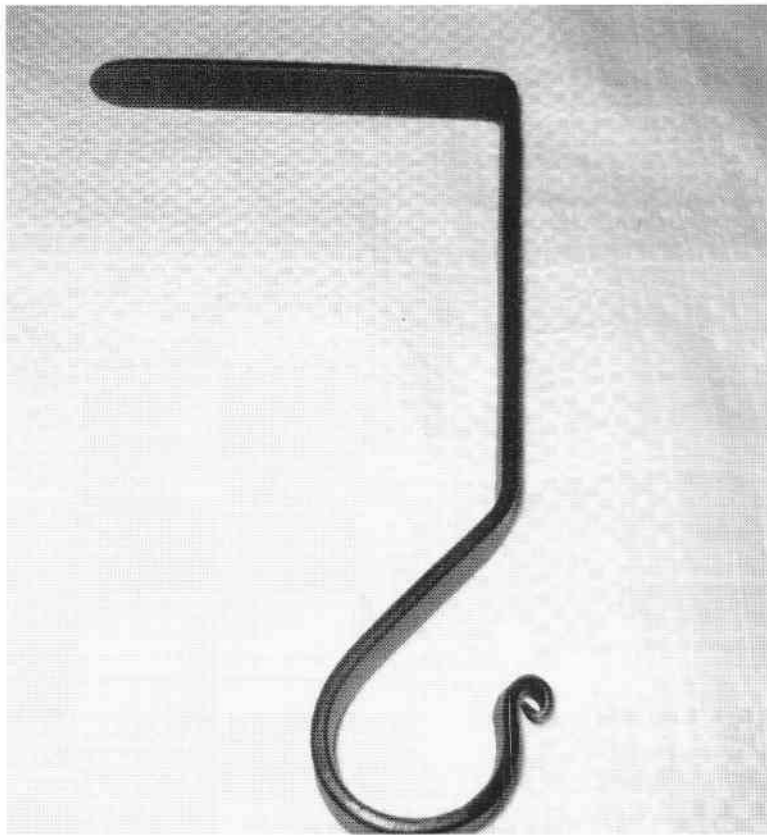


BAM

November-December 2003

www.bamsite.org

Mantle Stocking Holder



The
Newsletter
of
The
Blacksmith
Association
of
Missouri

**This is the second of two issues with:
Christmas/Holiday items that you can
make, submitted by BAM members
Plus: BAM Review for 2003 !!**

Update on the BAM Cookbook

Note ! Special Note: New email address for Mona

A BAM Good Cook Book. Have you ever noticed that wherever blacksmiths congregate, there is always a plethora of wonderful food? While discussing that fact at a recent gathering of smiths, someone suggested that BAM should produce a cook book to sell at the BAM Boutique. Yours Truly happened to be sitting in just the right spot (or wrong, depending on your view-point) to be singled out as "...just the person to do that."

So, this is my plea for recipes. Do you make a killer brownie? Is no family gathering complete without a bowl of your famous salsa dip? Do you never go camping without toting along everything to make a pot of chili big enough to last the whole weekend? If so, send it in!

These recipes can be from BAM members, their spouses, their significant others, their mothers, we don't care. Just be sure to not only give me ingredients and directions, but a short little tidbit of personal information concerning the dish - we want this to be as much of a tribute to BAM and it's members as it is a place for great food ideas.

Be sure to include your name as you want it printed because we will be identifying all of our contributors. Please have all your recipes to me by January 17, 2004. We want to have the book printed in time to sell at the spring conference. Remember, no recipe is too small - if you blend just two ingredients, it's a recipe. Don't feel you have to limit yourself to just one either! We want this book to be chocked full of so many recipes that every person that picks it up will say "Wow, what A BAM Good Cook Book!"

If you have e-mail capabilities, please send them to kirk@kirksullens.com. If not, don't worry, just mail them to Mona Pieron, 4319 S. National, PMB#147, Springfield, MO 65810, and I'll type them in.

Written by: Mona Pieron (Mrs. Kirk Sullens - or Mrs. Raul as the smithing community knows him!)

Now send recipes to: kirk@kirksullens.com

Explanation: If you have already sent a recipe (or several) to the previously listed email of mona@kirksullens.com, please send again to kirk@kirksullens.com

Important News FLASH

**Start Planning for the 2004 BAM Conference
Items will be needed for the AUCTION and
the BAM BOUTIQUE**

Newsletter of the Blacksmiths Association of Missouri

Volume 20 No. 6

Nov -Dec 2003

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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 \$20/year; a portion of this amount is for a subscription to this newsletter for one year. BAM membership inquiries should be addressed to: Bruce Herzog, 2212 Aileswick Dr., St. Louis, MO 63129; (314) 892-4690 or send e-mail to bjherzog@msn.com. Editorial inquiries should be addressed to: Ned Digh, PO Box 765, Fulton, MO 65251 or email to bameditor@ktis.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 be given credit.

BAM Membership Application

Name: _____

Address: _____

City: _____ State: _____

Phone: () _____ Zip: _____

E-mail: _____

New Member Renewal ABANA member?

How did you learn about BAM? _____

Memberships are for one year from receipt of dues. Dues are \$20, which includes a subscription to the bimonthly BAM newsletter. Please make checks payable to Blacksmith Association of Missouri (BAM).

ABANA Membership Application

Primary ABANA Affiliate: _____

Name: _____

Address: _____

City: _____ State: _____

Phone: () _____ Zip: _____

New Member Renewing Member

Includes a Subscription to the Anvil's Ring and The

Hammers' Blow magazines

Regular Member\$45 yr.

Senior Citizen (Age 65+)\$40 yr.

Fulltime student\$35 yr.

Overseas airmail\$80 yr.

Overseas surface mail\$60 yr.

Contributory\$100 yr.

Full time student\$35 yr.

Public library\$35 yr.

A Tribute to Bruce Herzog

By Esther Digh

You may not know Bruce Herzog but you have heard of him if you have been to a BAM meeting. As treasurer of the BAM Bruce maintains and presents a clear and concise account of the financial status of the organization. He has been in this position the past two and one half years. He has the responsibility for membership which includes collecting dues, sending dues notices, and updating membership records. Bruce was librarian for 3 years prior to assuming the treasurer responsibilities.

Bruce is a native of Missouri. He now lives in Oakville, Missouri, with his wife, Jane. They have two sons, Andrew and Matthew. Bruce has a degree in Mechanical Engineering from the University of Missouri-Rolla. He is currently employed by Sunnen Products, a company that produces honing equipment, as a manufacturing engineer. Bruce first joined ABANA in 1976 and then joined BAM at a later date. His interest in blacksmithing is varied and focuses on tooling and architectural items.

When asked about the future of BAM, Bruce feels the primary issue is fulfilling the needs of the membership. He says there is no lack of interest in blacksmithing but is concerned about the individuals who join the organization but then leave. Bruce feels strongly about BAM offering workshops to the membership so that they may learn and enhance their skills as well as assisting members in getting affordable equipment. He is participating in the development of the mobile training station, organizing treadle hammer workshops, and orchestrated the anvil purchase out of Czechoslovakia.

Bruce said that people leave the organization because they did not get what they wanted. He feels it is extremely important to work at keeping individuals in BAM by getting information to them through the newsletter, conferences and workshops. Bruce says he is uncertain where BAM is going, however he emphasized the importance of getting members to work for the organization and to attend the meetings. Those who know Bruce, can attest to the fact that he does his job extremely well and is a dedicated member of the organization. He was the recipient of the BAM Golden Eagle Award in 2002. His example is one that can be followed by all. They say, "You are in good hands with Allstate". Well then, BAM's money is in good hands with Bruce Herzog.



At Left: The Interview

Bruce Says:
The major source of support for BAM comes from the proceeds of the auction and BAM Boutique.

Be generous with your gifts and donations for the auction and boutique!

Jiving Joe from Hope, Missouri
Joe is President, be nice to him or he may nominate you
to be the next President!

Boy, what a meeting at John Murray's shop. 102 members showed up, that's near a record for us. Of course, everyone knows to expect something unique from John and Lisa. We were served a whole roast hog (with an apple in it's mouth) and all the trimmings. We enjoyed some good demos by Pat McCarty and John. John also fired up his big power hammer and showed us what it's like to shake the earth.

Jerry Hoffman was there to show his wares. I especially like his little gas forge. Maybe someday I'll get to make one. The June 2003 issue of Jerry's Blacksmith's Journal shows how it's made. He also sells the kits with pre-cut parts.

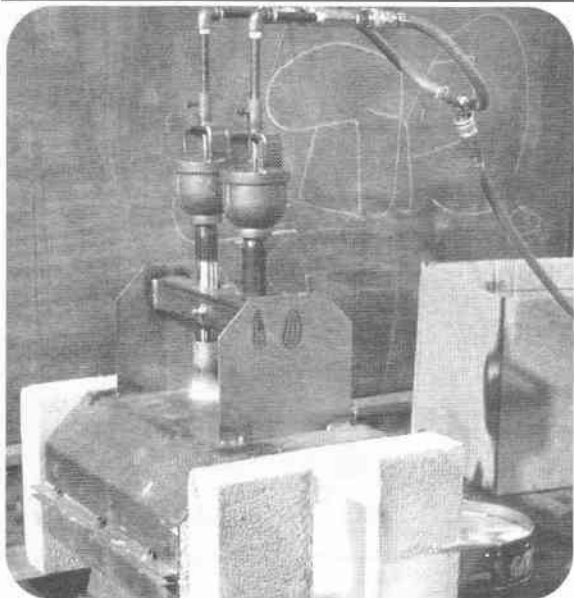
I announced at the business meeting that ABANA is offering a free ABANA conference registration to any affiliate that gets 10 new ABANA members by March 1, 2004. We decided to have a drawing among those that join, to determine who is to receive the free registration. If you decide to join, you must get the registration form from me because it is specially coded to alert ABANA that it is qualified for the free registration.

I think belonging to ABANA is a good thing, because it keeps you aware of current events in the greater blacksmith community. Also, the last few issues of the "Hammer's Blow" has what amounts to a correspondence course in basic blacksmithing and I think it is extremely well done.

Just a reminder that's it not too early to start thinking about making something for the BAM conference auction. I would surely like to see more items than we had last year. Also, remember the BAM Boutique needs small items to sell.

Send recipes to "Mona" at kirk@kirksullens.com or see page 2 for Mona's mail address.

