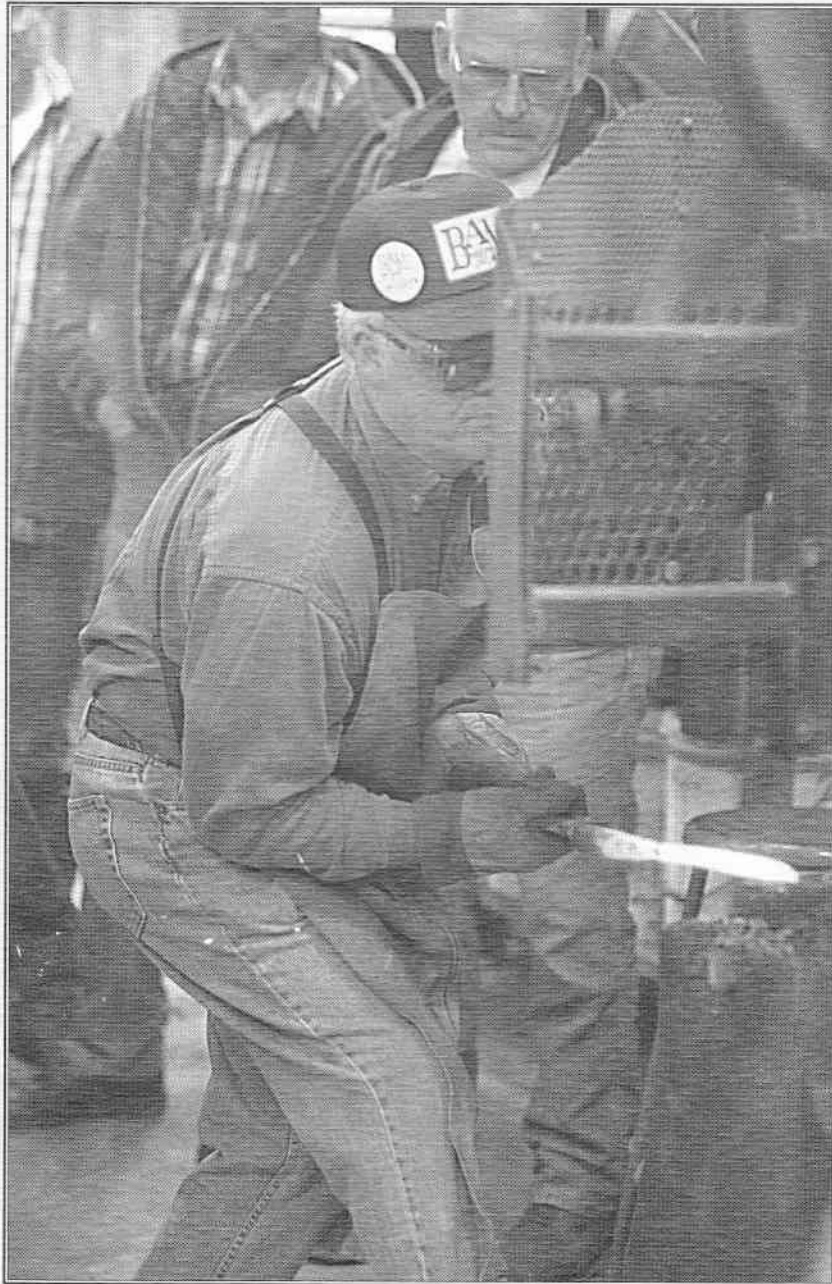


# BAM

INSIDE

September-October 2000

November meeting.....8  
Chad's flowers.....12  
Chad's stakes.....15  
Iron candle .....17  
Next meeting.....20



NEWSLETTER of the BLACKSMITHS ASSOCIATION OF MISSOURI

# Contents

## Editor's anvil

**5** The editor finally makes a meeting and finishes his reign as Ring editor.

## Bob's business

**7** Bob gets on his soapbox one more time and tells about the November meeting.

## November meeting

**8** In case you missed it, here's a review of BAM's November event at Pat McCarty's shop.

## ABANA news

**10** ABANA's Chapter Liaison Doug Learn attempts to explain all.

## Bulletin Board

**11** All the reading material, old rusty iron and other good stuff for sale.

## Chad's flower

**12** This Chad has nothing to do with the Florida election returns.

## Chad's stakes

**15** We would be very remiss if we didn't show you how to make Chad's tooling tool.

## Candle flame

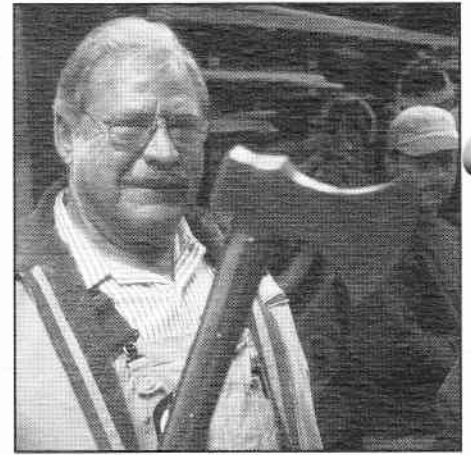
**17** Why settle for a wax candle when you can forge that part too?

## BAM news

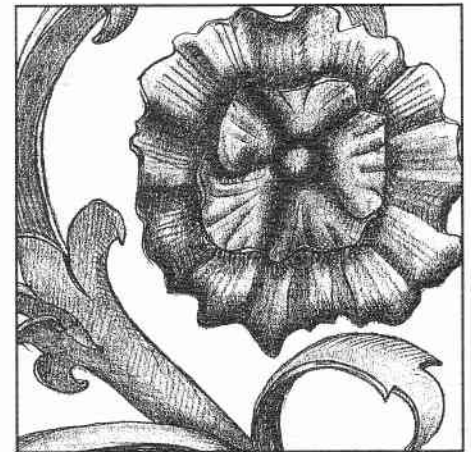
**18** More BAM events to attend, election results and meeting stuff.

## January meeting

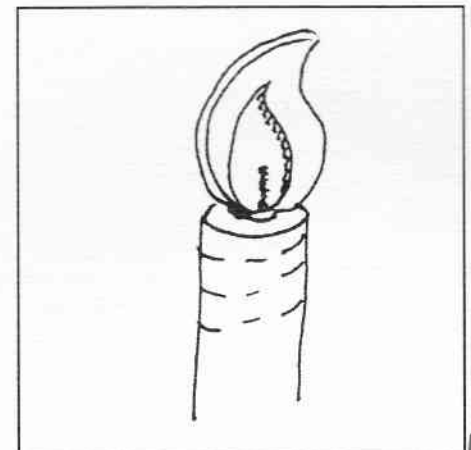
**19** For our first 2001 event we return to BASS Pro's fabrication shop.



Page 8



Page 12



Page 17

**Newsletter of the  
Blacksmiths  
Association  
of Missouri**

*Volume 17 No. 5*

**September–October 2000**

*Our cover: Knifemaker V.J. McCrackin was one of the demonstrators at the November BAM meeting. Photo by Jim McCarty.*

**Editor**

Jim McCarty

**Contributing Editors**

Bob Alexander  
Stephen McGehee  
Walt Hull

**Mailing Labels**

Maurice Ellis

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. Editorial inquiries should be addressed to: Jim McCarty, 5821 Helias Dr., Jefferson City, MO 65101; (573) 395-3304 or you can send e-mail to jimmac@socket.net. BAM membership inquiries should be addressed to: Maurice Ellis, Rt.1 Box 1442, Belgrade, MO 63622, (573) 766-5346 or send e-mail to mbellis@misn.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.

**BAM Membership Application**

Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_  
Phone: (    ) \_\_\_\_\_ Zip: \_\_\_\_\_  
E-mail: \_\_\_\_\_

New Member     Renewal

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.

**ABANA Membership Application**

Primary ABANA Chapter Affiliation: \_\_\_\_\_  
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 mai .....\$60 yr.
- Contributory .....\$100 yr.
- Full time student .....\$35 yr.
- Public library.....\$35 yr.

