

BAM

2004
Jan - Feb
Newsletter
of the
Blacksmith
Association of
Missouri

2004 opportunities:

BAM Annual
Conference at
Warrenton, Missouri
Apr 30 - May 2

ABANA Conference at
Richmond, Kentucky
July 7-11



Don
Grammond's
Mailbox
Forge

Your Participation is Needed!

1. Donate items for BAM auction and boutique, you can do it!
2. Enter an item of your work in the BAM gallery, be bold, try it!
3. Register early for the BAM conference.
4. Register early for the ABANA conference.
5. Bring a guest and prospects to the annual BAM conference.
6. Buy lots of items at the BAM auction and BAM Boutique.
7. Make it a habit to check www.bamsite on a weekly basis, send suggestions to webmaster Ed Harper: aramed@grm.net



13th Annual Ozark Conference April 30-May 2, 2004

WARREN COUNTY FAIRGROUNDS

WARRENTON, MO

(40 miles west of St. Louis on I-70 at Exit 193)

The featured demonstrators are **Dan Nauman** doing traditional forging, **Toby Hickman** demonstrating tooling under a 100 pound air hammer, and Damascus Master **Devin Thomas** showing how to create a variety of figures in pattern welded steel.

Lectures and a forging contest will take place Friday evening with the demonstrators working Saturday 8 – 4 and Sunday 8 – Noon. A beginners' blacksmithing and a beginners' bladesmithing class will be offered on Friday. Saturday evening there will be a banquet at extra cost and a fund raising auction with Tim Ryan. Two Saturday family classes are available: a basket making class taught by Mary Jo McCarty and a landscape water features lecture by Tim Ryan. A Gallery of forged items will be on display throughout the weekend. Tailgaters abound.

Additional Conference Activities:

- **Large tailgate site free to Registered Participants
- **Free camping site with lots of modern toilets
- **Sales of various items of interest to blacksmiths
- **Food will be available on site Fri. p.m. & Saturday a.m. & noon

Pre-registration due by April 17th is \$30 (Individual days \$5-Friday, \$20-Saturday, and \$10-Sunday). Registration is \$35 after April 17 and at the door. Spouses, dates, & children under age 18 of registered attendees are free.

For more information visit www.bamsite.org OR

Contact the Conference Chairman: Fred Weisenborn, 417-589-2497, jweisenb@llion.org

For a Conference Booklet/Registration Form contact:
Bess J. Ellis, RR 1, Box 1442, Belgrade, MO 63622-9709
e-mail: mbellis@misn.com, phone: 573-766-5346

BAM 2004 Conference Forging Contest

7 P.M. Friday April 30th

Our forging contests have usually focused on technical skills. This year it will be a beauty contest and the most aesthetically pleasing pieces, be they mild or wild, will win the big bucks. You can compete in one of 3 classes – Beginning (1 year or less experience) intermediate) 1to 4 years experience) or advanced. Winners will be chosen by conference attendees who may vote for their favorite piece in each of the 3 classes. Each class will have 3 awards \$50 for 1st, \$20, for 2nd and \$10 for 3rd,

The goal of this years contest is to forge a leaf, any leaf using ½ “ sq stock and 8 min or less.

Ed: should read: in 8 minutes or less.

BAM will supply the forge, coal, anvil, water, stock and a wire brush. Tom Clark will supply several top tools – hot cut, 5/16 round punch, ¼” radius fuller, and a butcher. John Murray will have a selection of hammers to use in case you forgot yours. You may use a striker to drive top tools only, no forging.

Do enter, watch, enjoy and learn. As Fred Weisenborn, this years conference chairperson, said “This event will be like having 20 additional demonstrators”.

This year’s forging contest was developed by Doug Hendrickson with lots of help from Walt Hull.

Thanks to Tom Clark, owner of the Ozark School of Blacksmithing, for supplying the tools and equipment for the forging contest, in addition to the above, Tom will also furnish the anvils, vises, and probably other equipment he thinks of to enhance the contest.

You can learn more about the Ozark School of Blacksmithing and tools sold by Tom on the the school website: www.therural.net/~ozarksch/ or call Tom at 573-438-4725 Tom will be at the conference with his sales trailer and a selection of tools for sale.

BAM Membership Application

Mail to: Bruce Herzog, 2212 Aileswick Dr. St. Louis, MO 63129

Name: _____	Check	New Member _____
Address: _____	One:	Renewal _____
Phone: _____		
City: _____	Phone: _____	
State: _____	Zip: _____	E-mail: _____

Volume 21 No. 1 Jan - Feb 2004

The Newsletter of the Blacksmiths Association of Missouri is published six times a year and mailed to members. The annual fee for membership is \$20/year; a portion of this amount is for a subscription to this newsletter for one year. Editorial inquiries should be addressed to: Ned Digh, PO Box 765, Fulton, MO 65251: 573-642-8332 (email: bameditor@ktis.net) membership inquiries should be addressed to: Bruce Herzog, 2212 Aileswick Dr., St. Louis, MO 63129; 314-892-4690 (e-mail: bjherzog@msn.com.) Occasionally some material may 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 be given credit.

The Conference Gallery *by Walt Hull*

At last years conference, for the first time, we had a gallery, and it turned out to be very good. Now it's time to take it one more step and see if we can't do even better. BAM is one of the strongest associations in the country and many of you out there are doing really good work. Let's let the rest of us have a look at it! Here's how it works:

This is not a juried show. If you are a member of BAM you may exhibit your work in the gallery. If you think it's representative of your best work, it's good enough.

It doesn't have to be Art with a capital "A." It can be any kind of blacksmith work, practical or ornamental.

It doesn't have to be "pure" blacksmithing without any modern techniques, but it should be something that not just any welder can do.

Your work can be for sale, or not. Work in the gallery may also be in the auction, or not. It's up to you. Exhibitors are asked to bring a label for their work with the name or description of the piece, the name of the maker, the price of the piece if it is for sale, and any other pertinent or interesting information.

We are going to try to display the work a little better than last year. Fred has said we can have the back end of the big banquet building, and we will try to come up with some lighting. We will also try to have some wall space or the equivalent thereof for work that will look best hanging. We would also ask that if at all possible people displaying work bring a pedestal or other support to set it on.

ABANA Membership Application Mail to: ABANA, PO Box 816, Farmington, GA 30638

Name: _____ **New Member:** _____ **Renewal:** _____
Address: _____ Annual Cost: Regular \$45; Senior \$40; Student \$35
Phone: _____ Contributory \$100; Library \$35 Includes subscriptions to
City: _____ State _____ Anvil's Ring and The Hammer's Blow magazines
Zip: _____ Phone: _____ ABANA Phone: 706-310-1030 (For Credit Card Charge)

Blacksmith Association of Missouri

President: Joe Wilkinson
573-943-6779
jpwilkin@osagecon.missouri.org

1st Vice President: Don Nichols
660-862-9252

2nd Vice President: Ed Harper
660-946-4460
aramed@grm.net

The Blacksmiths' Association of Missouri is a chapter 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. BAM's newsletter'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.

The Newsletter of the Blacksmiths' Association of Missouri and its members do not manufacture, distribute, sell, test, warrant, guarantee, or endorse any of the tools, materials, instructions or products contained in articles or features in the Newsletter of the Blacksmiths' Association of Missouri. The Newsletter of the Blacksmiths' Association of Missouri disclaims any responsibility or liability for damages or injuries as a result of any construction, design, use, manufacture or other activity undertaken as a result of the use or application of information contained in any articles or features in the Newsletter of the Blacksmiths' Association of Missouri. The Newsletter of the Blacksmiths' Association of Missouri assumes no responsibility or liability for the accuracy, fitness, proper design, safety or safe use of any information contained in the Newsletter of the Blacksmiths' Association of Missouri.

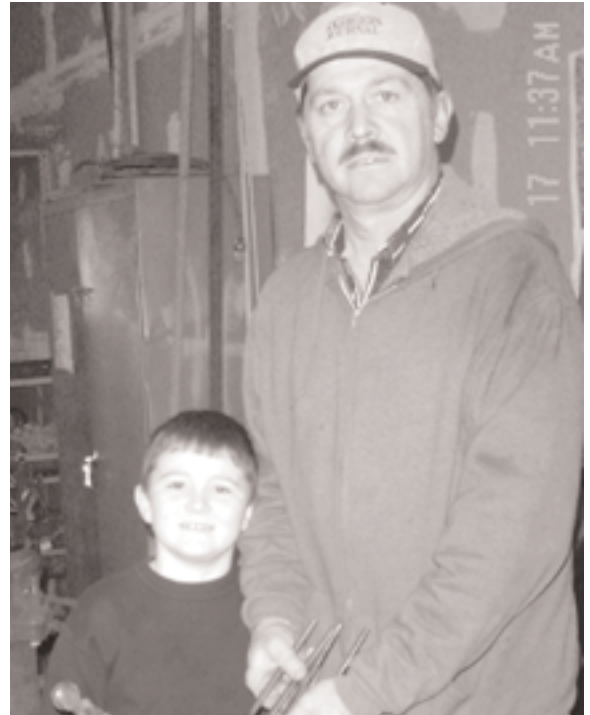
Focus on Youth

at Jan 17th, 2004 Meeting at Bass Pro Fab Shop, Nixa, MO

Matt Sowers and Dad Stan, Marshfield, MO



Stephen and David Miller, Laurie, MO
Nephews of Dennis Yates



Cale Comstock brought his Dad
Charlie to the BAM meeting!



