

RAM

INSIDE

November-December 2001

<i>November meeting.....</i>	<i>8</i>
<i>Soosen demo</i>	<i>14</i>
<i>Ron Howard tidbits</i>	<i>18</i>
<i>Eagle opener.....</i>	<i>21</i>
<i>Next meeting.....</i>	<i>23</i>



Contents

Editor's anvil

5The editor tells about a recent BAM workshop you should have been at.

Swage blocks

6The Salt Fork Craftsmen have started pouring swage blocks and offer them for sale.

Joe's jive

7Our president speaks on the latest BAM meeting and other events coming up.

November meeting

8John Murray was the host and the lead demonstrator for the November meeting.

ABANA news

10A preview of the next ABANA conference shows a foreign agenda.

Bulletin board

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

Paper holder

12Make a toilet paper and other commodities holder for your house.

Soosen demo

14Susan Hutchison did this music stand demo at the Tannehill Conference.

Ron Howard tidbits

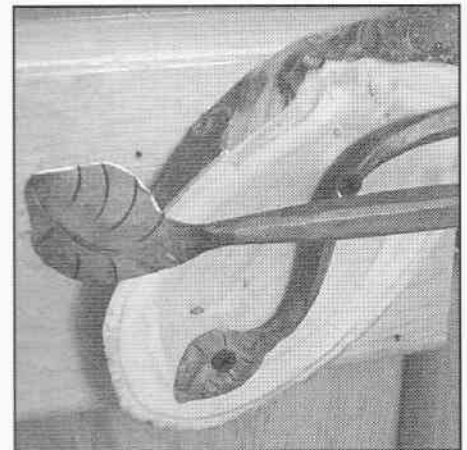
19More demos from Tannehill, this time from Ron Howard.

January meeting

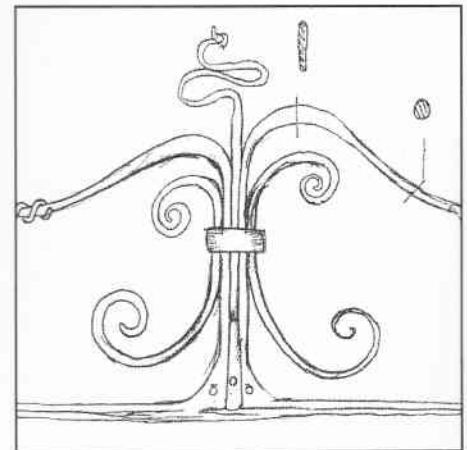
23Ring in the new year by attending BAM's January meeting in Salisbury, Mo.



Page 8



Page 12



Page 14

Newsletter of the Blacksmiths Association of Missouri

Volume 18 No. 6

**November — December
2001**

Our cover: BAM's president Joe Wilkinson works on getting his corner square during a grill workshop held at Tom Clark's in Potosi. Photo by Jim McCarty.

Editor

Jim McCarty

Contributing Editors

Rick Crawford
Stephen McGehee
Bob Stormer
Joe Wilkinson

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 \$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 65110; (573) 395-3304 or you can send e-mail to jimmac@socket.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.

BAM Membership Application

Name: _____

Address: _____

City: _____ State: _____

Phone: () _____ Zip: _____

E-mail: _____

New Member Renewal ABANA member?

How did you learn about BAM? _____

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

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 mail\$60 yr.
- Contributory\$100 yr.
- Full time student\$35 yr.
- Public library.....\$35 yr.

See reverse

Editor's anvil

Right after Thanksgiving, while most of you were trying to figure out why you ate so much and what to do with all of those leftovers, a bunch of us tough guys gathered at Tom Clark's Ozark School of Blacksmithing to pound out Walt Hull's design for a Conference Grill.

The grill actually started last year when Don Nichols decided we needed a group project for the conference auction. Don hammered out the grill and asked the rest of us to supply the rosettes. Of course most of the rosettes were still hot when David Cornett held the finished piece up for bid, seeing as how most of them were made during the lunch break.

But the point is it got made and it brought good money too, can't remember how much but it was a bunch. So Don figured if that one was so successful how much more so would be a genuine, Walt Hull inspired piece of a similar nature. Of course had any of us known what a monumental task Walt would saddle us with we might have begged Don to do it again. As it happened, all of us were worthy of Walt's task and the project was more or less completed over the course of two days. And we all learned a new skill that we can add to the others we've been picking up.

You see, Walt made this thing with not one, not two, not even three, but 40 separate precision upset square corners. Most of us hadn't done even one upset square corner that didn't involve an arc welder. To make the task even more difficult, Walt wanted all of these corners to be in the same spot, exactly where he center punched it! Then to be even more mean to us, in the unlikely event we go the job done he proposed we then take a hammer to our precious corners and flatten them out. Well I can tell you a number of us tried to conjure up other places to be as he laid out the day's work.

Instead we watched Walt do the demo, Doug Hendrickson tell him how to do it better, Walt scratch his head and a few other places and decide now was not the time to try new tricks. Then we all set to work on a piece of 5/8 inch square donated by our host,

trying to put five upset square corners into each piece with them all ending up where they were supposed to be.

Guess what? We did it. It wasn't long before the forges were fired and the glorious cacophony (been waiting months to use that phrase) rang out from Tom's anvils. From time to time the sharp crack of exploding rocks mixed in the coke sounded forth. After awhile we got used to it, snugged the safety glasses a little closer and vowed to stick with BAM coal.

I watched Walt work for awhile before settling in to a forge in between brother Pat and our president, Joe Wilkinson. The trick to this is not working the stock into a 90 too soon and to upset from two directions so as to get more stock into the area where the bend is going to be.

Joe had a neat effect he put on his bar. He put little cracks behind each corner. He said Walt showed him how to do this. I never could get it to work. Maybe Joe will demonstrate this at the next BAM meeting? Or he could show us how to apply mig weld to the cracks, which is what he has been doing lately...

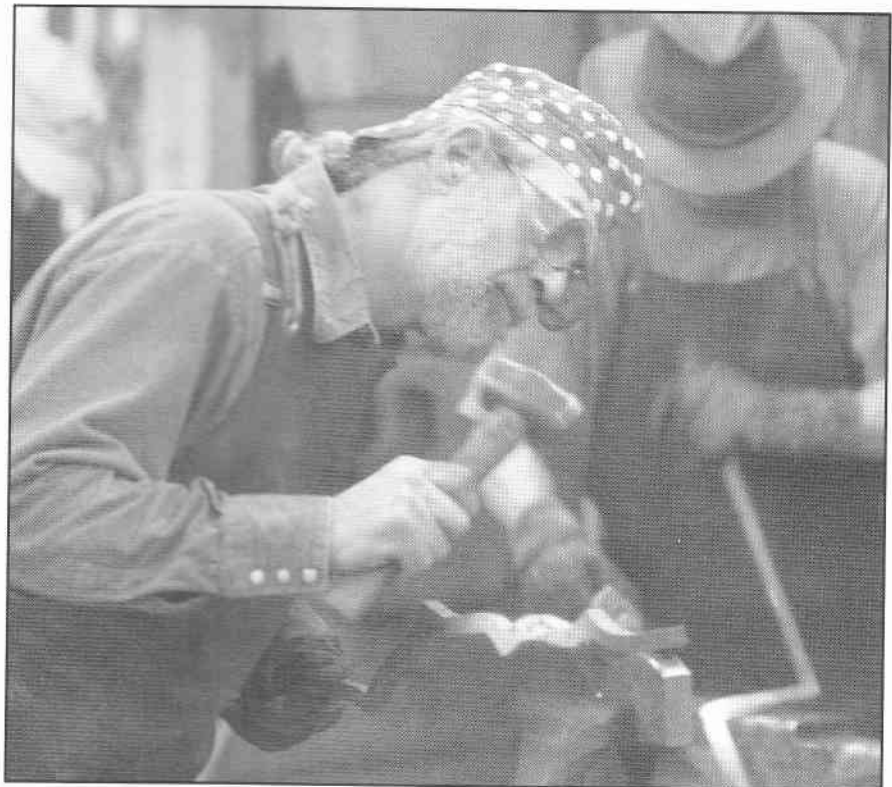
At the end of Saturday all eight bars were upset into corners and several of them had been forged into shape using a jig Walt had built. The ends still had to be drawn out and scrolled using another jog, half laps made and holes punched for rivets.

I didn't stay Sunday to see how much more got done but Walt says the project is ready for the half lap stage which will be done at a later workshop.