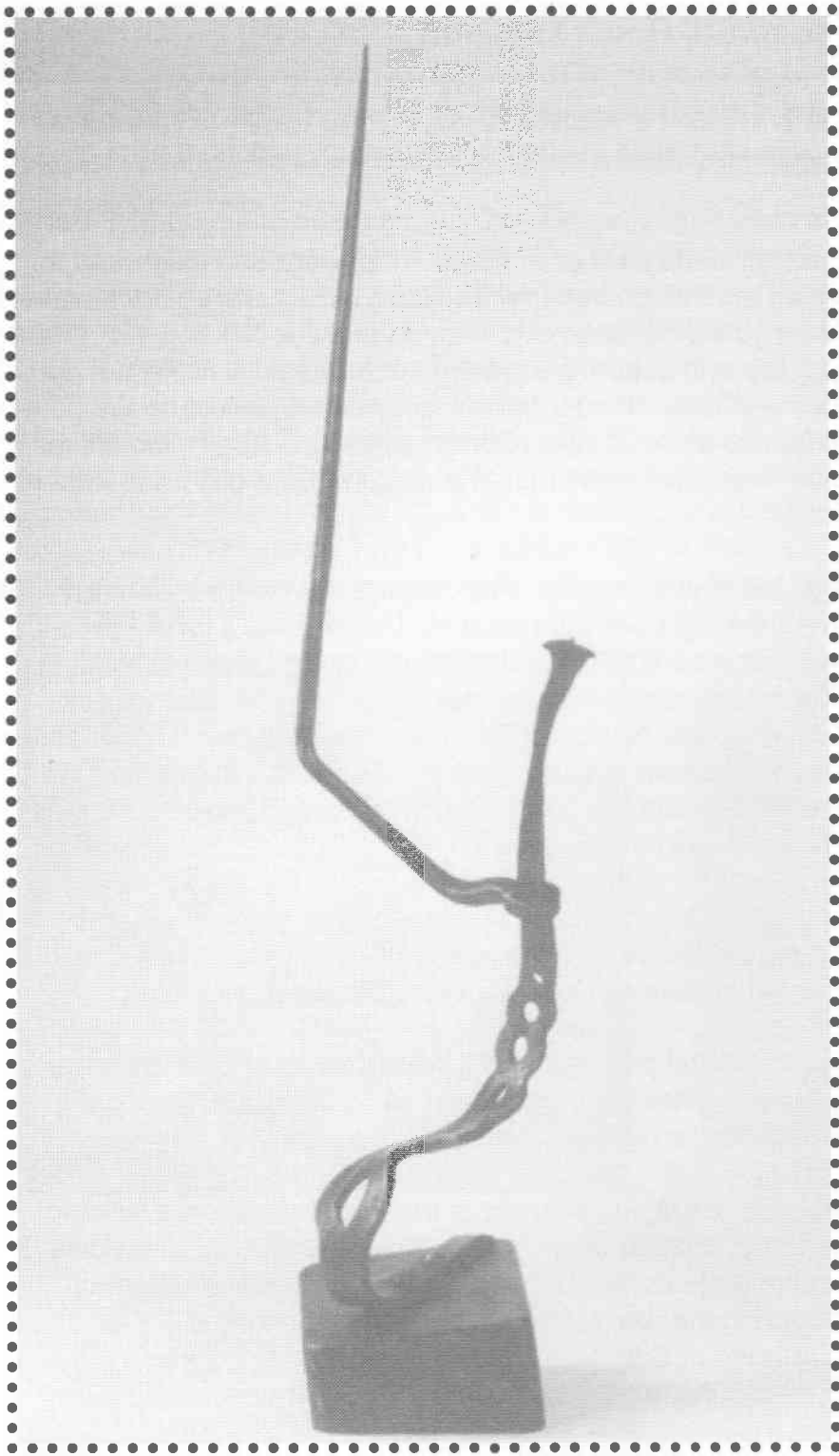
This being the last letter of the year, I want to take this opportunity to wish all our members Merry Christmas and Happy New Year - may your forge stay warm. Happy Hammering, Joe



Forges at the Meeting

Forge on Left:
BAM workshop forge,
as modified by:
Preston Williams

Forge on Right:
Jerry Hoffmann Forge
Jerry sells kits or
assembled forges,
this is single unit, can
have multiple units for
additional depth.



Woman with Sword

This is the art piece created by Walt Hull and referenced in the BAM Outreach Page.

Walt participated in the Third Annual Lawrence, Kansas "Own Your Own Art Exhibition and Sale" in 2003. This is a juried show and only a limited number of works by local and regional artist are accepted.

Walt's piece "Woman with Sword" explores the relationship of women to violence. She is reluctant and tired, but determined. Perhaps she is defending herself, her home, or her children. The plasticity of iron when hot and its rigidity when cold suit this sort of postural expression of character and emotion.

In Praise of Trade Items

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

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

By Doug Hendrickson, Editor, BAM Newsletter, Volume 3, No. 5, 1987

Host Bob Ehrenberger's Report on September 20th Meeting

We had a beautiful day for the meeting at our shop. Daniel was eager to show off the hydraulic press he made from an old punch press frame. He started off the demonstrations by making a billet of Damascus.

He had fallen into a good supply of pure nickel in the form of 3" disks. They were originally used to make optical lenses. He flattens them using the treadle hammer and then trims them on the shear to get pieces that are about 3" x 1.5". He then cuts a bunch of 3" pieces off of a bar of 1.5" x 1/4" (1084 steel) and stacks them up making sure the top and bottom pieces are 1095 (the pure nickel will not weld to itself). He puts the stack in the vice and tacks them together and welds a handle on them. It is now a billet ready to be forge welded into one piece of steel. Daniel uses a gas forge which takes a lot of the guess work out of finding welding heat. He knows that at a certain PSI of gas it will weld in his forge.

Daniel preheats the press dies with a large block of steel. If you do not preheat the dies, they will suck enough heat out of the billet to prevent the top layer from welding. Daniel uses a lot of flux (borax) to prevent scaling. Once it starts to glow he fluxes it and then when it gets close to welding heat he brushes and fluxes it again. When it hits welding heat he makes his first weld on the press with the crown of the dies lengthwise down the billet. Not taking any chances, he fluxes it again and reheats before starting to draw it out. When it is drawn out about double it's original length he folds it over and rewelds (this doubles the number of layers in the billet). Daniel fluxes EVERY time he puts it back into the forge, taking no chances on a bad weld or inclusion.

He folds and re-welds until he gets the number of layers that he wants. Then he draws it out to a usable size, normalizes it three times and puts in the vermiculite to anneal. When he goes to make a blade out of Damascus he does all the forging at welding heat to prevent breaking any welds.

After making Damascus Daniel turned the forge and press over to Corbin Newcum. Corbin converts 2 lb bearings into bars of 52100 for knife blades. After Corbin smashed his bearings he turned the forge over to Daniel's friend, Craig, who converted a big bar of W2 into blade stock.

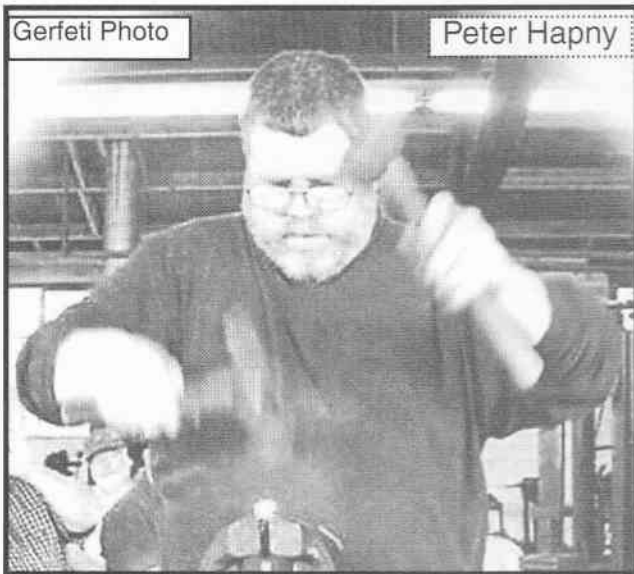
When they were done at the press, I took over. BAM had sent me to the Bob Patrick forge welding class and I need to pass on what I had learned. Instead of giving a demo on general forge welding, I decided to show how to make one of the side projects that Bob did. One of the neat things about the class was that after formal instruction during the day we would go back to the forges in the evening. We could practice what we had learned or Bob would show us how to make something using the techniques just learned. The project I chose was the miner's lamp (see detailed article on making the miner's lamp).

After I completed my demo, we had lunch, thanks to my wife, Jan, and the ladies of the Couture family. Then the business meeting and the drawings were held for trade items and iron in the hat. In the afternoon I showed a few of the guys how to make an acorn using a set of dies I made after Maurice's meeting. Finally some of the guys went out to Daniel's shooting range to admire each other's guns in action. Like usual there was a good supply of tools and iron for sale in the parking lot.

The only draw back to hosting a meeting is that I'm too busy to really make the rounds in the tail gate area. *Bob Ehrenberger*

CAN YOU HAMMER WITH BOTH HANDS?

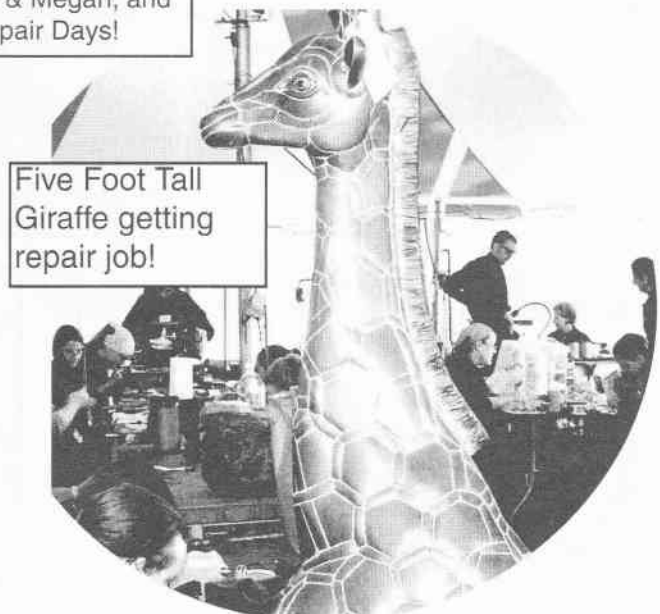
Those members that attended the Clay Spencer Workshop at Lou Mueller's shop in June of this year learned to hammer with both hands at the same time. Mike Nave hammered with both hands at the BAM Conference forging contest several years ago and appeared to be quite good with this unusual talent. While talking to Peter Hapny at Repair Days at the Metal Museum, I mentioned that Clay taught this for the joinery corners. Peter says that he regularly hammers with both hands, switching as he desires. I asked Peter if he was ambidextrous and he replied "no, but all blacksmiths should learn to use the hammer with either hand". He went on to explain if you happen to hurt your normal hammer hand, you can continue to work with the other hand, or if your primary hammer hand gets tired, you have the option of giving it a break. The June 03 Appalachian Blacksmiths Assoc Newsletter front cover has a photo of Peter using both hands (shown below left). Perhaps we need a hammering workshop, maybe Mike Nave will be the instructor! *By Ned Digh*



Bill Gichner - BAM Life Member



Photos of Bill, Andrew & Megan, and the giraffe taken at Repair Days!



Five Foot Tall Giraffe getting repair job!