Phillip Richter, West Plains, MO



At Left: Jordan Kerr, a future Bass Pro employee,
along with Dad Shawn, and Grandpa Larry,
Good ticket picker too!



A Visit with Kirk Sullens *by Esther Digh*

One watching Kirk Sullens work with metal would quickly conclude that he is a talented person. Also, you would think that he has been moving metal his entire working life, but he was a long distance operator with Bell Telephone before pursuing metal smithing. When AT & T broke up and offered to pay for job training, Kirk took advantage of the opportunity to have six weeks of one on one training with Bob Patrick.

Kirk realized he had an interest in blacksmithing after reading The Modern Blacksmith by Alexander G. Weygers. Then he read anything he could get his hands on about blacksmithing. So, when he started his training with Bob Patrick, he had an idea of what this particular craft involved. Kirk states, "metal moves for me like nothing else does. I knew that once I started working with metal, that is what I wanted to do". He has been fulfilling this passion since August 1994 when he started working at the Bass Pro metal fabrication shop. He states that it is like waking up to a whole new world daily, following a process that produces a product. Bass Pro has provided Kirk the opportunity to "grow" his skills.

Mona, his wife and biggest supporter, keeps a record of Kirk's work on her laptop computer. You can see the progression in his skill as his early work consisted mainly of flat images of animals. From there he progressed to adding small embellishments and now has moved on to creating three dimensional, life-like replicas. Kirk attributes his ability to creating realistic wildlife to an early interest in and extensive reading about wildlife. He says his goal when creating wildlife is to create the focal point with the correct detail. His philosophy is that the eyes and mind of the viewer will fill in remaining detail. "They will be able to look at the deer head and agree that it really is a deer head".

Kirk sees teaching as a way of doing. He says, "How can I not share, having so much given to me. Everything I have learned is based on something someone else had learned before me." When asked if he considered himself an artist or a craftsman, Kirk replied, "I just like to make stuff"! In the fall of 2003, he attended a workshop with George Dixon to further his skill in repousse'. After the January meeting, Kirk spent time demonstrating his technique for making a metal rose to those who stayed around.

Recently, Roberta Elliott asked Kirk for some advice. He realized that those individuals like Roberta Elliott and Doug Hendrickson, who had served as role models and mentors, were now his peers. Kirk is quite modest about his talent but many would agree that he has a passion for metal smithing. He is not only a craftsman but an artist who puts his whole heart and soul into his creations.

**See Kirk's Online Gallery
at
kirksullens.com**



Quote from Kirk: "How many people can go home and say "I made a rhinoceros today"?"

Ed: Only Kirk, of the people I know!

JOE'S JIVE *by President Joe Wilkinson of Hope, Missouri*

The meeting at Nixa was another meeting with high attendance with close to 100 people who attended in spite of a two day rain. Of course, Kirk and Mona's meetings are always interesting and there is always things to do in Springfield; Grizzly, Bass Pro, etc..

For those of you who couldn't attend, we agreed to send The Ornamental Iron Museum another \$500.00 donation for their annual fund drive. We also received a nice "thank you" card for last years participation.

I announced I was looking for an assistant newsletter editor, to give Ned some relief from the many things that make up an issue of the newsletter. Hopefully, this assistant will become the next editor when Ned finally loses all his hair and runs screaming down Main Street in Fulton. (just kidding Ned.) I'm happy to report Lou Degginger has responded to my request. He has visited with Ned and he seems perfectly suited for the task. So, as of now, he is the assistant newsletter editor. Thank you Lou for your offer and quick response.

I also announced ABANA'S intention to have an "ADOPT A DEMONSTRATOR" program, in July this year, at the ABANA Conference in Lexington, KY. It works like this: If a volunteer agrees to transport and furnish the basic equipment for a demo at the conference, anvil, vise, hammer, tongs, etc. (not power hammer), ABANA will make free for the volunteer, the registration fee, and room and board at the dorm, about a \$400.00 to \$500.00 value. More details will become available as we approach conference time.

I also asked for cooperation from the membership for Ned's request for shop tips to print in the newsletters. We have not done very well at honoring these requests. When he asked for Xmas items, he received a total of five(5) from the entire membership. I think this is terrible. It seems we are all quick to complain when the newsletters do not please us but oh so slow when we are asked to contribute. I think we all have little things we have learned to do to improve our skill and in keeping with our mission, all he is asking for is to share. Please don't depend on someone else to satisfy the need. Just think, if we collected two(2) ideas from each member, that's 1100 shop tips. Enough to fill a book. I intend to send one(1) with every President's Letter I write.

In closing, members Dave Smith and Richard Reipe are both recovering from heart by-pass surgery. Please join me in wishing them a healthy and speedy recovery. Happy Hammering, Joe

BAM ELECTION

An election of officers will be conducted at the annual conference. The members listed below are recommended by the nomination committee and all have agreed to serve if elected. Nominations will also be accepted from the floor at the annual conference meeting.

CANDIDATES: President.....Don Nichols
1st Vice President.....Doug Clemons
2nd Vice President.....Ed Harper
Secretary.....John Murray

Japheth Howard's Scholarship Report

Notes From Bruce LePage Engraving Workshop at the National Ornamental Metal Museum,
Memphis Tennessee 17-18 May 2003 *by Japheth Howard*

The workshop, was conducted in the Shering Plough Smithy on the grounds of the museum was a beginning class with about 12 students, some of whom had traveled from as far away as Texas. Bruce began the class in typical blacksmith fashion by having us make our own tools. He uses two basic chisels for almost all of his work: a square point chisel (A) and a straight wedge chisel (B) sketch #1. We made one of each by inserting high speed lathe tool bits into mild steel handles. The tool bits are 1/8-inch square and about 2 1/4 inches long. The handles were 5/16 dia. cold rolled steel bars cut into about 8 inch long pieces and center drilled in a lathe with a #29 drill to a depth of 1/2 inch. We ground the end of the tool bit off square and put a slight chamfer on the end. Gripping the tool bit in copper jaws in the vise, we drove the handle over the chamfered end checking several times to keep them straight. When each person had two chisels assembled, Bruce showed us how to grind them.

The first is ground off at a 45-degree angle through the corners. This makes the ground surface a perfect diamond shape [see #A sketch #1]. Here Bruce stopped to quote his teacher the late Lynton McKenzie who had told him "an engraver is a tool sharpener who also engraves". Bruce emphasized the need for frequent resharpener made sharpening jigs cumbersome and he felt that training yourself to be accurate would allow you to get back to the business of engraving faster. Bruce uses a "spyderco" ceramic stone to hone. These are available from Brownells gunsmithing supply. The extremely hard but fast cutting stone leaves a mirror polish on the edge and stays flat for a very long time. The stone is lightly lubricated with water during use. Bruce set the stone in its case with its non-skid rubber feet at waist level on a bench and held the chisel in his hand like a pencil so the ground surface was square with the surface of the stone. He locked his elbow against his hip and stroked the tool back and forth by twisting his body. His elbow stayed tight against his hip so the tool moved in an arc. The honed angle is also 45 degrees. Sometimes he grinds a longer angle so the tool can be rehonored several times without having to remove so much metal with the fine stone.

Once this surface is honed {which only takes 3 or 4 strokes} Bruce turned the tool over and put one of the two flat sides which form the three sided point against the stone. He uses a 1/2 inch hardened drill blank as a spacer under the tool and pushes the shoulder of the mild steel handle against the drill blank. The hardened tool bit glides along the hard polished drill blank as the chisel is moved the length of the stone. Here again 2 or 3 strokes are all that are needed. This step produces the two tiny facets shown in the enlarged sketch #2. Bruce referred to these facets as the belly flats. This sketch also shows how the drill blank is used to set the angle of the chisel to make these flats.

The second chisel is what Bruce calls a wedge chisel, or more often a Nimshke wedge after L.D.Nimshke, a turn of the century engraver who used this chisel extensively in his bold scroll work patterns. This chisel is ground from two sides toward the center like a cold chisel. However, the ground surfaces curve slightly. From the side they form the graceful shape of a Gothic arch rather than the A frame profile of a cold chisel. These convex surfaces allow you to rock the chisel up and down while moving to control the depth of cut. Bruce honed this tool by pushing it up the stone edge first, as if trying to pare off a thin slice. As he moved forward, he rolled the tool back to polish the entire surface of the arch.