*See reverse*

# BAM

Send this form in an envelope with your payment to:

BAM,  
c/o Maurice Ellis  
Rt.1 Box 1442  
Belgrade, MO 63622

## Officers:

**President**  
Bob Alexander

**1st Vice President**  
Mike Williamson

**2nd Vice President**  
Don Nichols

**Secretary**  
John Murray

**Treasurer**  
Maurice Ellis

## Website

[www.bamsite.advertisnet.com/home.htm](http://www.bamsite.advertisnet.com/home.htm)

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

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

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

Card Number 

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Exp. Date (Required) 

--

Checks must be in U.S. currency

SEND RENEWAL TO:

**ABANA**

P.O. Box 816 Farmington, Georgia 30638

Dues Distribution:

1 year subscription Anvil's Ring: 68.5 % \$24

Adm. offices & other ABANA projects (Conferences, etc.): 31.5% \$11



# ABANA

## Editor's Anvil

Well, the editor finally got to go to a BAM meeting, my first since Tom Clark had us over last March I think it was. It was sure good to see some familiar faces again and I was surprised to see so many people chose BAM over deer season opening day.

I'm going to guess that most of you got out early and beat the poachers.

I am finally getting some forge time although I didn't get to make a trade item which was a good idea, Medieval weapons. We had quite a discussion at the meeting early on on how to forge a caltrop. If anyone knows how to do this please write an article for the newsletter. From what I hear, this is the only weapon that has been continuously used in just about every war.

Come to think of it, maybe we better forget this skill...

Speaking of weapons, my sons have been buggin me to make them some swords so I finally caved in and did it. At this writing I have them just about complete, might make it in time for Christmas so at some point I'm going to have to finish this newsletter or postpone it again.

My goal is to make these swords so heavy that they can't possibly pick them up and use them on each other but just in case there are no sharp edges, kinda like my pocket knives.

This is the first real work in the shop I've done in some time and I am just a little sore and rusty. I think I'm due for a class at Tom Clark's school just to get my confidence back.

I'm also plugging away at Father Helias' bell stand, made from oak and iron which is a nice combination.

I promise pictures of all this stuff when it's done. So what are you making? Me and a lot of other folks want to see it. Send me some photos, and I will even take e-mail images if you can get some good resolution on your cameras and scanners.

I need jpg or tiff files, 200-300 dpi. If you're going to e-mail them send to [jmccarty@amec.org](mailto:jmccarty@amec.org) or my computer will choke.

A lot of you have been asking what happened to the BAM web site. I

finally got through to the folks at Advertisnet where the site is hosted and they said for some reason all of the html and most of the images were missing from the folders on the server.

Can't imagine how that happened as I sure haven't been updating the site or anything else that would have lost it. But you never know with these con-founded computers. I don't remember anything of this sort happening on my mom's old Black Royal typewriter.

Hopefully by the time you read this I will have the site back on line. At our next meeting we need to talk about buying a domain name for BAM — I suggest bamsite since BAM.org is already taken by the Brooklyn Academy of Music.

I plan a major redesign of the site now that I have some time on my hands with the goal of making it much easier to navigate and update. If anyone has any suggestions for what to do or not do let me know.

I have completed my last issue of *The Anvil's Ring* and while I will miss doing the publication it is a big load off my mind not to have to worry about it. Deadlines are good in some ways but too many of them really gets you down.

So if you are looking for me now I'll be in the shop. I've got a lot of catching up to do.

The new address for *Ring* submissions is PO Box 1810, Georgetown, CA 95634. The phone is (530) 333-2142. Please don't send me any more stuff as I will have to forward it to the new guy and it might get lost — or end up in the BAM newsletter instead of the *Ring*!! Now there's an idea.

I'm sorry to say I will be pretty hard to get ahold of in the coming months. I am still pretty much homeless having given up my house (but not my shop) to my

lovely wife while we try to work things out. I am staying with my brother Brian in Wardsville, Mo. but would just as well you didn't call me there.

Best way to reach me is via e-mail at [jimmac@socket.net](mailto:jimmac@socket.net). I have a new address, temporary I hope. It is PO Box 104718, Jefferson City, MO 65110-4718. I got a big one so you can send me lots of stuff for the newsletter — hint hint.

I know it's only December but Bob Alexander is already looking for input on our 2001 conference. We kicked some ideas around but Bob needs a lot more and wants many people to have input on this one. Give him a holler if you have any constructive criticisms or new ideas on demonstrators and the like.

See you in Springfield Jan. 20 — I hope.

— Jim McCarty



Don't think I ever ran a photo of my new mailbox in the newsletter so here it is. Base is a tractor wheel, box is 3/8 thick walled pipe, support 4 pieces of 5/8 inch round welded together. I made weeds to go around the base.

## Dear BAM

I spoke up at the last meeting on the subject of the trade item, and I'm afraid I might have been a little short, so, in case I made anyone mad, or gave the impression that I was mad at anyone, let me tell you how I really feel.

Apparently there was some feeling at the meeting that the trade isn't always equitable. Sometimes you work really hard and make something really beautiful and no one else puts in anything nearly as nice, so you feel like you got the short end. I'm not sure who voiced this opinion, as I was sitting at the back of the room, but I got the gist of it. And the fact is, this happens sometimes.

I've told this story before, but I'm going to tell it again. The very first BAM meeting I went to was at Bob Patrick's old shop in Bethel, I think in 1986, but I'm not sure. I went up there with Steve Austin, in his old black Dodge pickup, and stayed with Grady and Clarissa up at the commune, and we about froze to death. I didn't quite know what I was getting into, and I wasn't sure if I wanted to hang with these guys or not. Steve had already told me they were all crazy, and I figured they were all way better than me, too. One of the things that made up my mind was the trade item.

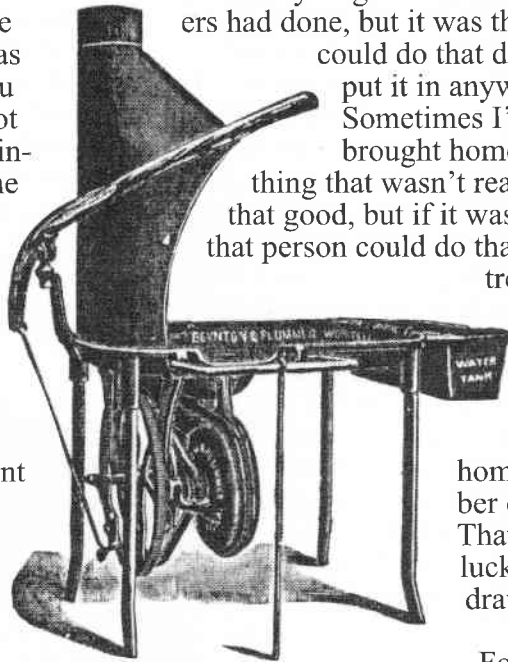
I didn't make one, of course. It was my first meeting and I didn't even know there was going to be a trade. The item was a horseshoe. I don't remember most of them, but I do remember two, or, strictly speaking, three. Jerry Hoffman made two shoes, both beautiful bar shoes, one large and one small. I

was overawed. And Doug Hendrickson made a small shoe and arcwelded high heels on it and painted it black with yellow polka-dots, and I thought, if this group can show that kind of quality and humor at the same time, I can hang with 'em.

Ever since I've done the trade whenever I could. Lots of times I've done something that was not nearly as good as what the others had done, but it was the best I could do that day, and I put it in anyway.

Sometimes I've brought home something that wasn't really all that good, but if it was the best that person could do that day, I

treasure it anyway. I have also brought home a number of prizes. That's the luck of the draw.



For me, just for me, to help me get the good out of the exercise, I've made myself some rules: First, I really try to do the trade. Lately it's happened that I've been up against the wall on deadline and just barely able to get to the meeting, and I haven't got the trade item made. I regret these times.

