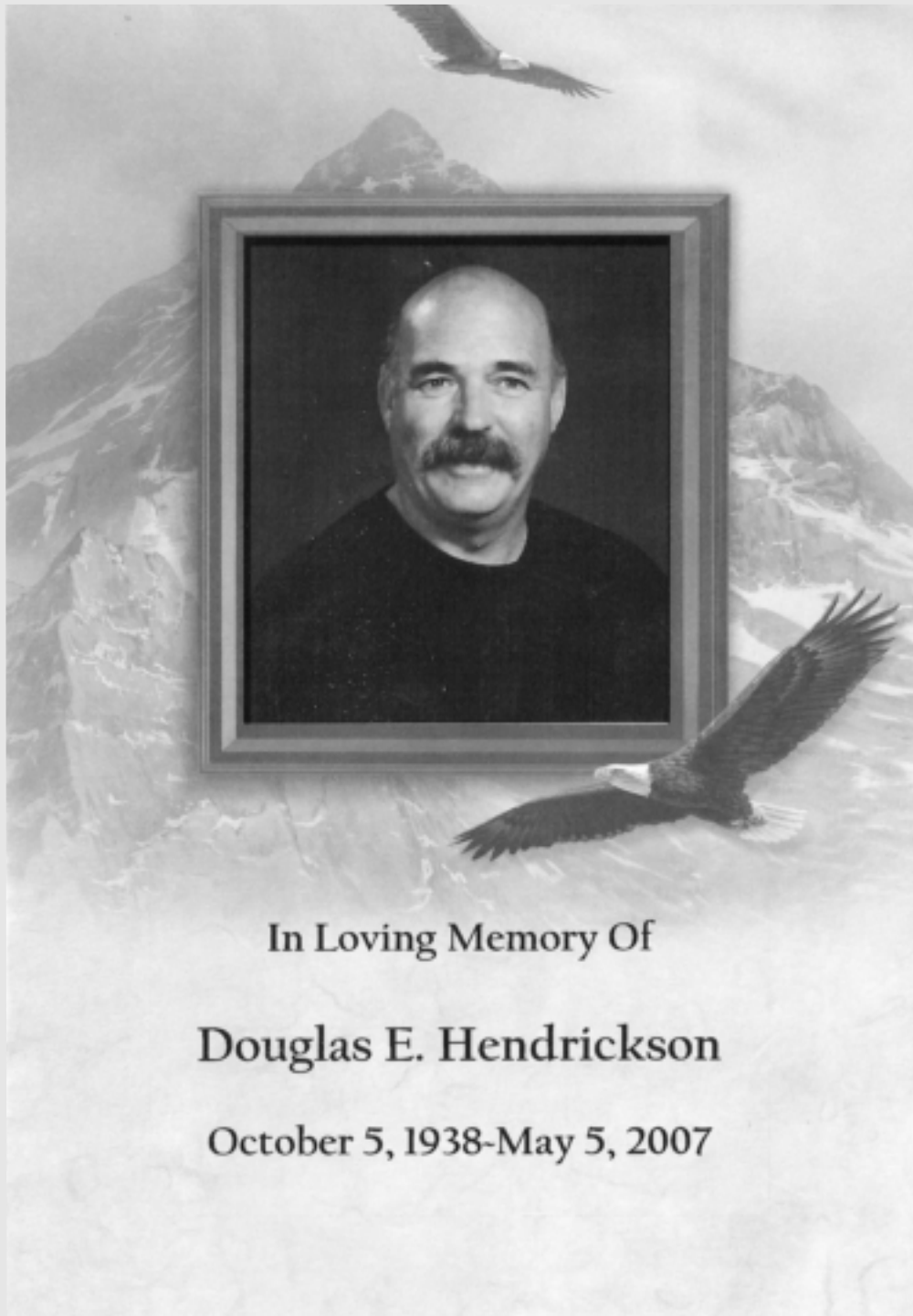


BAM

MAY-JUNE 2007



In Loving Memory Of

Douglas E. Hendrickson

October 5, 1938-May 5, 2007

www.bamsite.org

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ABANA has nothing to say.



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**Newsletter of the
Blacksmiths
Association
of Missouri**

Volume 24 No. 3
MAY-JUNE
2007

Editor
Bob Ehrenberger

Contributing Writers
Mara Harper

Photo Contributions
Bob Ehrenberger
Mike Williamson
Bruce Herzog
Ned Digh

President's Message
Kirk Sullens

Mailing Labels
Bruce Herzog

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 \$25/year; a portion of this amount is for a subscription to this newsletter for one year. Editorial inquiries should be addressed to: **Bob Ehrenberger 6192 Hwy 168 Shelbyville, Mo 63469;(573)-633-2010 or send e-mail to bameditor@centurytel.net** 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.** 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.

MAY-JUNE 2007

Membership Application

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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 \$25, which includes a subscription to the bimonthly BAM newsletter. Please make checks payable to Blacksmith Association of Missouri.

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Name: _____

Address: _____

City: _____ State: _____

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- Contributory\$100 yr.
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See reverse

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c/o Bruce Herzog
2212 Aileswick Dr.,
St. Louis, MO 63129

I _____ hereby apply for membership in the
Artist-Blacksmith's Association of North America and enclose \$ _____
_____ as my annual membership dues for one year.

MasterCard VISA Check/Money Order

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SEND RENEWAL TO:

ABANA

P.O. Box 816 Farmington, Georgia 30638

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Web site
www.bamsite.org

Web Master
Ed Harper
aramed@grm.net

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The Blacksmiths' Association of Missouri is an affiliate of the Artist Blacksmiths' Association of North America, and is devoted to the preservation and advancement of blacksmithing and to communication among blacksmiths in Missouri and surrounding areas. 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.

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From the Editor

By Bob Ehrenberger

I think that everyone agrees, the new conference site is a winner. The building was so big that we not only had room for three demonstration areas and the MTS (Mobile Training Station) set up, all the vendors and tailgaters were under roof, too.

Set up for the conference started on Thursday and by Friday morning things were in pretty good shape. Don Birdsall and I had 10 students in our beginning blacksmith class. Our students all did real well and I think they finished all their assignments in good shape. The beginning blade smithing class had 12 students and was also a big success.

Friday night we had our forging contest. It was divided into two groups. The beginners needed to draw a 22" bar out to exactly 24". The advanced group had to do a drop tongs forge weld and dress it out to the original stock dimensions. The winners of the beginner contest were: 1st - Joe Franklin, 2nd - Barry Boeckstiegel, 3rd - Edward Durrill. The winners of the advanced contest were: 1st - Bob Ehrenberger, 2nd - Mike Lanham, 3rd - Ed Harris. Yes, you saw that right, your editor won. I wasn't even planning on entering the contest but Don Nichols talked me into signing up. Then after Neil Port had his weld break when he threw it down, all I wanted was for my weld to hold. Needless to say, I set my bar down very carefully when I was done. So let that be a lesson to you, go ahead and give it a try next year, you never know how it will turn out.

We got some bad news on Saturday, when it was announced that Doug Hendrickson had passed away. Doug was one of BAM's founding members and we could not measure the contribution that he has made to the organization. Doug was trained as an artist and brought style and design into everything that he did. I remember many a demonstration here his opening line would go something like, "I was playing around with some

xxx and wondered what it would look like if I did yyy to it. It was kind of cool, this is what it does." And then he would proceed to show us what he did and the variations that he tried and what they looked like when he was done.

Doug loved to have fun and is the only one I know that drank Tabasco sauce straight from the bottle. Not necessarily a good thing, but it did set him apart from the crowd. After he retired, I remember Doug bringing a hand made lock he was working on to one of the meetings. The process had caught his attention and he had to give it a try.