Now our tools were ready. We each took a piece of steel sheet and epoxied it to a small block of hardwood with five-minute epoxy. This allowed us to hold it securely in a vise. We used 220-grit paper and a block to polish the steel. The vise should be at elbow height when standing. At the museum, each student had a vise mounted to the top of a sturdy post, which was braced to prevent vibration. The vises were inexpensive drill press vises, which were perfect for holding the blocks. After the class, we were told to unbolt the post from the anchor in the floor and take the whole works with us. As a workstation, these vises were ideal since one could move completely around them when cutting a curved line. You will also need a lightweight hammer to drive the chisel. We used the traditional large faced Chasers hammer (see Fig.3), but any light hammer could be used. Fig 3 is a full-scale drawing, which gives you an idea of what lightweight means. Very fast but light blows are the goal. The hammer does not move very far but quite quickly. Each blow makes a cut and many small ones flow together better than a few heavy ones.

With the epoxy hard and the tools sharp, Bruce had us draw parallel lines 1/4 inch apart on the practice plates. We set the plates in the vise so the layout lines went up and down vertically the opposite way from the lines on a piece of writing paper. Using the wedge chisel, we made a series of practice cuts with one of the corners of the chisel. See photo #4 in the top right corner. This photo is of the plate Bruce made as an example during the class. To do this we set the chisel down on the work and raised one corner so the edge was tipped away from the steel about 10 degrees. Without changing this angle we raised the striking end of the chisel to make the corner dig in and began hammering. As the chisel began to cut, we gradually lowered the handle to control the depth of the cut. The belly angle of the tool becomes a fulcrum allowing you to lever the tool up to control this depth. To go deeper you must raise the handle. All this is done without shifting the handle left or right. This produced the straight-sided half moon cut shown at the top. Then we swung the handle to the right as we cut to make the next series in the photo. Then we tried swinging right then back for the cuts near the bottom right corner of the picture.



Photo # 6



Photo # 4



Photo # 5

Moose by Classmate



Once we got the hang of this Bruce had us switch to the opposite corner of the chisel and do the mirror image of the cuts we had just done. After those we made what he called a weighted cut or one which was deeper at the end for a teardrop instead of a halfmoon. These exercises will take you back to the days when the teacher first began to teach "cursive" in grade school and everyone filled the pages of Big Chief tablets with curves and swirling coils of lines. Bruce encouraged us to do as much of this as we could on our own time. Then he moved on to show us how these cuts could be strung together to make the classic scrollwork most people think of when engraving is mentioned. Photo #5 shows the example he did for us to look at. Look carefully at it and see the individual cuts, all working together to make a larger form. You can see the basic scroll cut first with the square point chisel. It is used for outlines, and fine shading, while the wedge makes the bold weighted cuts, which put movement into the design.

Engraving is learning to see big patterns divided into small cuts repeated and varied. Photo #6 shows some of the script and lettering techniques Bruce showed us. The lay out and cutting of it is another subject and I do not propose to cover it here. We also learned to transfer designs and several people used these techniques to transform drawings into small engravings such as the moose shown in photo #7. This enlarged picture, is a good example of what I mean by learning to think in cuts. More cuts equal darker areas and less, light ones. It is hard to describe the focus needed to make these tiny marks. Every sense is used to regulate the chisel. The hands move together as the hammer follows the rise and fall of the chisel, the eyes watch the edge of the cut as the shining chip grows wider and wider, the cut deepens, the ear hears the rhythm of the hammer grow in intensity until the eye decides the cut is at its widest, when the hand lowers the chisel, the hammer eases, the chisel rises out of the work, and the chip rolls to the side.

Bruce is a skilled craftsman who is also an excellent teacher. His excitement at teaching spread to the class and all of us were pleased with the results of the weekend. To reach the level of skill demonstrated by Bruce would take years of practice but we felt we had a clear view of how it could be achieved. Following are two quotes I found in my reading about engraving, which I thought, might be of interest. Engraving like forging, is as much a discipline of the mind as it is of the hand.

"To be effectual all work must be done with the edge of the mind a little in advance of the tool."
W.R. Lethaby, *Silverwork and Jewelry*, 1912

"Do not practice in a aimless, mindless manner or when you are very tired. By giving every cut your complete attention and effort your work will be sure to improve. This in itself is rewarding and you will soon find yourself making "just one more cut." When you have reached this point (the point where you don't want to lay down the tool) you are on your way to becoming an engraver." James B. Meek, *The Art of Engraving*, 1973.

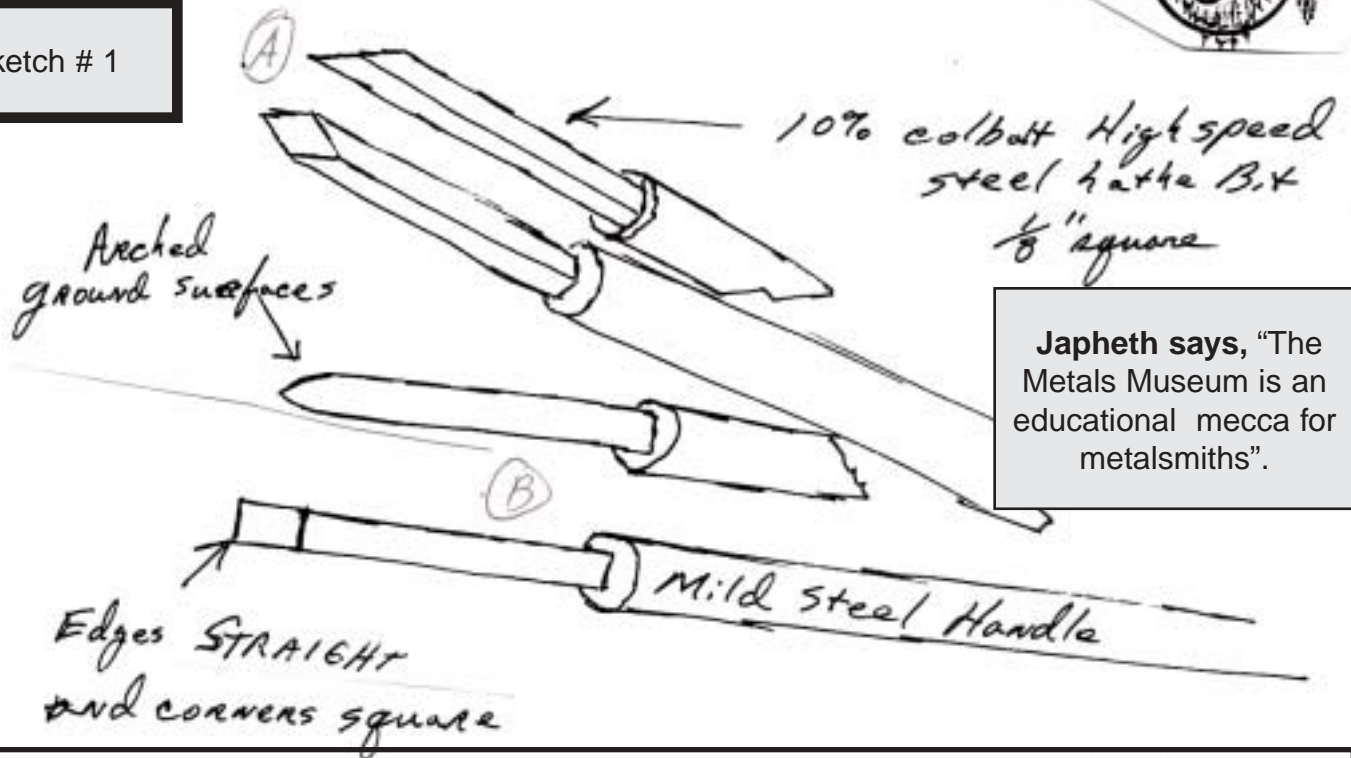
Ed Note: Japheth Howard and his wife, Alice James, operate Flicker Forge in Salisbury, Missouri. He was awarded a BAM scholarship to attend a class in metal engraving at the Metals Museum in Memphis. Japheth is a past staff member and artist in residence at the Metals Museum. Japheth has taught classes at Penland & Peters Valley Craft Center. Alice James has been an artist in residence at Appalachian Center for Crafts and has taught classes at Penland and Haystack. Their shop is in a former school house along with other family enterprises. Japheth and Alice hosted a BAM meeting in January 2002 and will host the Nov 2004 meeting. Both Japheth and Alice give demonstrations that keep your attention glued to their work with envy for their skill level.

FLICKER FORGE

L. Japheth Howard, Blacksmith



Sketch # 1



Japheth says, "The Metals Museum is an educational mecca for metalsmiths".