Second, I try to try something different, to take a chance, to try something I might not be able to afford to try if I was working for a customer. Sometimes it works, and sometimes it doesn't. I put it in anyway.

Third, I try to do it all blacksmithy, without arc welds and grinding, etc. This is not because I

don't "believe" in modern techniques. I own three welding machines, and I use them. It's just that I've been arc welding for thirty years and I don't feel that I need the practice. I try to do the things I need to learn.

Finally, I try to make the best thing on the table. I'm not sure I've ever done it, but it gives me something to shoot for. Actually, what I like best is to think I've made the best thing, and then see that someone else has made something even better. It keeps us all stretching.

I think the trade item is one of the best things we do. I still have the first item I ever got, and I remember where I got it and who made it (though I can no longer recall his last name). I still look at it now and again, and when I look at it or any other I get a look into another smith's mind and find a slightly different way of looking at iron. It will always be one of our best things if we can approach it in a spirit of generosity and adventure.

Sincerely,

Walt Hull

P.S. Five of the people present at that meeting in Bethel were also at Pat's meeting this November: Don Asbee, Doug Hendrickson, Jerry Hoffman, Walt Hull, and John Murray. If I've missed anyone, I'd like to know.

## Bob's Business

Someone years ago told me that as you get older the years go by quickly, but I couldn't see how that could be, boy was I wrong.

It seems that we just finished Christmas and here we go again. For me as probably most of you this season brings extra work with Christmas orders. Where are those elves when you need them?

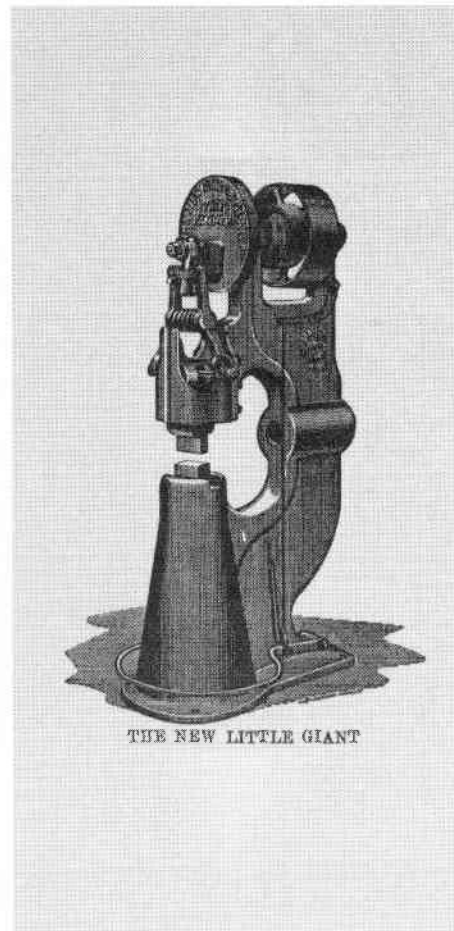
In November for those who may have missed out we had a terrific meeting at Pat McCarty's shop. The weather was fair, the shop was as clean as mine, there was lots of people, more than enough Hot Chicken and fixen's for lunch and some great forging going on. Tom Clark worked at making some custom hardie tools for Pat's anvil while John Murray forged and cased hardened an arrow point, then glued it to his arrow, and using his hand-made long bow, shot and pierced a piece of plate steel. On the other side of the shop V.J. McCracken forged a Medieval weapon.

I really hate to make waves, but sometimes if nothing is said then

problems cannot be solved. (Here's Bob's soapbox again) Sometimes a lot of our members only get to visit with each other at our meetings, some of the rest of the members are trying to listen and learn from the demonstrators. When a few people are talking it may be overlooked but in a shop with 75 or so people and half or more are visiting this just doesn't work. Some demonstrators take their work seriously and prepare ahead only to have their presentation disrupted by the excessive noise. Now if it were possible for those demonstrating and those wanting to watch and learn to move to another spot so that the one wanting to visit could do so without disturbing, I'm sure they would. Please let's do our visiting in a manner to alleviate this problem.

Looking forward to seeing you at the next meeting at Bass Pro Shops. Hope you all have a wonderful holiday.  
Keep on Hammering

— Bob Alexander



## Got coal?

If you would like to buy coal from IBAM, please contact Bob Alexander. He can sometimes bring it to the meetings, saving you a trip or can arrange to be on hand when you come calling. Bob may be con-

tacted by writing to him at 14009 Hardin Road, DeSoto, MO 63020-5586, or by phoning him at his shop at (636) 586-5350. Coal is \$7 per 50# bag to BAM members. Bob says there is plenty left.

# BAM

## NOVEMBER MEETING

*Right: John Murray forges an arrowhead during his demo at the November meeting. Below: Joe Wilkinson showed up with this nice axe, probably not for chopping firewood.*



by Jim McCarty

There's nothing like hosting a meeting to get a major building addition completed. Pat and his three sons got busy this fall and built an addition on his barn shop that nearly

doubled his square footage. Good thing too as BAM members turned out in droves on the opening day of deer season for the event.

With the additional space Pat was able to put three forges into action. He had V.J. McCrackin at the gas forge demonstrating his trade item, which we are all convinced was a device for skinning whales. (There being no whales nearby, we had to just guess.) V.J. got some capable help from human power hammer Bob Stormer before he discovered Pat has a 50-pound Little Giant right behind him.

While V.J. and Bob whaled away Tom Clark had his own show going on Pat's traditional brick forge. With some major striking from Ruben Funk (Tom also didn't see the Little Giant), Tom made a pair of bending forks that fit nicely in Pat's Hay-Budden anvil.

Meanwhile, John Murray demonstrated

at the BAM forge (I dunno folks, it looked pretty permanently mounted to me). First John forged a Medieval arrow point in keeping with the trade item for this meeting (Medieval weapons). Then he fitted it to an arrow shaft, bent his traditional long bow and fired the arrow through a steel plate – a most unusual demo!

Pat's wife, Mary Jo, had a huge feed prepared by the Colonel and most of us didn't have much energy left when lunch was over. The usual lie swapping, iron trading and a generous iron in the hat took us up to business meeting time.

About 100 people attended this one, not a bad turnout at all. There was an excellent showing in the iron in the hat and trade item, although we were all a little puzzled at Randy Barringhouse's Medieval flower. We think Randy is getting a little soft on us, but he's sure doing nice work. Joe Wilkinson's war axe left little doubt as to its purpose, however.

