael also suggested doing a bench project at the conference, similar to the chain project two years ago. The bench would be donated to the State Fair grounds. Anyone interested should contact Michael as noted above. Bruce Herzog suggested the possibility of reducing the pre-registration for the conference to \$45 to potentially boost conference participation. After some discussion, Don Nichols made a motion to reduce the pre-registration amount to \$45, and \$60 after the pre-registration deadline, and the motion was seconded and passed by a show of hands. More details will be discussed at the January 2019 meeting, where the final specifics will be decided.

Steve McCarthy revisited Willey Bagley's request to use the MTS trailer for a Boy Scout merit badge workshop at LaPlata, MO. Bruce Herzog had contacted the BAM insurance agent and determined there is no BAM insurance problem with letting the MTS be used for this purpose. Willey confirmed that the Boy Scouts had made arrangements to supply all expendables, including propane. All participants will be a minimum of 14 years old, and Bill George will help with the teaching. The dates for the project will be Oct 26th – 28th, 2018. A motion was made, seconded, and passed with a show of hands to allow use of the MTS trailer as described above.

Kent Harbit mentioned that one of the BAM forges

used at the State Fair is rusted through above the smoke inlet opening. After some discussion of alternatives, including making new hoods, the decision was made to allow Kent, his brother Hollis, and Dennis Yates to make the necessary repairs; including lowering the top of the hoods by 6 inches so they will stand up in the new trailer.

Kent also noted that the tables used at the State Fair belong to Dennis and suggested BAM consider buying some tables that would also be used at the conference, reducing the table rental fees. The tables would be stored in new BAM trailer. After some discussion, a motion was made, seconded and approved for Kent and Hollis to buy five 8' tables.

Mark Lawson asked that everybody bring their touchmarks to the 2019 conference so he can start a BAM registry of touchmarks. He will be stamping some aluminum plate with the touchmarks and labeling who they belong to. After taking a picture, that will be available to BAM members, the plate will be auctioned at the conference.

Mike McLaughlin mentioned that one scholarship application has been approved for the applicant to attend a class at Matthew Burnett's school. Mike reminded everyone that the scholarship program needs to be used by more members.

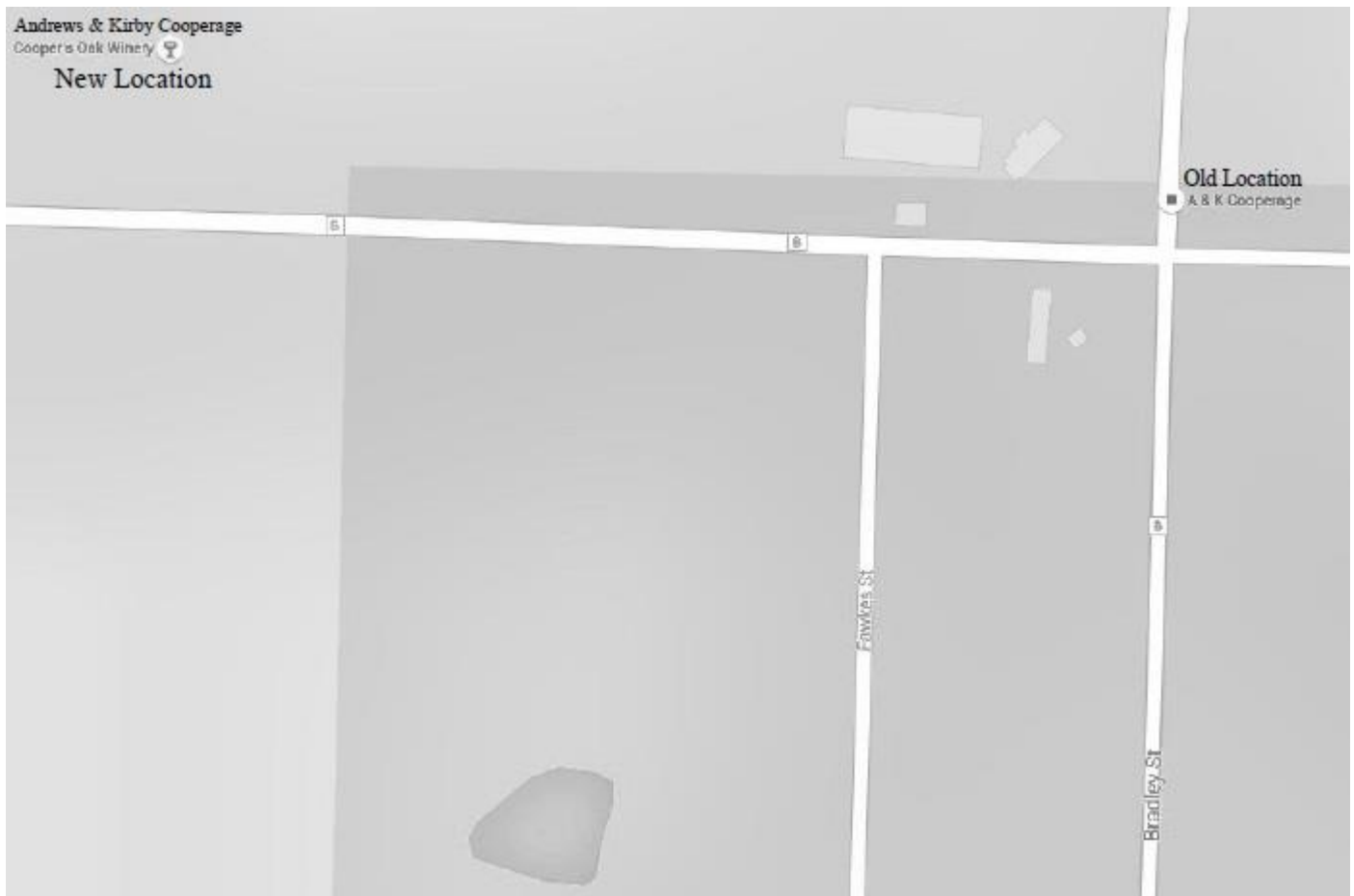
Matthew Burnett started a discussion on whether it makes sense for BAM to load the current newsletters on the BAM website that non-members also have access to. A suggestion was made to limit internet access to "previous" year issues, but a consensus was not reached. Further discussion will be required at future meetings.