Sketch # 2

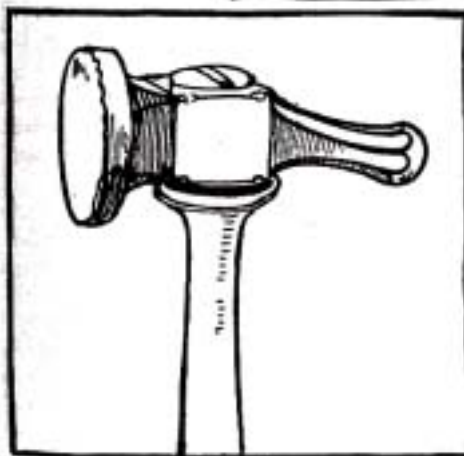
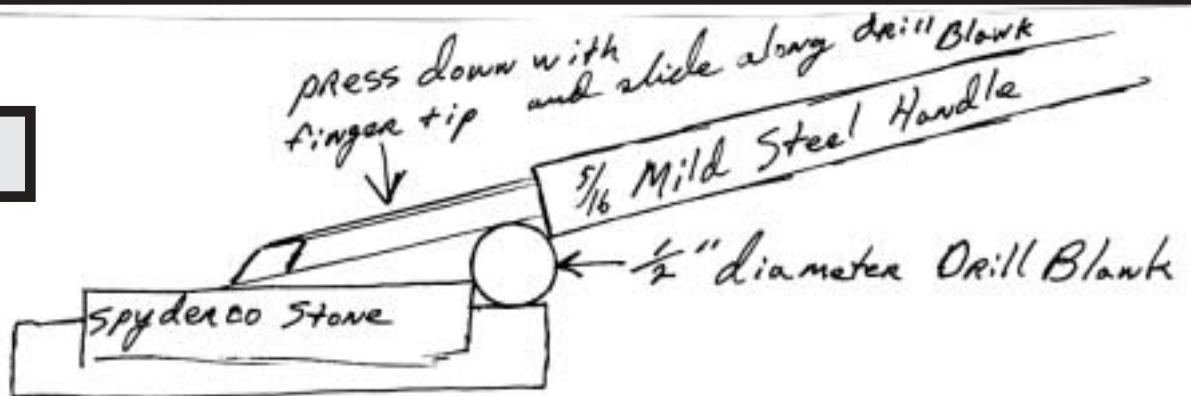
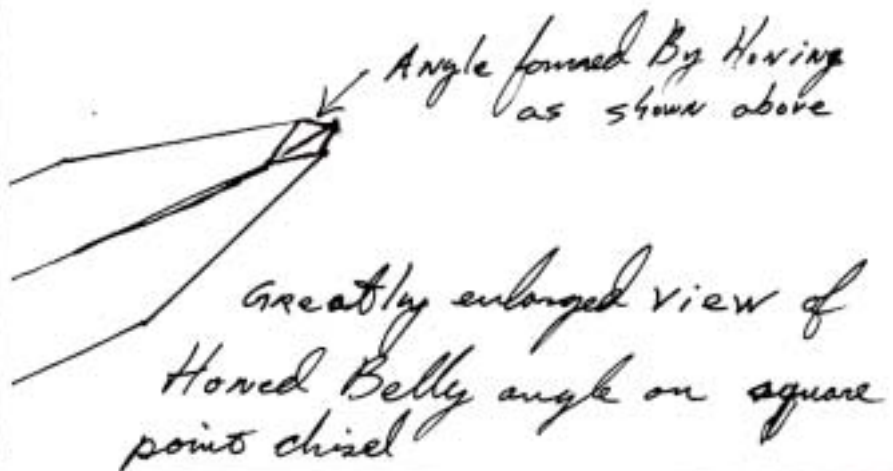


FIG. 3



BLAZING CONTRAPTIONS *by George E. Lewis*

Have you pondered the meaning of life and found there's not much meaning? Have you listened to all of your peers, taken their advice, and wish you hadn't? Have you seen all the wonders of our modern age and wondered why man cannot invent a screw that will stay tight in the bottom of your electric skillet? Do you feel like this is a dog-eat-dog world and you have milk bone shorts? If you can relate to these feelings, you are perfectly normal, but maybe you need to add some excitement to your life while you still can.

I like to watch the fire, I enjoy the smell of brimstone, and I will take the chance of getting burned. I know some of you are thinking of last week's sermon, but that's not at all what I'm talking about. I'm talking about a hobby, and mine is blacksmithing.

I remember that October, 1970 day when my interest was triggered. After returning home from Vietnam, my cousin, Lewis (Louie) Stevenson, had taken welding classes at the Vo-Tech school, compliments of Uncle Sam.

My wife, Donna Rae, and I went to Uncle Herman's house in Doolittle to visit. As we exited the car, I could hear howling, and billows of smoke rose from the garage behind the house.

As I came around the corner of the house, Louie was standing in front of the garage with a strange creation. I looked it over from top to bottom, then side to side. He had an old truck wheel rim filled with dried mud, and it was connected to an old gate valve and pipe that was connected to the blowing side of Aunt Delphie's Kirby vacuum. The howling of the Kirby was matched only by the roar of the flame shooting out of the burning coal that was laying in the mud-caked truck rim. I hollered to Louie, "What the hell is that?" Louie replied, "It's my blacksmith forge."

As I marveled at this pile of burning contraption, Louie went into the garage and came out holding Uncle Herman's favorite fish gig. Louie hollered, "I'm going to surprise Pop and straighten and sharpen his gig". He placed this prized possession in the midst of the howling flame and then buried it through the red coals, then orange, then yellow, all the way to the white hot center coals. I yelled to Louie, "How long do you leave it in there?" "Not very long," he replied.

Louie grasped the handle and lifted it from the flame. Our eyes grew very large as our bottom jaws dropped, for we just found out that not very long was too long. It was a sickening sight to see this once four-prong masterpiece glowing white with sparks shooting off the nubs that had once slain so many fish. Louie flipped off the Kirby. In a low, sorry tone I told Louie, "You melted Uncle Herman's gig!"

Louie had messed up Herman's gig and had to do a lot of explaining, but he also impressed me with his contraption. Within two weeks I had created a similar forge, and through the years I have melted down many projects.

Continued on next page

George E. Lewis is a long time member of BAM. He writes a daily column for the Rolla Daily News under the byline of "By George". This article appeared in that newspaper on Sunday, January 11, 2004 and is reprinted here by permission of the author, BAM member, George E. Lewis.

Blazing Contraptions by George Lewis continued

In the last 30+ years, this triggered inspiration has grown and is contained in a 40' by 40' workshop. Many projects and memoirs have been made in this blacksmith shop. All my dogs and cat have the greatest respect for metal, as it may be hot. On the day that squirrel came into the shop and jumped up on the hot pole vise, we all ran out the door to get away from that hot footed vermin.

I have three forges in my shop now, and I'm glad to report none of them contain a truck rim. I still get that strange feeling when the forge fires up and the cold steel starts warming, becoming like a neon piece of clay that can be shaped between the anvil and hammer. When it cools, it becomes like a three dimensional photo of your last hammer blow.

In my 40' by 40' get-away, the meaning of life is to enjoy the moment, don't listen to peers, and there is no dog-eat-dog world. If I hear the phone, I won't answer it. And about inventing that electric skillet screw, I guess I will get on it.

If you are interested in blacksmithing, Missouri has one of the largest associations in the world to teach you. To learn more go to www.bamsite.org <<http://www.bamsite.org>> , and this will give any and all information on the Blacksmith Association of Missouri.

PAGE 6 SEPTEMBER 25, 2003 - PANA NEWS-PALLADIUM



The Hills of Missouri

I'm tired of my travelin', weary of wanderin'
My life's an endless old merry-go-round.
And lately my thoughts have been pleasantly pondering
Putting my feet down on good native ground.

I've traveled on freight trains and soared high on jet planes.
I've been to the East Coast and been to the West.
I've climbed the high mountains and walked the wide prairies,
Now I'm going back to the land I love best.

For the Hills of Missouri are haunting my memory,
I wonder how long it will be 'til I'm there.
These bright city lights just ain't right for the likes of me.
I miss the kiss of the cool mountain air.

The wide Mississippi, the Gasconade River,
Majestic Missouri, the Meramac, too.
They dance through my daydreams, they sing in my slumbers
Their songs of the ages, yet still ever new.

When my days are counted and told is my story,
Just bury my bones 'neath the sweet Ozark ground
Then when Jesus comes calling His saints home to glory,
The Hills of Missouri is where I'll be found.

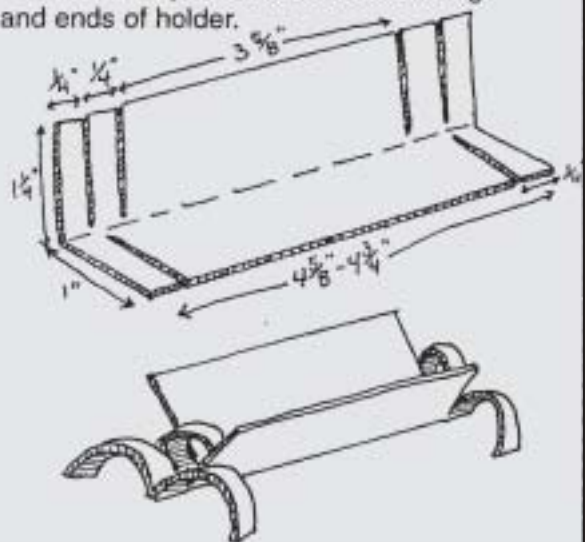
the blacksmith's boy

The poem at left was sent by BAM member Dean L. Coonrod of Pana, IL.