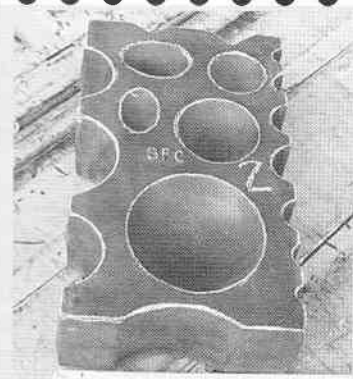
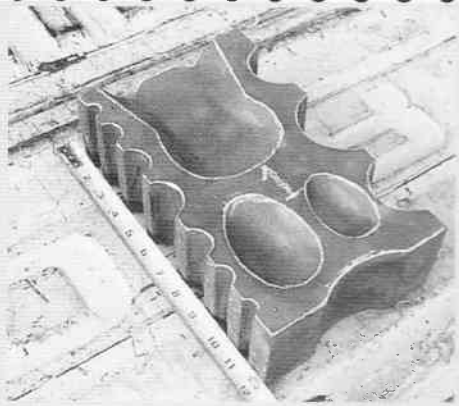
A great day! Thanks to Walt for showing us how to do this and to Tom for letting us use his shop. Can't stop writing without mentioning what Tom is up to. When we arrived in Potosi his shop was full of virgin air hammers being set up. What a sight, all of those hammers in pristine condition, brightly painted with a few of them gently "tapping" as he broke them in. We all gave them a try and they are nice hammers. Too bad, all are sold but more are coming I am sure.

Now's the time to get started on your rosette. Use a piece of 2 inch or so and leave a hole or a stub on the back, size 1/4 inch. Later,

— Jim McCarty



Walt Hull flattens out one of the 8 bars while Don Birdsall gets his square.



NEW SWAGE BLOCKS FROM THE SALT FORK CRAFTSMEN

Saltfork Craftsmen Swage Blocks are now available!

The Saltfork Craftsmen Swage blocks are poured with new, malleable iron. The blocks have all of the most useful shapes. Included are a variety of half rounds, V grooves, spoon and ladle depressions, and a shovel depression. These blocks are a good fundraiser for our chapter and, more importantly, let blacksmiths acquire a high quality tool at a very economical price. Selling price is \$75 each plus shipping.

Blocks will be available at any regular Saltfork Craftsmen meeting with no shipping charges. They have shipped several by UPS. The UPS web site can give you a very close approximation of what the shipping cost will be. Blocks are shipped from Perry, OK 73077.

Call, write or e-mail

Mike George, 1227 4th, Alva, OK 73717

580-327-5235

jmgeorge@pldi.net

or

Jim Carothers, 9501 Frontier, Perry, OK 73077

580-336-9213

colonel@fullnet.net

Joe's jive

Another wonderful day for a meeting at John Murray's shop in New Melle, Mo. on Nov. 10. Bright sunshine, cool weather and a hearty crowd of good blacksmiths. Can't make it better than that. Thanks John and Lisa for hosting.

A few things I would like to make known to those of you who couldn't attend the meeting:

Lou Mueller is planning a beginner's workshop in early February of 2002. This is an excellent way to get started if you've recently been bitten by the blacksmith bug. Call Lou if you would like to attend.

Bill and Gina Briggs have agreed to help us make a few sample chapter flags to help us make a choice of the best design for our permanent chapter flag. My thanks to Bill and Gina for this kind offer.

Doug Clemmons has offered to bring some bags of coal to our meetings for our members' convenience as soon as our coal has been distributed. Very generous of you Doug, thanks.

Member Bob Maes of Patton, Mo. has agreed to be our "Coal Captain." His job will be to keep track of our coal supply. I can not overemphasize the importance of this position. The

success or failure of our plan to distribute coal to outlying stations hinges on our ability to maintain good records of our transfer activity. Please be generous with your cooperation with Bob, a tough job for which not many would volunteer. Thanks Bob.

In closing I will say that I eagerly await our next meeting at Salisbury, Mo. in the shop of Japheth Howard/Alice James, two very talented smiths I am told. Should be very interesting. Trade item: bell. See you there.

— Joe Wilkinson

Refreshment through the years

From simple workshops to great factories, generations of workers have welcomed the juice that refreshes with ice-cold Coca-Cola. To work...



Blacksmithing history online

Next time you are bored with life and your coal won't light log on to the Internet and go to ebay.com. Type in blacksmith and see what you turn up. These two images came from eBay, not sure what they sold for but both were pretty interesting, as was a 600 pound anvil that didn't make the reserve.

BAM

November MEETING

John Murray was the host for JBAM's November event at his Shade Tree Forge in New Melle. John is our big hammer guy and the meeting revolved around his two jumbo hammers, a Nazel and a Chambersburg.

John rarely has any stock smaller than 2 inch but with these hammers he can make you all the 1/4 inch square you want in short order.

John demoed under both hammers and also made a nice copper bowl under another strange piece of equipment.

We also had a nice demo by two leftovers from the flower generation, Pat McCarty and Walt Hull. They were making flowers from spider gears under the big hammers, much to the delight of the crowd.

Trade item turnout was excellent, with 13 people making a sun dial. Trade items were made by: Bob Stormer, Bob Ehrenberger, Don Grammond, Pat McCarty, Ed Harper, Bess and Maurice Ellis, Doug Clemmons, Doug Hendrickson, Ken Valdejo, Dave Shepard, Kate Dineen, Randy Barringhaus, Walt Hull and Don Nichols.

Iron in the hat was donated by Daniel and Bob Ehrenberger, Don Grammond, Fred Weisenborn, Don Nichols, Dave Endres, John Murray, Bess and Maurice Ellis, Pat McCarty, Kent Harbit, Jay Rickmeyer, Harold Webber, Don Birdsall, Mike Kellerstras, Scott Stager, Bill Ohmert, Charles Schumann, Dan Conley, Bob Stormer, and Tony Smith. Thanks to all who donated something and to those who bought tickets.

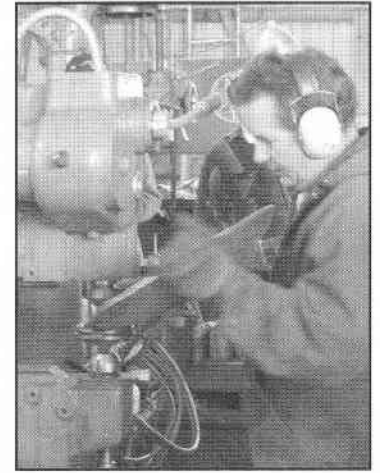
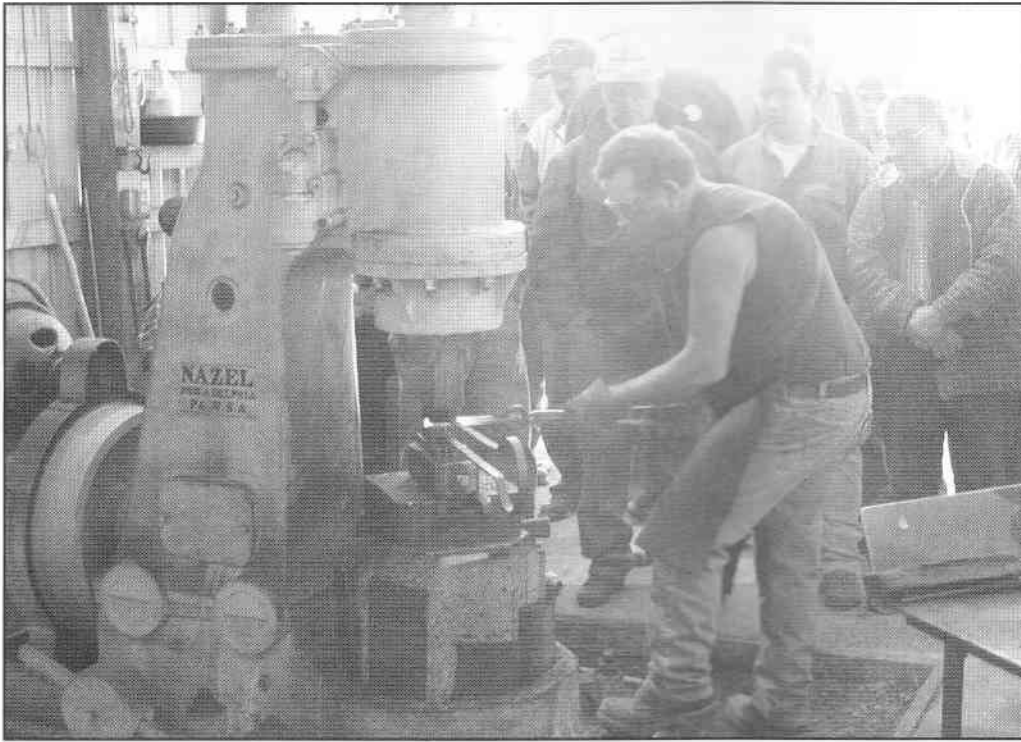


Minutes

- Thanks to John and Lisa for hosting the meeting.
- Motion to accept minutes as published — approved.
- Suggestion to have a beginner's workshop at BAM Conference. This was discussed by conference committee, maybe next year.
- Lou Mueller may have a beginner's workshop in February, possibly for women only.
- Doug Hendrickson wrote a letter to BAM president expressing his desire to store coal.
- Lee Quintance has coal in Kansas, mined in Kansas. Walt Hull uses it, says it's OK. 55 gallons for \$20. ton for \$65.
- Joe would like a volunteer to act as Coal Captain to track, monitor and order coal as needed.
- Voss Trucking has Pocahantus Coal in Murphysboro, Ill. weekdays and

Saturday until noon.