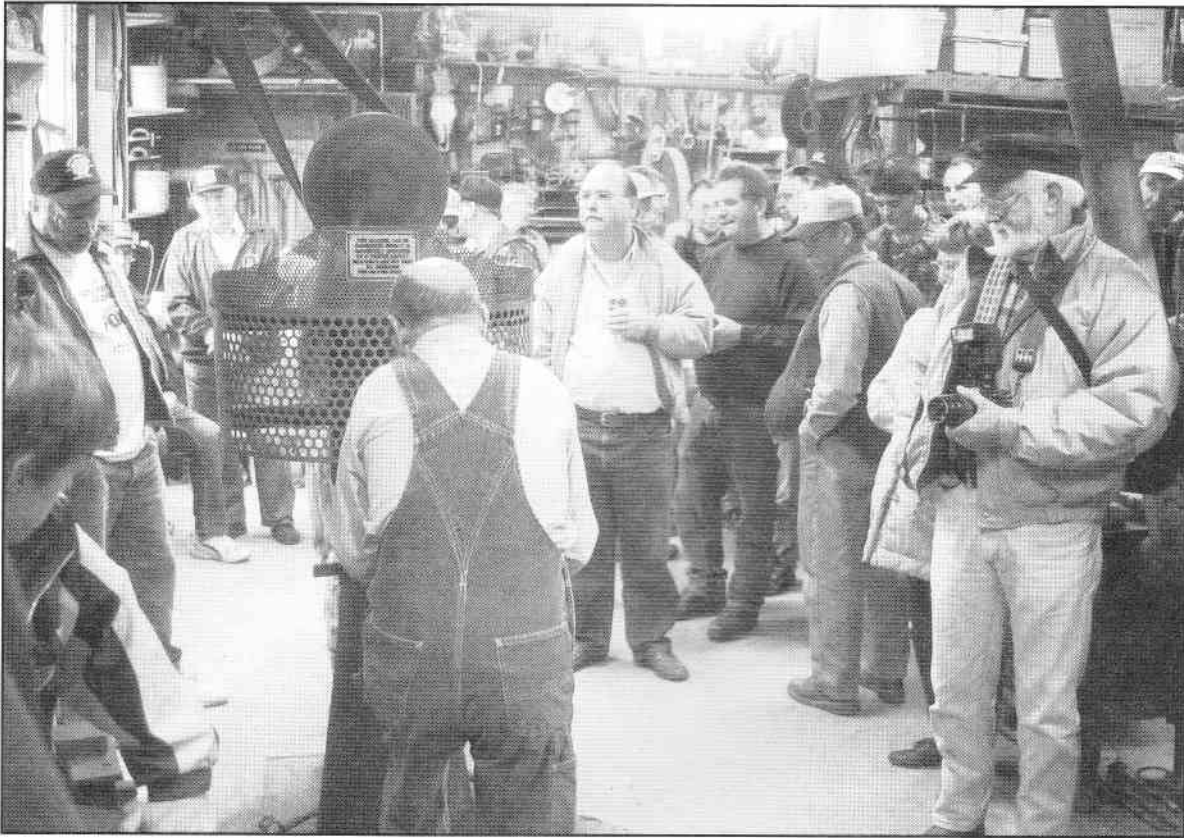
I think some more hammering went on in the afternoon but the latest family crisis took me away. Thanks to Pat and MJ for their hospitality, and to Jon, Jeremy and Jonah for getting the floor poured and the walls closed in. Dad's getting old, you know...

### Minutes

- Thanks to Pat and Mary Jo for hosting us in Pat's newly expanded shop.







*Left: Tom Clark found an unguarded forge and made a nice hardy bending fork.*

- Bob spoke on a request from the Michigan Artist Blacksmiths Association to trade T-Shirts and Newsletters. Motion made to trade with them, with a letter to be sent to make sure we get our stuff.

- ABANA has threatened big trouble for anyone shooting an anvil at a meeting.

- Bruce Herzog spoke on the gas forge workshop this coming February or March. The planned forge will be bigger and better with an atmospheric burner set up. Bruce will send letters when cost is determined. Sounds good. Check with Bruce for more information.

- Maurice spoke on BAM's coal supply. It is now paid for.

- Bob and Maurice spoke on the purchase of a second trailer to haul BAM forges and stuff around. Motion made and passed to buy a second trailer, just like the first one (except possibly painted with polka dots.)

- Bob called for suggestions for

demonstrators for BAM's 2001 Conference. Bob has a list of possibilities and is looking for more. We have to get this underway soon to get info published.

- Don Nichols suggested a project to incorporate rosettes made by all interested parties in a grille to be auctioned at BAM 2001 Conference. More to come on this.

- Maurice mentioned a motel that will have a BAM discount during the 2001 Conference. More to come.

- Peggy Williamson spoke on the state fair, Aug. 9-19, 2001.

- Joe Wilkinson spoke on some ideas for our trade item program. Motion made and sec-

onded to consider this and discuss again at the next meeting.

- Kirk Sullens spoke on the next meeting, at Bass Pro's Iron shop. Kirk promises a warm shop and good demos (Trade item is a drawer pull).

Motion to adjourn made and passed.

*Respectfully submitted,  
John Murray, secretary*



*Roy Warden, left, and Pat McCarty talk knives during the meeting. Roy's always got a new knife with him.*



# ABANA

## ABANA Chapter Liaison Letter November 2000

The ABANA Board elections have come and gone, and three new members have been selected by the membership for service to ABANA and the international blacksmithing community. Please welcome Bob Fredell, Jerry Kagele and Dan Nauman to the ABANA Board. On behalf of the ABANA Board I would like to thank the outgoing members Bob Bergman, Joe Harris, and Elmer Roush for their service over the past years, and I know each will continue to serve ABANA and blacksmithing in the future. We also congratulate Scott Lankton and Dorothy Stiegler on their re-election to the Board. On behalf of ABANA, thanks to all those who ran for positions and we welcome your gesture of service and hope to call upon your generosity to serve ABANA in the future.

One of the most frequent questions that I get from chapters concerns liability insurance. I would like to poll the chapters to see what each one is doing for insurance. Please send me information on your insurance including the company, coverage, price basis (per event, per person, blanket, and riders for special events) and any other information, including the effort that went into finding coverage and any wisdom on the process to share with others. I do not need the cost of your coverage. I will put this together in a package to be shared with chapters.

The Appalachian Area Chapter will raffle a complete blacksmith shop, (no building), for the May 2001 Southeast Regional Blacksmith Conference to be held in Madison, Georgia. Only 1200 tickets will be sold, so get yours now!

The tickets are \$5.00 each or 6 for \$25.00. If all sell soon enough the drawing will be held in December. You need not be present to win, just make shipping arrangements. The shop includes a gas forge, a coal forge; complete with fire-pot and draft hood, anvil, tool rack, hammers, post vise, post drill, and other tools too numerous to list. HURRY!!

Please mail those checks to:  
Dennis McAdams  
1709 Ichabod Lane  
Chattanooga, TN 37405  
e-mail questions: [mcadamsd@mind-spring.com](mailto:mcadamsd@mind-spring.com)

As the transition continues for editor of *The Anvil's Ring* from Jim McCarty to Rob Edwards, and the printing of both *The Anvil's Ring* and *Hammer's Blow* from Biltmore Press to Sebastian Publishing, we wanted to keep you posted on the address changes. Below is the address and web site for Rob's company that has been created exclusively for the ABANA magazines. The web site is under construction and the e-mail is not activated as of this writing, but will all be up and running soon.

The Anvil's Ring, Sebastian Publishing, P.O. Box 1849, 2770 Sour-dough Flat, Georgetown, CA 95634  
Phone: 530/333-2687  
Fax: 530/333-2689  
Web site:  
[www.sebastianpublishing.com](http://www.sebastianpublishing.com)  
e-mail:  
[thering@sebastianpublishing.com](mailto:thering@sebastianpublishing.com)

Jerry Hansen of Spring Creek, Nevada has been awarded an ABANA scholarship to study with Geronimo Bayard. The Blacksmith Organization of Arkansas was awarded a chapter scholarship to support their fall con-

ference on the first weekend of November. BOA lost their funding for their conference at the last minute and ABANA stepped in quickly with scholarship support, ensuring that the conference did not suffer because of this unfortunate event.

In closing, I include an excerpt from the opening speech that Dorothy Stiegler made at the 2000 ABANA conference. Wise and deep words, reflecting the philosophy and works of the great men we honored that day, and continue to do so every time we do or think something that these men, and the other positive influences in our lives, have influenced and made our lives better. We all should rise to the challenge and influence others in the same way.

"The future is today and the call is for us to do it anyway at this time. We are successful not by the measure of our bank accounts, but by the lives we have touched in a positive way. The challenge is there through the examples of these men we honor here today; Francis Whitaker, Carl VanArnam, Emmert Studebaker, Chris Ray, Paul Hubler, Bill Peih and Johann Jausner. They have paved the way for us to get this far and our obligation is to provide a world that not only our children can survive in, but our children's children for at least seven generations into the future. Move forward into your own history and take them with you, imparting not only their great example but adding your own enthusiasm and zeal for life to this picture."

Doug Learn  
ABANA Chapter Liaison  
121 Pebble Woods Drive  
Doylestown, PA 18901-2907  
(215) 489-1742

# BAM

## Bulletin Board

Smithin' Magicians — as featured in the *Blacksmith's Journal*. Includes mild steel tool blank, \$275. Call Bob Woodard at (618) 692-6508.