The author wishes to remain anonymous, but has granted permission to reprint the poem. Thanks, Dean

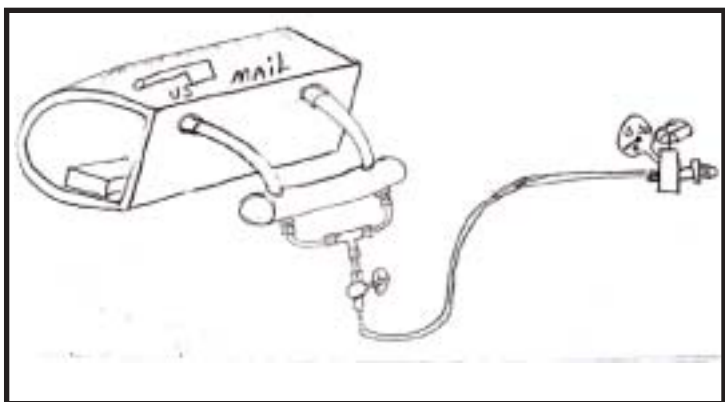
Tony Austin's Real Nice Business Card Holder

- Make cuts as shown on a scrap piece of angle rod (1 x 1 1/4 best).
- Curl end strips as shown to make legs and ends of holder.



From [Hammermarks](#), the Newsletter of the Kootenay Blacksmith Association, British Columbia Pg 8, Number 25, Winter 2003

Don Grammond's Mailbox Forge *by Don Grammond*



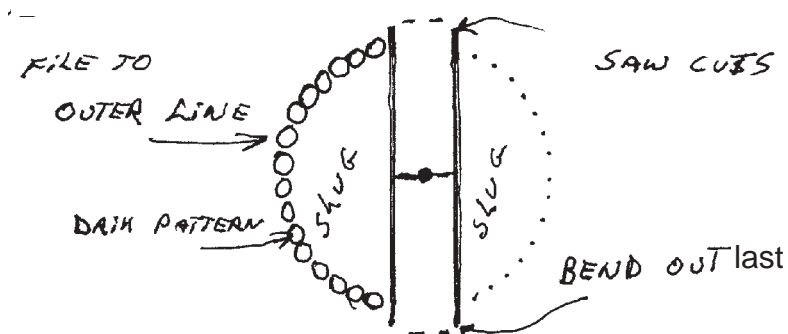
After retiring from a job at a large industrial plant, I realized I had lost my main benefit of dumpster shopping. This got me to thinking, what about the person who does not have access to a resource like that, or who does not want to be seen with only their feet sticking out of a dumpster. How could they build a forge themselves, with few tools and at a low cost? Everyone needs a gas forge, right? After a couple of trips to Home Depot, I had all the parts, except ceramic insulation, and I found that at a pottery shop.

Tools used were: hacksaw, elect (or cordless) drill, taps, drill bits, and 1/2 round file. To put a 1&1/8 inch hole in the side wall of the tubing, use the "drill out the slug" method, leaving two tags to bend out for metal screws.

Most metal tubing has a weld seam running the length of it (dark blue line on the inside), use this as a center line. Center punch two places, 8 inches apart, but equal distance from the ends. With a compass or dividers, mark a circle 1 and 1/8 inch in diameter, for the finished size of the hole.

Reset the compass and mark a circle 1" in diameter, to drill on. Make 2 hacksaw cuts 3/8 inch apart and across each hole. Layout and cut all the way to the outside of the circle. These will become mounting tabs. At this point, drill out the center punch mark at the circle center with a 1/8" drill, using an 8 penny common nail through this tube and measurements inside the tube, make a dimple on the far side of the tub to locate the gas nozzle on center, when it is time to drill that opening.

On the inner circle on both sides of the saw slots, use a 1/8" drill bit to drill out "D" shapes, prick punch marks 1/4" apart will help control the drill bit. Cut tabs in center, bend outwards and file out holes until the tubes fit. Attach the tabs with metal screws.



Safety Notes

This forge is meant to be set on a steel work bench or stand. It is lightweight and portable. It does not require a blower, but can be used with a hair dryer in one side of a 2" tube and a dixie cup on the other end of the tube to reach a high degree of heat. Believe me, this is more heat than you need. I only did it for an experiment (if you try, proceed with caution). The forge can be used upright, on side, or set up on the end, with proper support.

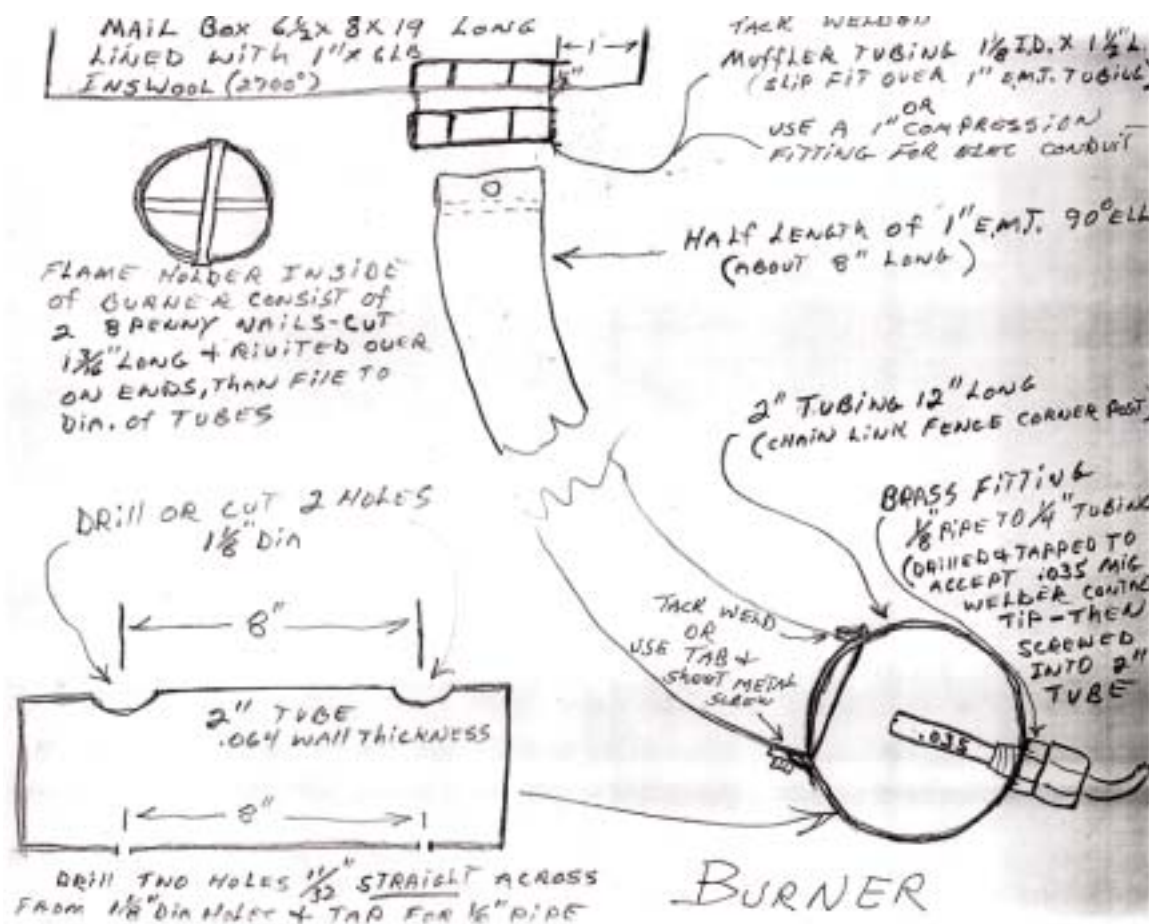
This forge heats up quickly, so it can be fired up only when needed. When reducing the door opening with a brick(s), remember you must exhaust a volume at least equal to the intake by the burners.