The meeting was adjourned.

MEETING MAP

Next Meeting: January 12, 2019

Hosted By: Andrews & Kirby Co 9603 State Hwy B, Higbee, MO 65257



Food will be available
Trade item: Fireplace tool

Upcoming Events...

January 1, 2019 Hammer In Pat McCarty, Washington, MO

January 12, 2019 Meeting, Dale Kirby, Higbee, MO

March 23, 2019 Meeting, Chris Miller ~ Doniphan, MO

May 2019 Conference, Sedalia, MO

August 2019 State Fair, Sedalia, MO

If there is an event that is not listed or a meeting that you are interested in hosting please contact us at BAMeditor2015@gmail.com.

Scholarship Information

There have been two scholarship awarded so far.

James Brown was awarded a scholarship for a toolmaking class with Matthew Burnett. James's class has already taken place so we look forward to hearing more about it. It sounds like from our sources, he enjoyed the class.

Melanie Knocke has been approved for a scholarship to John C. Campbell to take a class in Festival Forging. That class is not until March 2019.

If you are interested in the scholarship program the scholarship application is available on page 22 of this newsletter.

Matthew Burnett Tong Making Demo ~ September Meeting

By: Bob Stormer

Matthew conducted this demonstration during the BAM meeting he hosted at his Missouri School of Blacksmithing facility outside of Cameron, MO. The demonstration consisted of making some v-jaw tongs suitable for 5/8 square stock or round stock. He also showed the initial steps in making some bolt tongs by demonstrating the difference in forging the jaw of one of the reins. Refer to Figure 1 for identification of tong parts.

Matthew started by using two pieces of mild steel that were 5/8" round stock and 7" long. It was important that he make both sides of the tongs at the same time to ensure they would be identical when finished. He emphasized that there is no right or left side to the tongs. Each side of the tongs is made exactly like the other. Matthew starts with making the jaw by locating about 1" over the near side of the anvil using half face blows to create the basic jaw shape. Flatten the jaw section to about 1/3 the thickness of the original stock. See Figure 2. His next step is to make the transition between the jaw and the boss using the far side of the anvil. He did this by rotating the stock 90° axially so the flat jaw is now vertical. He also moved the tongs holding the stock about 30° to the left. Figure 3 should give you the idea.

The next step is to define the portion where the boss transitions to the reins. He rotated the bar another ¼ turn, so that the jaw is facing up. Again using the far side of the anvil but this time with the jaw parallel to anvil face, the previously flattened boss perpendicular to face, he set the length of the boss on the edge of the anvil, and again used half face blows. See Figure 4. Figure 5 shows the cooled off version of what he ended up with.

Matthew then drew the reins out using his spare tire hammer. He likes the reins to have a tapering rectangular cross-section with rounded edges. The thickness and length of the reins is pretty much personal preference. The next step is to dress the corners on the boss to round them off a little, as shown in Figure 6. Since Matthew wanted v-jaw tongs he chiseled a reference mark for the center of the "v" (Figure 7). He previously made a v-block that fits his spare tire hammer and a hand tool for the top die. Figures 8 & 9 show the tools in use. The last step, other than adding his touchmark, is to punch a hole for the rivet. Matthew uses 5/16"

rivets. The end of the rivet that is to be peened over should be 1 ½ times the rivet diameter. To make sure the rivet holds properly he places the head of the rivet on the rein with the loosest fitting hole. He then uses a star drill to add "notches" around the hole in the other tong half so when he peens the rivet over it will lock onto that side. Matthew inserts the cold rivet, then heats the whole joint and peens the rivet over. The rivet should lock on one rein and pivot on the other. The finished tongs are shown in Figure 10.

As I mentioned earlier in the article Matthew also started a set of bolt tongs. The only difference between these and the v-jaw tongs is that after he shaped the jaw, he used the horn of the anvil to fuller down the neck that will become the bow between the jaw and boss. Figure 11 shows the result. This is where Matthew finished his demonstration so we could eat lunch. The remaining steps to finish the rein would follow what is described above.