Joe Brinkmann is looking for a forge blower, hand crank style. Contact him at (314) 645-2116 or e-mail to [lisanjoe@peoplepc.com](mailto:lisanjoe@peoplepc.com).

For sale: Throatless sheer, probably 16 gauge, motor missing, \$100. W. Tim Griggs, Stewartsville, MO, (816) 424-3301.

Nice 150-pound anvil for sale: "Black Jack Solid Wrought" brand. This anvil is wrought iron, not cast, and is stamped Pilchur and St. Louis USA. It has just a few dings on the edges and is otherwise ready to work. \$350. Jim McCarty, (573) 659-3421 days or e-mail to [jimmac@socket.net](mailto:jimmac@socket.net). I also have a 125-pound Peter Wright (\$200) and a 150-pound Peter Wright (\$250), both have some face damage but can be used as is or repaired.

Ray Chaffin has a new computer operated plasma cutting system that can cut anything out of metal that can be programed into the machine such as horses, birds, flowers, leaves, signs or your design. Your design or his, just 15 cents a cut inch — 14 gauge or thinner metal, 11 gauge or heavier 15 cents an inch plus cost of the 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. Smaller sizes are \$2.50 each in walnut and other woods. Contact Ray Chaffin, (660) 438-6720 or e-mail to [ray's@dam.net](mailto:ray's@dam.net) or send designs to Ray's Welding, RR 3, Box 279, Warsaw, MO 65355.

Heavy duty frying pan blanks: Steel, approximately 9 inch in diameter with 2 inch sides. 12 gauge 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 \$2.50 plus \$.50 for each pan. Contact: Bob Tuftee, 3855 Aspen Hills Dr., Bettendorf, IA 52722.

If you don't already subscribe to Jerry Hoffmann's *Blacksmith's Journal* consider doing so. The *Journal* is published monthly and a one-year subscription totals about 190 pages. There are over 1,200 pages already published and back issues are also available. If you haven't seen it, call or write for a free sample. Cost is \$32 per year. Call 1-800-944-6134 for credit card orders or write to: *Blacksmith's Journal*, PO Box 193, Washington, MO 63090.

FOR SALE: Custom-built air hammers. 6# table top model \$1200; 20# table top model \$1800; 20# floor model \$2100; 40# floor model \$2500. 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, Rt. 1, Box 1442, Belgrade, MO 63622-9709. Phone: 573-766-5346. e-mail: [mbellis@misn.com](mailto:mbellis@misn.com).

BAM members, time is money. I have a CNC plasma cutting system in my shop in Columbia and will offer my services to BAM members at a 10 percent discount. I will cut anything you desire. Flowers, leaves, custom designs. CNC plasma cuts parts fast. From art to parts I do it all. Call (573) 474-8749 and ask for William Irvin for more details.

Kayne and Son Custom Hardware, 100 Daniel Ridge Road, Candler, NC 28715. (828) 667-8868 fax (828) 665-8303, email: [kaynehdwe@ioa.com](mailto:kaynehdwe@ioa.com), website: [www.kayneandson.com](http://www.kayneandson.com). Offering Big Blue 100 ram air hammers, Peddinghaus 2 horn anvils, Offcenter tongs and swages, etc, hammers, tongs and more. We ship and accept Visa and Mastercard. Steve Kayne, 100 Daniel Ridge Road, Candler, NC 28715. (704) 667-8868 or 665-1988 or fax (704) 665-8303 or e-mail: [kaynehdwe@ioa.com](mailto:kaynehdwe@ioa.com). Check out the web site at [www.kayneandson.com](http://www.kayneandson.com).

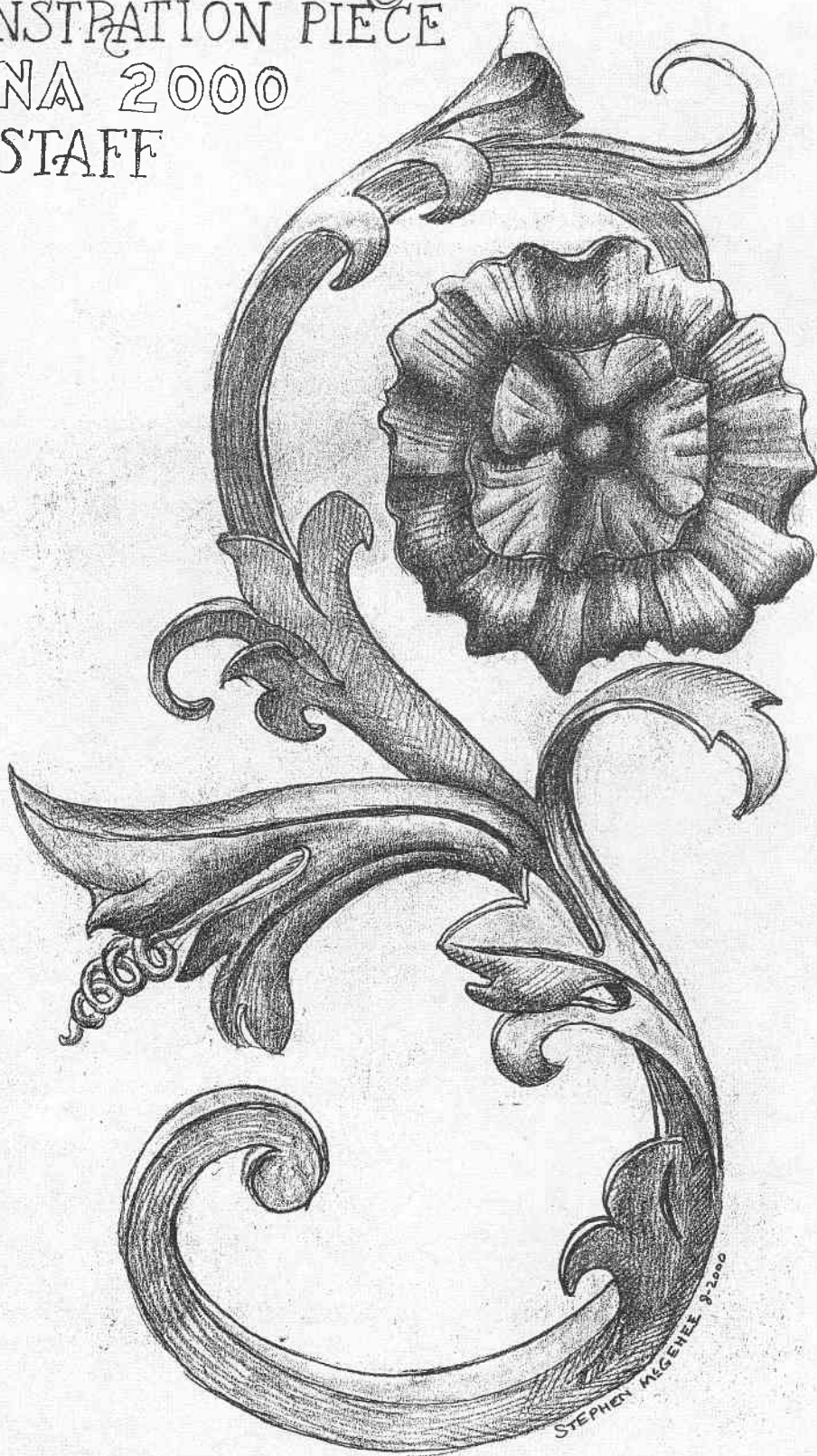
Tom Clark has expanded his line of hand forged Hofi style hammers to include a nice rounding hammer and punches, drifts, tongs etc. He's also importing a new line of air hammer, the Sayha from Turkey and just got a shipment of punches, shears and gas forges. For more info on the tools and his Ozark School of Blacksmithing contact him at (573) 438-4725. His 2001 schedule includes classes taught by Uri Hofi, Bill Bastos, Bob Patrick and Jerry Darnell.