Firing up the Forge (Continuation of Don Grammond's Mailbox Forge)

Initially, have valve on the propane tank closed and the valve to the burners closed. Close door opening slightly, no more than 1/2 brick. With the burner valve still closed, open the tank valve (tank to regulator) and set the regulator at 12-15 lbs. Next open the valve to the burners 1/2 way (or 1/2 open) and hit the spark igniter at the same time. I use the BBQ igniter because I could not keep hair growing on my arms using the open flame or torch method. Upon lighting, if the flame pops back into the burner, the door opening is too small or the gas valve for the burner needs to be opened more. Light the forge at 15 psi on the regulator, after the interior is red to orange, back off the pressure to 5-10 psi. To increase the heat, just increase the pressure, there is no air mixture to mess around with. (Never use a butane lighter or any plastic encased lighter to light a forge or torch)

List of Materials

- 1 each rural mail box , approx 6.5" X 8" X 19". This is a perfect shape for a good flame pattern.
- Insulation (I used Inswool), 1" thick, X 28" X 19" Capable of handling 2700 degrees
- 2 " steel tubing: 12" long X 16 ga
- 1 each 1" EMT, 90 degree ell, 16" long (electrical conduit - this makes two)
- 2 each Mig welder contact tips (.035)
- 1 each 1/4" copper tubing tee fitting
- 2 each 1/8" pipe to 1/4" copper tubing fittings
- 2 feet of 1/4 inch copper tubing
- 1 each 1/4 inch shut off valve
- 1 each propane tank
- 1 each gas (propane) regulator with 0-30 psi gauge
- 4 each.1" thick (1 for floor of forge and 3 to use to close the door opening)



Disclaimer

Construct and use at your own risk. Neither the author or the Blacksmith Association of Missouri assume any responsibility for your use of this forge. It is published as information for our readership.

You may contact Don Grammond at:

PO Box 591
Bismark, MO
63624

Meeting at Bass Pro Shop Fab Shop

Jan 17, 2004 - Hosted by Kirk and Mona Sullens



Norman Kloeppel Jerry Rehagan
BAM Problem Solvers!



David McCord

Jim
Hodge

Lou Degginger

Dave
Edwards



Kirk S

David McCord

Kent
Harbit



Kirk Sullens

Treadle Hammer Workshop, Jan 24, 2004, at Lou Mueller's Shop

Lou D



Grinders and
Sanders



We have lots of information for this issue to cover. I have had several strokes of good fortune in regard to the newsletter; first Lou Degginger has volunteered to be the Assistant Editor and the way Lou is taking hold of this task, I think we will soon be co-editors, which will be good for the publication. Secondly, there has been more time to prepare this issue. The BAM goal is to get the issue to the members at least two weeks before the meeting. That seems simple enough, but at times, it has been difficult to meet that goal and the Nov-Dec issue did not make that time deadline. There is no need to detail the reasons, except Murphy's law was in full play. Now that Lou Degginger is on board, we hope to defeat Murphy's law. In addition, members are beginning to send in information for publication. Please continue to do so, we are starting to build files for future issues.

Nixa Meeting: The Nixa meeting was hosted by Kirk and Mona Sullens and as always it was a super display of talent and hospitality. Kirk did the demos and he is one talented person. In addition to the demos by Kirk, we were invited to tour the cabinet shop and log shop there at the Bass Pro facility. Esther Digh interviewed Kirk and it was difficult to pull him away from demos to get the interview. Some members stayed after the meeting and kept Kirk busy for several hours with questions and enjoyed observing his skill with metal. Lunch was provided and the building was large enough for all to stay inside out of the weather.

BAM Cookbook: Mona has extended the deadline by 60 days, so please get your recipes to her ASAP. Mona says that hand written recipes are OK and she will type them in the format for the cook book. Send to: Mona Pieron (Mrs. Kirk Sullens), 4319 S. National, PMB # 147, Springfield, MO 65810 or email to: kirk@kirksullens.com

Sedalia Meeting, March 13: Hosts Neil and Vicki Poort. Map and info on page 23

Demonstrators Wanted: The Hermann Arts Council wants blacksmith demonstrators for their Corps of Discovery commemorative activities. They would prefer blacksmiths in period dress and using hand cranked forge. They have one forge and one anvil available. Demonstrators are desired for weekends of May 22nd and May 29th. Demonstrators may sell their goods, after purchasing an itinerant business license for \$2.50. Call Joey Los at 573-486-5908 for information or email jlo-sus@yahoo.com.

Blacksmith Tool Auction: Estate auction in Sedalia on April 3rd. Sale Bill on page 19.

State Fair 2004: Peggy Williamson has started her list of volunteers for demonstrators for the BAM Blacksmith Tent at the Missouri State Fair. You can stay one day, several days, or the entire two weeks. It is a fun event and plenty for everyone to do, ie: demonstrate, talk to observers, and help set up to start and pack up at the end. Call Peggy at 870-445-2564

Boy Scout Demo: Joe Wilkinson has agreed to hold a demo for the Boy Scout festivities at Jefferson City (Algoa Area), as part of the Lewis and Clark event. This will take place on May 29th, so Joe will miss the meeting at Mark Twain State Park. He will no longer be President, so he says he can be absent. He invited me to assist with the Boy Scout gig and I thought that is really nice of Joe and I feel honored. I finally figured out that I was invited to be present, only if I would agree to bring a gas forge. That's OK, because Joe will now feel obligated to help me with the Mobile Training Station (MTS), when it is at my shop.

Summary of Minutes from September 20th Meeting at Shelbyville, MO

Thanks to Ehrenbergers for hosting.

Bruce Herzog gave Treasurer's Report, with 548 members in BAM. Bruce Herzog gave an update on the treadle hammer workshop. Larry Hults gave an update on the forge workshop. Peggy Williamson asked for volunteers for the BAM State Fair demonstration tent. Richard Riepe spoke on success of farrier workshop. Joe Wilkinson will host trainer workshop on November 20th. Schedule for Mobile Training Station (MTS) discussed. BAM has received a coal delivery. Joe Wilkinson briefed members on BAM demo for Boy Scouts participation in Lewis and Clark events. Jim Thomas spoke on forged grubbing hoe and a bar of zinc alloy. BAM members admired Becky Barringhaus's new purple hair.

Summary of Minutes from November 8th Meeting at New Melle, MO

Bruce Herzog gave Treasurer's Report.

Submit recipes to Mona Pieron for BAM Cookbook.

Trainer meeting on November 22nd at Joe Wilkinson's shop

For newsletter: business cards and Christmas items needed for publication.

March 13th meeting at Neil Poort's shop in Sedalia, MO

Metals Museum has a exhibit by Peter Ross

Don Nichols reminded members that scholarships are available.

Tom Clark announced that Ozark School of Blacksmithing has vacancies in some classes.

Kirk Sullens announced that he may have a source for a group buy of gas savers.

Summary of Minutes from January 17th Meeting at Nixa, MO

Thanks to Kirk and Mona Sullens for hosting.

Thanks to Bass Pro Shop and employees that assisted.

President read a letter of thanks from Metals Museum for donation from BAM.

Motions made and approved: Send \$500 donation to Metals Museum.

President Joe Wilkinson read or announced the following:

- List of equipment needed for ABANA conference.

- Announced need for assistant editor.

- Called for assistance in writing articles for BAM's upcoming roster.

- Announced that the BAM Mobile Training Station (MTS) is now insured.

- A new sound system will be purchased for future meetings.

- Asked for members to send articles and shop tips to the newsletter editor.

Mona Pieron (Mrs. Kirk Sullens) announced she needs more recipes for BAM Cookbook project.

Peggy Williamson asked for volunteers for State Fair BAM demonstration tent.

Bruce Herzog gave Treasurer's Report, with 552 members in BAM.

Don Nichols called for nominations the election of BAM officers.

Don Birdsell spoke on Mobile Training Station (MTS) and the need for volunteers.

Larry Hults gave update on gas forge workshop.

Kirk Sullens announced he had a source for a group buy of gas savers.

President again thanked Kirk Sullens, Mona Pieron, and the Bass Pro Crew and adjourned.

Another 2003 BAM Wedding

Ed Harris and Bobbie Futch were married on September 13, 2003 at Coronation of our Lady Church in Grandview, MO. Bobbie is a Federal Probation Officer and she spends her spare time as a volunteer with the Rainbow Girls organization.

Ed says she hasn't yet developed some metal skills, but he is working on that.

Congratulations to Ed and Bobbie!

More on the 2003 Jim McCarty Wedding

Jim and Gretchen Sullentrup were married on Thanksgiving Day. They were grade school sweethearts. Jim promised a photo, but the attached photo did not come through.

Congratulations to Jim & Gretchen!



PUBLIC AUCTION

BLACKSMITH AND FARRIER TOOLS

SATURDAY, APRIL 3, 2004

10:00AM

To settle the estate of Steve Hayes, the following will be sold at absolute auction:

Stainless Steel coke forge
 Forgemaster Propane forge
 NC Low Boy propane forge
 150 lb. Extension anvil with stand
 100 lb. Peter Wright anvil with stand
 tangle hammer
 2 leg vices
 4 Steve Hayes top anvil vices
 AC/DC arc welder
 Welding rod (6011, 6013, hardfacing)
 Welding helmet
 Acetylene torch set with bottles
 5 bench grinders
 2-4 1/2 in. hand grinders
 2-8 in. hand grinders
 1 hp Grizzly knife belt sander and buffer
 sanding belts and discs
 grinding and buffing wheels
 4 sledge hammers
 10-40 blacksmith and horseshoeing hammers
 20-30 pair forging tongs
 4 horse halters and leads
 various plastic tubs
 welding table

Wooden work table
 12 fillers
 12 lipspatches
 10 prybars
 2 mechanics tool boxes
 2 handled tool boxes
 flat bar stock
 concave bar stock
 aluminum bar stock
 Nature Farm shooting box
 Everyday shoeing tools
 2 drill presses
 variety new horseshoes
 various pads
 boxes of nails
 Lots of misc. ...