I plan on going through my notebooks and publishing some of Doug's demos in future issues of the



Newly Adopted Child
& Little Brother (still an orphan)

newsletter. I invite all the BAM members to send in stories, pictures, and projects that they have concerning Doug. I would love to publish what you have, to keep his memory alive for those who knew him and introduce Doug to the new members that never had the chance to get to know him.

In the last newsletter, I mentioned that I had made a set of spurs for Daniel. But I was having a hard time finishing them because I hadn't gotten a good look at the part that held the strap. Well, Phil Cox came through and gave me a sample of the piece that he makes for his spurs. I don't know when I'll have time to finish Daniel's spurs, but know I don't have an excuse.

I'll keep you informed.

I went straight from conference to Potosi to cash in on my scholarship to the Ozark School of blacksmithing. It was a great experience and it really reinforced what I saw at conference. Tsur is a good teacher and really brought us along on his method of forging. It is the same method that Uri Hoffi taught which Tsur said comes out of the Czech Republic. As a coincidence, so do I, my great grandfather immigrated to America from that area in the 1880's. So if you think I'm a little bit Bohemian you would be right. Anyway, back to the class, I'll have a full scholarship report in the next issue. I want to pass on two things, one, the method really works, and two, after using tong clips for a solid week I can see the benefit and will endeavor to continue using them.

While at the class I found and adopted an orphan power hammer. It was one in a shipment that got crossed up a couple years ago. Tom said that by the time these two hammers came in he had already gone a different way with the design and had never put them into service.

The next Newsletter submission deadline is July 21.



Spur Strap button. Top and side views. Made from a carriage bolt with the square ground off.



Minutes BAM Conference

5/5/07

By Peggy Williamson

Held in Sedalia, Mo.

Bad News Doug Hendrickson has left us.
Ned Digh's grandson Eric played his pipes for Doug.

Thanks for the Good Demos by Hank Knickmeyer, Chris Winterstein, Tsur Sadan, and Tom Clark.

Thanks to the on site crew. Larry Hults thanked all those that helped in the planning, set up, and operation of the conference.

Attendance is a little down from last year.

Don Birdsall made scholarship awards to Bob Ehrenberger and Jeffrey Saints.

Friday's classes had 10 beginning blacksmiths and 12 beginning bladesmiths.

Ned Digh said the power hammer workshop is set for June 8, 9, and 10 at his shop in Ham's Prairie.

Ned Digh made a motion that one of the scholarships be reserved to get instruction (possibly one-on-one, possibly a small workshop) from a BAM member in their shop.

The scholarship committee pointed out that there was no restriction from doing that with our current system, the applicant just needs to write up the request.

After some discussion, the motion passed that for the next two years one of the scholarships must be used within the BAM organization.

Bob Ehrenberger reminded members that the newsletter deadline was in two weeks (May 19). If you have submissions, please try to get them to him. Also he would like stories and pictures of Doug Hendrickson to publish.

Kirk nominated Bonnie Hendrickson for lifetime membership. The motion passed.

Kirk passed the Bob Patrick Founders Award to Don Birdsall for his work with the MTS and Scholarship committee.

Elections - All board members stay the same. President - Kirk Sullens, 1st Vice President - Doug Clemons, 2nd Vice President - Ed Harper, Secretary - Peggy Williamson, Treasurer Bruce Herzog, Newsletter Editor - Bob Ehrenberger.

Kirk Sullens on holding an ABANA conference in 2008. He said that it would not be an ABANA conference, what he would like to see is an upscaled BAM conference.

We would have registration on Wed., demos on Thurs., Fri., & Sat., leave on Sunday.

We would have a special project, a teaching station, 4 demo

areas.

IVBA, UMBA, New York, Alabama, Arizona, California, and others have offered their help.

There are camping sites - motels- restaurants all within driving distance of the fair grounds.

ABANA will help with seed money to get things started.

Lou Mueller- comments - We need seed money to get started. How many will come to the conference? What will registration cost?

Bruce Herzog agreed with Lou. If he doesn't think there will be enough money, he will not back it.

Chris Winterstein (ABANA board member) - ABANA is prepared to sponsor an international demonstrator. Sedalia site might be the biggest draw for a larger conference. If we can put together a list of demonstrators, accommodations, and activities in the area.

Mona Sullens - Advertising - demos - costs- they have been talking and getting some info.

Roger Degner - UMBA - some of their members have already started planning to come and help.

We need to line up Corporate sponsorship.

We need to try and keep it a low cost as possible and keep conference a family affair as our regular BAM conference.

Tim Ryan - Keep it a family affair - what Kirk is presenting is a good thing. Look at the conference as a growth step for BAM.

Ned Digh - It looks like an attempt to save ABANA and is not his idea of what BAM is.

Kirk - It's not about saving ABANA - it's about the love of the craft.

PPBA - Will help as much as possible try to keep it under \$200 per registration.

Kirk - Have demonstrators do 2 days of the same thing and on the 3rd day do something together.

Lou Mueller - Suggest to get Kirk & Mona to get as much info together as possible & get to the group. We can't vote on it until info has been presented.

Tom Clark - Kirk has the right to make the decision himself.

Motion to close the discussion for the evening, Passed.

Please contact Mona with any and all comments about the conference.

Meeting adjourned

Editor's Note: There was a lot of additional discussion that didn't get recorded. Peggy caught a fair representation of the gist of it.

A Word From El Presidente

by Raoul (Kirk Sullens)

Hi, guys. It's been a busy year so far, and no mistake! The conference was great, thanks to good staff, good teachers and good demonstrators! The event was marred only by the news of Doug Hendrickson's death. It's a relief to know he's no longer suffering, but I'm sad for myself, his friends and family, knowing we won't have his irrepressible (and irreverent) good humor with us. And I also feel sorry for our newer members, and those yet to come, who didn't get a chance to know him. But our conference can stand as a party each year to celebrate all he did for us, as blacksmiths and as people.

Thanks to the conference staff, headed by Larry Hults, who did a great job putting everything together. Larry served above and beyond the call of sanity by chairing the committee for two years running! Thanks to Tom Clark and Phil Cox, for keeping us in power hammers, even when some of them needed a little coaxing. The site crews made sure everything went smoothly: Al Scott, Kate Dineen, Mianne Irick, Matt Burnett, Karen (sorry, but I don't know which last name to use), who all kicked butt. And the rest of the crew: George and Donna Lewis, Ken Jansen, Don Anders and Mona Pieron. Lots of people pitched in as volunteers, too many to get them all here, but I want to thank Ian Wille for playing step-and-fetch for me quite a bit.

Thanks to the teachers, Dave Mabrey, Don Birdsall and Bob Ehrenberger for giving us a full slate of classes on Friday, and many satisfied students.

And thank you to the demonstrators, who held our attention through the weekend; Chris Winterstein, Tsur Sadan and Tom Clark, and Hank Knickmeyer.

Thanks to Walt Hull and John Sherwood for setting up the gallery and arranging things to make us all look so good.

And thanks to Col. Tim Ryan for so entertainingly relieving us of the burden of all that excess money we had to drag around with us.

Don Birdsall received the Bob Patrick Award for all the hard work he's put into the MTS program. And Bonnie Hendrickson is now a life member, for being in it from the beginning, and being credited with coining the name "BAM". (Rumor has it the Founding Mothers were labelled "Bonnie's Assorted Men", though Bonnie denies it!)

I know I'll forget to mention someone, and I'm sorry if I haven't listed you when I should have. So many people did so much. Thank you all.

And so, on to the next bit of business-next year's conference. I have an estimated budget for you to look at. These are estimated figures, but costs were estimated high and income estimated low (with one exception).

There's a bit of a typo at the beginning, where the number of

demonstrators is listed. Currently, there are 4 demonstrators planned from North America, and 2 to 4 from other countries. The numbers in that list are high because of the extra demonstrators listed, so potential profits would be higher than projected in this budget if demonstrator costs were lower.