Power hammer history! *Pounding out the Profits — A Century of American Invention* by Douglas Freund (hardbound, 317 pages, profusely illustrated) is available for \$32.50 plus \$4.50 shipping and handling through Minus Mountain Machine Works, PO Box 532, Jerome, AZ 86331.

For blacksmithing books contact Norm Larson, 5426 E. Hwy. 246, Lompoc, CA 93436 or call (805) 735-2095. Ask for his catalog — he offers hundreds of books on blacksmithing and related topics and is a real nice guy too.

George Dixon is offering a new line of tools called "The Old Philadelphia Tool Co." He offers a brochure if you send him a stamped, self-addressed envelope to: The Old Philadelphia Tool Co., 1229 Bee Tree Lake Road, Swannanoa, NC 28778. He is also starting a new blacksmithing publication called "The Traditional Metal-smith". For \$28 you will get four issues of how-to information.

CHAD GUNTER  
DEMONSTRATION PIECE  
ABANA 2000  
FLAGSTAFF

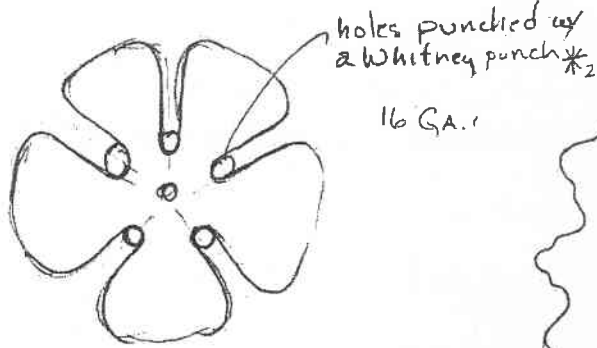
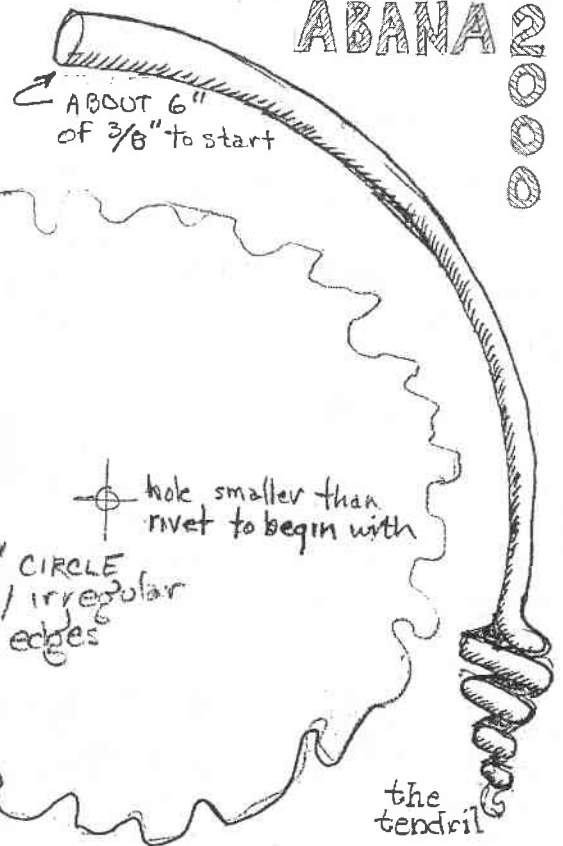


# CHAD GUNTER

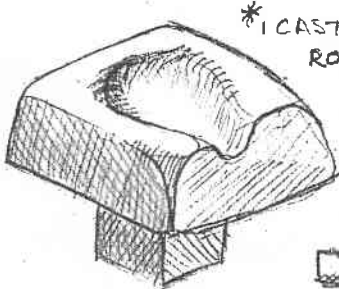
ABANA 2



NOTES & ILLUSTRATIONS by Stephen McGehee  
501-643-3299



Peening on each petal:  
start in the center  
he used a cross peene w/  $\frac{1}{4}$ " radius  
you can change the whole look by changing hammers. [edge radius]

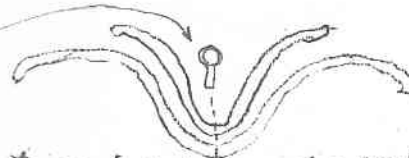


\* CAST IRON ROSE PETAL SWAGE

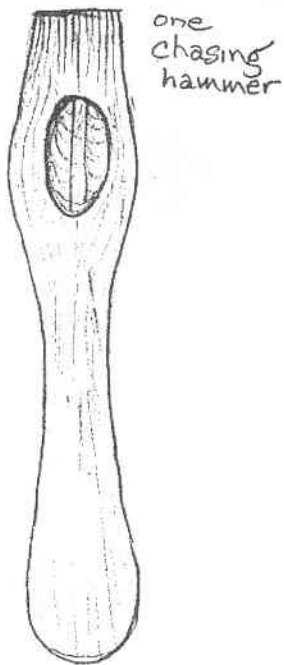


RIVET

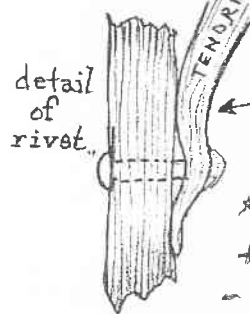
\* A quick dip into water will loosen the scale to where you can get it off  
Wire brush often



\* set together w/ a set tool to save trouble later.



one chasing hammer



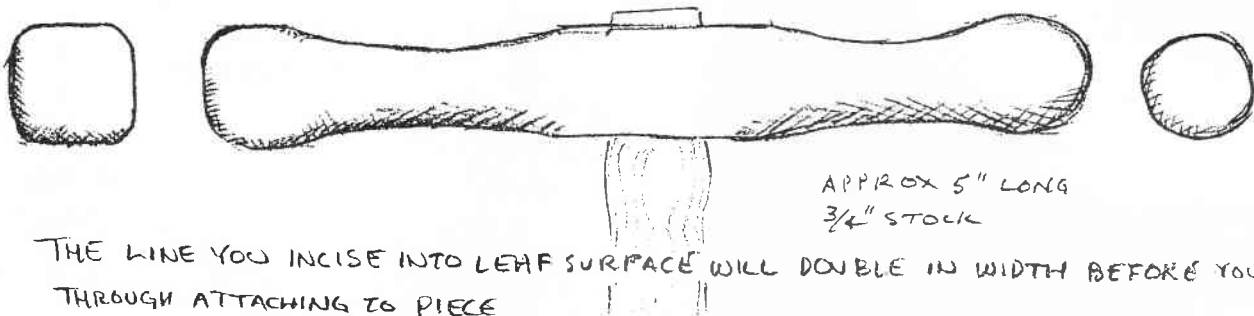
- \* beeswax as a lubricant on drills & other elements
- \* leaves are attached to body of piece w/ a # 30 rivet before welding
- \* clean up & straighten up as you go.
- \* wirebrush & use tip of a file to scrape in narrow places
- \* leave a tiny window into the fire to see the surface of the joint

# CHAD GUNTER

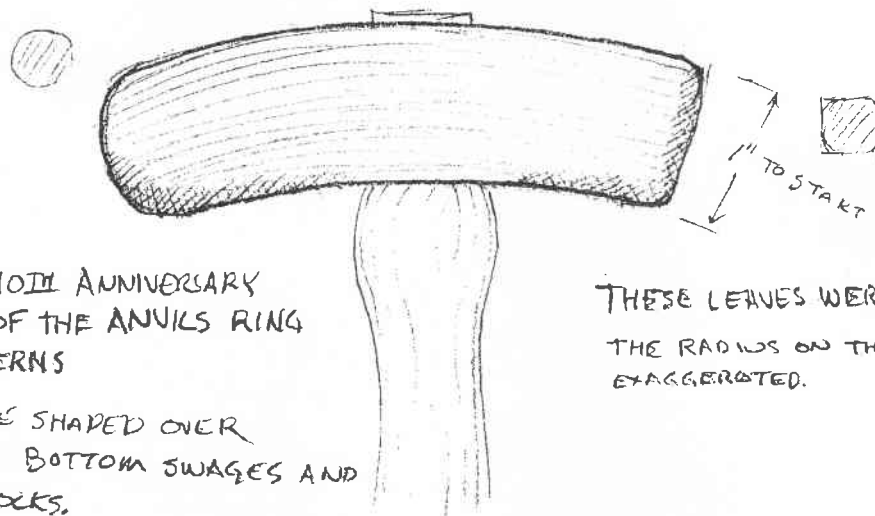
Flux is  $\frac{1}{3}$  SureWeld,  $\frac{1}{3}$  EZWELD,  $\frac{1}{3}$  BORAX

PLASMA CUTTER TO CUT OUT LEAF SHAPES BUT YOU MUST ANNEAL BEFORE FURTHER WORK TO SOFTEN EDGES. HE CHISELS, HACKSAW & FILES FOR SHORT RUNS

## SINKING HAMMERS



THE LINE YOU INCISE INTO LEAF SURFACE WILL DOUBLE IN WIDTH BEFORE YOU ARE THROUGH ATTACHING TO PIECE



THESE LEAVES WERE OF  $\frac{1}{8}$ " STOCK  
THE RADII ON THIS HAMMER IS EXAGGERATED.