- Gina Briggs will design a flag for BAM to exhibit at ABANA Conference.
- Jim McCarty will make 100 brackets for the Missouri State Fair (with a lot of help from whoever wrote this ;-)
- Web site is up to date, Joe would like someone to take over updating it. Ed Harper might be willing to do it.
- Rueben brought up Boonville, build building, lease ground, use for conference. Group split on decision, will continue at next meeting. Members need to decide if we want a permanent site or continue as we are, going to each other's shops. Contact Joe with views.
- \$21,100 in treasury, 501 members!
- Gas forge workshop Dec. 1, Bruce will send a letter next week.
- Bruce is collecting money for anvil buy.



Photos by Bob Stormer

- John Murray will buy tape recorder for minutes.

- Mike Williamson has a list of books and tapes not returned to library. Borrow at meeting, return at next meeting. Please return overdue books and tapes.

- Walt spoke on conference, Terrance Clark our demonstrator, wants to work in someone's shop before the conference. Contact Walt for details. Need help with travel details if someone is in that business.

- Peggy Williamson is selling some of Phil's tools and equipment. Call her for details.

- Motion to adjourn, passed.

*Respectfully submitted,
Pat McCarty for John Murray,
BAM secretary*





ABANA

ABANA Chapter Liaison Letter

November 2001

2002 ABANA CONFERENCE JUNE 5-9, 2002, LA CROSSE, WISCONSIN.

Get a load of these family activities.

Amish country tours.
Art stained glass creations tour.
Down a scenic country road tour.
Niagara Cave tour.
Demonstrations and lectures on arts and crafts.
Museums and galleries.
River cruises.
And a whole lot more. (See the next Liaison Letter for more family activities.)

Here is a sample of the foreign demonstrators.
Smederij and Cees Pronk, Frits and Smederij Kramer from The Netherlands.

Alfred Habermann and Hand Neuschmied from Austria.

Jos Spanier from Luxembourg.

Michael Kaczmar and Alfred Bullermann from Germany.

Ousmane Samassekou from Mali.

Oleh Bonkovsky from Ukraine.

HERE IS SOME HELP THAT A LOT OF US CAN USE.

Doug Kluender, an Arizona blacksmith, is exper-

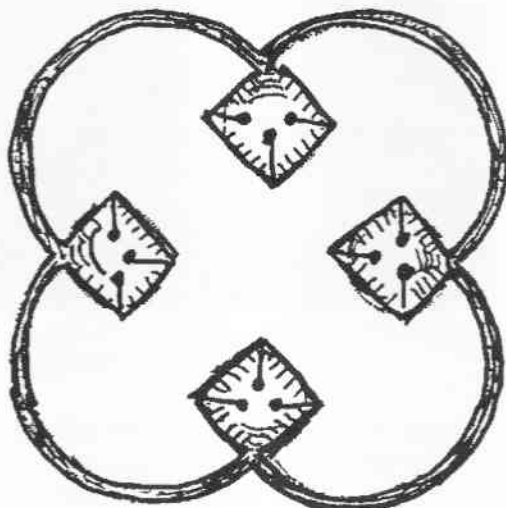
rienced in the workings of non-profit organizations. He has served with his local United Way in teaching boards of directors of non-profit organizations how they may more efficiently operate. He will meet with the board of any chapter that requests his services. He charges no fee, just cover his expenses. Further information on this offer is being sent to all chapter presidents. If you think you could use this service, encourage your president and board members to look into the offer.

A NEW SERVICE TO YOU IS ABOUT TO BEGIN.

In the past few ABANA Liaison Letters we have been talking about a new program by which chapters may share their successful activities with all chapters, so that we may learn from each other.

After checking with every one imaginable (O.K., so I exaggerate a little) it is ready to go. Detailed information will be sent to chapter presidents in the near future. Talk with your president and board members and urge them to discuss using this program.

Bob Fredell, Chairman
Member Services Committee
3500-45 Ave. So.
Minneapolis, Minnesota
545406-2927
(612) 721-2298
fredell@frostbit.com



BAM

Bulletin Board

For sale: Stake plate and three large stakes, \$600. Pexto ring and circle shear, will cut circles from 2 inch to 44 inch diameter, \$900. Guy McConnell, (660) 332-7354.

For sale: Beverly shear B2, \$300. Angle iron shear, will cut up to 2" x 5/16", \$150. No. 2 Hossfeld Bender with many dies, \$500. Jim McCarty, (573) 395-3304 or e-mail to jimmac@socket.net.

Wanted: Big vise, 200 pound, 8-inch range. Also need handled punches and drifts. Mike Kellersprass (417) 890-9174.

Wanted: 50 to 100 pound Little Giant. Buy or trade for larger anvil above 300 pounds. Bill Bench, 5626 S. Farm Road 205, Rogersville, MO 65742; (417) 883-9145.

Pat McCarty has for sale a like-new upholstery sewing machine. It's a a Juki brand model # LU-563. Call (636) 239-3814.

For sale: 5" leg vise, \$100; 3-1/2" bench vise, small anvil on rear, 40 lbs., \$50. 3 bags BAM coal, \$21. Champion No.3 blower, hand crank, on stand \$200; Buffalo electric blower, 200 silent 14", \$140; #400 whirlwind fire pot with tuyere assembly 12x14" heavy duty, no burn out, set in steel table 24x24" on wheels, has hood and stack, \$300; Gas forge, new, never used by BAM complete with regulator, hose, fittings, etc. \$350; Canedy-Otto post drill, hand crank, automatic, has original chuck and Craftsman

1/2" chuck, mounted on steel post with feet, 5'5", \$130; Di-Acro Spartan roller Model #4, 24", \$150. Emil Bubash, 3151 Lin-Tel Rd., St. Louis, MO 63125; (314) 892-4086.

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

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. Also hardwood blocks 2-2 1/2" x 12-14" are \$5 each in curly maple, straight maple, English walnut, birch laminated in brown and white and blue and white. Ray Chaffin, (660) 438-6720 or Ray's Welding, RR 3, Box 279, Warsaw, MO 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 Tuffee, 3855 Aspen Hills Dr., Bettendorf, IA 52722.

Custom-built air hammers. 6-pound table top model \$1,300; 20-pound table top model \$1,900; 20-pound floor model \$2,200; 40-pound floor model \$2,600. 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, Route 1, Box 1442, Belgrade, MO 63622-9709, Phone: (573) 766-5346. E-mail: mbellis@misn.com.

BAM members, 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. From art to parts I do it all. Now offering: 12" x 18" BAM logo signs plasma cut from 1/8" A36 steel plate. \$25 BAM members, \$35 non-members. Call (573) 474-8749 and ask for William Irvin.