Profit/loss was figured for an attendance of 300, and an attendance of 500, for comparison. Also, note that there is a \$3,500 income listed for Iron in the Hat. We're not necessarily projecting that profit, but with a larger attendance, the potential for increased Iron in the Hat sales is good.

I've included some estimated "costs to attend", not directly related to the conference, but directly related to attending. The \$50/day for meals could be half that, if you decide to brown-bag it from a cooler in your tent or RV. Basically, you can find lodging at your own economic pain level, and these numbers are only a frame of reference.

I've foolishly volunteered to chair this committee, but as some of you know, I'm a bit of a procrastinator. Therefore, I've asked Tom Clark to co-chair as a "silent partner", because he has an ability to GET THINGS DONE that I need. The final word will be coming out of my mouth, but will be the result of cooperation and consultation with Tom, and the other committee members.

Looks like it's going to be a fun year. Thanks to everyone who has offered physical and moral support in undertaking this expansion of our conference.

El Presidente Raoul
sometimes known as Kirk Sullens

Cost to attend:	Registration \$100	
Registration \$100	RV w/hookups (\$15/night) \$60	Registration \$100
Hotel (\$80/night) \$320	Meals (\$50/day) \$200	Camping (\$7/night) \$28
Meals (\$50/day) \$200	TOTAL \$360	Meals (\$50/day) \$200
TOTAL \$620		TOTAL \$328

Update: I'm hoping to clarify my letter: I put the projected budget into the newsletter to put people at ease, by showing that an expanded conference is really not much different than what we're already doing. As we get more concrete figures, I'll continue to post them in the newsletter, but the numbers look good and the positive support from everyone, especially our BAM membership, is enough for me to go ahead with plans for next year's expanded conference, more or less as discussed at the business meeting at this year's conference.

After checking with neighboring groups for conflict with their conference dates, and finding out what other events would conflict with us in Sedalia (competition for motel space), The best plan is to remain with our traditional date of the first weekend in May.

I hope this is a clarification, and that I don't ruffle too many feathers by not stating it plainly in the first go-round.

Raoul.

BAM 2008 International Conference
BUDGET

<u>ITEM</u>	<u>Budgeted Expense</u>	<u>Expense Subtotal</u>	<u>Income Detail</u>	<u>Budgeted Income</u>
<u>Missouri State Fairgrounds</u>				
TOTAL		2,275		
Demonstrators:				
4 Domestic Individuals @\$1825 each	7,300			
1 Domestic Teams of 2 @ \$2550 each	2,550			
3 International Individuals @ \$2950	8,850			
- International Teams of 2 @ \$4650	-			
		18,700		
<u>Iron in the Hat</u>				
TOTAL		1,275		1,500
<u>BAM Boutique</u>				
TOTAL		2,800		3,500
<u>Gallery</u>				
TOTAL		400		
<u>Auction</u>				
TOTAL		1,200		5,000
<u>Tailgaters</u>				
TOTAL		100		
<u>Teaching Stations (5 Forges)</u>				
TOTAL		500		600
<u>Ring Project</u>				
TOTAL		200		
<u>Printing – Pre-Event</u>				
TOTAL		2,240		
<u>Printing – Event</u>				
TOTAL		950		
<u>Insurance</u>				
TOTAL		600		
<u>Equipment Rental</u>				
TOTAL		1,795		360
<u>Pre-Event Advertising/Publicity</u>				
TOTAL		580		
<u>Misc.</u>				
TOTAL		2,140		450

<u>Program Revenues (from above)</u>		11,410
<u>Corporate Sponsorship</u>		
ABANA		3,000
<u>Registration:</u>		
200 "early" @ \$80	16,000	
80 "regular" @ \$100	8,000	
20 "walk-up" @ \$120	2,400	
		26,400
Total Itemized Expenses (from above)	35,755	
Expense Contingency	3,576	
Budgeted Expenses	39,331	
Total Revenue		40,810
Projected Surplus (loss)		1,480

Program Revenues (from above)		9,910
Additional Iron in the Hat profit		3,500
<u>Corporate Sponsorship</u>		
ABANA		3,000
<u>Registration:</u>		
300 "early" @ \$80	24,000	
150 "regular" @ \$100	15,000	
50 "walk-up" @ \$120	6,000	
		45,000
Total Revenue		61,410
Total Budget Expenses (from above)	39,331	
Projected Surplus (loss)		22,080

Demonstrator – Foreign Individual

Fee	\$750
Travel	\$1,500
Lodging	\$400
Meals	\$200
Stock/Materials	\$0
Tools	\$50
Coal/Gas	\$50
TOTAL	\$2,950

Demonstrator – Domestic Individual

Fee	\$525
Travel	\$600
Lodging	\$400
Meals	\$200
Stock/Materia	\$0
Tools	\$50
Coal/Gas	\$50
TOTAL	\$1,825

Demonstrator – Foreign Team of 2

Fee	\$750
Travel	\$3,000
Lodging	\$400
Meals	\$400
Stock/Materials	\$0
Tools	\$50
Coal/Gas	\$50
TOTAL	\$4,650

Demonstrator – Domestic Team of 2

Fee	\$1,050
Travel	\$600
Lodging	\$400
Meals	\$400
Stock/Materia	\$0
Tools	\$50
Coal/Gas	\$50
TOTAL	\$2,550

Ken Jansen Hammer-in by Bob Ehrenberger

On March 31 Ken Jansen held a hammer-in at his shop near Moscow Mills. The original purpose was to make items for the BAM boutique for conference. We had thought that the Arabian Horse club was going to be at the fair grounds the same weekend as conference and we were going to try to load the boutique up with horse related items.

But, as is so often true, things change. The horse people picked a different weekend, so Ken changed the direction of the hammer-in. Instead of making tons of small items, Ken made a large pot rack frame and asked each of us to make decorative hooks to put on it. The hammer-in was well attended with about 12 of us busy making stuff to hang on the pot rack. As a special bonus, El Presidente showed up and made one of his famous octopuses to hang in the middle of the rack. It really set it off as unique.

Ken had set up three gas forges in addition to his coal forge, so we all could work at the same time. This is different than many hammer-ins that I had attended, where there is only one forge set up and the participants took turns making things, showing off a special design or technique while every one else watched and talked until it was their turn. We were really productive. We made about 20 fancy hooks plus 6 large oak leaves and an octopus to decorate the frame.



Finished
Pot
Rack

Since I had been thinking of horse heads, I went ahead and made hooks with horse heads on them. I wanted to practice the three heat horse head that Ken showed us at my March meeting and I wrote up in the last newsletter. This was good because Ken remembered something that he had forgotten before. After cutting the head loose and trimming the nose to length, he uses the hot cut to trim the chest back and make a smoother transition from the neck to the body. I had suggested trying to forge this area back into the body, but trimming was much faster and the resulting head was nicer. One thing Ken did stress was the need to hold the hot cut at a slight angle when trimming the nose and chest so the cut comes out straight up and down. If you don't do this you can still forge or file this area smooth but a little care will save you a lot of time. Ken was also able to combine a couple of the steps into the same heat and could pretty consistently make the head in two heats. I was happy to get them done in three or four heats. Speed will come with practice.

Among the other interesting designs used were pot hooks that looked like fish hooks, one that was a treble hook, some twisted hooks, some hooks with scrolls, and some with leaves.

A friend of Ken's (Daniel Sisk) provided a nice lunch for us all, which was much appreciated. Daniel, as you remember, wrote an article for the newsletter last November about how Ken had helped him set up the blacksmith shop at the renaissance faire in St. Charles. Daniel also has an interesting story on how he got his anvil that I'm trying to get him to write down, I think you will all enjoy it.

Continued on next page

Ken Jansen hammer-in continued...

The pot rack brought a good price at the conference auction, so we not only had a wonderful day of forging, we helped BAM's bottom line in the process.

The conference project was a great reason to have a hammer-in, but you don't need a reason. Set a date and just get together to have a hammer'n good time.