Matthew emphasized that it is important to use the same portion of the anvil when performing the step on each side of the tongs so you get the same radius on the work. He also mentioned that Ken Jansen makes "lollipops" when he makes tongs. A "lollipop" is just a piece of steel, probably 5/8" round stock that started about 7" long and had the rein drawn out to a finished length. You can make up about six of these and you'll be ready to make three tongs in no time. If you find yourself needing to make a quick set of tongs, grab a couple lollipops and just finish the jaws. They are also handy for making tongs when you're not going to have access to a power hammer for drawing the reins. Matthew did a wonderful job of explaining the tong making process, and I'm sure I'm not the only one inspired to go home and try it out. Reading an article like this will help you learn blacksmithing, but not nearly as much as attending the live demo and asking questions specific to your interest. I strongly encourage you to attend meeting demos, local hammer-in demos, and especially the demonstrations at the annual BAM conference.

Matthew offers a 3 day class on Tong Making, going through the whole process like that above. The students learn to make three different types of tongs, and leave the class with finished tongs and the knowledge of how to make more in the future.

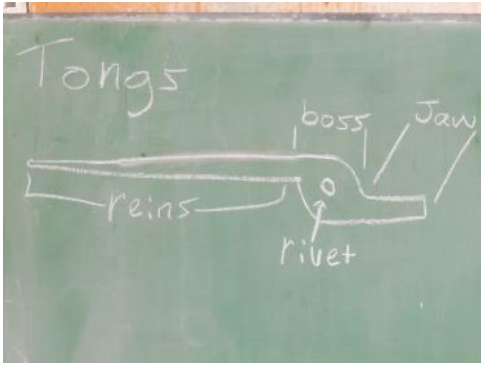


Figure 1



Figure 5



Figure 2



Figure 6



Figure 3



Figure 7



Figure 4



Figure 8

Matthew Burnett Tong Making Demo Pics Cont.



Figure 9



Figure 11



Figure 10

Iron In the Hat - September Meeting

Donated by

Steve McCarthy
Bill George
Mike Gentzsch
Mike McLaughlin
Willey Bagley
Willey Bagley
James Brown
John Huff
Matthew Burnett
Don Davies
Mark Lawson
Fred Arnhold
David Rosemann

Won By

Richard Stubblefield
Dale Crabb
Bill George
Monty Stillwell
Michael Gorzel
Luskey Dotson
Dennis Marshall
Dennis Jacobs
Willey Bagley
Mike McLaughlin
James Brown
Steve McCarthy
Bill George

Item

July Mtg Demo Piece
Honey
Hot Mill Gloves
L-Brand Forge Coke
Axle Shaft
Square & Round Stock
Freon Tanks & Handyman Jack
Horseshoes
Shovel Blank & RR Spikes
Leaf Spring
Inside & Outside Micrometers
Coil Spring
Magnets

Trade Items ~ September Meeting



Made By: Dennis Marshall
Traded To: Mike McLaughlin



Made By: Mike McLaughlin
Traded To: Steve McCarthy



Made By: Steve McCarthy
Traded To: Melanie Knocke



Made By: Willey Bagley
Traded To: Yoo Jung Lee



Made By: Melanie Knocke
Traded To: Dennis Marshall



Made By: Yoo Jung Lee
Traded To: Steve Bishop

Not Pictured:
Made By: Malachi Bishop
Traded To: Matthew Burnett

Made By: Steve Bishop
Traded To: Willey Bagley

Made By: Matthew Burnett
Traded To: Malachi Bishop

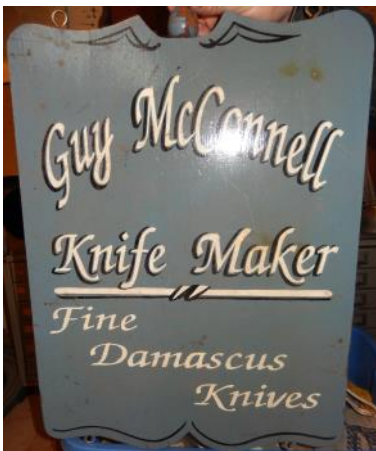
Interview with Guy McConnell ~ March 17, 2018

By: Bob Stormer



Starting at the beginning, Guy was born in 1937 (the Silent Generation) near Novelty, MO. I think there was a little serendipity to being born in a town named Novelty. He grew up east of La Plata, MO, about 10 miles west of Novelty in northern Missouri. He married Juanita in 1962 and held jobs as a builder, which nurtured his ability to work with his hands, and was an

Air Traffic Controller for the CAA (Civil Aeronautics Authority) which later became the FAA (Federal Aviation Agency). As an Air Traffic Controller, he learned there was no substitute for perfection. He carried this passion for perfection on to his Damascus. He also had a commercial pilot's license starting around 1957, and was licensed to fly about anything with a propeller. He also had a chance to fly a TF-102 tactical fighter jet when he was taken up by an Air Force pilot. Guy became interested in blacksmithing in the 1980's, when one of his neighbors ran a blacksmith shop and let him hang out. Guy's great uncle, Rubin McConnell, ran a blacksmith shop in Kirksville, MO, which also contributed to his interest in blacksmithing. There was a painting of the shop in Guy's living room and I tried to get a photo of it to include in this article, but it didn't turn out good enough to print.



Guy and Juanita were involved in the rendezvous and primitive camping in the 1990s, and continued for about 15 years. Because of his blacksmithing and the ability to work with his hands, he was able to make, and sell, most of the pre-1840 accoutrements. Something I had never heard, but will certainly investigate in

making strikers, is that forging a flint striker in a coal forge will throw better sparks than when forged in a

gas forge. He said he couldn't explain it, but it worked for him.