FOR
INFO:
CALL 913-669-7676

THIS IS NOT A COMPLETE LISTING; MANY ITEMS ARE STILL BOXED.

TERMS: CASH, CHECK WITH PROPER ID. ALL SALES FINAL. NOTHING REMOVED UNTIL SETTLED FOR. ALL ITEMS TO BE REMOVED FROM SITE SALE DAY. NOT RESPONSIBLE FOR ACCIDENTS OR SICKNESS. ALL ANNOUNCEMENTS DAY OF SALE SUPERCEDE PRINTED MATERIAL. ITEMS SOLD "AS IS, WHERE IS".

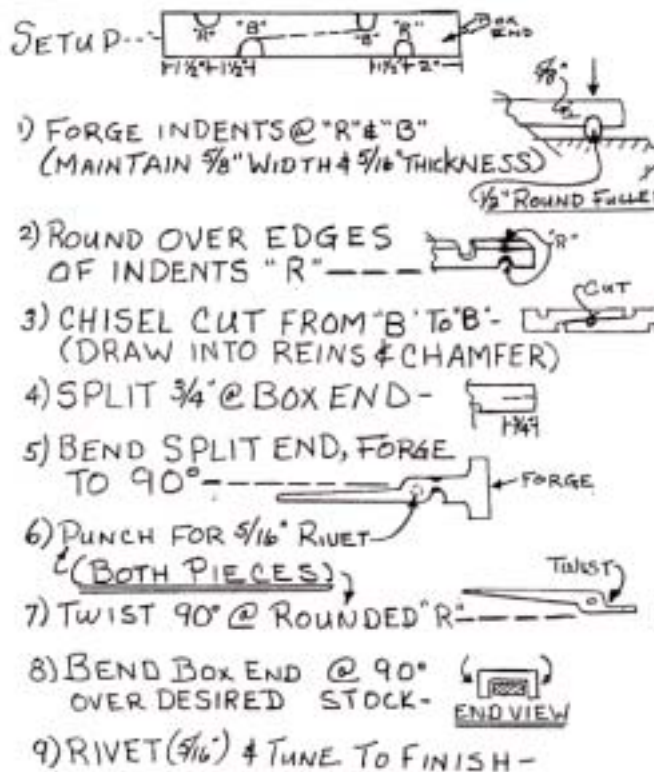
DIRECTIONS: CARRIAGE HOUSE FARRIER SUPPLY, FREEMAN, MISSOURI.

FROM KANSAS—TAKE 69 HWY. TO 247TH STREET EAST. GO 8 MILES TO D HWY. TAKE D HWY. SOUTH 3 MILES TO 2 HWY. AND GO EAST 6 MILES TO FREEMAN. JUST EAST OF FREEMAN, THERE ARE LARGE WHITE OIL TANKS ON NORTH SIDE OF ROAD. TURN SOUTH AT TANKS ONTO BENNETT RD. 2 MILES TO "T" IN ROAD; TURN EAST 1 MILE TO SALE SITE.

FROM MISSOURI—TAKE 71 HWY. TO 2 HWY.; WEST 9 MILES TO LARGE OIL TANKS AND FOLLOW ABOVE DIRECTIONS.

Darryl Nelson's Box Jaw Tongs by Don Kemper

"DASIC" --- 5/16" X 1" X 16" Stock - B



NORTH WEST BLACKSMITH ASSOCIATION

Larry Brown, Editor

Volume 8, Number 4



Turkey at Left, made by Kirk Sullens at Bass Pro

Turkeys below are in attendance at Pat McCarty's Hangover Hammer-In, Jan 1, 2004.

According to Pat, Doug Hendrickson is revealing his plan to become a ballerina dancer.



Workshops

Treadle Hammer

The second workshop session was held at Lou Mueller's shop on Jan 24th. Forty hammers are being built and forty or more members showed up to work. The work went so well that some groups were finished with their tasks by noon. Thanks to the supervision by Lou Mueller, Bruce Herzog, and Andy Herzog, the work flow was smooth and well orchestrated. One of the welders from the previous workshop, Dave Smith, had bypass surgery recently, so he was not available for the welding process, but Joe Wilkinson took his place. Dave did visit with us and brought his son, Mark, to help. Mark is very good at assembling skate wheels for the treadle hammer, a skill that he will no doubt use for his kids' skateboards, eventually. All participants will be notified by Bruce Herzog of the dates of future workshops. It is likely that the group will be split into two sections to facilitate assembly.

Gas Forge

Larry Hults, the coordinator, reports that the project is on track and the first meeting was successful with nine members attending. Larry brought a proto-type forge to the meeting in Nixa, which will be a model for the workshop. Larry will notify the participants of the date and time of the next session.

John Deere's Historic Site Hammer In - August 7th, 2004 - Grand Detour, IL

This will be a public event celebrating the Site's 40th Anniversary and company founder John Deere's 200th birthday. Blacksmiths demonstrators are welcome and to sell their wares. Deadline for registration is April 1st, call Rick Traham 815-652-4551 or email TrahamRick@JohnDeere.com

Bladesmith Workshop - March 13th and 14th, 2004

Chuck Hawes and BAM member Ken Markley will hold a bladesmith workshop at the historic village on North 27th Street, Mt. Vernon, IL. Chuck Hawes will forge mosaic pattern Damascus and Ken Markley will make a traditional Damascus blade, including, forging, heat treating, and etching.

Little Giant Power Hammers - Rebuilding Seminars for 2004

There will be two classes in 2004, both taught by Sid Suedmeier, owner of Little Giant. Each class is two and one half days long and is a hands on opportunity to transform a 25 lb Little Giant from a clattering jalopy to a smooth, responsive machine. No prior experience is required. Cost is \$95.00, refundable up to 7 days prior to the start of the class.

New Style Class.....March 12-14

Old Style Class.....March 19-21

All classes are held at Nebraska City, Nebraska

Contact Information:

Little Giant, 420 4th Corso, Suite B, Nebraska City, NE 68410

Phone 402-873-6603 email lgiant@alltwl.net

Note: Sid Suedmeier is a Life Member of BAM and always attends the annual conference. He usually brings power hammers and is available for questions on Little Giants.

**See the conference brochure for information on workshops
at the annual conference April 29th, May 1st and 2nd**

See Conference Information on Pages 2, 3, and 4.

Mobile Training Station (MTS) Schedule

NOTE: This is the best information available at the present time. Questions and changes should be addressed to Don Birdsall, MTS Coordinator, at 636-677-5398 or email djbirdsall@networkusa.net
The fee per day for the February classes at Lou Mueller's shop in Fenton were set at \$20.00 per day. The host at the mobile stops may need to increase the fee slightly to cover expenses or surcharge fees (ie: Voc-Tec Schools, city parks, location rents, etc)

March 20th and April 3rd
Bob Ehrenberger's Shop
6192 Hwy 168
Shelbyville, MO 63469
573-633-2010
eforge@marktwain.net

April 30th
Conference Workshops
Blacksmithing - Lou Mueller
Bladesmithing - Ken Markley
Baskets - Mary Jo McCarty
Landscaping - Tim Ryan
See Conference Brochure

May 8th and May 22nd
Davis Hart Voc-Tec School
(Mexico Public Schools)
905 N Wade, Mexico, MO
Contact Ned Digh

May 15th and June 5th
Fulton, MO - Contact: Ned Digh
Shop: 6792 Cnty Rd 424
(in Ham's Prairie area)
Mail address: PO Box 765,
Fulton, MO 65251
573-642-8332
or npdigh@ktis.net

BAM Members Take Note

**This is an
ambitious effort
to teach
Blacksmithing
and will need
your support
as
Trainers
Coaches
Shop Locations
&
Recruiting
Students**

Need Info: Call Don Birdsall
phone # shown above

July and August
Host: Ed Harper
202 East Fir
Browning, MO 64630
660-946-4460
aramed@grm.net
Dates: TBA

September and October
Host: Ray Chaffin
RR 3, Box 279
Warsaw, MO 65355
660-438-5720
rayzwelding@aol.com

November and December
Hostess: Tracy McCarty
36028 West 239th Street
Edgerton, KS 66021
785-883-4174
blacksmithbabe@hotmail.com
Tracy's shop burned recently and
she is in process of
building a new shop.
Dates: TBA

January & February 2005
Host: Jeff Willard
PO Box 416, Willard, MO
417-742-4569
jessjump@hotmail.com
Date: TBA

Tentative: May and June 2005
Host: Ray Scott
Date and Place: TBA
Ray is moving to Steelville and
hopes to hold class there.
He presently lives in Eminence
573-226-5541

Registration for MTS (Basic Blacksmithing)

Use Conference Brochure for Conference Workshops Only

Send the following information to the host of the class
that you want to attend: (a 3' X 5" index card would be ideal)

Name, Address, Phone, email

It will assist with planning if you enroll 30 - 60 days prior the
start of the class. Contact host for exact fee and directions.