Ken & Kirk



Dan Wedemeyer



Mike Maddox hard at work

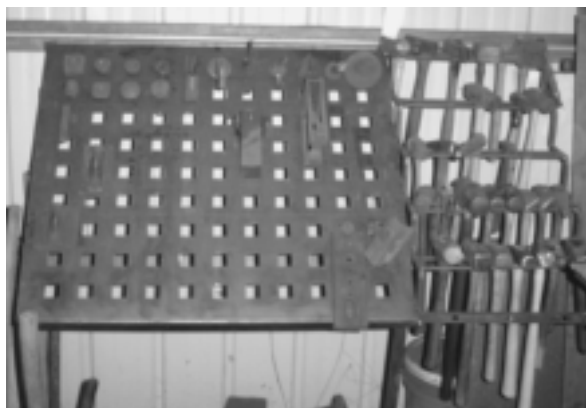


Ned Digh cutting stock

Is Ken organized or what? Hardies, Hammers, Punches, Chisels, and Files all have their place.



Larry & Ken adjusting the Octopus



Demonstration Report - Tsur Sadan and Tom Clark by Bob Ehrenberger

Watching Tom and Tsur work was like watching a tag team wrestling match. It was non stop action. When one was heating his metal the other was working. Sometimes they were both working at the same time. And whenever one of them needed help a tap on the anvil brought the other one to help.

Looking back at my notes, I'm not even sure I recorded all the things that they talked about. I'll try to give you a summary and then try to put some meat on the bones, so to say.

Basic hammering techniques (the Czech way).

Master / Striker interaction and signals

Team striking

Design of a butcher to be used under a power hammer

Making and setting hardie tool tangs

Making a bending fork for a hardie

Making a hot cut for a hardie

Proper use of a bending fork

Proper use of a hot cut

Using a hot cut with a striker, single and top with bottom hot cuts

Making a dishing swage for the hardie

Using the dishing swage to make a heavy ash tray

Slitting and drifting

Making a hammer head by hand

Making a hammer head using a power hammer

Making tongs with an open round jaw

Making and using tong clips

Making a nail header

Making nails



Tsur and Tom demonstrate the Master/Striker method of cutting a large bar using a hot cut and hardie.

They also got several other people involved with their demonstration. Neal Port did some striking as did Kate Dinneen and Joe Davis. Joe helped Tsur make a heavy ash tray. Karen Hammerschmidt held the big drift for Tom while he made a hammer head. After some instruction, they made several big nails with a different team of strikers from the crowd each time. I got in on one of the nails Sunday morning and it isn't real easy to stay in time when there are 4 sledge hammers involved.

Basic Hammering - The Czech Way

For this you need a balanced hammer, one that maintains a good center of balance when tipped on edge. The Czech hammer is short and fat with a short blunt cross pein.

For your grip, you put your thumb on the side of the hammer nearest you and two fingers on the side of the hammer on the far side. Keep a loose grip, you are guiding the hammer, not driving it.

You want your anvil high enough that when you make contact your arm is not fully extended. If you let your arm snap straight on every blow, it will eventually damage your elbow.

You want your wrist to flex back, not to the side. When it



Continued on next page

Continued from page 12... flexes to the side, it locks up when the bones in your wrist run out of travel, this will take it's toll on your bones. When it flexes back, the motion is limited by muscles and tendons, so when it reaches it's limit it doesn't have a hard stopping point but is cushioned by the soft tissue around the joint. This does not damage the joint like flexing it sideways can. When you stand at the anvil don't face it, stand beside it so your shoulder is over the anvil and you are looking down the edge. This stance makes it easy to use the far edge of the anvil and keep the work perpendicular to the anvil by holding it in front of you. When hammering, tilt the hammer slightly to the finger side. This makes the hammer into a fuller and moves metal much faster than hitting it with the full face. A well balanced hammer can be tipped as much as 45° before it feels like it will go over on you.

When making a taper on round or square stock, start where you want the taper to end. A good rule of thumb is that the taper will be 3 times longer than the original stock, so if you want a 3" taper start 1" from the end. Keep the tip of the bar off of the edge of the anvil to maintain it's heat. Turn the stock 90° with every one or two blows.

The first section will only take one or two blows on each side to finish. Finish that spot to the thickness that you want and then pull the bar towards you and work the next section the same way until it is finished. If you only pick up 1/4"-1/2" of new material with each section it only takes a few blows to finish that section and you are ready to move on to the next bite. Continue to work your way down the bar finishing each section as you go. If you run out of heat before you reach the tip, you only need to reheat the part that is left, the part you have already hammered is essentially finished.

When you finish the tip, flatten out your hammer and go back and planish your work. When planishing, do the place you started first, because that has been on the anvil the longest and has lost most of it's heat by now. Then planish the tip because it is so thin it will not maintain it's heat very long. Finally planish the middle of the taper which should still be at a dull red. If you practice this method, you will be amazed at how fast the job can be done, and with a lot less effort on your part. The one draw back is, until you develop an eye for how far to take each section, you may make a section too thin early on, you can't get it back, the taper is ruined.

When drawing a taper on flat stock, use a rounded edge of the anvil as a fuller.

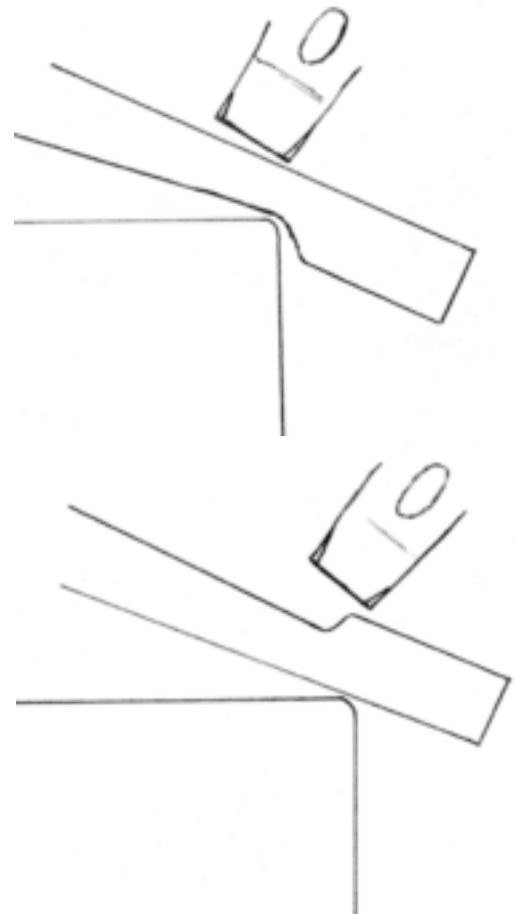
Like with the square and round stock, you start where you want the taper to end. Unlike before, you want that spot to be directly over the far edge of the anvil. Drive it straight down over the edge of the anvil. Then instead of turning it 90°, turn it 180° and pull it back slightly to work the next section.

It seems a bit odd at first because you have this big chunk of offset metal sticking up, but it really does work. When you hit the part that's sticking up it takes it down to the plane of the rest of the bar and shoves a new chunk down below the anvil.

You may want to turn it 90° occasionally, just to maintain the bar's original thickness, but most of the work is going to be done with the bar on edge.

Just like before, you work your way down the bar finishing each section as you go.

When you reach the tip go back and planish as before.