I first met Guy and Juanita at a BAM conference, when they were held at Warrenton, MO, in the early 2000s. Guy was easy to spot at the conference. He was the only one who had Damascus hand tools on display. Remember, I mentioned he was born in "Novelty", MO. He started out making Damascus knives, and hung his sign (pictured above) up at his rendezvous campsite. After mastering the Damascus process, he began looking for other ways to use the top-notch Damascus he was making. Having grown up using hand tools, he concluded that's what he would focus on. The picture to the right is a composite photo of some of the tools he has made. They all incorporate the use of Damascus, some of which also have his expertly crafted wood handles.

Guy exclusively uses 1095 and 15N20 for his Damascus, and makes a variety of patterns, including random, stair step, maiden hair (twist), and ladder pattern. He also does mosaic Damascus, but doesn't use powdered steel. He machines the pieces that create the pattern and puts them in a canister to hold them in place while forge welding. Guy uses commercial quenching oil for hardening the blades, and uses an oven in his shop (not Juanita's kitchen oven to be sure) to temper his Damascus at 400°F for 2 hours. He etches it using a 50/50 mix of ferric chloride and water. He has also used straight muriatic acid, but doesn't like it as well because of the harmful effects on skin. The picture to the right shows the Confederate Battle Flag he incorporated in a stag handle knife.



When I asked if he had any machine shop background, he said he didn't. The only machine shop education he had came from Preston Williams and Chris Owen. He used a lathe, milling machine, and surface grinder in the production of his Damascus items, and a close look at his handmade Damascus tools will verify he must have been a quick study in machining. When we were looking around in Guy's shop, he mentioned he had sold some of the larger pieces of equipment that he has used, but still has a coal forge, an early BAM gas forge that he used almost exclusively for his Damascus making. He also had a couple of other gas forges, and a homemade belt grinder that would accept 2" by 72" belts, and at one time had a 2" by 130" belt grinder. He used to have two power hammers, a 50lb Little Giant, and 30lb handmade air hammer. Guy also had a hydraulic press, all of which were very helpful in making Damascus. I have not seen even the slightest flaw in any of his Damascus pieces.

Guy taught classes on making Damascus knives at his shop for a while. The class length would be 40 hours and could be done on evenings, weekends, or any combination to equal 40 hours. He taught one student at a time but didn't keep track of how many students went through his shop. Failing eye sight was a determining factor in his decision to quit teaching and limited his ability to work in the shop. However, if you happen to catch him when he's showing off a piece of his work, you can still see a twinkle in his eye. He misses not being able to work in the shop. When one of his friends found out he was going to quit making Damascus, his friend came over and bought all he had left, except for the items that weren't for sale.

Chris Owen, who has known Guy for a long time, Chris' his wife Kim, and their son Dakota met me at Guy's house for the interview. Chris' first piece of Damascus was made by Guy. Dakota bought a piece of wrought iron from Guy that he got from a friend who worked on the re-fitting of the USS Constitution in 1995. He said England is the only place making wrought iron now. A little ironic since the USS Constitution fought against the British ships in the War of 1812. Guy intended to make gun barrels from the wrought iron, and I think Dakota may continue that

thought. Guy says the new steels are too brittle to make good gun barrels.

When I asked about any advice for new blacksmiths, he didn't hesitate a second and replied; "you should not underestimate what you can do, and don't be afraid to fail". It's hard to summarize a life like Guy experienced, but I think it helps to think like he did: You can do anything you want to if you have an interest in it. Remember, whenever you see the "G" stamped on a fine piece of Damascus, it was made by the Damascus Tool Master Guy McConnell.

I've included a few pictures in this article, but there are many more on the BAM webpage under the "BAM Photos Page" that will show the Damascus qualities better than these printed pictures.



Historic Forge / Shop Tips

July / August 1999

Volume 16 No. 4

Building a Free Standing Post Vice

By: Bob Ehrenberger

I recently had a need for a portable free standing post vice. No wanting to start from scratch, I went to my resource center, the scrap pile. I quickly came up with just what I needed, an old engine repair stand. I inherited it when it had been left behind at my previous home. I had never used it because I don't rebuild engines like my predecessor. I recognized that it had a lot of good steel in it and I knew that I would need it or the steel some day. Well this was the day.

The stand has a simple design of 2 1/2" square tubing for the main body, with 2" square tubing for the extended leg braces. The engine mount itself is constructed of two pipes that fit closely on inside the other with one welded to the stand and the other to a face plate that the engine bolts to. The two pipes are drilled so that the engine can be rotated to several positions and pinned there.

Converting this to a vice stand is a simple matter of devising a method of connecting the top of the vice to the engine mount and supporting the bottom of the post.

To make the top brace I used a piece of 3" x 5" angle iron 12" long. I drilled the 5" side of the angle iron to match the mounting bracket on the vice. Then bolted the vice and the top brace (angle iron) together.

The post support was made by cutting two pieces of 1-1/2" angle to fit between the legs of the stand and then welding them into a box making a 1 1/2" square tubing. A 9/16" hole was drilled through one side of the brace so the post would set firmly in the hole.