Andrew MacDonald & Megan Robin-Abbott

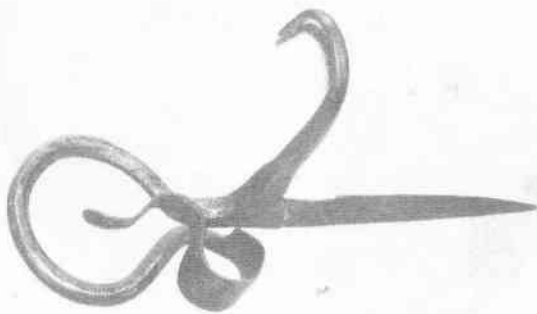
Bob Patrick's Miner's Lamp

A Scholarship Pay Back Demo by Bob Ehrenberger

It uses 3/8" sq. stock and employs a "T" weld. Start with about 2 foot of 3/8" square so you can do most of the work without tongs. First you upset the end to prepare for the scarf. The scarf is done by holding the bar at 45 deg. to the near edge of the anvil. You drive the edge of the scarf into the anvil, kind of like the clip on a horse shoe. This is repeated going the other way to end up with a scarf that looks kind of like a point with Mickey Mouse ears. This is cut off at about 2.5". I go ahead and draw out this piece to a long round taper. Bob drew it out at the end to avoid extra forging if he screwed up the weld (like that happens very often). On the bar that is left the scarf is made about 3" back by centering the bar on a corner of the anvil and driving it in. This gives you a "V" notch on the side of the bar which then tapers into the scarf. Pay attention to where you put this scarf, if you put it on the wrong side it will make it difficult to lay everything down to complete the weld. As a left hander I use the far right corner so when I lay the bar down, the scarf goes to my right.

When welding small pieces Bob suggested moving your anvil up close to the forge to make it easier to keep things lined up and save time from fire to anvil. I use my Smithin' Magician stand with the bottom die out of my treadle hammer, this combo is even with the edge on my forge, letting me use the forge as a work rest. I practice laying the bar down with the small piece on top of it. Once I'm comfortable that I can get the pieces from the fire to the anvil, I start to heat them. At a bright red I take them out and flux them. Keep the two as close as possible in the fire so they come up to welding heat at the same time. The part should be completely covered with coke, if you can see the weld area air can get to it and cause scale to form. Try to take them out just before they start to throw off sparks, or just a few. You can watch for sparks in the flame or remove them to check. The proper temp is the whole trick, if it isn't hot enough, no amount of hammering will weld it, and if it is too hot you can ruin the piece. Practice, Practice, Practice. When taking the pieces out of the forge put the larger one down first and then put the small one in place, let go of the large one pick up the hammer and tap to weld. Drop the tongs, pick up the long piece, flip over and tap the scarf on the back side. Re-flux and put back into the fire. Bring back to welding heat and finish the weld.

This finishes the hard part, the rest is all just forging. Forge the end to a long square taper. Cut off from main bar 5"-5.5" from the weld. Section off a 1" piece over the far edge of the anvil. Draw down the center to about 7" long and round up. Flatten out the end piece, it should have a 2" section 1/2" tall and paper thin, and a 1.5" section 1/4" tall about 1/16" thick. Make a sharp bend in the round section 1/2" from the flat section, and another sharp bend 3/4" from the weld. Form the section between the bends into a loop. Form the flat section into a candle holder over a 3/4" mandrel and the very end into a thumb latch. Now form the long taper into a hook. Make sure everything sets straight and holds a candle straight. *Bob Ehrenberger*



Miner's Lamp
at left

Bob
Ehrenberger
at right



BAM FOCUS ON YOUTH



Matthew Burnett

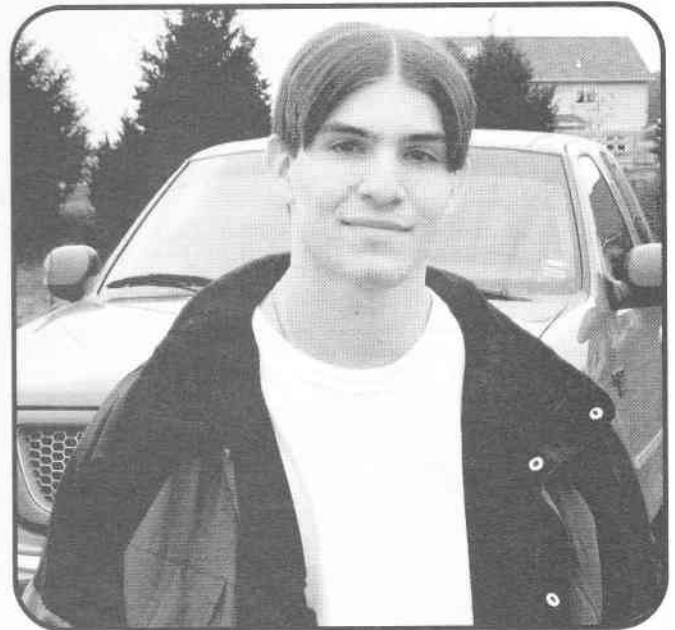


David Werner

Matthew, David, and Gene attended the meeting at John Murray's shop. All three are aspiring blacksmiths and hopefully each of them will be giving a demo at some future meeting. Our members love to see the younger members demo!



Becky Barringhaus in training at Daniel Ehrenberger's range, to be a future member of Charlie's Angels! Did you notice any recoil (kick) Becky?



Gene Englehart

Gift BAM memberships are available for the young person in your life or your Shop!

November 8th Meeting at John Murray's Shop

By Bob Ehrenberger

The air was crisp and cool for the November meeting at John Murray's shop. No doubt now winter is on the way. Things were already under way when Daniel and I arrived. John was in the process of making a mason's hammer. He had a large block of steel heating in a Jerry Hoffmann's gas forge. (Jerry had featured this forge in the Blacksmith Journal a couple months ago, and I'm sure you can get the plans from him if you aren't a subscriber.) The steel John was using was not only large, it was round, so he had to square it up before reducing it to the proper dimensions. This is easy work on his large Nasal hammer. A hack is used to cut it free from the parent bar. With some special tooling John made it look easy to punch and drift the eye on the big hammer. He then upset the face, making sure to cool the eye first, so as not to distort it. Using a gang saw, he cut the checker pattern into the face. After lunch John did the heat treating on it, but I missed this.

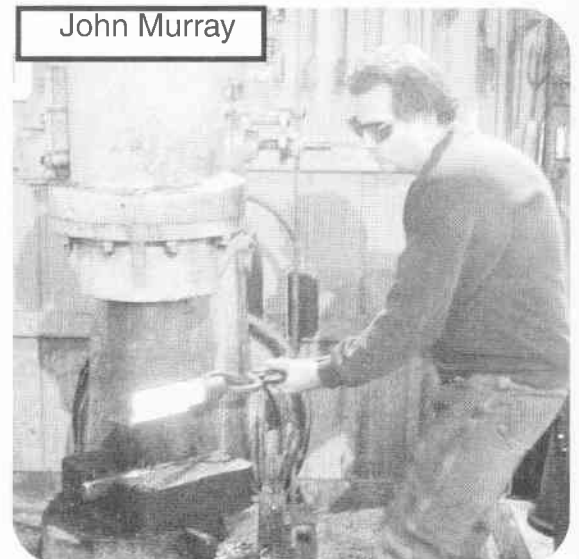
Pat McCarty took over when John was done forging the hammer. By now the small LP tank the gas forge was using had gone dry and they switched over to the coal forge. Pat's demo was on how to make a coat hook out of a railroad spike. Pat stressed trying to get a low carbon RR spike, since this will be easier to forge. After forging the end down to a point, he sectioned off a piece to make a leaf. At this point he deviated from the normal leaf by leaving it a little thick in the middle, so he could give it a raised center vein. Pat has a special veining tool to start the relief of the vein. He then uses a butcher to really bring the vein out, and finishes with a small flatter to remove the butcher marks. The leaf is further decorated by using a curved chisel to cut away part of the leaf and give it a fleur-de-lis look. Pat said that he learned how to make this leaf by watching Tom Latane and it has been a good seller for him. Oh yeah he made a hook out of the head of the spike, being careful not to screw up all the work that went into the leaf.

John went all out for lunch having a whole hog roasted, and a keg of some special dark brew. As usual, there were several members selling off of their tail gates, and Tom Clark had his trailer filled with his new line of blacksmith tools. The trade item was well represented. I wish that I had had time to make one, as there were some very creative pieces. The iron in the hat was given a big boost by Peggy's desire to make room in her shop to actually be able to use it some day, thanks for all the donations. *Bob Ehrenberger*

The Hog for Lunch



John Murray



BAM WORKSHOPS

TREADLE HAMMER

The first workshop was held at Lou Mueller's shop on December 13th. 28 Members were present. **Next workshop will be January 24th at Lou's old shop location, same place as the Dec 13th workshop.** Thanks from Bruce Herzog to those who participated in the TR Workshop, as coordinator, he was pleased with the team work and results. Any questions, contact Bruce Herzog: 314-892-4690 or bjherzog@msn.com

GAS FORGE

Late Breaking News from Larry Hults, the gas forge workshop coordinator. Larry says the time schedule has been delayed a bit, but the project is on track for completion. He reports that he will have a working forge at the January 17th meeting and those who have indicated an interest will be contacted directly as to future meeting to construct their forges. Contact Larry if you have questions at 636-629-7411 or lkhults@yhti.net

MOBILE TRAINING STATION (MTS) Starting Time: 9AM

Under the direction of Lou Mueller, assisted by Don Birdsall, plans are in a full steam ahead mode for the Mobile Training Station (MTS). Lou held a meeting on November 22nd at Joe Wilkinson's shop for trainers and coaches. The objectives were to discuss revision of the BAM basic training manual and standardize teaching objectives. Classes (basic) are scheduled at Lou Mueller's shop on February 7th and 21st. The coordinator is Don Birdsall, pre-registration arrangements and fee payment should be made directly with Don. **Note: The MTS classes will be at Lou Mueller's new shop location:** (quick reference from old shop location: go South on I 270, Right (West) on Hwy 30, turn Right (North) at first stoplight and go to the 5th building).

Questions/Registration/Payment of Fees: Don Birdsall, 6270 Antire Road, High Ridge, MO 63049
Phone: 636-677-5398 email: djbirdsall@networkusa.net **See Map on page 30.**

2004 - THE YEAR OF OPPORTUNITY FOR WORKSHOPS

Both the workshops for Treadle Hammers and Gas Forges should be completed in January and February of 2004, then where do we go! BAM has a reputation for action and with the completion of those efforts, we have no workshops scheduled. The MTS should be in operation so lots of members will be involved in assisting as the training trailer moves about the state. We will be forecasting several more workshops in the near future. We need some regional workshops for novice members. Many of our lesser experienced members have needs for tools, ie: tongs, hardies, bending forks, scrolling jigs, chisels, etc. If you need a demonstrator, BAM has funds to assist, just submit your plans to the President and get prior approval. Think big and invite a lot of members or think small and host an area workshop for 9 or 10 people.

Letter to the Editor from Lou Degginger: It would be good to have a list of book titles published that would be helpful to those with beginning or moderate skill levels.

Ed: Great idea Lou. (See page 27 for additional comments from Lou)

Here is one : "The Complete Modern Blacksmith" by Alexander G, Weygers (Instructional)
A second one for reading pleasure: "Catching the Fire, Phillip Simmons, Blacksmith) by Mary Lyons
Book Reviews are also welcome and will be published if sent to the editor.

BAM Outreach Program

Maurice and Bess Ellis attended the Florida Conference. According to Bess, it should have been called the Florida Rain Conference, as it rained all day, for extended periods of time. They went on to Disneyworld and had better weather there. BAM Life Member Clay Spencer was a demonstrator at the Florida Conference.