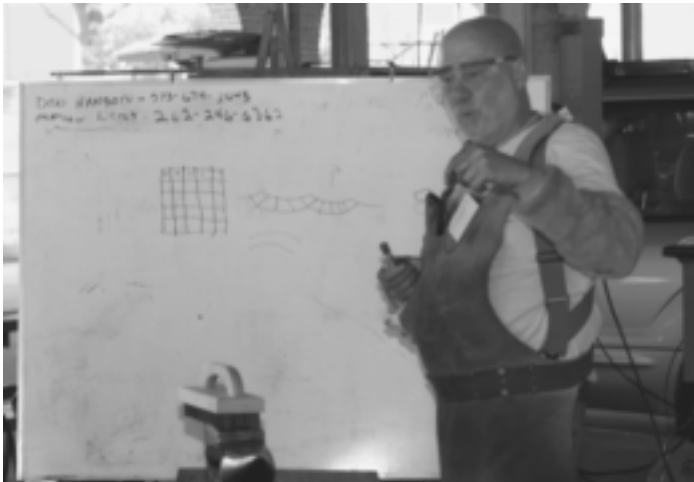
Chris Winterstein Demonstration

I didn't get to watch Chris. Listening to Kirk describe his work, he has a unique way of folding and welding steel to get some wonderful effects.



Hank Knickmeyer Demonstration

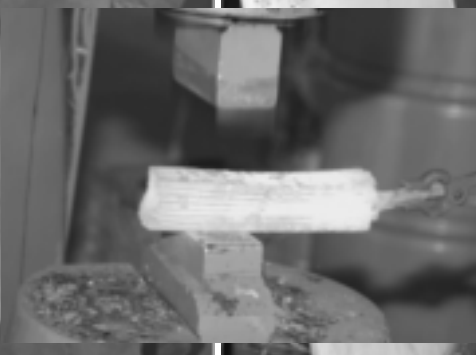
As an American Bladesmith Society Master, Hank knows a thing or two about making damascus steel. The billet he put together and welded up was one of the largest I have seen. That puppy had to be close to 20# of steel.



Hank's background in education was evident as he took time to explain the process to the audience.



Making the initial weld.

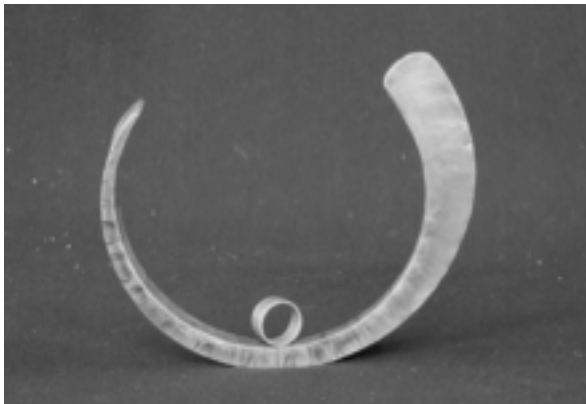
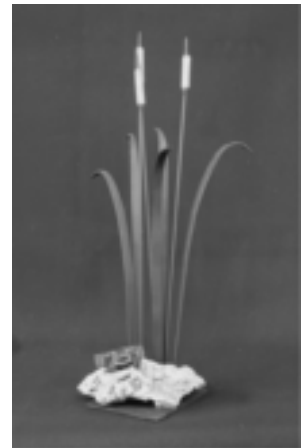
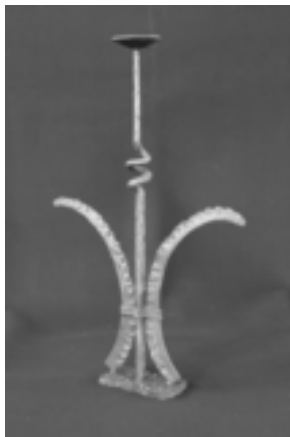


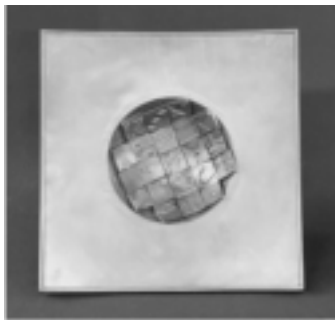
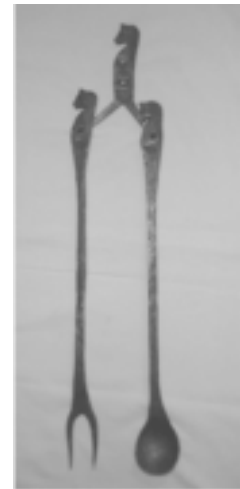
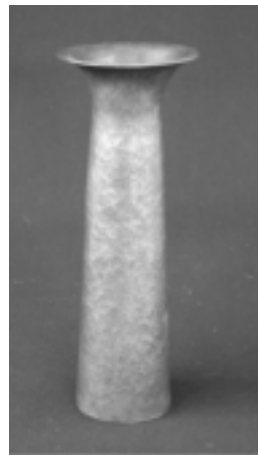
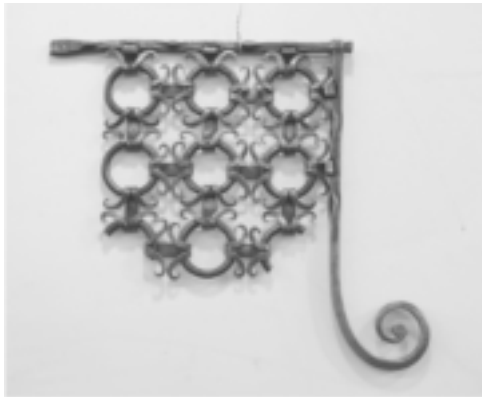
Close up of unwelded billet

Drawing out the billet.

BAM's Dr. Iron Gallery

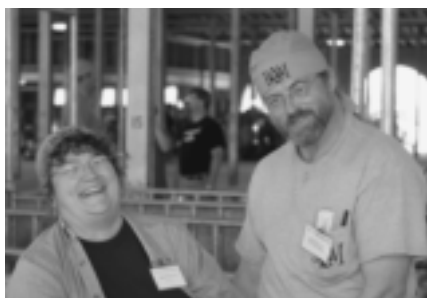
You guys did a great job of bringing in beautiful work to examine. A special thanks to Walt Hull for organizing the gallery and to Bruce Herzog for taking the time to photograph all the work.





Best of BAM-

As a bonus to those that showed up early, there was a demonstration area set up on Friday where several BAM members took turns giving short demonstrations. Those involved in giving demonstrations were Don Nichols, Bob Ehrenberger, Kirk Sullens, Joe Wilkinson, and Jerry Hoffman.



There are lots of behind the scene workers.

Here is part of the staff that made the conference happen.



MTS class

Every year we use the mobile training station to teach a beginning blacksmith class. It was nice this year to be out of the wind so our gas forges all worked properly. All the students did real well, completed their assignments, and had a good time. As a bonus, Kirk presented Don Birdsall with the Bob Patrick award for all the work he has put into the MTS program.



Don receives the Bob Patrick award.



Douglas E. Hendrickson of Lesterville passed away at his home on Saturday morning, May 5, 2007. He was 68 years old.

Hendrickson was born on October 5, 1938, Minneapolis, Minnesota, the son of the late Carl Edward and Lucille Hendrickson, and Anstice (Hendrickson) Nelson.

On June 21, 1959, he was united in marriage to Bonnie Rooney in Hollywood, Florida. To this union one son was born, Michael, who survives with his wife, Mary and their two sons, Tyler and Cole, in Minneapolis.

He was preceded in death by his parents, and he is survived by his wife, Bonnie, son, Michael, and two brothers, David and Dale, both of Minneapolis, and a host of nephews, nieces and friends.

Hendrickson was a veteran of the United States Marine Corps, having served from 1956 to 1958. He graduated from the University of Minnesota with a Master's of Fine Arts degree in 1968, and he taught at Drake University in Des Moines, Iowa, where he was a full professor at the time of his retirement in 1983.

A blacksmith by trade, Dr. Iron, as he was known, and Bonnie moved to Lesterville permanently in 1983, where Dr. Iron set up his blacksmith shop, Peola Valley Forge, which he owned and operated until he retired in 2000. His creative and artistic designs, incorporated in his blacksmith art, are known both nationally and internationally. His works are included in the Smithsonian Institute.