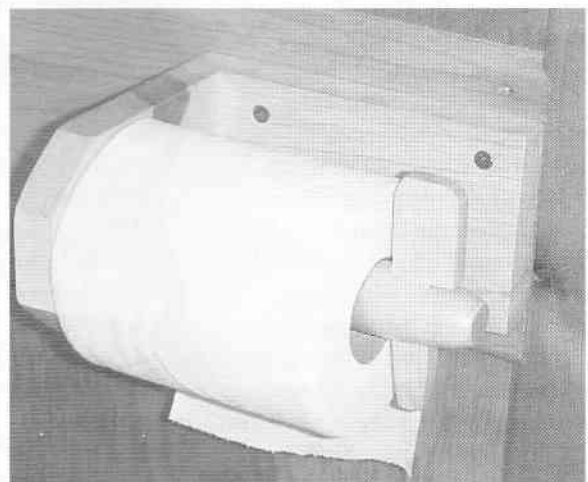
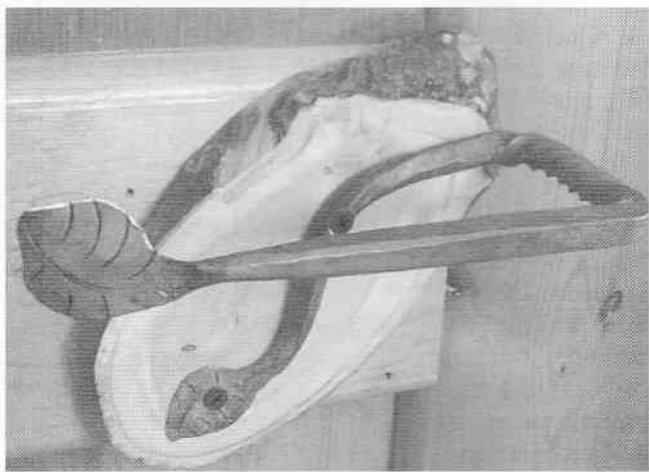
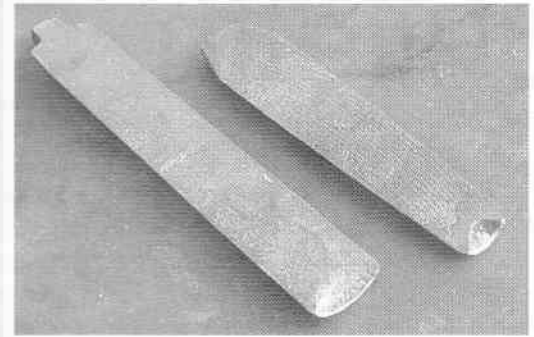
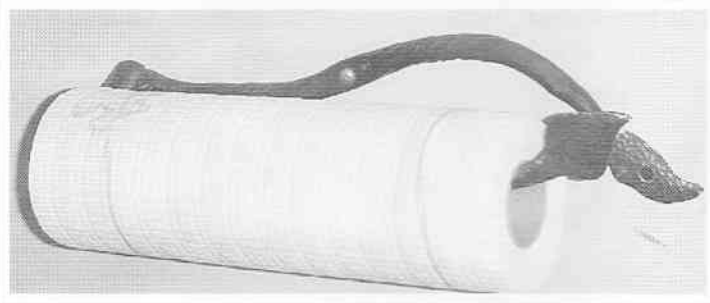
Kayne and Son Custom Hardware, 100 Daniel Ridge Road, Candler, NC 28715. (828) 667-8868 fax (828) 665-8303, email: kaynehdwe@ioa.com, website: www.kayneandson.com. Offering Big

Blue 100 ram air hammers, Peddinghaus 2 horn anvils, Offcenter tongs and swages, etc, hammers, tongs, the Blu Crusher rolling mill and Forgemaster gas forges. We ship and accept Visa and Mastercard.

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 contact him at (573) 438-4725.

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 Mingus 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.

George Dixon is starting a new blacksmithing publication called "The Traditional Metalsmith". For \$28 you will get four issues of how-to information. Contact him at 1229 Bee Tree Lake Road, Swannanoa, NC 28778.



Toilet paper roll holder

by Rick Crawford

With the Christmas season coming up, I am in the mood to make some gifts. When I was thinking about this, I came up with what I think is an original idea. A toilet paper roll holder. This seemed like a good idea as most everyone can use one.

When I started my new job last year, in the men's room was a broken holder and a roll of paper sitting on the back of the toilet. To me, this was a challenge, as I don't like having things broken, I am usually the guy volunteering to fix stuff. (I work for a very small company and we all pitch in wherever we can.) So I started thinking about t.p. holders. I am a firm believer of the KISS principle, (Keep It Simple, Stupid) as I have been told this over and over through the years. So, I was thinking, the less moving parts the better. Years ago, I made a wooden one with only one moving part. This was a key that slides into a slot to trap the roll from sliding off the end of the rod that it sits on. Being much better at metal work than wood, I thought a leaf sized small enough to fit through the roll, would work if it was tipped up at an angle. This gives me a holder with zero moving parts, Perfect!

I started out with a piece of 3/8 square bar. Necked it down about 3/4 to 1" from the end, and worked it down to a smooth taper 2 to 3 inches long, leaving the end alone. Then I tapered and flattened the end into a leaf shape.

Several years ago, I had a half round file break. Now I am not the kind of a guy that just gets rid of something just 'cause it's broke! I kept using the pieces of it till they got dull. Then they just sort of sat in the file drawer with the rest of the files, not really being used anymore. But I couldn't get rid of them. It's made of metal! AND it's a TOOL!! Well a year or two ago I was making a leaf and wanted to chisel some veins into it, but I wasn't getting the results I wanted with my straight chisels. Never yet saw a leaf with all straight veins in it. BINGO! I new what to do with my files. I took them to my little belt sander and started sanding the files to shape. The end or point of it was a lot smaller radius and gave a very different shape chisel than the other one. (It had snapped almost in half.) Working on my little sander,

I sharpened these into 2 nice curved chisels and they work OK for this. Took the other end and dulled it down for a place to hit it with a hammer. They work real well. This is what I use most for veining small leaves now.

Next I made the bend about 5 to 5 1/2 inches from the inside of the leaf. Then hot cut the part about 6-8 inches from there. Now it is cut to length, and you can start over on the other end making a tapered down area, leaving enough for a leaf, and do it all over again. Bend the back next, leaving 2 1/2 - 3 inches space between them for the roll. I like to put a twist in the side section, because it can be seen at all times. I also like to curve the back as much as I can. This serves 2 purposes. 1. Looks - this adds more than just straight lines and is pleasing to my eyes. 2. Function - this gives me a place to put mounting holes that is not right behind the front rod. This makes it easier for drilling, and for screwing it to the wall as well.

We have a horse and a mule that I sometimes think are part beaver. They killed a mulberry tree in their yard a couple of years ago. I wouldn't cut it down. I had plans. Seems to me that they can chew on it now without causing much trouble to anything growing. Also I was sure that wood would be more useable after it was dry and I know it would dry right there without my making a drying rack. Now that I had a couple of t.p. holders made, I thought they would look nice if they were backed up with some wood. I happened to have some nice dry wood right outside the shop. Mulberry. It's been drying 2 years now and should be ready to use. I took a branch about 3 1/2 to 4 inches in diameter and cut at an angle to get some slices about 4 by 6 inches in size and about an inch thick. Varnish and they look real nice. Metal usually looks nice with a wood backdrop.

I like to use those drywall screws for mounting my metal work. They go in quick and are already black. They hold well in drywall, since that is what they were made for and they are cheap, just like me!!

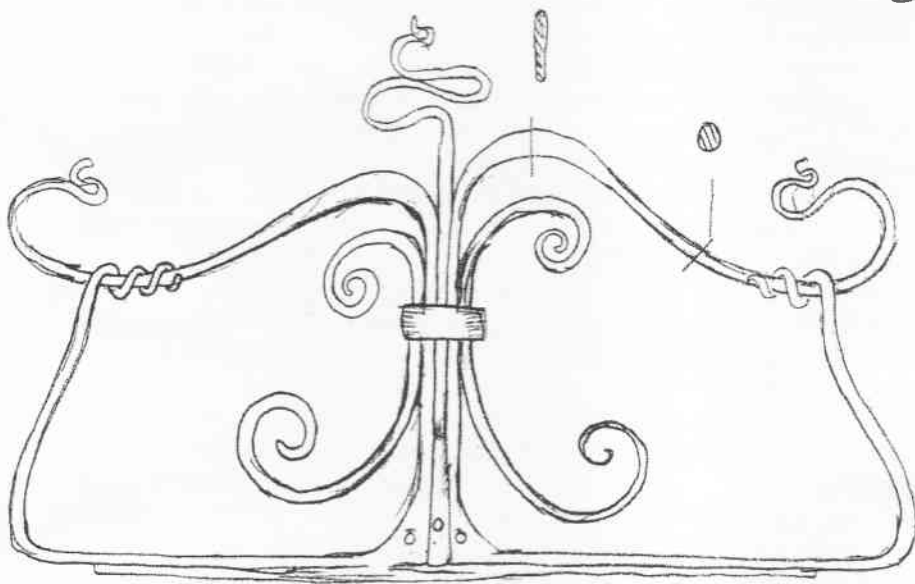
Jean, my wife, said she wanted a new paper towel holder, so I scaled up these plans for that also. Made it from 1/2 inch square bar instead of 3/8, though.

Let me know what you think and what you are working on as well.