Ned and Esther Digh swung by Mountain View, AR on the way to Memphis for Repair Days and spent some time with Scott Riedy, Resident Blacksmith. Bill Epps was scheduled to be at Mountain View the following weekend for Hammerfest 03, unfortunately that conflicted with Repair Days. Esther promised Scott Riedy that his photo would be published in the newsletter if he would promise to join BAM. Scott has had instruction from BAM Life Member Bob Patrick and was aglow when asked "do you know Bob Patrick". Scott mentioned that he would like to attend some blacksmith classes to further his skills, this enhanced the BAM recruiting pitch, as he learned about BAM scholarships.

We have had a number of scholarship winners in classes recently and their articles will be published, usually one per newsletter issue. This newsletter has a report by Bob Ehrenberger on his attendance at a Forge Welding Class taught by Bob Patrick. For the January - February issue, a report by Japeth Howard on his attendance at an engraving class at the Metals Museum. After that, we have reports on tap from Doug Hendrickson, Don Nichols, & Dave Williams.

Bob Alexander was awarded a Certificate of Appreciation by the Rockwood School District in Eureka, MO for his participation in Missouri History Day at Babler State Park. The citation read "through the efforts of dedicated professionals like you, our students have benefited from unique learning experiences that reinforce classroom studies, by introducing real world expertise and timely information that makes learning come alive". Bob does about 15 school demonstrations each year. Thanks Bob for representing BAM and the blacksmith craft.!

Life Member Bill Gichner recently received the Askins Award, presented by the Preservation Trades Network (PTN). The purpose of PTN is to promote the networking between many individuals of many different trades of different countries. Bill Gichner was chosen for the 2003 award.

If you haven't been to one of the annual Repair Days (weekend) at the Metals Museum in Memphis, you have missed a treat and an opportunity for work, fellowship, and fun. See related article and photos of Repair Days.

Walt Hull recently participated in the Lawrence, Kansas, Annual Art Exhibition. This is a juried show and only a limited number of works by local and regional artists are accepted. Walt created a piece "Woman With Sword", which was accepted and purchased by a buyer of good taste in art. See photo and description of the piece elsewhere in the newsletter.

Bob Ehrenberger is featured on the front page of the current Missouri Arts Council Catalog. Efforts are being made to get a printable copy of that before the BAM Newsletter goes to press. Bob and Jan participate in about 17 craft shows per year, many back to back. They recently set up shop at Mexico, MO for Back In Time Days. Scott Stager was also there and has sent several photos of Bob at work.

Pat McCarty operated the blacksmith shop at Silver Dollar City for a month and more recently demonstrated at Deutch Days in Marthasville, MO. To be sure, Lou Mueller was busy with Octoberfest in the St. Louis area. Lou could probably be called Mr. Octoberfest, his dedication to that festival is unparalleled!

No doubt there are other outreach activities that have not come to the editors desk, so please send information about anything you do to promote and educate people about the blacksmith craft.. Perhaps one of the greatest opportunities is for members to demonstrate for local schools, as is being done by Bob Alexander. The future of BAM will depend on the little folks of today.

2003 Repair Days at the Metals Museum in Memphis, TN *by Ned Digh*

It would be an understatement to call the weekend a blast, but it was a blast and a most enjoyable event. Approximately 80 metalsmiths were there busy repairing items brought in by residents of the regional area. In addition, another 96 people were present taking care of administrative and logistical details ranging from keeping records, manning the museum, running errands, operating the gift shop, and cooking. Metal smiths were present from 18 states, along with students from several college and universities that teach metalsmith programs.

Peter Ross, Master of the Blacksmith Shop at Williamsburg was the featured artist. He gave a short talk on Metalsmithing which was a combination of history, shop techniques, and inspiration. At all other times, Peter was in work clothes, assisting with the repairs as needed. The topic of locks came up and Peter explained that in his shop the key is made first and each piece of the lock is made as a multiple dimension of the key or keyhole.

The following BAM members were in attendance this year: Life Member Bill Gichner, Doug and Bonnie Hendrickson, Walt Hull, John Medwedeff, Andrew MacDonald, Megan Robin-Abbott, and Ned and Esther Digh. Some other folks were there from Missouri and all were invited to join BAM. In addition to Bill Gichner, some other blacksmiths of national reputation were also present; Mack Beal, Peter Hapny, Gene Bereza, Jeffrey Funk, Al Walradt, and perhaps others of equal distinction in the craft. Other BAM members may have been present, but I missed getting them identified and some members did not attend Repair Days, but sent pieces for the auction.

The auction brought in almost \$30,000 in revenue for support of the museum. BAM was well represented by some of our artist members donating impressive pieces to the auction, all of which sold well in the auction. BAM members contributing were: Doug Hendrickson, Walt Hull, Andrew MacDonald, Megan Robin-Abbott, Rick Smith, John Medwedeff, Steve Yusko, and Alice James (if Japeth Howard had a piece there, I missed seeing it).

Some other craft persons that were involved and are potential BAM members: Stacy Tweeten (silversmith and friend of the Lou Mueller family) of Springfield, MO; Betsy Williford (6th generation silversmith) of Memphis, TN. Penland School of Crafts was represented by several staff members including: Chris Winterstein, metals studio director, and Julie Ward, education coordinator. As always, interesting people are asked for articles to publish in the BAM newsletter. Judy Davis, Education and Outreach Director of the Metals Museum agreed to that request as did Carol Drake, Owner of ICONCONSERVATION, specializing in preservation of the crafts and culture. Look for those articles in the next few months.

Perhaps the most striking aspect of Repair Days was not only that anything metal could be repaired from a watch to a park bench, and as mentioned in "EstherSpeak", a five foot metal Giraffe, but also the friendliness and warm atmosphere of the occasion. Meals were served for participants and there was always folks manning the huge cast iron pots where the stew was cooking. The campus overlooks the Mississippi River and boats and barges passing provided picturesque scenery. In the evenings, several campfires were going on the bank overlooking the river. One day is designated as Family Days and a number of events are set up on the lawn for the kids that attend.

As a novice blacksmith, perhaps the most exciting part of this experience was not only to observe several very talented BAM members participate in this event, but to have conversations about blacksmithing with craftpersons of significant expertise, that I would not have met other wise. It is not everyday that one can pull up a chair and chat with Bill Gichner, or talk to Mack Beal, or Peter Hapny about blacksmithing and many from the other metal crafts of silver, casting, and design. As Linda Rateri, Museum Librarian/PR person says "Come to Repair Days and make it a habit"!

Christmas/Holiday Items that you can make:

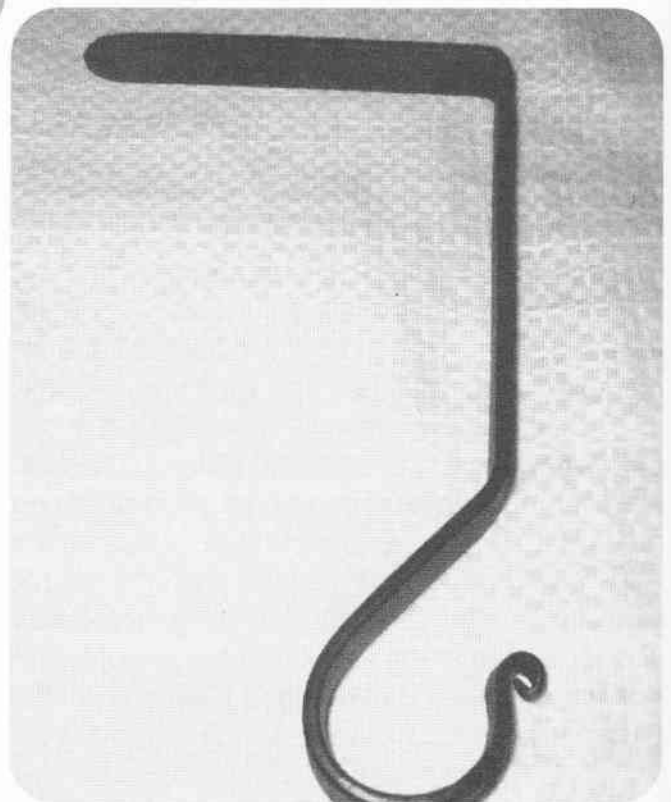
Submitted by : Bob Alexander



Chamber Lamp

**See directions to
make these items
on the next two
pages**

**Mantle
Stocking
Hanger**



Instructions for the Chamber Lamp

PART A: Cut a 3" diameter disc, sand edges smooth, then heat and forge into a depression forming a bowl shape 1/2 " in depth. Mark center and drill a 3/16" hole.

PART B: Cut sheet metal to shape and file smooth if necessary, heat and form into a cylinder shape, folding tab over to close the bottom up. Use of a W mandrel and swage makes this a simple job. Drill 3/16" hole in the bottom tab.

PART C: Take a piece of 1/8"x 1/2"x 5" long heat and forge or grind the corners off of one end. Take the other and forge flat using a rounding hammer until a large teardrop shape is formed. From the small end measure back 1 & 1/2" and bend a 90 deg. angle. Forge the remaining into a semi-circle. Drill a 3/16" hole in the center of the smaller end.

D: ASSEMBLY: Assemble parts with disc on the bottom bowl upside down with the handle next and the candleholder on top. Using a 3/16" 1/2" rivet, rivet them together. NOTES: take a piece 1/4 " rod x about 10" long and drill a dimple the shape of the rivet head in one end. This makes a tool for both forming the candle holder and getting inside to aid in riveting. When assembling the lamp I align the seam in the candleholder to the handle side. These are great for decorating for different holidays by either using colored candles or colored ribbons.

Parts for Steps A & B

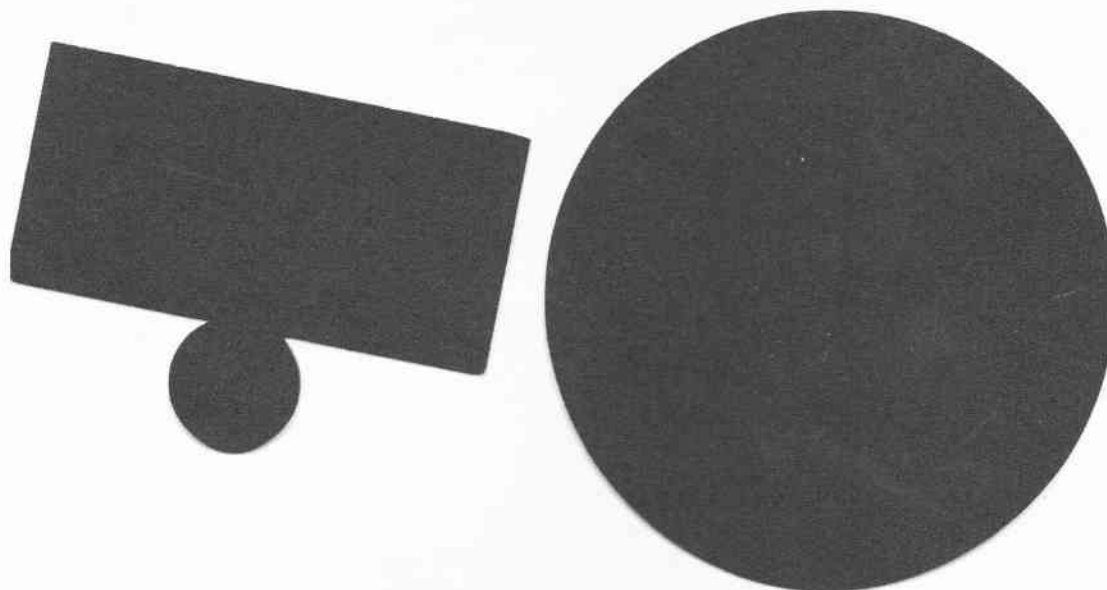


Fig 1
Part C

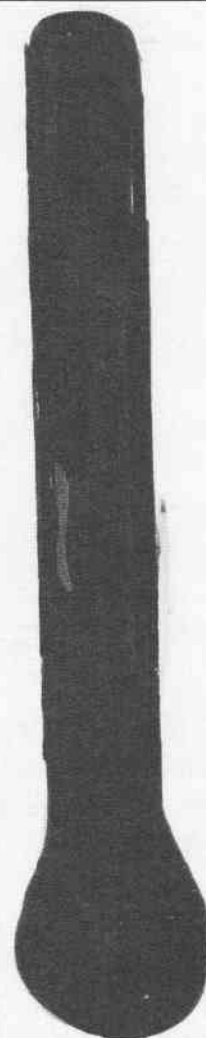
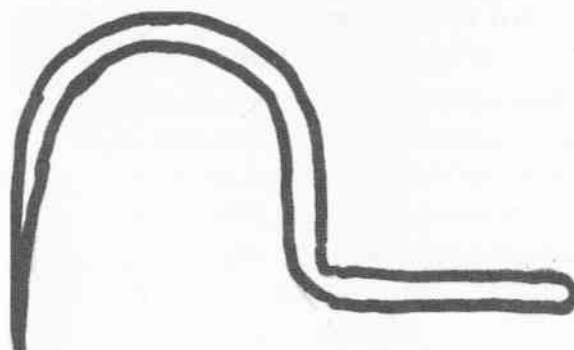