Dr. Iron was one of the founders of the Blacksmith Association of Missouri, and in late 2005, he was asked to design a water fountain for the National Ornamental Metals Museum in Memphis, Tennessee. His critically-acclaimed fountain was erected and dedicated in 2006. In April 2007, Douglas Hendrickson was the recipient of the 2007 Robert Ross MDA Personal Achievement award for the State of Missouri.

On September 2, 2004, Hendrickson was diagnosed with amyotrophic lateral sclerosis (Lou Gehrig's Disease), a degenerative of the nervous system affecting the motor neurons that carry impulses from the brain and spinal cord to the muscles. There is no known cure.

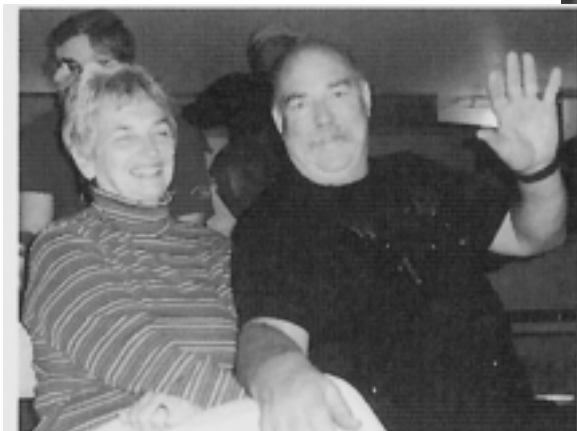
Funeral arrangements are under the direction of McSpadden Funeral Home in Lesterville. Services were held on Saturday, May 12, at 11:00 A.M. at McSpadden Funeral Home in Lesterville. In lieu of flowers, donations can be made to: Blacksmith Association of Missouri Scholarship Fund, c/o Bruce Herzog, 2212 Aileswick, St. Louis, MO 63129, or the National Metals Museum, 374 Metals Museum Dr., Memphis, TN 38106

Doug Hendrickson aka Dr. Iron

Doug not only was one of BAM's founding members, he edited our newsletter, had a regular safety column, demonstrated on a regular basis, organized special projects, helped with conference, and was always there to inspire those of us who were just starting out. He would take the time to look over the things that I had done and comment on what he liked about them and make suggestions on how I could make them better. I went through my archives and found these covers that featured Doug and his work.



These pictures, our cover, and the obituary on page 20 came from Doug's memorial.



Tuesdays at the Capitol
April 10, 2007
11:30 a.m. – 2:00 p.m.
Missouri State Museum

Traditional Blacksmiths

- Ed Harper of Browning, Mo.
Master Artist
- Matthew Burnett of Cameron, Mo.,
Apprentice

Traditional Arts Apprenticeship Program, 2007

Ed Harper is the latest in a long line of blacksmiths (the twelfth) to participate in the Traditional Arts Apprenticeship Program (TAAP). Over the year's, TAAP's master blacksmiths and their apprentices have yielded tools and utensils, knives and wheels, fishing gigs and architectural hardware, ornamental furniture and ornate objects. All are functional; all are artistically excellent.

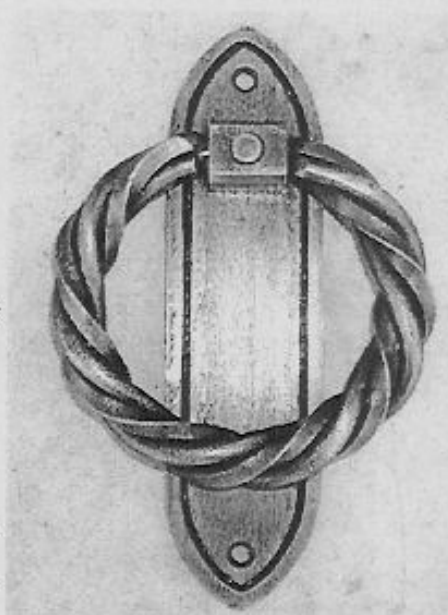
Harper is no exception. A third generation blacksmith, he started "hanging out" in his father's shop at the age of 4 or 5 and began learning how to build coal fires, hammer, forge weld, bend, temper, draw and make his own smithing tools. While Harper makes decorative objects like the door knocker pictured here, he also reminds us that "the blacksmith is still one of the most important jobs in a community." Neighbors rely on the blacksmith to "repair metal tools, farm equipment and ornamental ironwork."

Matthew Burnett is excited to apprentice with Mr. Harper this year. They have taken on an ambitious project, forging the iron headboard and footboard for a bed. Before he even started on the bed, Burnett had to make his own tongs and bending jigs at the forge.

Mr. Harper has a gallery of photos at the Blacksmith Association of Missouri website: www.bamsite.org/edh.html

Tuesdays at the Capitol is a collaborative program of the Missouri Folk Arts Program (MFAP) and the State Museum of the Missouri Department of Natural Resources. The artists who perform during these programs are past or present participants in the Traditional Arts Apprenticeship Program (TAAP), which pairs master folk artists with apprentices to pass traditions on to the next generation. TAAP and the Missouri Folk Arts Program are funded by the Missouri Arts Council and the National Endowment for the Arts.

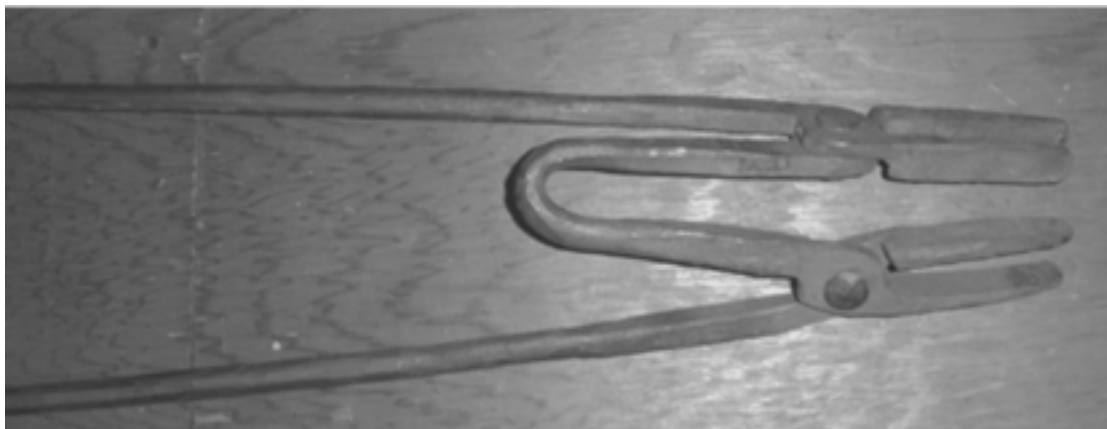
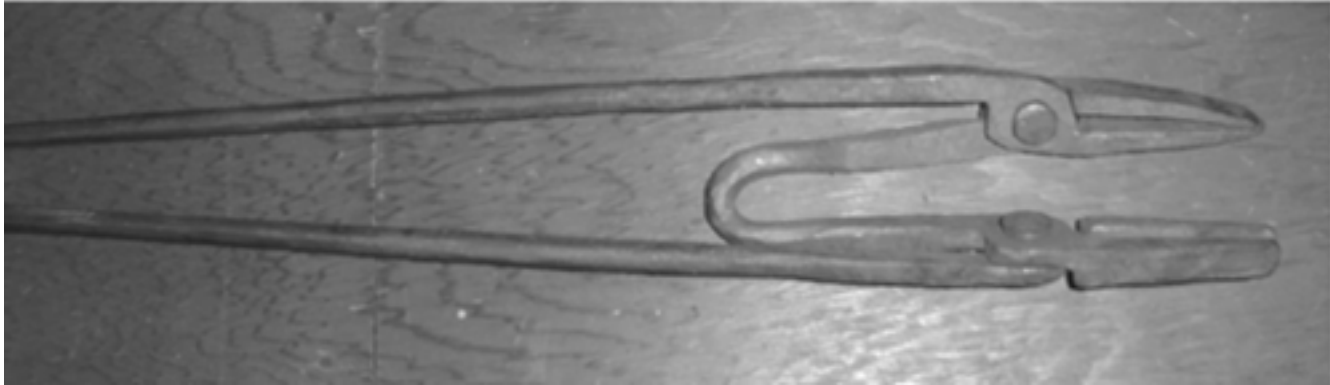
The MFAP is a program of the Missouri Arts Council and is administered by the Museum of Art & Archaeology at the University of Missouri-Columbia. The MFAP was established in 1984 and builds cross-cultural understanding by documenting, conserving and presenting our state's living folk arts and folklife in collaboration with Missouri's citizens.