AFC ALABAMA FORGE COUNCIL 15TH ANNUAL CONFERENCE TANNEHILL STATE PARK

Soosen Hutchinson
A MUSIC STAND

NOTES & DRAWINGS
BY
STEPHEN McGEHEE
501-643-3299

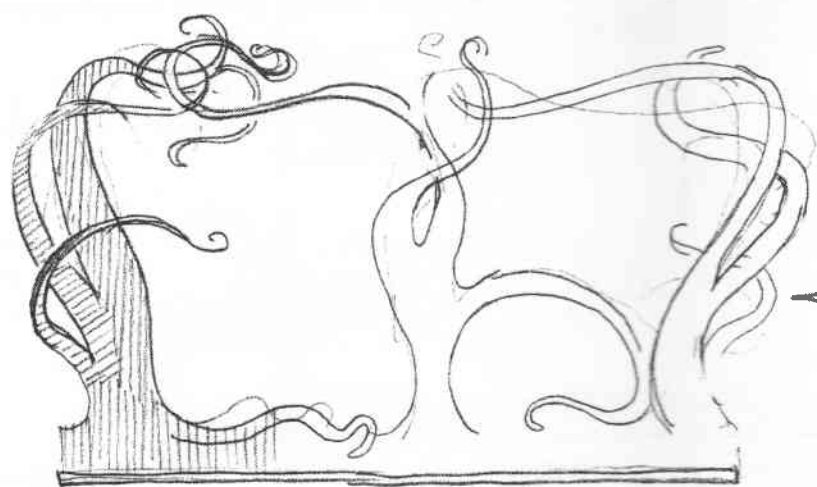


RON HOWARD

RAMS HEAD WALKING STICK
& OTHER TIDBITS



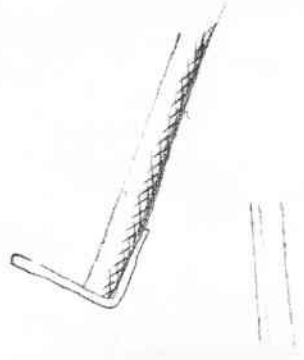
Sooean
WEAVERVILLE N.C.
(704) 645-5445



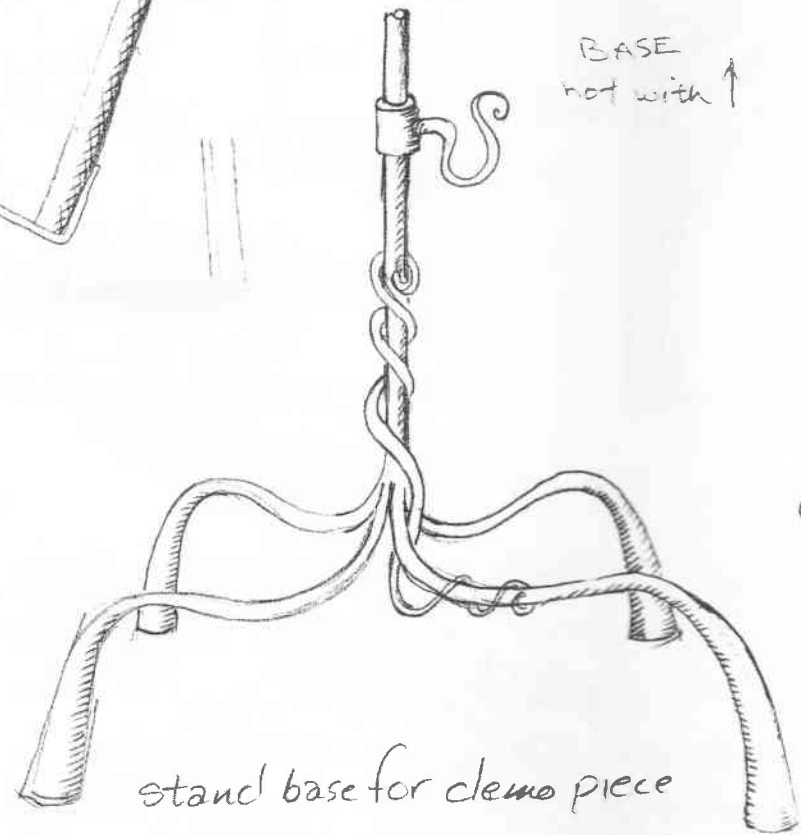
OR something to that effect

Standrite

4
ANOTHER STAND FROM
HER PORTFOLIO

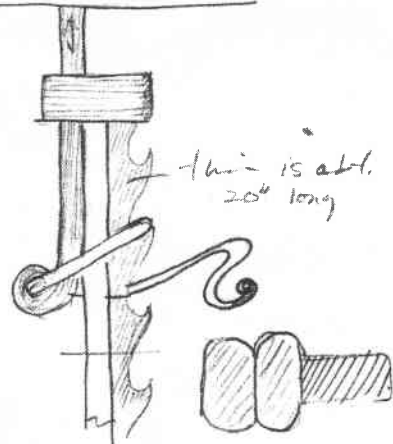


BASE
not with ↑

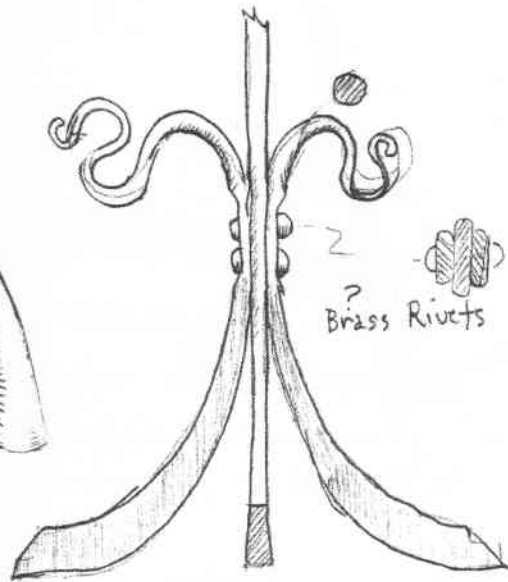


stand base for demo piece

STAND



?
Brass Rivets



bottom of stand @ top of
page

SCOTT'S FIRST SESSION

8:30 A FAGGOT WELD

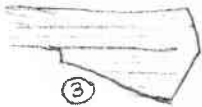
FULL SCALE DRAWING IS MADE ON A LAYOUT PLATE WHICH HAS BEEN PAINTED W/ BBQ PAINT TO RESIST HEAT