Fig 2
Part C



Submitted by:
Bob
Alexander

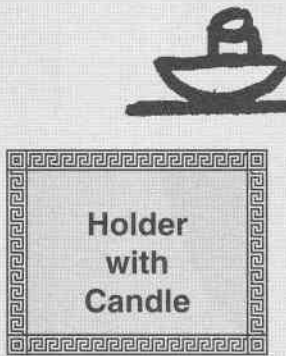
Instructions - Mantle Stocking Holder (and with option: With Candle)

Submitted by: Bob Alexander

Material 1/8"x1/2"x12"

Forge or grind the corners round of one end of the bar.
Forge the other to a flat point, scroll and bend the bar to shape as shown in the side profile drawing.
This seems to fit most mantles but dimensions could be altered to fit others.

For something different combine some parts used in making a chamber lamp with this hanger for a candle holder stocking hanger.



Another Holiday Item from Neal Poort

I give out hoof picks to my customers that I make out of used horseshoes. I draw out the cut end to a flat screwdriver shape and make it into an S hook and then punch a 3/8" hole to hang it up by. A customer of mine welds a circle of old horseshoes into a wreath and then paints them silver or gold. His wife then glues on an assortment of decorations and garland then wraps it with Christmas lights.

Preserving Metal for Outside Use

By Don Birdsall

I was taught this about 40 years ago at a meat packing plant that I was working at. The conditions are some of the worst for corrosion that any one can imagine, about 100 percent humidity at all times and in the meat lockers where a salt water brine is used for cooling, it is even worse. The product used is Navel Jelly. It can be brought at all hardware stores. There are two types. The pink is what I use, but the new type is black and I haven't tried it to see if it works.

The most important part in using this to preserve metal before painting is to have the metal clean, no mill scale, no oil, any loose rust should be removed. The directions on the container of Navel Jelly says that rust must be present for this to work, but it will work and I found it works better if all rust is removed, but that is not always possible in our line of work.

As an example the first time I tried this I took a heavy rusted piece of channel iron, removed the rust and coated it with Navel Jelly and put the piece on top of the steel rack outside, it laid there until 2 years ago when I needed it to finish a project. It had not rust any more in that time. I also took a new piece and removed the mill scale by sand blasting and did the same, it did not rust either.

If the piece has been forged, it should be ok. If you welded on the piece it is extremely important to make sure all slag and flux has been removed; if not this is where corrosion will take place starting almost immediately. Sand or sand blast to remove all oil and dirt. Do not touch the metal with your bare hands or the oil from your hands will contaminate the surface. I wear a clean pair of cotton gloves from this point on till I am finished.

Take the Navel Jelly and pour a small amount in a clean container and with a clean brush coat all surfaces to be painted with the Navel Jelly. If you are doing a piece of pipe, use a small wash tub, to catch the Navel Jelly and pour it down the inside of the pipe, rolling the pipe as it goes down the inside until all surfaces are covered. Coat the outside. Hang the pieces outside in the sun light to dry if I can, if not use heat lamps to dry them. When dry if you do have any runs remove and recoat those areas, with some practice you will be able to put just enough on so you don't have runs but it does take some skill.

A good automotive primer is what I use to prime the metal, making sure it is dry before painting. Now don't get cheap and cut corners now, buy a good automotive paint to paint your piece. Please don't use the cheap spray cans of paint. This paint job should last many years.

Some tips: If using pipe for posts outside do not weld or cap the bottom end. When sinking the pipe in the ground make sure the end extends a least 3 inches into the soil below the concrete this lets water from condensation or wherever drain out. When finishing the concrete at ground level mound the concrete up around the pipe so water will run off and not lay against the pipe.

New England School of Metalwork Winter Workshops 2004

January 9-12 Beginners Blacksmithing
February 6-9 Botanical Forms
March 12-15 Tool Forging for the Smith

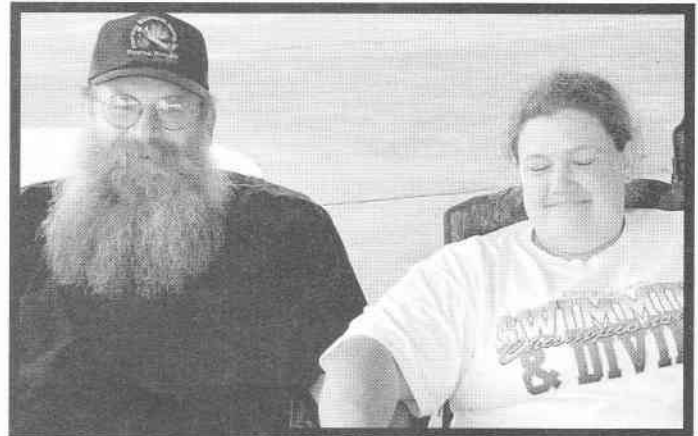
January 23-25 To Sink or to Raise; Vessels
February 27-29 Basic Repousse'
April 9-12 Basic Architectural Ironwork

Phone: 1-888-753-7502 or www.newenglandschoolofmetalwork.com

Direct inquiries to dglaser@newenglandschoolofmetalwork.com

2003 WAS A VERY GOOD YEAR !

There was at least three BAM weddings: Photo at left: Chris & Jennifer Townsend (the hammers were wedding gifts). Photo on the right: Richard and Liz Reipe (at the meeting at Bonner Springs as part of the extended honeymoon).

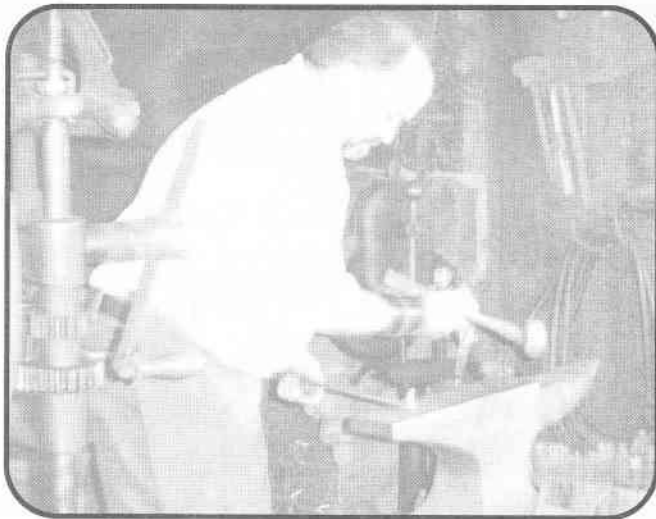


According to a reliable source: BAM long time former editor and life member Jim McCarty was married in early December. Maybe Jim will send a photo of the bride for the next issue and hopefully bring her to the BAM meetings.

Potential BAM Members

Scott Reidy, Resident Blacksmith at Mountain View, AR

Stacy Tweenten, Silversmith, Springfield, MO, friend of the Mueller family!



**BAM Members
with talent
for
other
activities!
Reenactors, they are!**



EstherSpeak *By Esther Digh*

Well, I have done it again. Every year around this time I get really ambitious and decide to make lots of Christmas items. Some of the items are given as gifts and others are used as decorations in the house. For the past couple of months I have been accumulating the supplies for my Christmas projects and making progress on a couple of them. However, today (December 2nd) I realized I will not get everything done in time. The pieced antique looking table cloth I had been working on has just been downsized to a table runner. Maybe that will take some of the pressure off.

I would probably have been in a better position to get my Christmas projects done had we been home the last couple of months. The neighbors would readily agree that our theme song is Willie Nelson's "On the Road Again". We had a wonderful time at the Ornamental Metals Museum in Memphis during Repair Days in October. It was really interesting to watch the various craftsmen repair the items brought in. I was fascinated with the repair of the five foot tall copper giraffe. The museum uses lots of volunteers during repair days in addition to the craftsmen, and we have already been told by one staffer that they will put us to work next year. I think I will volunteer to stir the big pot of stew cooked over the open fire.

We also visited our daughter who just moved to Colorado Springs. She wanted us to see her new house as well as act as her personal moving company. We successfully delivered one closet full of boxes and two chests. Since I want her to have the family pieces of furniture now, instead of later, I can foresee some more trips like this one. Ned doesn't really enjoy this moving business but figures it is the only way it will get from our house to hers. At least it will be her problem to move the next time.

Our oldest grandson, Chris, a BAM member, was married on November 15th in Alabama to a really sweet girl. Jenn is the kind of girl you love having as a granddaughter. Also, our other three grandsons and one granddaughter were present and part of the festivities. It was an emotional time for us since Chris has lived with us for long periods of time during his growing up years, and we almost think of him as ours. As this mature young man stood before us, I couldn't help but remembering many of his childhood antics. Chris was a climber. One day I walked in to the kitchen and he was sitting on top of the refrigerator. We enclosed the back yard and he was over the chain link fence an hour after it was done. Then there was this multi-story tree house he built in the yard with the help of his cousin. Eventually, the tree died, probably the result of poisoning from the many nails hammered into the trunk. I sit back and smile when I remember our many "adventures" with Chris. As I say, "What goes around, comes around". One day it will be his turn to deal with those adventures as we did with him.

In closing, I wish each of you a wonderful holiday season. May you have warm and wonderful times with your family members that will leave pleasant memories. My best to you and yours for the new year.

PS. It sounds as if the spouses will have a room of their own to congregate and visit in during the January meeting. See you then, Esther.

Metal Museum Receives \$50,000 Gift from Birmingham Foundry

Lawler Machine and Foundry has provided a \$50,000 gift and foundry equipment to the National Ornamental Metal Museum in Memphis, TN. A new foundry is under construction at NOMA.