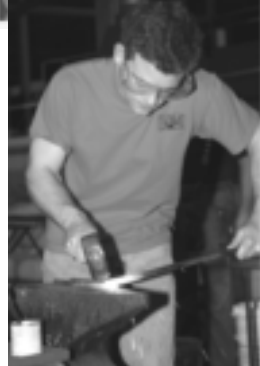
NATIONAL
ENDOWMENT
FOR THE ARTS



What is it?



Tom Clark wanted me to publish the pictures of this special pair of tongs. They were designed for a specific task, and I can attest that they work very well for the task for which they are designed. If you think you know what they were designed for, Tom said that he would give a pair of tongs to the first person that calls or e-mails me with the right answer. I will publish the answer in the next newsletter. Bob 573-633-2010 or bameditor@centurytel.net



BAM Conference
2007
Forging contest.

Come on Friday night
and don't miss the
fun.

Buy, Sell, Trade

Individual Classified ads

50 lb. Little Giant Power Hammer, not running, needs some work. \$1,000.00

Bob Ehrenberger, Shelbyville, MO. 573-633-2010.
e-mail bameditor@centurytel.net

Kirk Sullens has organized a group buy for gas saver valves. Because of his prior purchases the co. is extending the group price of \$136.25 (tax included) for the foreseen future. If you can't meet with Kirk there may be additional shipping costs. (This is a shutoff valve with a pilot light that lets you set your torch once and then quickly relight for each use.)

If interested contact Kirk Sullens. 417-863-8628

Commercial / Resource ads

Services:

Custom spinning in copper, brass, pewter, and steel. Contact Ken & Kathy Markley, 7651 Cabin Creek Lane, Sparta, Ill. 62286. Phone: (618) 443-5284 Fax: (618) 443-5284

Ray Chaffin has a new computer operated **plasma cutting** system that can cut anything out of metal. Mail, call or e-mail your design for a price quote. Ray Chaffin, (660) 438-6720 or Ray's Welding, RR 3, Box 279, Warsaw, MO 65355.

Little Giant-- We can do repairs on any or all components of your Little Giant front assembly. Contact H. "Sid" Suedmeier 420 4th Corso, Nebraska City, NE. 68410 (402) 873-6603

Tire Hammer Workshops, Beverly Shear Sharpening
I have donated my treadle hammer plans to ABANA and will not be selling plans in the future.
Beverly shear blades sharpened \$35 plus postage.
I will be leading workshops to build 50 lb. Tire Hammers, contact me for details.
Clay Spencer, 934 Partridge Lane, Murphy NC 28906-6149,
828-837-0708 or e-mail to clayms@brmemc.net

Information / Education

Ozark School of Blacksmithing - Tom Clark
Tom: tclark@ozarkschool.com
School: www.ozarkschool.com
(573) 438-4725 Cell-(573)-747-8648

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

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

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

Subscribe to Jerry Hoffmann's **Blacksmith's Journal**, a monthly publication for blacksmiths. Call 1-800-944-6134 for more information.

George Dixon edits a blacksmithing publication called "**The Artist-Blacksmith Quarterly**". For \$28 you will get four issues of how-to information. Contact him at 1229 Bee Tree Lake Road, Swannanoa, NC 28778.

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

Blacksmithing E-books on CD

TWO NEW/OLD E-BOOKS-Weiner Kunstschmiedearbeiten (1928) and La Fidelle Ouverture de l'Art du Serrurier, originally published in 1627. Now eight titles are available on CD, \$4/each, or all eight books, \$24 postpaid. More books are in production and will be available soon- order on-line at www.blacksmithingebooks.com, or check/MO to Brian Gilbert, 3404 Hartford Dr., Chattanooga, TN 37415.

Products

Heavy duty **Frying Pan Blanks**: Steel, approximately 9 inch in diameter with 2 inch sides. 12 gauge (2.5 lb.) or 14 gauge (1.75 lb.) thickness. Available with or without two 3/16 inch holes for handles. Now tumbled clean. 1-4 \$9 each; 5-9 \$8 each; 10 or more \$7 each. Shipping \$4 plus \$.50 for each pan. Contact: Bob Tuftee, 3855 Aspen Hills Dr., Bettendorf, IA 52722; bobforge@hotmail.com; (563) 332-4800.

Tom Clark carries a complete line of hand forged Hofi style hammers, punches, drifts, tongs, shears, belt grinders and gas forges. He's also importing the Sayha air hammer from Turkey. For more info on the tools contact him at Phone (573) 438-4725. Fax (573) 438-8483.

L Brand Forge Coke now packaged in 50 pound bags, 1,000 pound bulk sacks on pallets and 2,000 pound bulk sacks on pallets. Send your zip code for a quote on price including delivery. 1-800-441-0616 or LBrandForgeCoke@aol.com.

Buy, Sell, Trade, Continued

Bells Novelty Casting is a foundry in Anniston, Alabama manufacturing blacksmiths' tools. We are currently looking for dealers to market our products. We have anvils of all sizes, swage blocks, hardies and drift pins. Call 1-877-FARMBEL. Web site www.bellsandmoe.com.

Kayne and Son Custom Hardware, 100 Daniel Ridge Road, Candler, NC 28715. (828) 667-8868 fax (828) 665-8303, e-mail: kaynehdwe@charter.net, web site: www.blacksmithsdepot.com. Offering Peddinghaus 2 horn anvils, Offcenter tongs and swages, etc, hammers, tongs, the Fly Presses, Treadle Hammers, and Forgemaster gas forges. We ship and accept Visa and Mastercard.

Persimmon Forge **PEDAL HAMMER** for sale for the more delicate work of chase and repousee, chisel and chase, leather stamping, some stone and wood carving applications, etc., in a comfortable seated position with minimal effort, maximum safety, and fast striking.

Contact Dave or Betty Edwards by e-mail at djedwards@cableone.net, or write or call the manufacturer, Four Mile Carriage and Machine, at 3220 West 6th Ave., Emporia, Ks. 66801, (620) 342-4440.

SOFA fire pots are once again available. For information contact Bob Cruishank, 1495 W. Possum Rd., Springfield, OH. 45506 Phone: (937) 323-1300 or www.creativeironforge.com or www.sofablacksmiths.com

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

USA Dealer for **REFFLINGHAUS ANVILS**, 77 to 1250 lb. European 2 horn with or without upsetting block & side shelf. Over 100 sizes and styles available.
Guaranteed face @ HRC59
Dick Nietfeld www.blksmith.com Phone (308) 384 1088

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

Wanted:

Articles for the BAM Newsletter.
E-mail, bameditor@centurytel.net,
or snail mail to Bob Ehrenberger, 6192 Hwy 168,
Shelbyville MO. 63469.

Help Wanted:

Full and Part time help wanted. Blacksmiths needed to produce small decorative items in your shop from our designs. Contact: Kathy Nugent, (913)-897-9411 nugentgbc@yahoo.com

LOST & FOUND -If you are missing a eye punch from your work bucket that was sitting in the MTS trailer on Friday of the conference please contact Don Birdsall at 573-364-7223 I will return it to you. The punch was borrowed by another BAM member who thought that the punch was BAM property that belonged in the trailer. Sorry for the mistake. Don donbirdsall@earthlink.net

If you left a can of flux on the MTS trailer Sunday of conference contact Bob Ehrenberger 573-633-2010 or bameditor@centurytel.net

Demonstrator List

Fred Weisenborn has started a list of members available for demonstrations,

fairs, historic events, and festivals, etc.