① notch



② taper



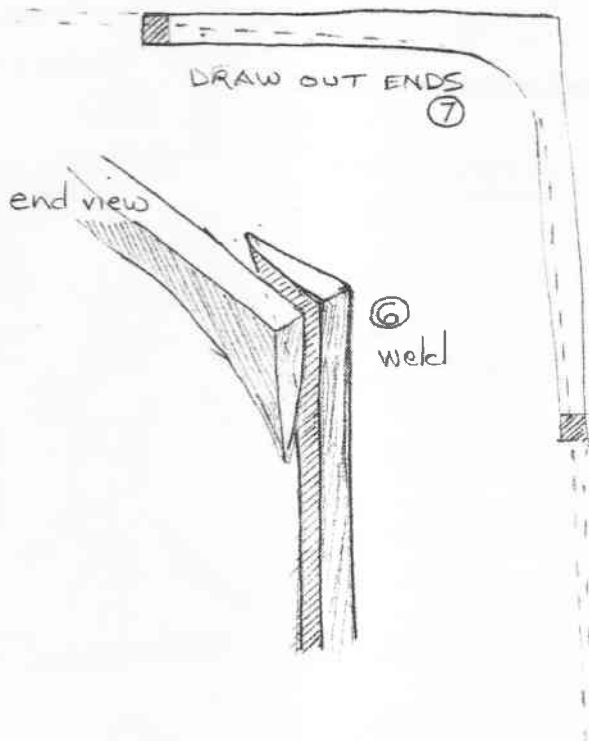
③ fold back



④ weld



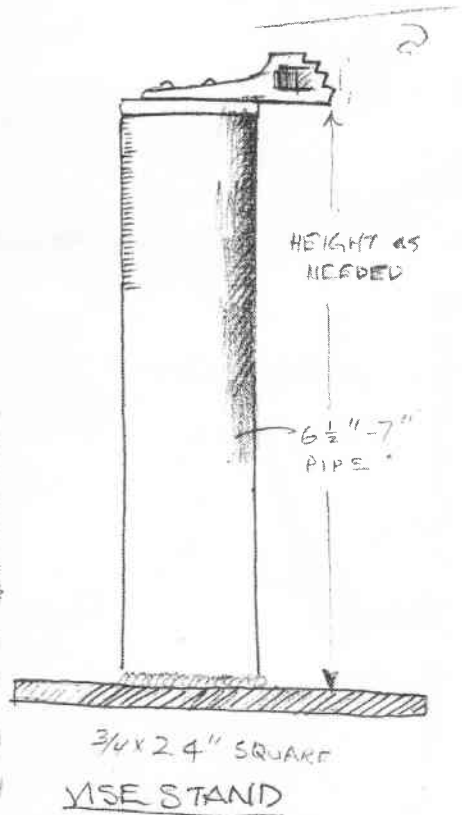
⑤ SIDE shape foot



end view

⑥ weld

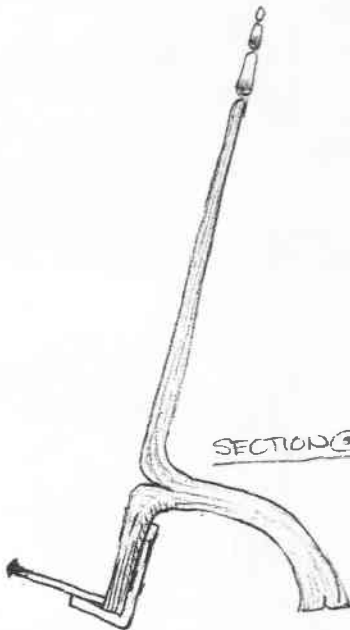
DRAW OUT ENDS ⑦



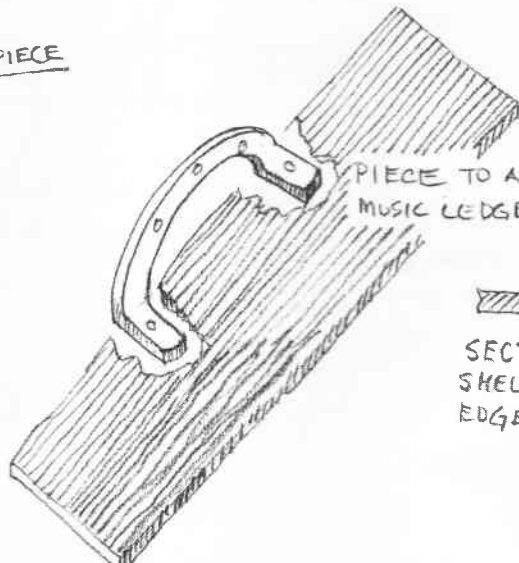
HEIGHT AS NEEDED

6 1/2" - 7" PIPE

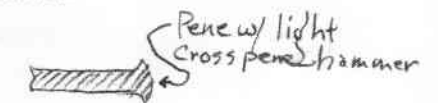
3/4 x 2 1/4" SQUARE VISE STAND



SECTION @ CENTER PIECE



PIECE TO ATTACH MUSIC LEDGE

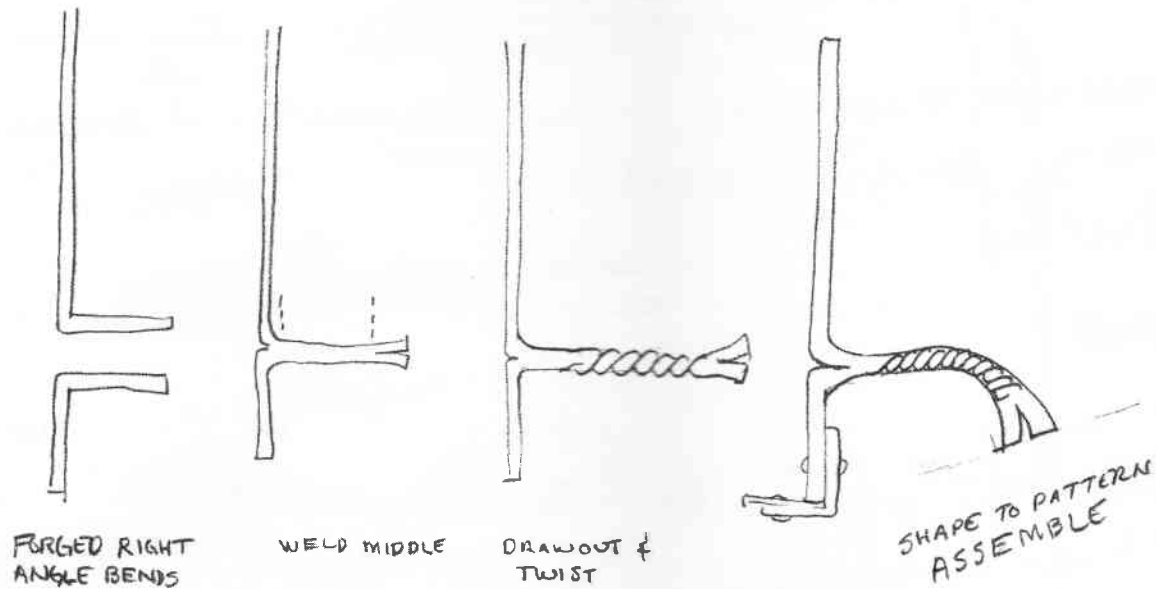


SECTION OF MUSIC SHELF SHOWING UPSET EDGE

A TEST PIECE IS AN INVESTMENT IN YOUR FUTURE

WET YOUR WIRE BRUSH & BETTER REMOVE SCALE

Soosan second session



EXISTING SCROLL MEASURED BY STRING



SMALL PIN (NAIL) TO RIVET PIECES BEFORE COLLARING

C. SCROLL
L. FRAME
CENTER
R. FRAME
R. SCROLL

END OF SOOSAN DEMO

Humbly submitted by the blacksmith himself. Nice folks down there in Alabama. I got to hang out with some of the same people a week later in Troy @ Quad State. On the advice of Alan Kress I went to Twin Pine Coal Co. & brought a ton of coal back to Arkansas - (coincidentally, the mine is in the Arkadelphia community) I have burned quite a bit so far & am pleased. I am finishing up a couple of 8' interior gates & will soon be bama bound.

Stephen M. Decker

Thompson Enamel
 (859) 291-3800
 thompson@rml.net

RON HOWARD
 DEMONSTRATION

Δ RAMS HEAD

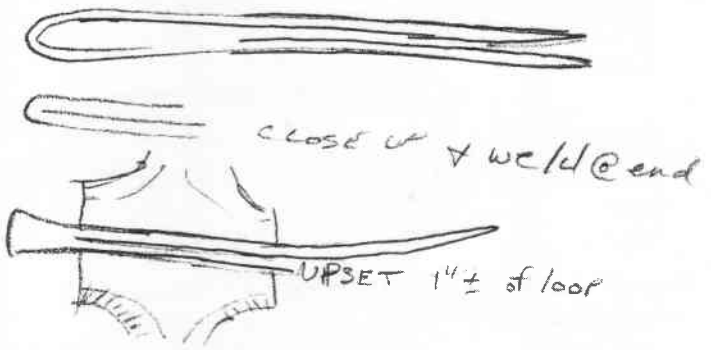
• HEUSES A MIXTURE OF EZ WELD & CRESCENT

" IF YOU REALLY WANT TO LEARN...
 TAKE THE JOB THAT SARES YOU TO DEATH "

HORNS $\frac{1}{4}$ " \varnothing 22" long

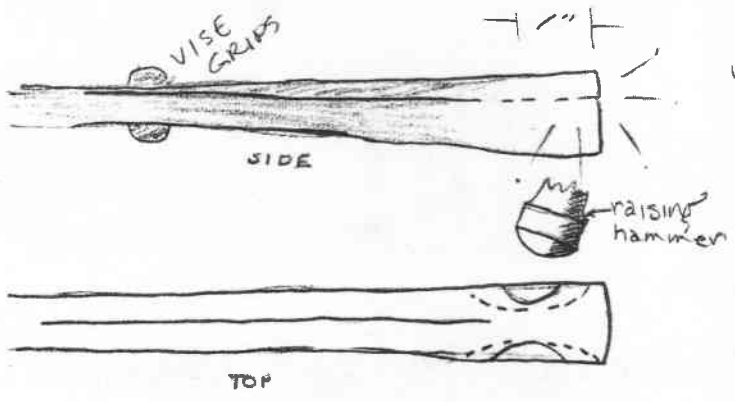
WALKINGSTICK $\frac{3}{4}$ "

Poker $\frac{7}{16}$ " SQ



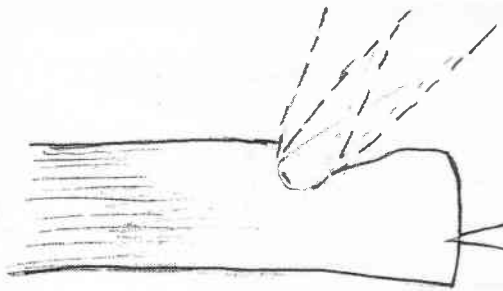
→ TAPER THE $\frac{1}{4}$ " BAR
 mark the center of stock.