Coal for your forge --- Coal Captain: Bob Maes : Locations

Bob Alexander, Desoto, MO	(636) 586-6938	Doug Hendrickson, Lesterville, MO	(573) 637-2576
Ken Jansen, Moscow Mills, MO	(636) 366-4353	Jeff Willard, Willard, MO	(417) 742-4569
Doug Clemons, Malta Bend, MO	(660) 595-2257	Keith Barrick, Cuba, MO	(573) 885-3799
Jerry Rehagen, Rich Fountain, MO	(573) 744-5454		

Trainer Meeting at Joe Wilkinson's shop Nov 22nd



Volunteers in gift shop at Metals Museum: Jane Bernard (US Navy Vet) on left and Jane Twaddell on right. They are keepers of the kingdom: good stuff that is for sale! Good folks to know when you go to repair days.



Metal Sculptures in Lafayette, IN



Farm machine parts

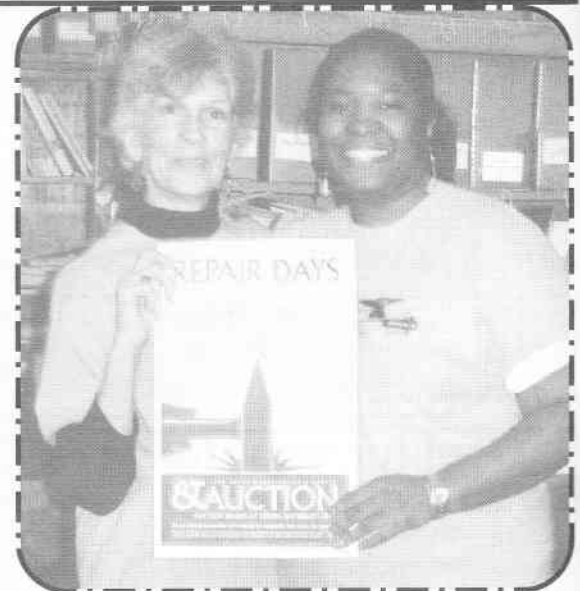
Sculpture by John Medwedeff overlooking Mississippi River in Memphis. John had another loaded on his trailer, headed for Fairhope, Alabama. John has expanded his shop and promises to host a BAM meeting in 2004.



Metal Museum Staff Members You Sould Know! Linda Raiteri, Director of Library and PR, on Left Judy Davis, Director of Education, on right.

Linda wants more BAM members to come to Repair Days.

Judy will write an article for the BAM newsletter on educational opportunities at the Metals Museum, especially for scholarship winners!



This is our last issue for year 2003 and what a year of activity it has been for BAM. It is difficult to list all the events and activities, surely some will be overlooked. BAM had the normally scheduled 6 meetings, all scheduled and coordinated by the tireless Kirk Sullens. Kirk is in his third year of doing the scheduling duties and coordinating the demonstrators. That is real dedication and persistence. Thanks Kirk.

In addition to the bi-monthly meeting, BAM had a number of other activities, which would make any blacksmith organization beam with pride. The BAM annual conference at Warrenton was a winner. The committee did a first class job for that event and they even volunteered to do it again for the 2004 conference.

Several beginner workshops were conducted, one at the annual conference and others at Lou Mueller's shop in Fenton. These classes are preliminary to setting up the Mobile Training Station (MTS) and moving it around the state to member shops for the purpose of teaching blacksmithing skills. The classes this year have served as a good teaching vehicle for a number of students, but have greased the skids for revising the training manual, standardized teaching objectives, and given an indication of the number of members that are willing to help support this effort.

Doug Hendrickson and Lou Mueller arranged, at their own expense, to retain Clay Spencer for a workshop this year, held at Lou Mueller's shop. Under Clay's direction, the participants made two tables that will be auctioned/raffled at the 2004 conference. Clay Spencer is no stranger to BAM, in fact he is a Life Member, but he was surprised and full of praise at the way the students jumped in and went to work.

BAM is fortunate to have talented members who teach and demonstrate at other blacksmith conferences. Clay Spencer demonstrates all over the country, Lou Mueller has done likewise in the past. Currently, Doug Hendrickson has taught at both John C. Campbell Folk School and Penland School of Crafts. Bob Alexander also teaches at John C. Campbell. Kirk Sullens and Clay Spencer demonstrated this year at the UMRBC in Pontiac, IL. Lou Mueller also runs Octoberfest in St. Louis.

Elsewhere in the newsletter you will find the Tribute to Bruce Herzog, another dedicated BAM member who has served as Treasurer (officially) and a host of other auxiliary duties that sort of fall his way, either because no one else will do them or because Bruce really cares about the future of BAM and he wants things done correctly and timely.

Joe Wilkinson is in his third year as President and general trouble shooter. Joe has led the organization well and seems to have a knack for putting out fires when strong personalities appear to be on a collision course. BAM has been fortunate to have his leadership, his leadership style has been a viable asset and BAM is a better and stronger organization because of Joe Wilkinson.

BAM has another irreplaceable asset and that is the willingness of Lou Mueller to let BAM use his industrial facility for workshops and teaching sessions. Lou has a passion for teaching blacksmithing skills and goes the extra mile to support activities.

Continued on the next page

A number of other activities and member efforts were also part of BAM's activities in 2003. The State Fair BAM demo tent, under the direction of (our BAM Angel) Peggy Williamson was successful and a bunch of fun. For seven years, Peggy has been the prime mover in the BAM State Fair effort and hopefully she will continue for many more years.

Perhaps one of the BAM activities the members tend to take for granted is the BAM Boutique. At the 2003 BAM Conference, it again performed superbly and provides significant financial support to BAM activities. Ruth Hull compiled the history of the BAM Boutique and it was published in the July-August 2003 Newsletter. The boutique is a valuable asset and to have its history recorded is a credit to the ongoing BAM legacy. We need more articles for the History Corner of the Newsletter, about the trail of BAM in becoming one of the premier blacksmith organizations of the country.

Several members have sent photos of different BAM functions. Those are of immeasurable assistance in preparing the newsletter. Bob Stormer always sends a CD disk to the editor of each meeting, some with 90 or 100 photos on them. Thanks Bob, the quality of your photos are always super and your efforts are appreciated.

A message from the editor:

Apparently there is an expectation, I am told, that the editor should write an article about each meeting or appoint someone to do so. I appreciate this topic being brought into focus and it provides an opportunity to establish some parameters of the editorship duties. Perhaps the editor title should be changed to publisher and the publisher consolidates and gets the member input to the printer.

As the current editor, this is the mission of the newsletter, as I see it. The BAM organization is really a blacksmith community. The newsletter should encompass the entire community. Spouses and young people need to feel a part of BAM and get excited about coming to meetings. When the now young people are grown, hopefully they will be blacksmiths, but also they should have fond memories of attending blacksmith meetings and working in your blacksmith shop. Having said all that, let me say and I hope not too bluntly "If the host of a BAM meeting wants a detailed account of the the meeting and the demonstrations, then write it or get someone else to write it and send it to me".

If I am present at the meeting, I will likely publish something general about the meeting and maybe the host and take some photos, but not a detailed account of the demonstrations. That is my time to get to know the members, get feedback on the newsletter, and just enjoy being a BAM member. No doubt some members will disagree with this mode of operation, but I would remind them to not get overly picky, as this job only pays about three cents per hour at the computer, not including travel time!

With that heartburn out of the way, let's move into 2004 with a vengeance and make it the "Year of the BAM Blacksmith", and remember, you write it and I will publish it!

Two quotes from Clay Spencer:

1. The shortest thing a blacksmith has is memory (emphasis; measuring & written plans).
2. Blacksmiths will never be remembered by the things they did not make (emphasis: go for it).

Aw Shucks and Rising Water, But Mama Knew Best!

Airstream trailers are those Aluminum ones that look like an upside down canoe. They don't float, but Esther and I were near experimenting with that fact recently. In Western North Carolina, we were awakened before daylight and told to hook up and move to higher ground as the main bridge to the RV park was already out and with the additional rain expected, the bridge to the small island we were camped on would be covered shortly. In my sleepy stupor, I asked "aw shucks, how am I going to get to the highway so we can leave for Missouri today?"

The RV park manager had little patience for my wonderment and said "aw schucks, my ***, you better get this **** trailer moved to higher ground or you are going to see if it will float soon". While it wasn't fun to hook up and move by flashlight and continued rain all ended well. The main bridge was not out, but covered by debris and cleared in a couple of hours. I grew up in this area, that creek was a favorite swimming hole. My Mama would never let me go swimming in that creek when it was raining and I thought her explanation that it could be dangerous was somewhat illogical. Mama grew up in one of those mountain hollers and she knew from experience the danger of a flash flood when water comes down from the mountains. Mama knew best and until her passing at age 92, the strongest expression her sons dared used in her presence was AW SCHUCKS!

CHRISTMAS HOLIDAY ITEMS AND THE EDITOR BECAME A PEST!

In the last issue, I wrote that I had asked perhaps as many as 50 members to submit items that I could publish and other members could make. The majority of the members I asked gave an answer that they don't do Christmas or holiday items. I would then attempt to convince them that they could and I would publish it. One good blacksmith friend said "I enjoy your company, but you are becoming a pest over this Christmas thing". I offered him a truce, if he would agree to submit something for next Christmas, so he has a whole year to think about it and send me the plans!

Don't think that only BAM members were asked to send a plan or photo of an item that could be published, I asked almost every blacksmith I met, including Peter Ross. Peter declined, but he was willing to converse with me about blacksmithing and answer my questions about his Williamsburg blacksmith shop. Peter truly is a Master Blacksmith and a real gentleman.

GRAY PATINA OF STEEL

(Virgil Vined, June 1994 ABANA Pub, Reprinted June 2003, Appalachian Blacksmith Assoc Pub)

If you want to make something new out of carbon steel and wish it to have that older look of dark gray metal, here is a cheap, easy way to accomplish such a finish.

First, brew a pot of strong tea. (Virgil recommends Lipton)

After you have completed forging your workpiece, clean it completely of all slag and oxide. Grind, file, sand, or otherwise clean the metal until it is shiny. Then drop the piece into the tea brew and leave overnight.

The next day, remove the piece from the tea and rub off all black sludge with rags or paper towels. Under the black will be a nice gray patina of old steel.

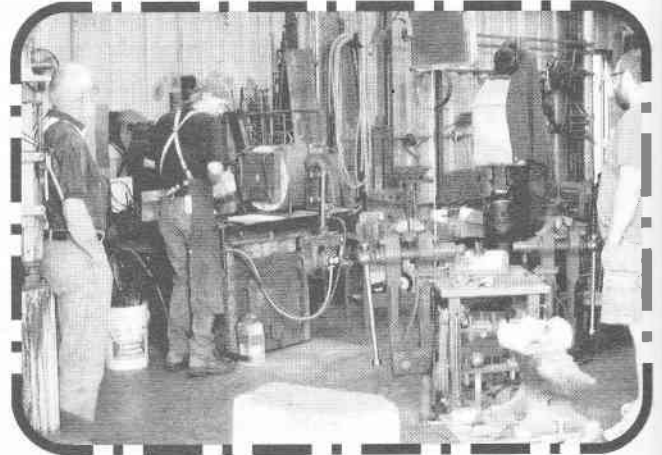
Our Christmas/Holiday Items You Can Make - Was Noticed

The Appalachian Blacksmith Association December 2003 Newsletter reproduced two pages from the BAM Sep-Oct Newsletter. One was an entry by Dave Edwards, which was the bow featured on the front cover of the Sep-Oct BAM newsletter, with directions on page 13. The second was the Christmas Tree Bell on page 15, copied by the BAM editor from a previous North Texas Blacksmith Assoc Newsletter. Thanks to those who sent in items for this effort. Start early for next year, let's be noticed and copied again, with more members getting involved!