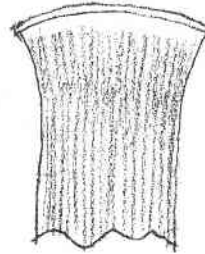
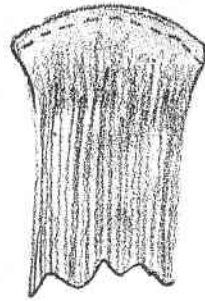
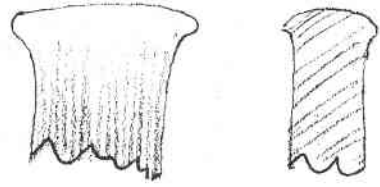
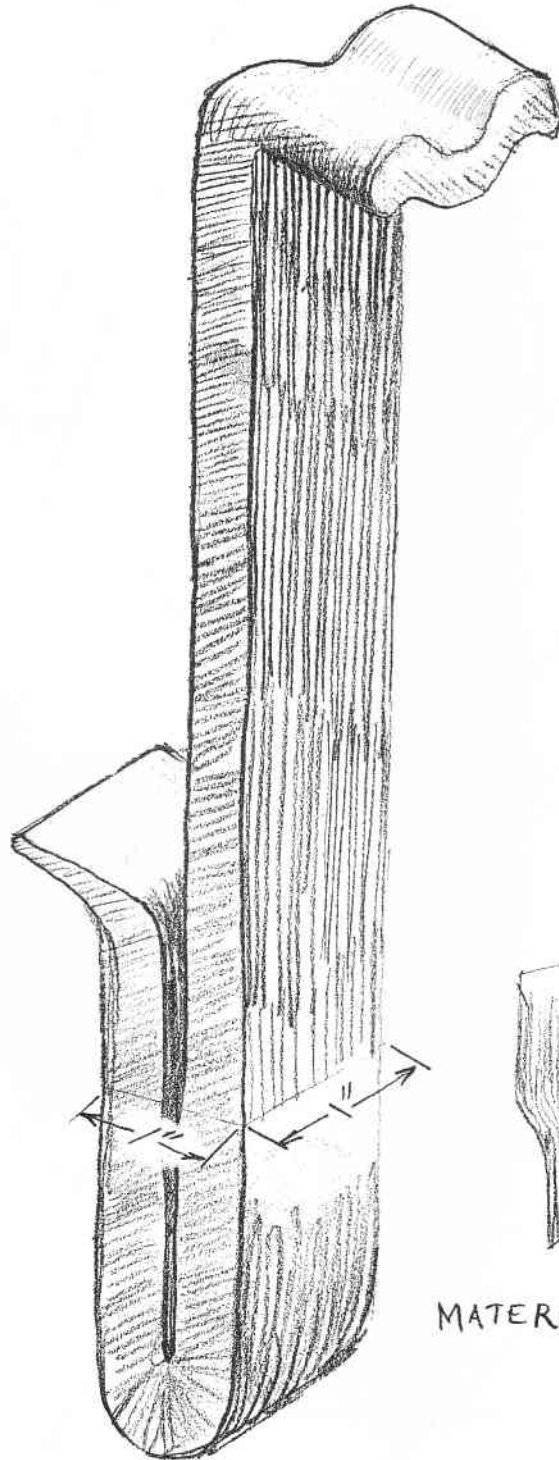
- \* GET THE 10TH ANNIVERSARY EDITION OF THE ANVILS RING FOR PATTERNS
- \* LEAVES ARE SHAPED OVER STANDARD BOTTOM SWAGES AND MAPLE BLOCKS.  
CORRECT CURVES W/ WOODEN MALLET
- \* REMEMBER THAT IF YOU QUENCH YOUR PIECES IT MAKES DRILLING MORE DIFFICULT

\* ROSE PETAL SWEDGE CAST BY  
R. POLING (614) 653-9199  
N. WENDELL (614) 654-2040

\*  $\frac{1}{2}$  MFD. BY ROPER WHITNEY  
 $\frac{1}{4}$  W.A. WHITNEY  
"The Whitney Jr. Punch"  
AVAILABCE FROM TINNERS SUPPLY CO'S.

THESE NOTES WERE MADE DURING ONE OF TWO-THREE HOUR DEMOS AND ONLY SHOW SOME OF THE EXCELLENT TOOLS USED.

# CHAD GUNTER'S STAKES



MATERIAL: 1/2" X 1" CARBON STEEL

PATTERNS BY  
CHAD GUNTER  
JULY 2000  
FLAGSTAFF





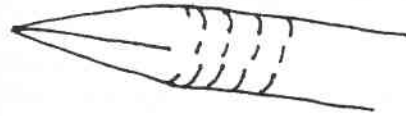
# An Iron Candle with Flame from a Brad Silberburg Demonstration

Mike George notes and drawings

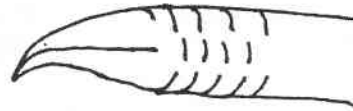
1. An appropriately sized stamp punch is required to make the inner flame and wick.



2. Draw short square taper on round stock.



3. Make little hook on diamond.



4. Cut bulb almost off. Cut should be square on stock side and tapered on bulb side.



5. Smash bulb on diamond.



6. Stamp in inner flame and wick.



7. Give flame a little artistic twist. Cut off candle at appropriate length.

# BAM NEWS

## Hammer-ins planned

Lou Mueller is planning a couple more workshops to be held at his shop in Fenton, the scene of several previous BAM events.

The first will be a free event, while the second, featuring George Dixon, will have a small charge with the proceeds going to fund the teaching station trailer Lou has been working on. February 3 is the date for the first event, time is 9 am to 4 pm. Lou himself will be the demonstrator and he will show us how to make a three-dimensional rooster using techniques he learned from Roger Boeckstale. Among the items to be covered are making the armature, feathers, talons and other tips and tricks from Roger. The George Dixon event is still being planned but we'll let you know the details later. For directions or more info contact Lou at (636) 343-4223.

## Gas forge workshop

BAM's long-awaited gas forge building workshop Round II is closer to being a reality. Bruce Herzog announced at the November meeting that a February or March date is being considered. While Bruce already has a long list of those planning to attend, he says to get your name to him if you are interested. It sounds like the large interest in this workshop is going to bring about pretty good quantity discounted prices. Call Bruce for more information: 314-892-4690.

## E-mail change for Maurice

BAM's treasurer and official keeper of the mailing list Maurice Ellis let

me know that he has a new e-mail address: mbellis@misn.com. Maurice says the company he subscribed to was bought out by another company and that forced the change to the last half of the address. E-mail is a good way to let Maurice know when your address changes. This will help speed the news to your door.