The assembly was simple. With the post brace sitting loosely between the legs of the stand the post of the vice was inserted into the hole. The vice was brought up to the stand so the 3" side of the top brace was against the engine mounting place. A C clamp was used to hold the angle brace in place. The post brace was moved in and out until the post on the vice was plumb. The post brace was welded to the legs of the stand. Finally I welded the top brace to the engine mounting plate. (If you actually use your engine stand for occasional engine work you would want to drill

and bolt it to the stand.)

When I want to transport the vice all I have to do is pull the pin on the engine mount and the pins in the leg extensions and it come apart into three easy to manage pieces: the frame, the legs with brace and the vice with angle iron and engine mount. It comes apart in about 15 seconds and can be put back together in under a minute.

The angle iron that I used was a little longer than it needed to be which comes in handy as a table. I have plans on adding a plate to the top to give me a larger work area. I want this to be about 12" x 18".

There is a little more slop in the vice than I would like. This is caused by the pipes for the engine mount not being as tight of a fit as they should. I will probably shim this to take up the slop.

It took me about as long to write this article as it did to build the stand, Under 2 hours.

If you want to build this and don't have an engine stand to start here are some dimensions to get you started:

Total height: 34 1/2"

Total width: 25 1/2"

Legs: total 26"

Stub on frame 7"

Leg extensions 24"

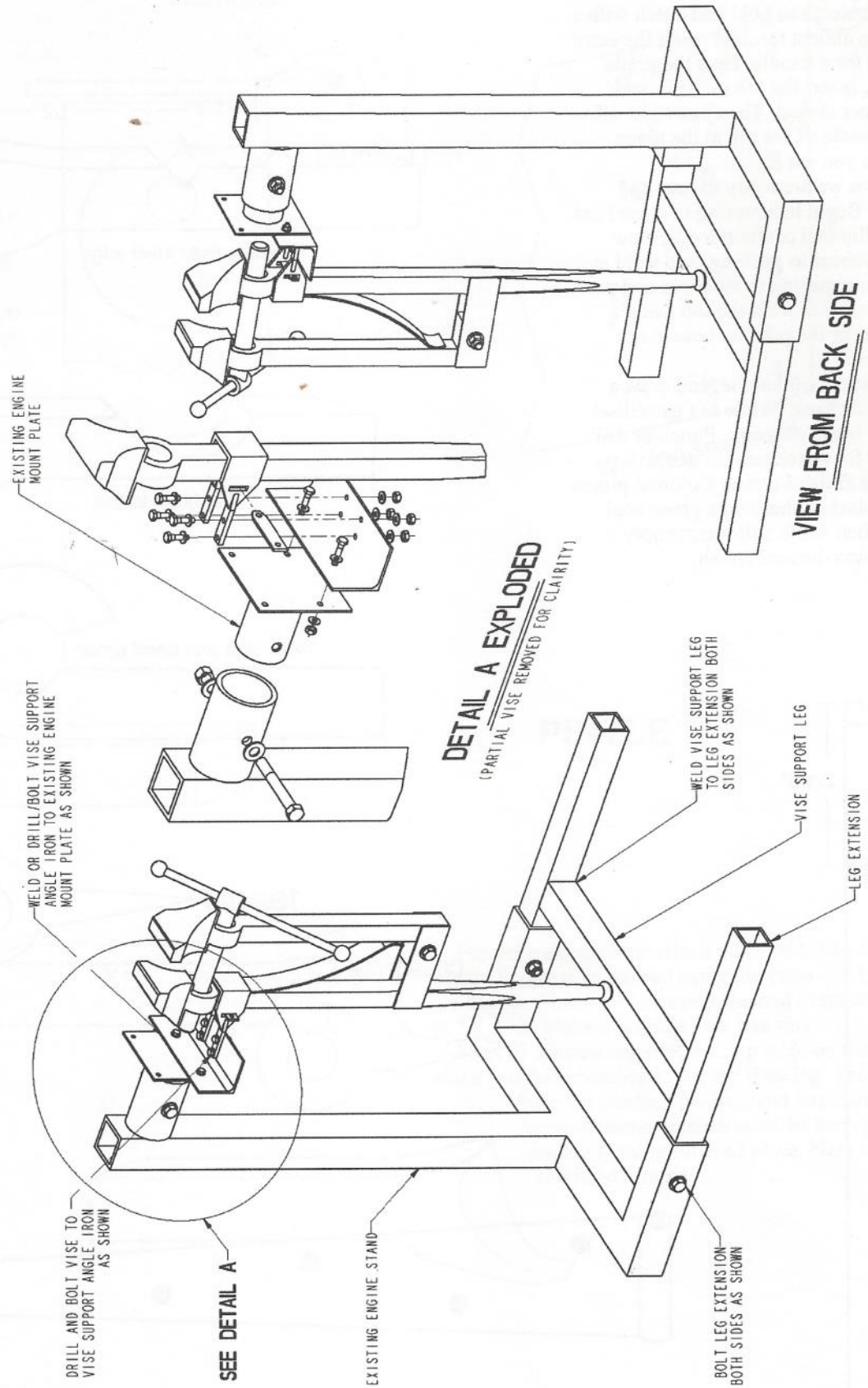
Pip welded to frame: 3" diameter 4 1/2" long

Pipe welded to engine mounting plate: 2 1/2" diameter 4 1/2" long

Engine mounting: 6" x 6" x 1/4" for small engines.