Some 2003 Reflections



MTS at Lou's Place



A Day at Asbee's

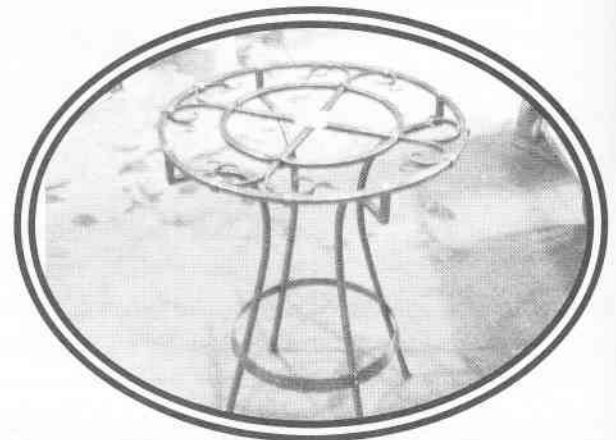


Three Wise Men - They watch & listen!

John Murray's
Windmill



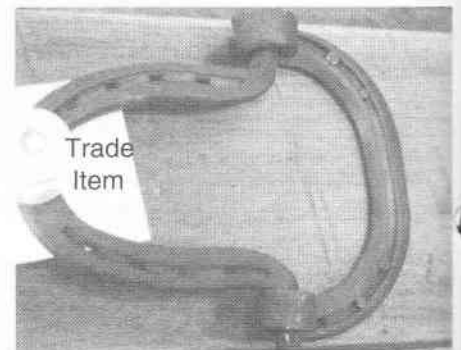
November -December 2003



C Spencer Table - 1 for auction and 1 for raffle at 2004 conference.



BAM
Muppets



Letter to BAM Members from Don Grammond
"Everyone knows something- no one knows everything". John Adolph

While attending the November BAM meeting at John Murray's, I submitted an article to the newsletter. In the course of the conversation I was quite surprised to learn that of our group of over 500 members strong, article and photo contributions to the newsletter have been very few. Personally, this is the first time in over a year that I have submitted anything. I just got discouraged because nothing that I sent ever made the newsletter. I realize I cannot draw worth a hoot and my spelling is poor, but there must have been some useful information in there somewhere.

Actually the article that I handed to Ned was submitted some 2 1/2 years ago but I still feel that it will be of interest to those who want to build their own gas forge. The newsletter is such a valuable resource to us all for exchanging ideas and keeping members informed and connected as most of us cannot travel to all of the meetings.

While I was attending a conference in Western Canada (CANIRON I), the demonstrator, a very accomplished smith, was making tongs from 1.5 inch round stock with just a hand hammer. At some point in his demo someone in the on lookers made a suggestion on the making of the tongs. The demonstrator tried the suggestion and liked it. He then made a statement that has always stuck with me, "Everyone knows something-no one knows everything." This was his way of saying that we can all learn from each other by sharing ideas.

Just because a person is just starting to forge doesn't mean that they do not have something to contribute to the newsletter. Blacksmithing covers such a large area of trades and skills and as a group we have a vast pool of information and ideas to be shared. Also, at the November meeting, Don Nichols pointed out the fact that for such a large turn out, there were not that many trade items. (It was a large turn out; we ate the whole hog.) The trade item is a way of exchanging ideas as each person had used a different design for a bottle stopper. Like Don said, "Don't worry about having the fanciest trade item, just make one and participate."

This also holds true for the auction items at the Spring conference. Yes, it is nice to see your piece sell for big bucks and it is real good for the bank account, but the smaller items add up too. More importantly, it gives people who can't spend the big bucks a chance to take something home.

Who am I? I am the quiet person in the crowd. I probably could not demo in front of a group if I had to, but I do have ideas to share. Am I alone here? I don't think so! Let's send the newsletter editor some stuff to work with. Keep a notebook handy as you work and jot down ideas, short cuts that come to you every so often. Rip out the page and send it to Ned. Hey, maybe we could get a "Tips" column going. **Don Grammond, The Rusty Recluse**

Ed: Don's forge plans will be published in the next issue.

A note from Lou Degginger, also suggesting shop notes and tips: At the meeting Saturday, I picked up a copy of an old newsletter, March - April 1996. It has "Shop Notes" which was most informative to a novice like me, but I would think could be of value to any member who is looking for tips or to jog their memory on some forgotten piece of information. This article discussed finishes, how to mix and apply, we need more of this type information. **Ed: Members send tips/shop notes**

Want Ads - Changes are afoot! Ads require renewal! Permanent ads are usually ignored, so come alive with some creative thinking!

Ed Note: Oct - Nov newsletter was the last issue with the permanent ads. Ads will be published for 2 issues, then require renewal or they will be deleted. OK to renew by email.

Buy, Sell, & Trade
Ads: free to BAM members Editor may edit length. Send changes to:
bameditor@ktis.net
Ads must be renewed after 2 issues - email OK

For Sale: Jet Mill/Drill
Model # JMO18
Stock # 350018
On Stand - 36" Tall
Like New - \$4500
Peggy or Mike Williamson
(870) 445-2564
sabforge@bullshoals.net
Exp 02/04

(660) 332-7354



Guy McConnell
Knife Maker
"Fine Damascus Knives"

22997 Fox Road LaPlata, MO
knifeman@missvalley.com

Kayne and Son Custom Hardware, 100 Daniel Ridge Road, Candler, NC 28715. (828) 667-8868 fax (828) 665-8303, email: Sales@kayneandson.com, website: www.kayneandson.com. Offering Peddinghaus 2 horn anvils, Offcenter tongs and swages, etc, hammers, tongs, Forgemaster gas forges, and Fly Presses. We ship and accept Visa and Mastercard. Exp 12/03

Persimmon Forge

Ornamental Ironwork
Emphasizing Traditional Techniques
David Edwards
Blacksmith
(620) 343-1947 3008 Hacienda Court
diedwards@cablone.net Emporia, KS 66801-583



Butcher creek forge
Ornamental
Ironwork

Ken Jansen 2257 Carter Rd
(636)366-4353 Moscow Mills, Mo 63362


Ray Chaffin has a computer operated plasma cutting system that can cut anything out of metal. Mail, call or e-mail your design for a price quote. Also hardwood blocks 2-2 1/2" x 12-14" are \$5 each in curly maple, straight maple, English walnut, birch laminated in brown and white and blue and white. Ray Chaffin, (660) 438-6720 or Ray's Welding, RR 3, Box 279, Warsaw, MO Rayzwelding@aol.com Exp 02/04



Larry Hults
41 Quail Ridge Drive
St. Clair, MO 63077-1639

home #: 636-629-7411
mobile #: 314-249-3383

e-mail: lhults@yhti.net



JOHN MEDWEDEFF

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Custom-built air hammers. 6-pound table top model \$1,400; 20-pound table top model \$1,900; 20-pound floor model \$2,300; 40-pound floor model \$2,800. Some modifications to the basic hammers can be made to your specifications. Also custom metal spinning in copper, brass, pewter, and steel. Contact Maurice L. Ellis, RR 1, Box 1442, Belgrade, MO 63622-9709. Phone: (573) 766-5346. E-mail: mbellis@misn.com Exp 02/04

Schroeder Welding & Fabrication, Inc.



Todd Schroeder
PO Box 862
House Springs, MO 63051
Phone: 314-602-9353
Email: toddanddeanna@juno.com

Our website (www.bamsite.org) now has a Buy & Sell Section. Contact Ed Harper to place an ad or send "Around the Anvil" email message to all members on that email list. Phone: 660-946-4460 or: amed@grm.net

Letter to the Editor: Please renew my ad, plus ad my email address. Ray Chaffin.

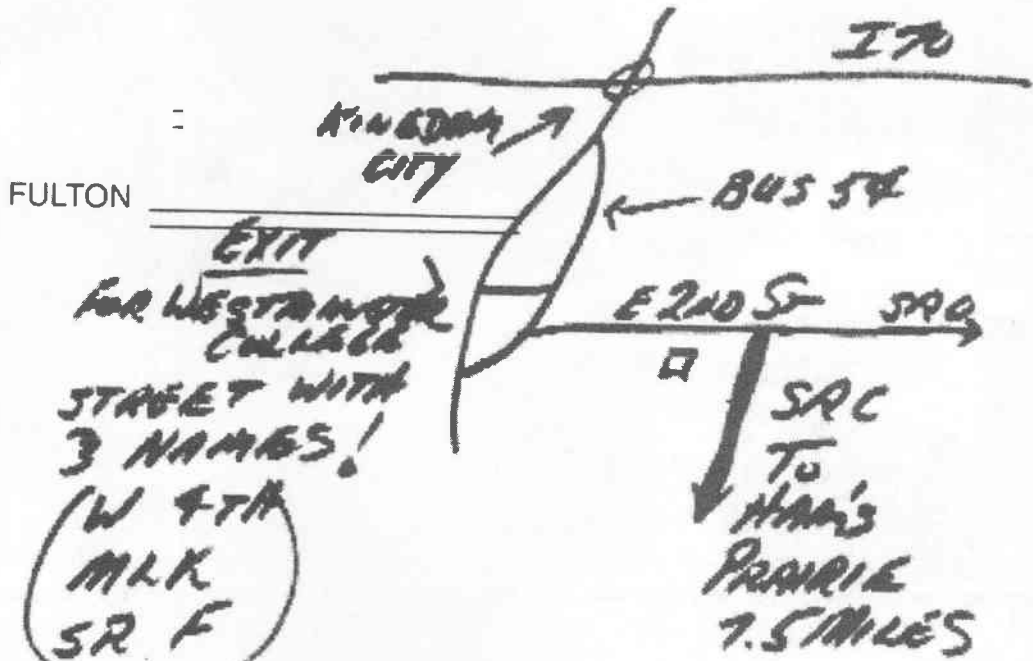
P.S. Sorry that I don't have a Christmas project.

Ed: OK, Ray, now you have a year to plan for the next Christmas/Holiday issue!

Map to Ham's Prairie, MO (7.5 Miles South of Fulton)
 Ham's Prairie has store, church, & fire station!
 Seminar with Jerry Hoffmann - Feb 28th
 in Church Multipurpose Building - Lunch Provided
 Ham's Prairie Store has a grill and serves breakfast!