UPSET THE END OF THE $\frac{7}{16}$ " STOCK
 2 heat, 1 in vise, 1 using a steel plate.



WELD HORN PIECE ONTO HANDLE STOCK

@ A WELDING HEAT USE A RAISING HAMMER
 TO FORM CHEEKS & NOSE RIDGE



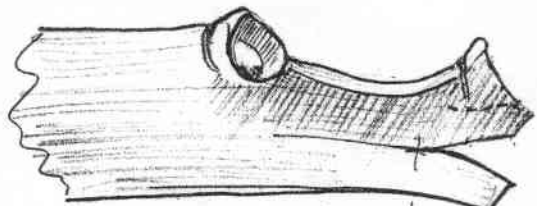
next sink eyes 2 heats

LOCATE MOUTH

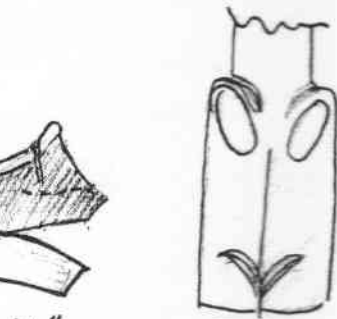
SINK NOSTRILS w

deeper w/

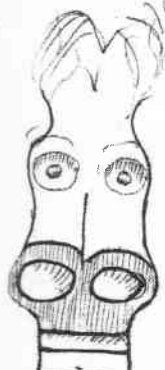
CUT MOUTH



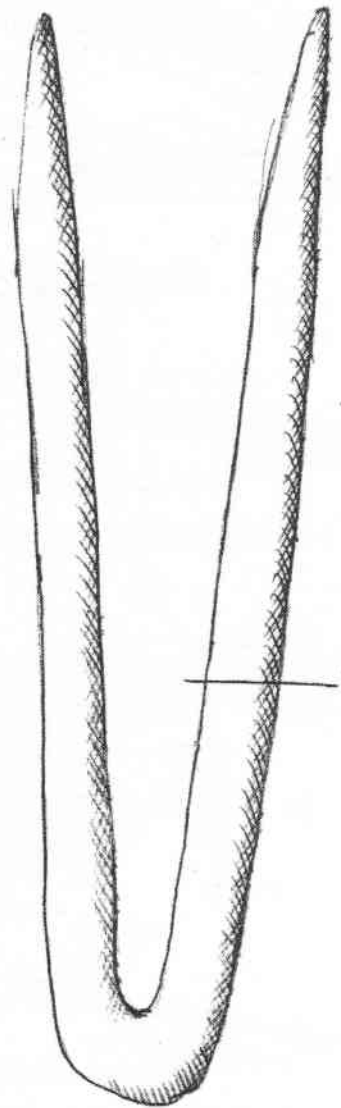
SIDE



TOP



FRONT



1/2"

coat the face

twist horns inward

WALKING STICK ABOUT 3' long

WRAP IS APP. 30" of 3/16 WIRE

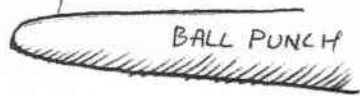


SECTION

BENDING FORK

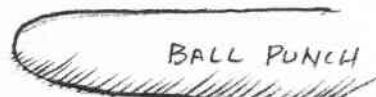
6-7" LONG SPRING STEEL

.1250



BALL PUNCH

.375±



BALL PUNCH



CHISEL

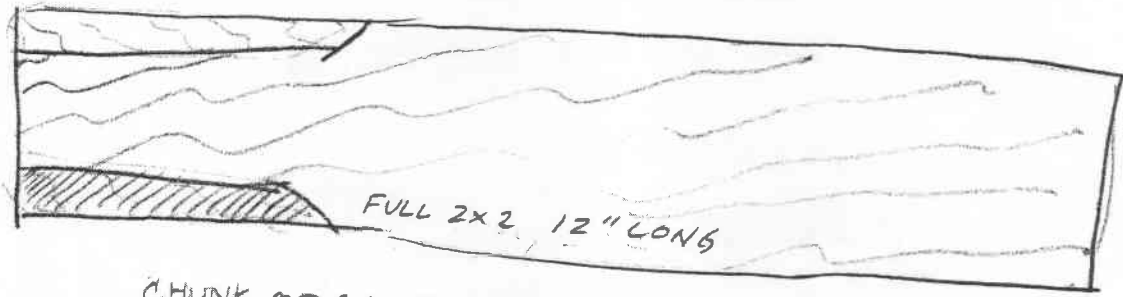
BB SIZE



EYE PUNCH

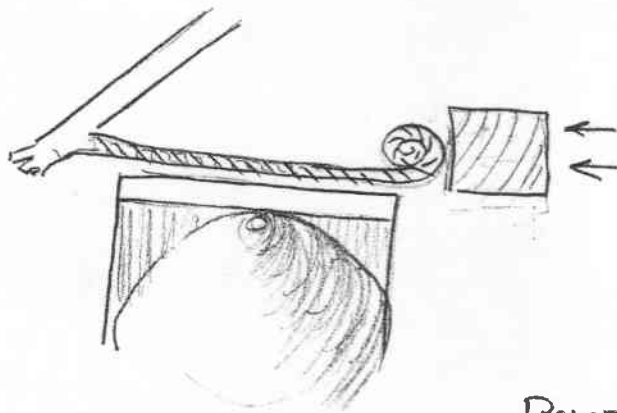
TIP





CHUNK OF OAK TO BEAT THE HORNS INTO A CURL

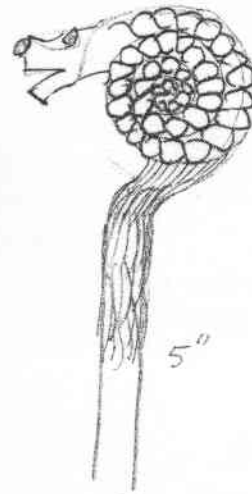
A piece of plate (3/16") clamped in vise used as a straightening plate.



POKER END



double tapered 1/2" sq

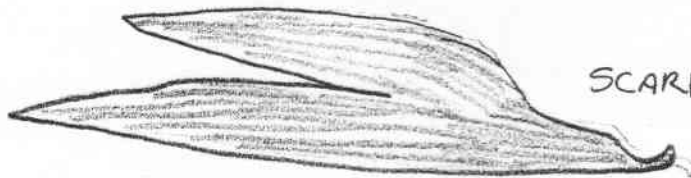


TAPER FROM
7/16 down to
1/4

5"



FAGOT WELD

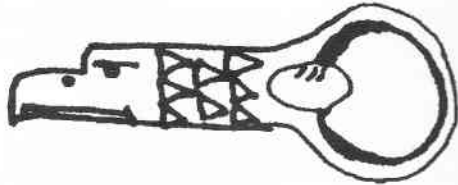


SCARF

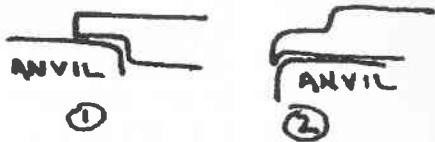


TWISTS

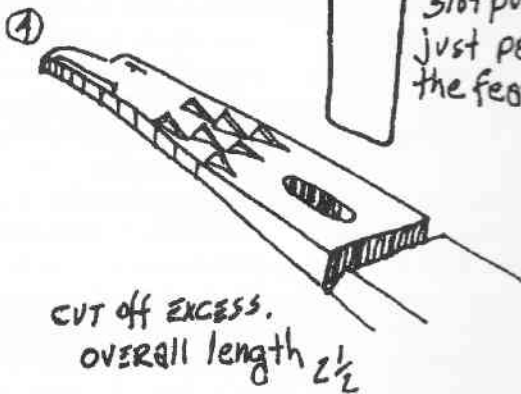
Eagle Bottle opener by [signature]



$\frac{1}{4} \times \frac{1}{2} \times 6$ " mild steel
forge handle end first



③ use center punch for eye & nostril. Chisel line over eye and to form jaw. A round punch ground into a triangle is used for the feathers.



slot punch just passed the feathers

⑤ UPSET SLOT TO SQUARE then drive a $\frac{3}{8}$ " drift through. Repeat with a $\frac{3}{4}$ " drift. Round off edges and open to 1" over the horn of the anvil.