## New officers

BAM elected new officers at the July meeting but the results never made it in the newsletter for some reason. The slate remained unchanged with the exception of newcomer Don Nichols who is the new second vice president. Thanks to the officers for agreeing to serve us and to the others who ran but didn't get elected. BAM's officials are as follows:  
President-Bob Alexander  
1st Vice-President-Mike Williamson  
2nd Vice-President-Don Nichols  
Secretary-John Murray  
Treasurer-Maurice Ellis

## Meeting details

### Trade items were made by:

Daniel Ehrenberger, Ed Harper, Bob Ehrenberger, Tom Hansen, Don Nichols, John Murray, Bob Stormer, Dave Shepard, Maurice Ellis, V.J. McCrackin and Pat McCarty.

### Iron in the hat:

Don Nichols nippers went to Bob Stormer  
Leonard Doovaok's handle went to Ralph Macey  
VJ's demo piece went to Ralph Macey  
Pat McCarty hinges went to Ralph Macey  
Tony Smith swivels went to Scott Stager  
BAM coffee mug from John Sherwood went to Mike Williamson  
Fred Weisenborn naked Italians (wow) went to John Wilding  
Doug Hendrickson mask went to David Bulk  
Brass brush from Bob Alexander went to George Robb III  
Wall chart from Joe Wilkinson went to Bob Ehrenberger  
Coveted John Murray hammer went to Don Birdsall

Star hook from John Wilding went to Kent Harbit  
Ray Carpenter kevlar gloves went to Bob Stormer  
Black powder rifle donated by Maurice Ellis went to Willard Mueller  
Bob Patrick dragon head donated by Bob Ehrenberger went to Pat McCarty  
Randy Berringhaus flower went to Peggy Williamson  
Steel spun blank from Maurice Ellis went to Dave ??  
Daniel Ehrenberger knife went to Eddie Linn  
Brass spun blank from Maurice Ellis went to Ralph Macey  
Steel shaft from Don Birdsall went to Peggy Williamson  
Tong clips from Tom Clark went to John Wilding  
Cast bronze anvil from Bob Alexander went to Don Nichols  
Wall chart from Bruce Herzog went to John Wilding  
Blacksmiths Journal video from Jerry Hoffmann went to Ralph Macey  
Carbon steel donated by John Wilding went to Bob Stormer  
Mystery prize donated by Cliff Gillam went to Jon McCarty

## Grasshopper plans available

Some of you may be aware of the Grasshopper Treadle Hammer prototype. That prototype is now complete to my satisfaction, and I am releasing plans. I should point out that this is not a commercial enterprise in the usual sense. I have priced the plans to more than cover costs, but their price certainly won't cover the costs in time and materials for building the prototype. The plans are copyrighted so that anyone who gets them from me will get the version with all the updates, errata corrections, etc.

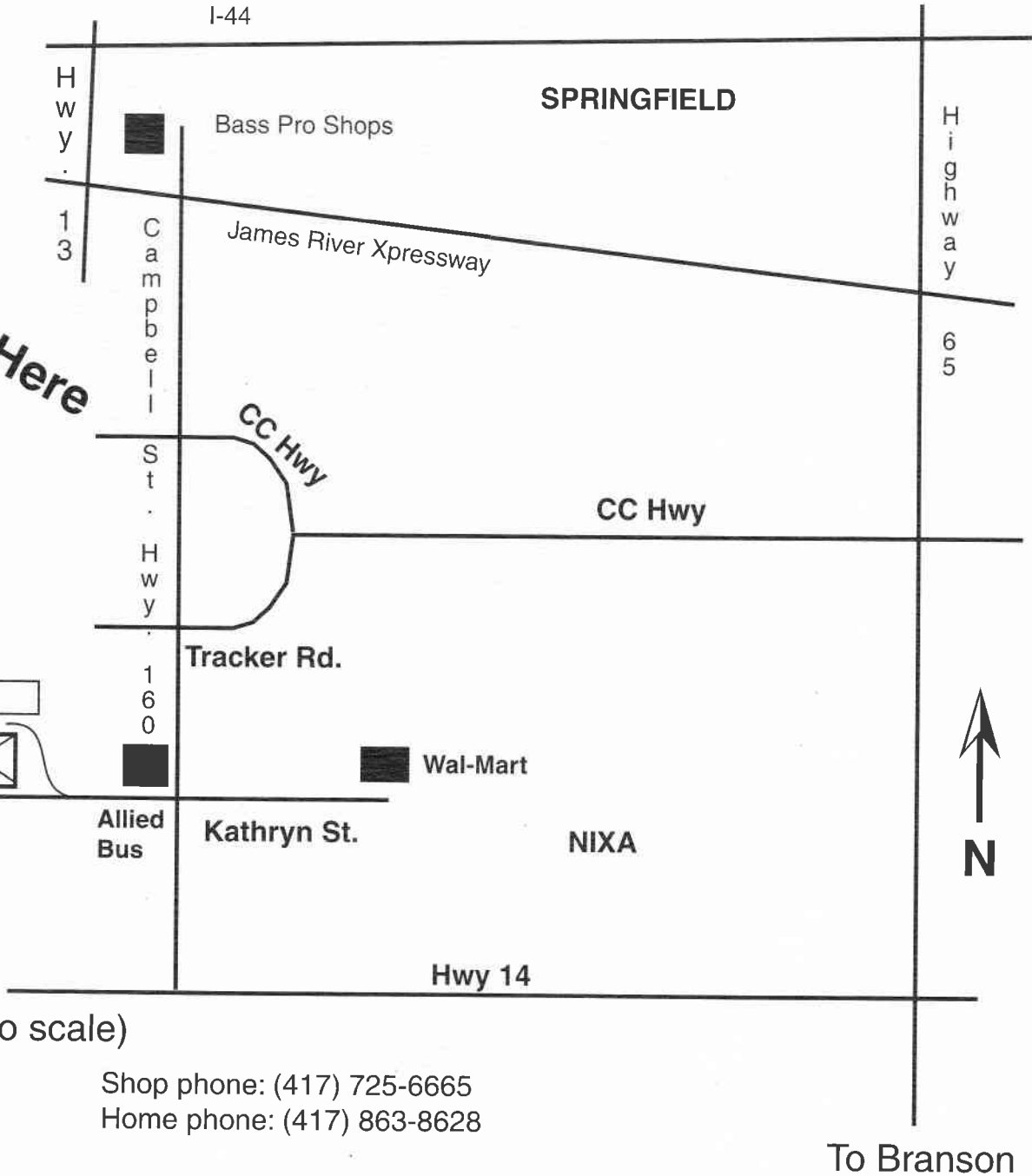
The plans consist of over 130 pages of information, including 100 drawings, plus a color illustration of the hammer, all in a 3-ring loose-leaf binder. More information is available at my website: [www.monmouth.com/~freeman/bmf/grashopr.htm](http://www.monmouth.com/~freeman/bmf/grashopr.htm).

You may purchase the plans by sending me a check for \$25: Bruce Freeman, 222 Laurel Place, Neptune, NJ 07753.

# Next Meeting: Bass Pro Shops, Nixa, Mo. January 20

Trade item:  
drawer pull

**Aim Here**



(Not to scale)

Shop phone: (417) 725-6665  
Home phone: (417) 863-8628

To Branson



## 2001 Schedule

### January 2001 Meeting

BASS Pro Shop  
Nixa, MO  
Jan. 20

Trade item: Drawer pull

### March 2001 Meeting

Maurice Ellis  
Belgrade, MO  
March 24

Trade item: Scroll

### May Meeting

Don Nichols  
Sedalia, MO  
May 19

Trade item: To be announced



V.J. McCrackin gets some help from human power hammer Bob Stormer as he draws out the whale skinner he forged for the November BAM meeting.

**BAM**  
**Rt.1 Box 1442**  
**Belgrade, MO 63622**

First Class  
US Postage  
**PAID**  
Washington, MO  
Permit No. 343

### **Address Service Requested**

Please send changes to Maurice Ellis, Rt. 1, Box 1442, Belgrade, MO 63622; [mbellis@misn.com](mailto:mbellis@misn.com)