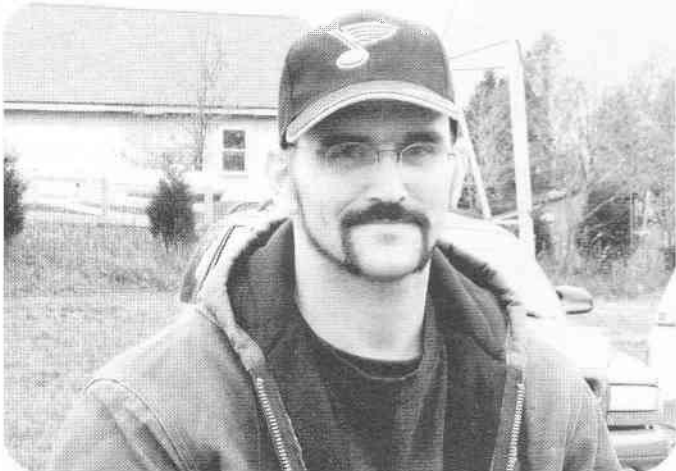
Note:

Start
 Time
 9 AM



SR C ALSO
 KNOWN AS
 MCKANE RD

CHURCH JUST
 NE OF STORE
 FACING SR 710



New BAM Member - Jonathan McCarty



Pat McCarty at Duetstch Days- Drawing by Professional Court Reporter (ie: CNN News)

Letter to the Members:

Conference time is coming, and for the second time we're going to have a gallery. Please start working now on something nice. **For details, contact Walt Hull 785-865-5771 or hull@idir.net** More details will be in the next newsletter. Hope to see you at Nixa meeting. *Walt Hull*



Baskets Galore



MTS Apr 03

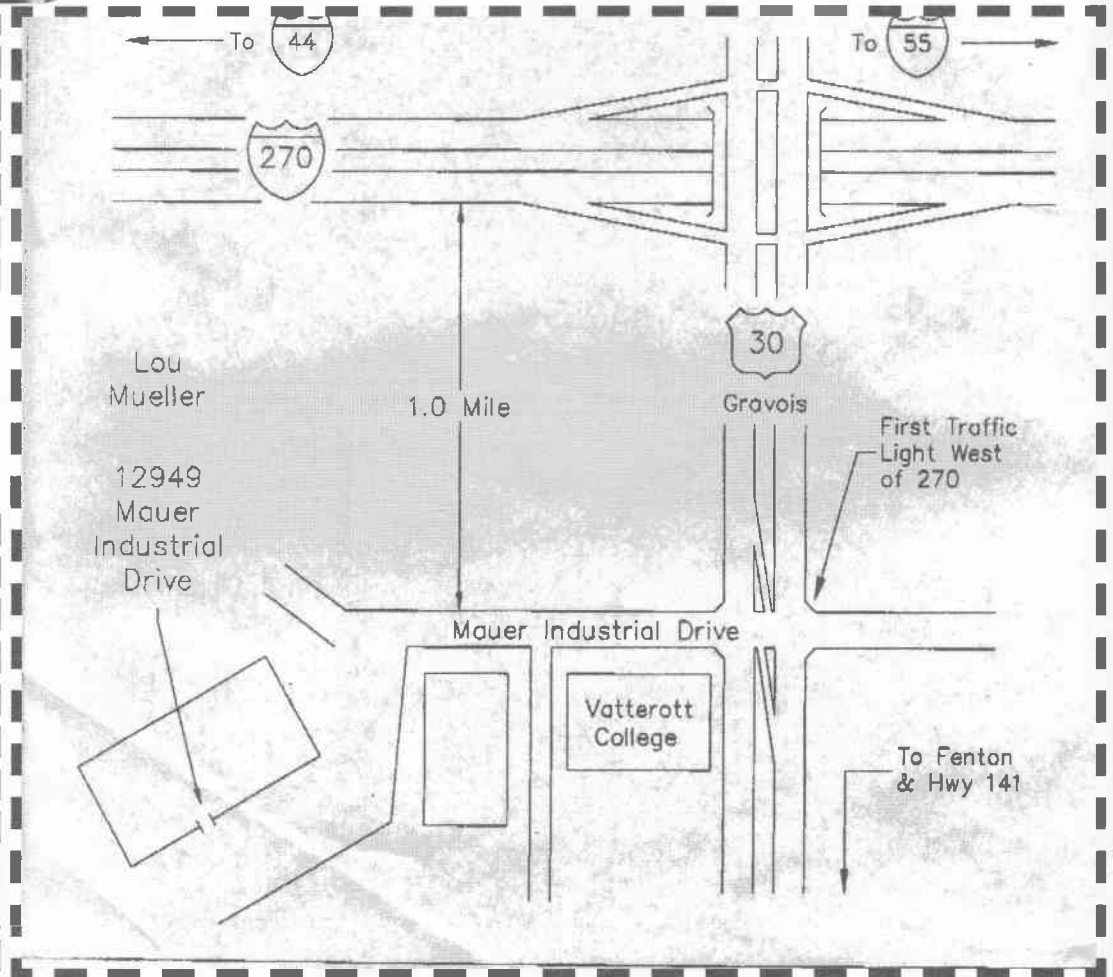


A Pair of Blacksmiths

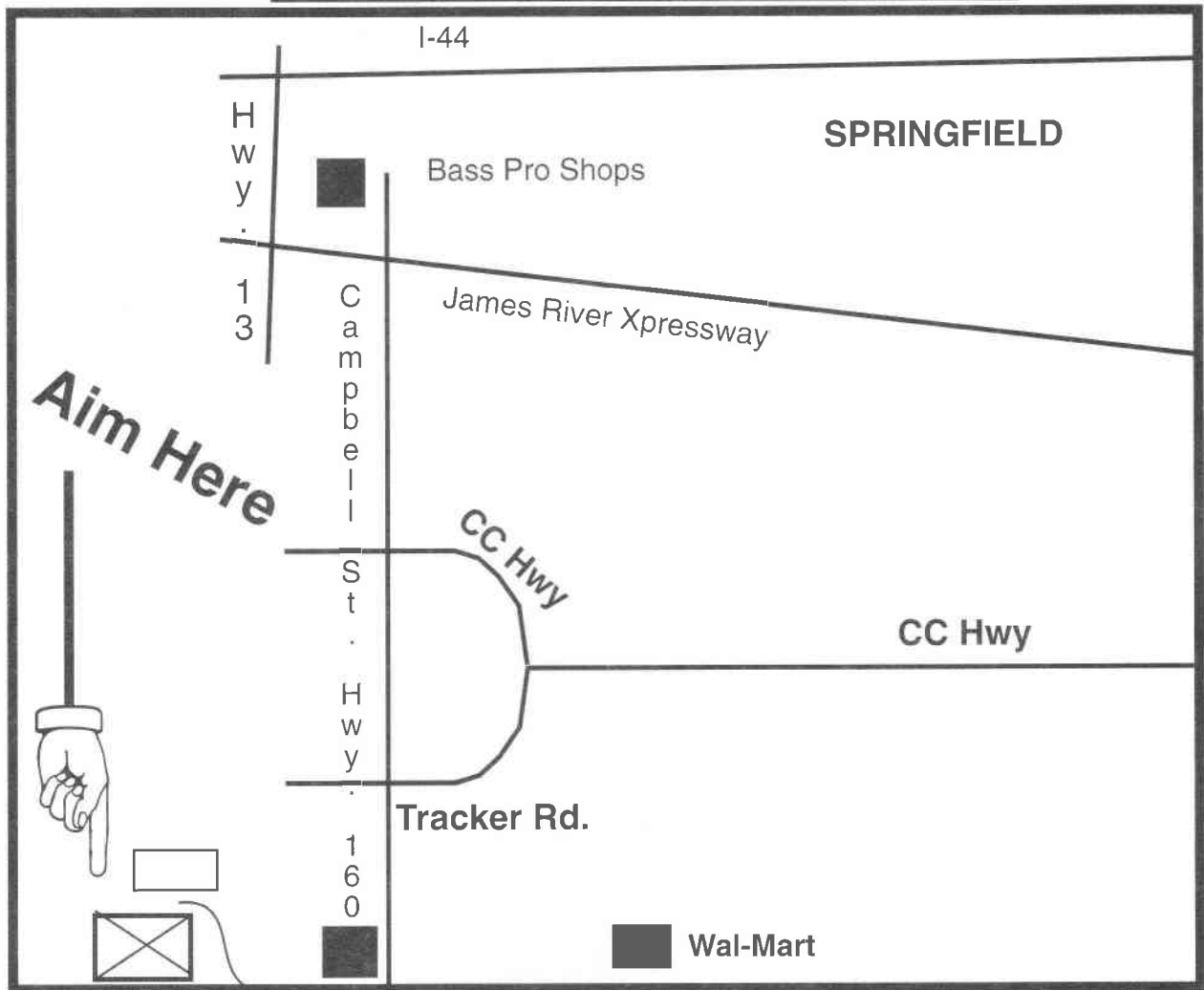


Conference Time

Note!
Note!
 This is the map to Lou Mueller's new shop location.
 The treadle hammer workshop will continue at the old shop location.
 All future MTS (basic) classes will be at the new location: at right.
Start Time:
9 AM



Map to Nixa, Missouri



Note !!! Special Seminar on February 28th

Joe Wilkinson has arranged for Jerry Hoffmann to teach a seminar on "FROM THINKING A DESIGN TO DRAWING IT ON PAPER". The seminar will be in the multipurpose building of the Ham's Prairie Christian Church. Ham's Prairie is 7.5 miles South of Fulton, on State Route C. Start time will be 9 AM. If you have questions on the instruction, call Joe Wilkinson (573-943-6779) If you need directions to Fulton or Ham's Prairie, call Ned or Esther Digh (573-642-8332 home, 573-642-9502 shop, 573-642-0364 BAM office) **Lunch will be provided**
If you come early, Ham's Prairie Store has a grill and serves breakfast. (Map on page 29)

JANUARY 17, 2004
 at THE BASS PRO FAB SHOP
 Host: Kirk Sullens
 Nixa, MO
 Trade Item - - - Flower
 Lunch Provided

MARCH 13, 2004
 at Neal Poort's Shop
 Sedalia, MO
 Trade Item - - - TBA
 Lunch Provided

MAY 29, 2004
 at Mark Twain Cave Park
 Hannibal, MO
 Host: Kirk Sullens is
 arranging and desiring
 coordination assistance

Opportunities

- January 17 Meeting at Bass Pro Fab Shop. Nixa, MO
* January 17 Larry Hults: will demo gas the forge model for the workshop at the meeting at Nixa and announce workshop dates
January 24 Last Day to submit articles for Jan - Feb BAM Newsletter
* January 24 2nd Treadle Hammer Workshop at Lou Mueller's Shop, *see pg 13*
February 7 & 21 MTS (Basic Blacksmithing) at Lou Mueller's Shop *map, pg 30*
February 28 Seminar: "From Thinking a Design to Drawing it on Paper"
Coordinator: Joe Wilkinson - Instructor: Jerry Hoffman
Location: Ham's Prairie Christian Church, Fulton, MO *map, pg 29*
March 13 Meeting at Neil Poort's Shop, Sedalia, MO
* March 20 & April 3 MTS at Bob Ehrenbergers Shop, Shelbyville, MO
May 1, 2, & 3 See large note below for BAM annual conference
* May 8 & 22 Tentative MTS at Mexico Voc Tec, Mexico, MO
* May 15 & 29 MTS at Ned Digh's Shop, Fulton (Ham's Prairie), MO
May 29 Meeting at Mark Twain Cave Park, Hannibal, MO

May 1, 2, & 3 :

Ozark BAM Annual Conference

Warren County Fair Ground

Warrenton, MO

*Donations
Will be Needed
for BAM
Auction & Boutique
at BAM Conference!*

July 7-11th :

ABANA Conference

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

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