Vise stand

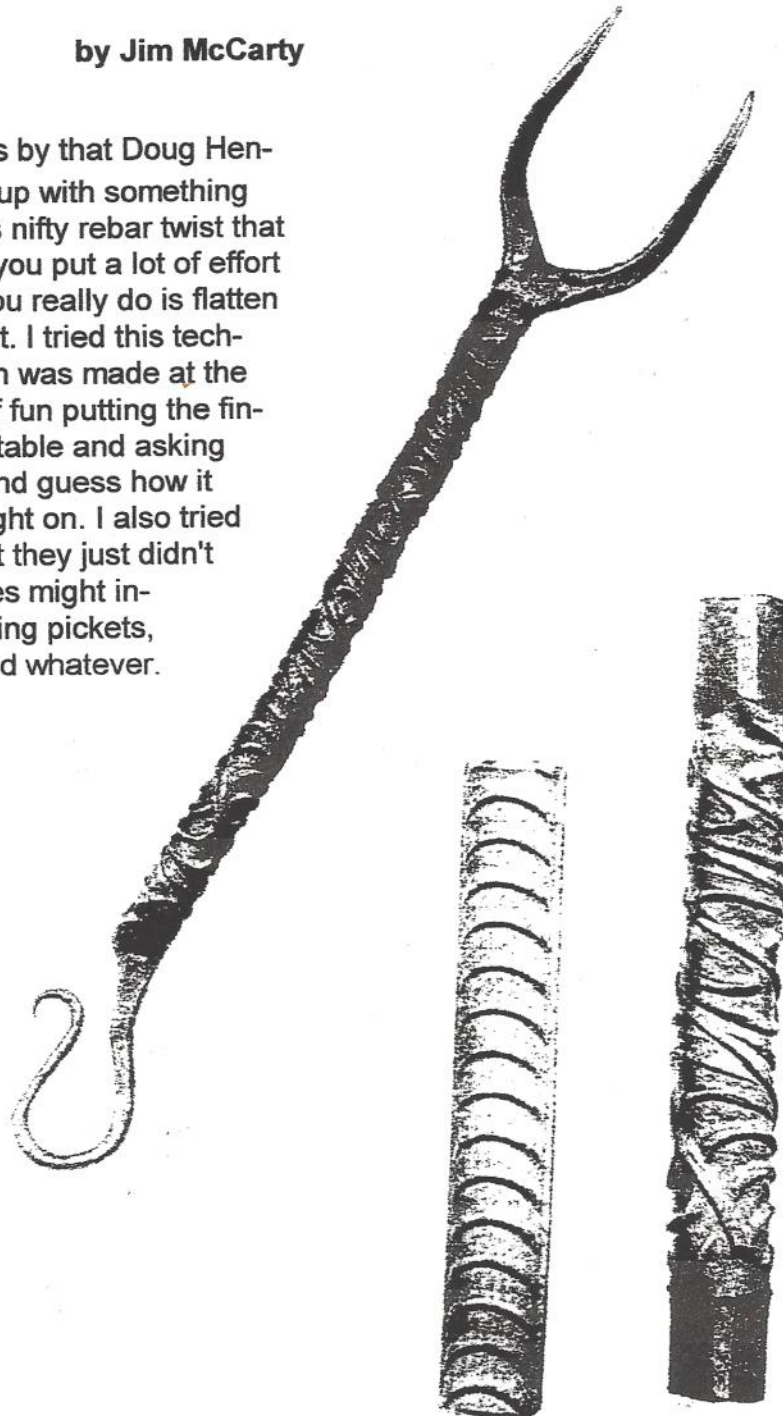
by Bob Ehrenberger
Illustration by Rich Haumesser



Do the Rebar twist

by Jim McCarty

Hardly a meeting goes by that Doug Hendrickson doesn't come up with something new. His latest was this nifty rebar twist that looks, well, sort of like you put a lot of effort into doing it when all you really do is flatten the ends, heat and twist. I tried this technique on the fork, which was made at the state fair. It was a lot of fun putting the finished piece out on the table and asking those watching to try and guess how it was done. No one caught on. I also tried other types of rebar but they just didn't look as good. Other uses might include candlesticks, railing pickets, handles for drawers and whatever.