Students must bring safety glasses and work gloves.

Recommended: cotton clothing, work shoes, no nylon,
polyester, or highly flammable materials. No open toe shoes.

Want Ads

www.bamsite.org has a buy, sell, trade section or send email to: Around_the_Anvil@yahoo.com

If you have questions, call Ed Harper at 660-946-4460 or email him at: aramed@grm.net

**NOTE: Newsletter ads are only published for 2 issues, then require renewal
Send newsletter ads and renewals to: Ned Digh fax, mail, or email.**

From Clay Spencer: Exp 04/04
Inline (rollerblade) treadle hammer for sale. \$1200, loaded at my shop in Murphy. Treadle hammer plans for sale — Inline plans \$9.00, includes postage. Beverly shear blades sharpened, \$35 plus shipping, bring the shear to the Folk School or ship the blades to me. Clay Spencer, 934 Partridge Lane, Murphy NC 28906, Phone 828-837-0708 **New e-mail clayms@brmemc.net**

From Peggy Williamson: For Sale Exp 04/04
Jet Mill/Drill, Model # JMO 18, Stock # 350018, on stand, 36" tall, like new, very little use. Asking \$4500. Call Peggy at 870-445-2564

From Kent Harbit: For Sale Exp 04/04
Wood planer, capacity of 24" width and 8" thick. 3 Phase motor. Call Kent at 660-647-2349

John & Matt Wilding
Herrmann's Hobby Blacksmiths

322 West 8th Street
Herrmann, MO
65041
Phone: 321-490-0244
Email: JohnWilding@prodot.com




THE METAL SHOP
Don Birdsall
6270 Antire Road
High Ridge, MO 63049
636-677-5398
djbirdsall@networkusa.net




Shop Tip from Don Birdsall:
Nippers used to trim horse hoofs make great tongs and sometimes can be purchased cheap at yard sales & flea markets. The jaws can be reworked to shape you desire. Removing the pin will make for easier reworking of the jaw ends.

From Ray Chaffin: Exp 02/04
I have a computer operated plasma cutting system that can cut anything out of metal. Mail, call, or email your design for a price quote. I also have hardwood blocks (2-2.5" X 12-14"), for \$5 each. Blocks are available in curly maple, straight maple, english walnut, birch laminated in brown/white and blue/white. Call Ray at 660-438-6720 or email: Rayzwelding@aol.com
Ray Chaffin, RR 3, Box 279, Warsaw, MO 65355

MATTHEW BURNETT
BRAIDED CROSS FORGE

4423 NW Dillon Drive
Hamilton, MO 64644
816-575-2798

MO-KAN
Forge


Blacksmith and Farrier Supplies
Charles and Patrice Comstock
Rt. 1 Box 20, Deerfield, MO 64741
417-927-3499

HOPE VALLEY FORGE
In Beautiful Downtown Hope, Mo. • Pop. 13

Just For Fun Blacksmithing
190 Valley Lane
Morrisen, MO 65061
Joe. E. Wilkinson
(573) 943-6779

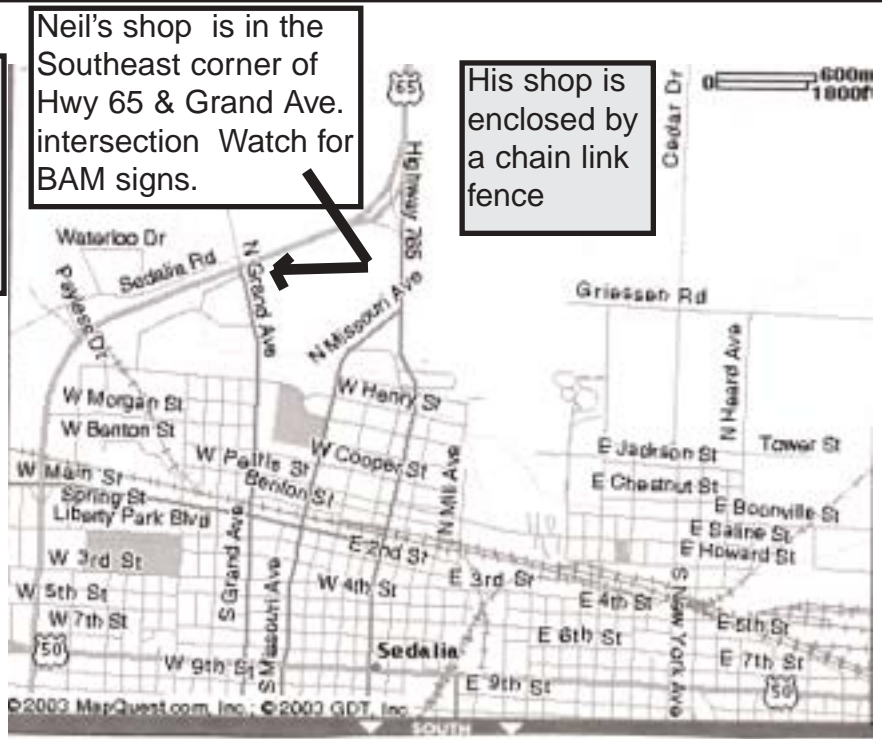
From Maurice Ellis: Exp 04/04
Custom built air hammers: 6 pound table model \$1,400, 20 pound table model \$1,900, 20 pound floor model \$2,300, 40 pound floor model \$ 2,800. Also custom metal spinning in copper, brass, pewter, and steel. Contact Maurice at: 573-766-5346 or Maurice L. Ellis, RR 1, Box 1442, Belgrade, MO 63622-9709 email: mbellis@misn.com

March 13, 2004 - Meeting at Sedalia, MO Hosted by: Neil and Vicki Poort
 email: rockhorse@iland.net Home address: 3120 S. Ingram, Sedalia, MO 65301 Home phone: 660-826-2131
 (NOTE: see map below for location of BAM meeting)

There is a flashing light at the intersection of Hwy 65 and Grand Ave.
 The shop does not have a street number so watch for BAM signs!

Neil's shop is in the Southeast corner of Hwy 65 & Grand Ave. intersection Watch for BAM signs.

His shop is enclosed by a chain link fence



Important Information:
Bring Chairs! There is no seating at Neil's shop!
Lunch will be provided.

Trade Item:
An item made from a horseshoe!

Free Catalogs
 Rocky Comfort Forge offers a free catalog of video/DVD offerings from 21 master blacksmith demonstrating throughout the Southeastern U.S. Send name and address to: Rocky Comfort Forge, 6323 Pat Thomas Parkway, Quincy, FL 32351 or request by email rockycomfortforge@gdsys.net

BAM Recommended Books

#1 Country Blacksmithing by Charles McRaven
 Making a forge, using scrap metal, and general blacksmithing. A Missouri book, with references to MO smiths, including BAM Life Member Bob Patrick.

2 A Blacksmith Primer by Randy McDaniel
 A self-study course in basic and intermediate blacksmithing.
 Written for the individual to develop basic and intermediate blacksmithing skills.

February 7 & 21
 MTS (Basic Blacksmithing)
 at Lou Muellers shop
 (new location)
 1249 Mauer Ind Dr,
 Fenton, MO

March 13 BAM Meeting
 Sedalia, MO
 at Neil Poort's Shop
 See above info & map
 Lunch Provided
 Bring Chairs

April 30 & May 1 & 2
 BAM Annual Conference
 Conference Brochures
 have been mailed
 with registration form and
 event schedules

See Schedule for other MTS classes on Page 21

May 29 BAM Meeting
 Mark Twain Cave State
 Park, Hannibal, MO
 Host: Kirk Sullens
 More Info: TBA

July BAM Meeting
 Willard, MO
 Host: Jeff Willard
 More info: TBA

July 7-11 ABANA
Richmond, KY

Opportunities

March 13 BAM Meeting at Neil Poort's Shop, Sedalia, MO [map on pg 23](#)

March 20 & April 3 MTS at Bob Ehrenberger's Shop, Shelbyville, MO

April 30 &
May 1 & 2: See large note below for BAM annual conference!

May 8 and 22 MTS at Mexico Voc Tec, Mexico, MO 905 North Wade, Mexico, MO
(Officially know as Davis Hart Voc-Tec School at Mexico, MO)

May 15 & June 5 MTS at Ned Digh's Shop, Fulton (Ham's Prairie), MO

May 29 BAM Meeting at Mark Twain Cave State Park, Hannibal, MO

April 30th, May 1st & 2nd:

Ozark BAM Annual Conference

Warren County Fair Ground

Warrenton, MO

July 7-11th : **ABANA Conference**

Richmond, KY at Eastern KY University
on I 75, approx 30 Miles South of Lexington, KY

BAM
2212 Aileswick Dr.,
St. Louis, MO 63129

First Class
US Postage
PAID
Jefferson City, MO
Permit No. 266

Address Service Requested