Contact Fred to get on the list:

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

Around the Anvil BAM has it's very own E-Mail news group. If you would like to participate send an E-Mail to Ed Harper at aramed@grm.net and he will get you signed up.

Hammer-ins at Don Birdsall's shop:

On Saturday September 8th

Due to MTS workshops in October at Dale Gilman's there is no hammer-in.

On Saturday November 10th.

On Saturday December 1st.

Shop will open around 7 am for early birds and will stay open till last one leaves.

Lunch and drinks will be provided. (If possible RSVP so I have enough)

Directions to my shop:

From the intersection of I-44 and Highway 63 at Rolla, Mo. Go south 2 miles on 63 to the intersection of Highway 72 to Salem, Mo.

Make a left turn on to 72 going east towards Salem.

Go east 2 miles to the intersection of O Highway (Lecoma Road)

Make a right turn on to O highway.

Go south 10 miles watch for a small green sign on the right hand shoulder of the road saying [ENTERING DENT COUNTY] at the sign make a left turn on to Dent County Road 204.

3/4 mile east 204 ends and Phelps County Road 5480 starts our drive way is the first one on the right.

I will have BAM signs on the intersecting of 204 and 5480 and at my drive way.

If coming from the south the sign on the right hand shoulder of the road will read [ENTERING PHELPS COUNTY]

Make a right turn at the sign.

Any questions call me at:

573-364-7223 or e-mail me at donbirdsall@earthlink.net

Don Birdsall

Need Coal ?

Check on Availability

Coal Captain: Bob Alexander



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

5. Jeff Willard, (417) 742-4569
P.O. Box 416,
Willard, MO. 65781

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

6. Denis Yates, (573) 286-5316
343 Lamp Dr.
Sunrise Beach, MO. 65079

3. Doug Clemons, (660) 595-2257
RR1 Box 124,
Malta Bend, MO. 65339

NEW 7. Joe Hurley (660) 379-2365
Rt1 Box 50
Downing, MO. 63536

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

Price \$10.00 per bag BAM members, \$11.00 per bag Non-members, \$9.00 per bag at Bob Alexander's
Coal keepers earn \$2.00 a bag

8. I have purchased 2500#s of Blacksmith coal from Sid Suedmeier in Nebraska to have some on hand for us blacksmiths in northwest Missouri where there are no club depots around. This batch will cost \$15.00 per 50#s. Future batches may have a price fluctuation. It is in bulk so guys will have to bring their own bags or buckets. I have scales to weigh it out. To start with there will be a limit of 250#s per person to insure some for several people. Just wanted to pass this along. The coal is located in Camden Point, Mo. I can be reached at 816-450-3352 or 816-8054223.
Thanks Vernon Adkins adkinsfarms@earthlink.net

Upcoming Events

June 21-24 Ohio Tinsmith-Coppersmith Convergence contact Mike Rungon 880-590-9755 x 2018
June 29-July 2 **CANIRON VI** Victoria, BC Canada for information go to: www.caniron.ca

July 1 Application deadline for August **Scholarship** awards.

July 14-**BAM Meeting** Larry Crow, Eldon, IA. (641)-652-7834 Trade item Handle with a forge weld and a twist.

July 21 - **Newsletter Submission Deadline**

July 26-29 **International BABA Conference** 2007 Contact Elspeth Bennie, elspeth@ironhorse-studios.co.uk

September 8 - Hammer-in at Don Birdsall's Rolla, MO.

September 15-**BAM Meeting** Dale Gilman, Boonsburo, MO. (636)-447-6450 or (660)-848-2396

September 29 **MTS #1** Workshop (Basic BS) Dale Gilman, Boonsburo, MO. (636)-447-6450 or (660)-848-2396

October 1 Application deadline for November **Scholarship** awards.

October 6 **MTS #2** Workshop (Basic BS) Dale Gilman, Boonsburo, MO. (636)-447-6450 or (660)-848-2396

October 13 **MTS #3** Workshop (Sign Holder) Dale Gilman, Boonsburo, MO. (636)-447-6450 or (660)-848-2396

November 3- **BAM Meeting** Wayne Holder's, in Leon, Ia. (641)-446-6225

November 10 - Hammer-in at Don Birdsall's Rolla, MO.

December 1 - Hammer-in at Don Birdsall's Rolla, MO.

January 1 Application deadline for February **Scholarship** awards.

April 1 Application deadline for May **Scholarship** awards.

Note: For all MTS (Moble Training Station) classes contact Don Birdsall to sign up (573)-364-7223

New Members

If you have a new member near you, welcome him to the group and show him the ropes.

Bailey, Jacob
3720 NE Baidwin Road
Topeka, KS 66617
brvjs@cox.net

Gavel, Dave
Box 972
Belle, MO 65013
573-859-3849

Killgore, Kirby
RR 2 Box 2910
Mountain View, MO 65548
killgoreLTD@yahoo.com
573-292-3556

Schalue, Tom
1056 NW 365
Holden, MO 64040
816-732-4064

Collins, Mark
3168 Wild Horse Canyon
Foristell, MO 63348
mcollins001@centurytel.net
636-673-1232

Hoskins, Ryan
1020 McKnight Road S.
Maplewood, MO 55119
ryanmetalsmith@hotmail.com
651-334-4087

LaVaute, Peter
460 County Road 328
Franklin, MO 65250
ecosense@howardelectricwb.com
660-848-9982

Spinner Family, Haumesser
P.O. Box 300
Eminence, MO 65466
417-247-0337

Davis, Joe
12625 Lawrence 1175
Mt Vernon, MO 65712
417-461-0387

Jamison, Kenny
256 Doc Ridgeway Drive
Macks Creek, MO 65786

Meyers, Jim & Cindy, Joshua
10010 E. Logan
Columbia, MO 65201
jim-cindy-meyers@excite.com
573-874-2867

Tucker, Robert
P.O. Box 164
Sedalia, MO 65302-0164
tuckerbj@iland.net
660-827-2896

Durrill, J. Edward
2917 St Louis Road
Jefferson City, MO 65101
edurrill@durrillgraphics.com
573-761-4897

Johnston, Frankie
P.O. Box 524
Eminence, MO 65466
573-226-3249

Norrie, David
604 N 2nd Street
Berthoud, CO 80513
norriestudios@aol.com
303-859-0770

Williams, C.J.
303 N. 2nd Street
Wheeling, MO 64688
fbwarner@greenhills.net
660-659-2406

Franklin, Joe
6583 Hwy DD
Farmington, MO 63640
joewillfrank@wmconnect.com
573-760-1972

Kellerstrass, Earl
17649 Drenon Road
Warsaw, MO 65355-3792
660-547-3672

Robb III, George
101 Sappington Dr
Columbia, MO 56203
forgeyman@gmail.com

Zboran, James
P.O. Box 1546
Rolla, MO 65402
jim@springcrestbaptist.com
573-299-4897

Next Meeting: July 14, Eldon, IA.

**Location:**

101 6th St., Eldon Ia.
Shop is South of
Crow's Auction sign

If coming up
Hwy 63, turn at J15
by water tower.

Room for campers

Host:

Larry Crow

Trade Item:

Handle with forge
weld and a twist.

Lunch:

Will be provided

Phone:

(641)-652-7834

Demo:

Specialty tools & jigs

BAM

2212 Aileswick Dr.,
St. Louis, MO 63129

Please send changes to Bruce Herzog, 2212 Aileswick Dr., St. Louis, MO 63129 or e-mail to bjherzog@msn.com