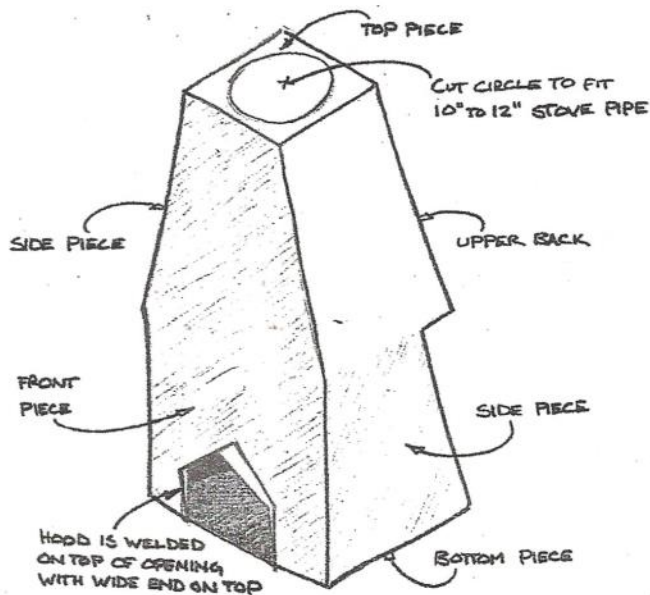


A Side-Draft Forge Hood

By Brian Gilbert

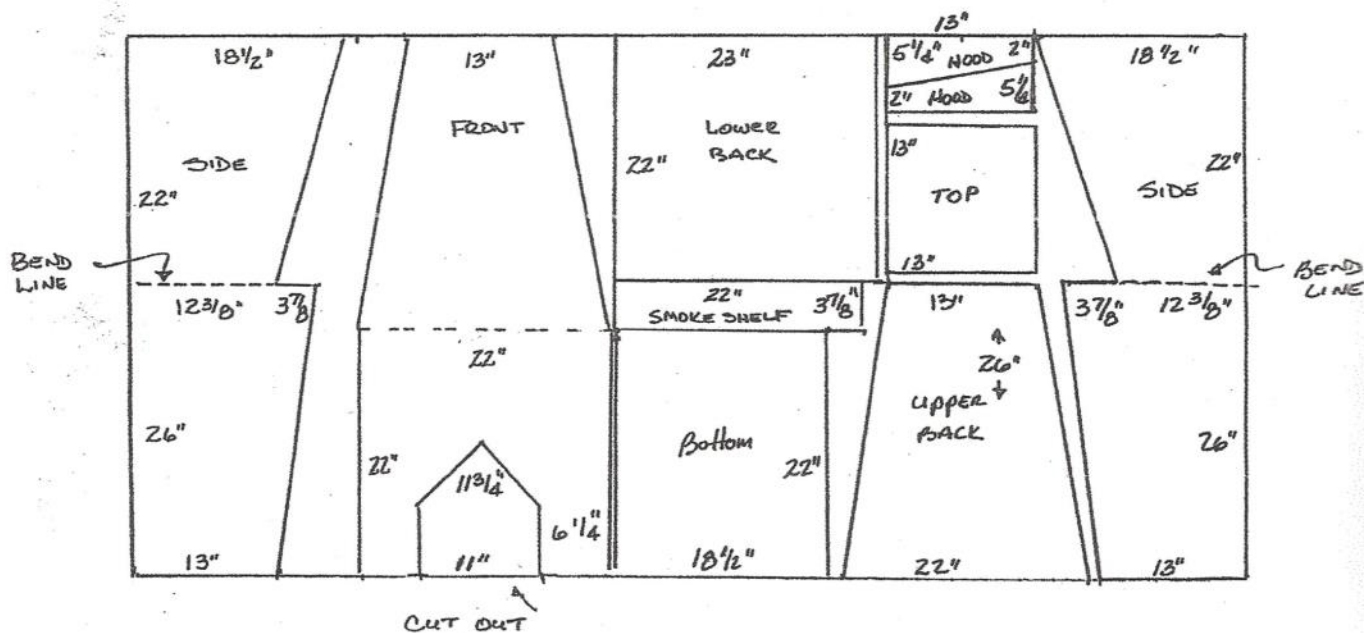
I recently received a letter from an ABANA member who was looking for measurements to a side-draft forge hood. While much has been written about forge hoods in the affiliate newsletters, I couldn't lay my hands on a specific sheet of dimensions or blue-prints, when the little light bulb clicked on above my head.

We have a couple of side-draft hoods at the shop, but one stands out. It draws very well, even when cold. It's exact history is unknown, so I'm not sure who the original designer was. Lonnie Farmer measured all of the dimensions and produced a cutting layout, which he's generously agreed to share with the ABANA membership. The advantage of this hood is that while it draws very well, it can be cut from a single 4x8 sheet of steel. The steel needs to be thick enough to butt-weld together, about 11 gauge or thicker. Access to a large sheet metal shear would be helpful to make the long straight cuts, but this could be built with a number of cut-off disks chucked into a side grinder. A MIG welder would be helpful, too, though a stick welder could be used with thicker sheet.



Assembly of the hood

4'x8' 10/11 GA SHEET ALL JOINTS BUTT WELDED



Pattern layout from a single sheet, measured and drawn by Lonnie Farmer

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

The Jefferson County Bicentennial Expo

October 6th 2018, 9:00am—5:00pm
At the Hillsboro Civic Club, Hillsboro MO 63050
Looking for 2 demonstrators. Contact Wayne Wiley @ 636-725-5370

Commercial / Resource ads:

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:

Missouri School of Blacksmithing

Cameron, MO
Instruction by Matthew Burnett
Group and Individual classes offered.
816-575-2798

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. 417-543-2148

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
oldschoolcrafts@hotmail.com

David Norrie blacksmithing school in Colorado

David Norrie 303-859-0770 [http://](http://www.forgewithintention.com)

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@otelco.net for price. 256-558-3658. Tire Hammers for sale contact me for current price

New England School of Metalwork

www.newenglandschoolofmetalwork.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. Clifton Ralph, 4041 W 47st, Gary, Indiana, 46408 (219)980-4437

Products:

Forge-Aprons offers seven different styles of leather blacksmith aprons; the Original bib, the Short bib, the Full-Cut bib which offers greater chest coverage, the Lap apron, two sizes of Kid's aprons, a Budget apron and our brand new, limited edition Flame apron which features flame imprinted buckles and an anvil engulfed in flames on the logo pocket. www.Forge-Aprons.com

Heavy-Duty Fry Pan Blanks 9" diameter, tapered sides 12
Or 13 gauge steel (approx.2 pounds) no predrilled holes for the handle \$14.00 each..1-4, \$12.00 each.5-9, \$10.00 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 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

Around the Anvil BAM has its 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 Terry Humphries at thumphr@south40.org 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 636-432-4468

Scholarship Application

Name:

Address:

Phone & Email:

What class or event do you wish to attend?

Where:

What is the cost?

Tuition:

Travel:

Lodging:

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 learn during this learning experience. (Additional pages if necessary)

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 year of the event, I will present a demonstration of the newly learned skills at a BAM meeting or complete a video to be placed on the BAM library. One third of the total scholarship amount will be awarded before the event, one third on submission of the article to the newsletter editor, and one third after presenting the demonstration at a BAM event.

Signed _____ Date _____

Send Scholarship applications to:
Mike McLaughlin, 122 Milwaukee, Lawson, MO 64062
cowpie42@hotmail.com 816-296-3935

This page may be printed

BAM Coal Stations

Price per bag:

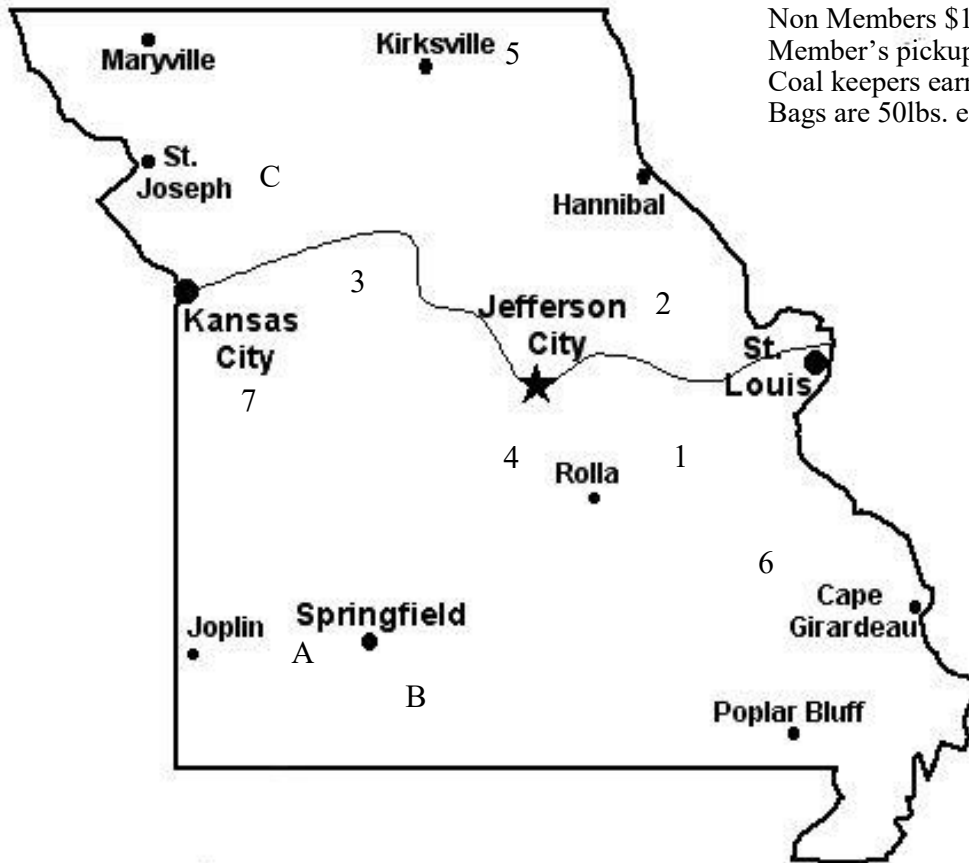
BAM Members \$14.00

Non Members \$19.00

Member's pickup at Bob Alexander's - \$12.00

Coal keepers earn \$3.00 per bag

Bags are 50lbs. each



1. Bob Alexander (636) 586-5350
14009 Hardin Rd.
DeSoto, MO 63020

2. Ken Jansen (636) 295-5844
2257 Carter Rd.
Moscow Mills, MO 63362

3. Doug Clemons (660) 631-1257
29377 Durango Ave.
Malta Bend, MO 65339

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

5. Joe Hurley (660) 988-8872
or (660) 626-7824
26306 State Hwy D
Downing, MO 63536

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

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

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 \$12 per 50# bag with bulk delivery available.
Matthias Penn Rt. 1 box 479-S Ava, Mo. 65608. (417)-543-2148.
Or e-mail tytheblacksmith@yahoo.com.
- C. Coal for sale \$14 per 50 lb. Bag Missouri School of Blacksmithing
Matthew Burnett 816-575-2798, 3100 NW Winchester Rd Cameron, MO 64649

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 bjherzog@charter.net

Photo Gallery ~ Sept. Meeting See page 8 for next meeting map and info