⑥ forge out clip on the top of the horn.



⑦ wire brush & apply favorite finish.

from Pennsylvania Striker, March 2001

BAM NEWS

Knife workshop

The Jefferson County Historical Society will host a bladesmithing workshop from 9 am – 4 pm March 9 and 10, 2002 at the historic village on North 27th Street, Mt. Vernon, Illinois. Cost - \$20 both days; \$10 one day with proceeds to benefit the blacksmith shop and village.

Ken Markley and Chuck Hawes will lead this knifemaking workshop. Ken is a professional blacksmith and bladesmith and holds a journeyman certification in knifemaking. Chuck is also a professional bladesmith specializing in wholesaling Damascus billets.

Topics demonstrated and discussed will include steel selection, fire management, forging, grinding, heat treatment, installing handles, and finishing, starting and running a blacksmithing business.

Lunch will be available at a small additional fee. Tailgate sales welcome and encouraged. Please pre-register by Feb. 1, although walk-ins welcome.

Make checks payable to: Jefferson County Historical Society. Mail to: Wilbur Haley, 19 Rushton Dr., Mt. Vernon, IL. 62864. Any questions: call John Lovin (618) 756-2331 or Wilbur at (618) 242-1365. E-mail john lovin at anvilman@hamiltoncom.net.

Batson Bladesmith Symposium

The Alabama Forge Council is proud to present the 14th Annual Batson Bladesmithing Symposium & Knife Show on 5-7 April 2002 at Tannehill State Park, McCalla, Alabama. Send the entrance fee of \$125 to Robby Armstrong, 189 Broad-Armstrong Drive, Brownsboro, Al 35741

(256) 539-3975, rarmstrong37@home.com. Make check or money order out to "Alabama Forge Council". Master Card and VISA accepted, send card number, card expiration date and your name as it appears on card.

The Demonstrators are: -Joe Keeslarms, Almo, KY, will forge a blade, heat treat and grind. He will then haft the blade with guard, handle and pommel. In short he will show you how to make a knife from start to finish. -Ron Newton ms, London, AR, will forge weld a powder damascus blade and demonstrate Lock Back folders. He will also show his method of fabricating knife handles and sheaths from Stainless Steel. -Don Witzler, Perrysburg, OH, will demonstrate old Timey knife making for Rendezvous and the forging of silver into jewelry. -Don Fogg ms, Jasper, AL will demonstrate Damascus steel welding and patterns. -Alex Daniels, Town Creek, AL will form sheath fittings, pommels out of sheet silver using press & Bonny Doone methods. He will also demonstrate Silver Casting. -Mel Pardue, Repton, AL, will show you how to make liner lock folders. -Bill Hernden js, Action, CA, will weld German Silver with a tig and show you a multitude of knife making jigs and short cuts. -Jerry Fisk ms, Locksburg, AR & Mike Williams ms, , will conduct the Cutting contest. Bring your 10 inch blade camp or Bowie. Knife must have one visible pin and thong hole. -Chuck Patrick, Brasstown, NC, Old Timey Friction Folders -"Hog" Larry Harley js, Bristol, TN, will teach Knife Grinding, Metal Finishes. -Rick Furrer, WI, & Harley will make steel, from dirt to steel. —John DeMesa will demonstrate sword polishing techniques. - Steve Schwarzer ms, Pomona Park, FL will assist. -B R Hughes & Mike Williams, ABS knife judging -Kenny Rowe, Hope AR will demonstrate Leather Work. -Hands on Bladesmithing with John Wayne Taylor - Learn to Scrimshaw from Mary Bailey -Engraving from Billy Bates & Jesse Houser -Rendezvous Sheaths with Tom Sterns - Krydex Sheaths with Ray Kirk -Bader Grinders with Dan Johnson -Auction Colonels Tim Ryan & Anthony Goodrum.

Fix your Little Giant

The 11th annual Little Giant Power Hammer Rebuilding Seminar is set for March 22-24, 2002 at Sid Suedmeier's in Nebraska City, NE. If you don't know about Sid and his seminars, he bought what was left of the factory and has been supplying parts and know-how with the able assistance of Fred Caylor for years. The seminar teaches every aspect of rebuilding the Little Giant and other hammers. A 25-pound Little Giant will be completely rebuilt. Cost is \$95 and space is limited. For more information call Sid at (402) 873-6603.

More coal

Our options for coal keep getting better. Bob Patrick signs in with a new supply coming out of Arkansas, he says it's the best he has used in years and the price isn't bad either. For more information contact Johnny Johnson, Johnson Coal and Machinery, (501) 638-8998. His hauler is Keith Costa at (501) 638-8465.

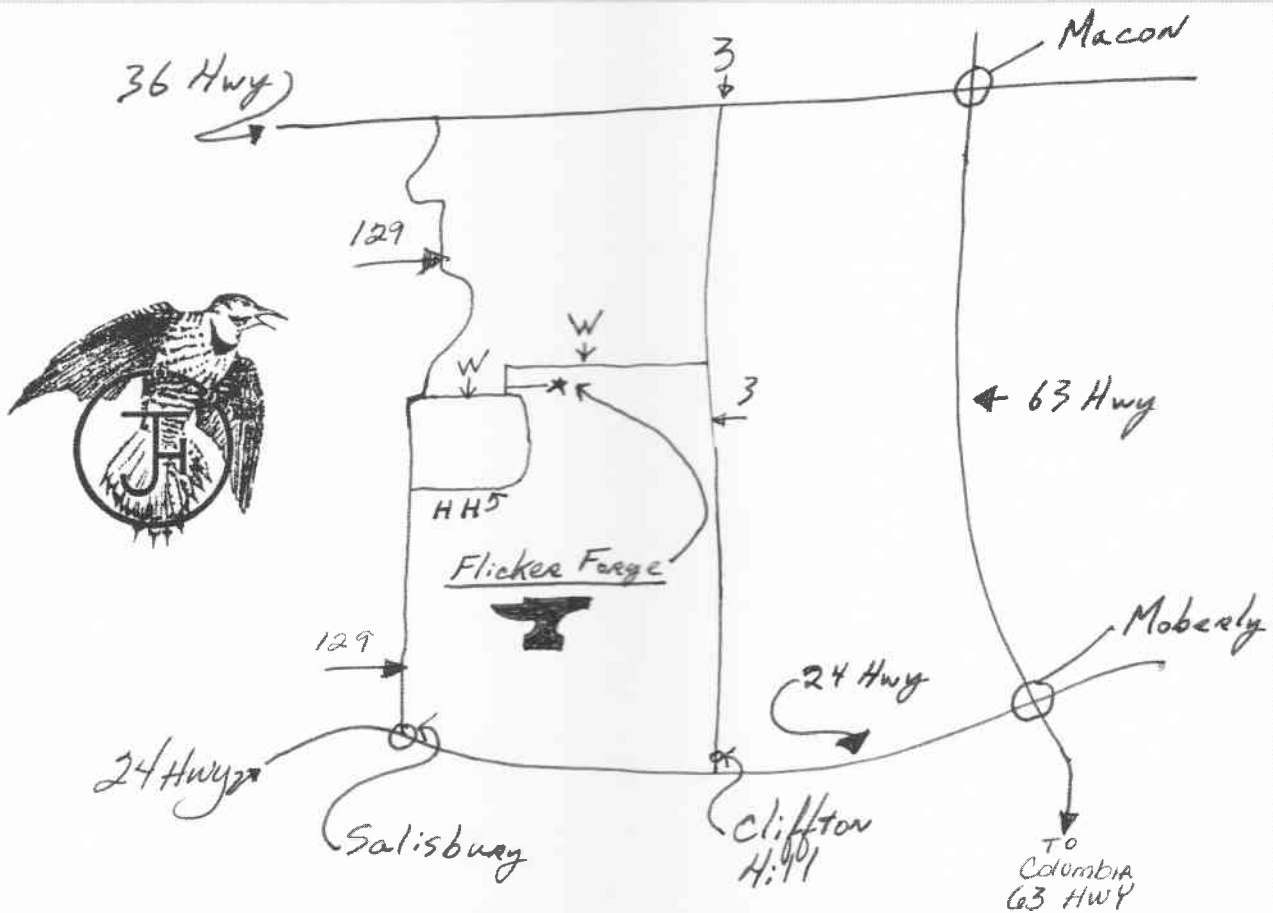
Events

The Missouri Renaissance Faire is set for June 1-2, 2002 and space for vendors is being offered now. The Faire is held in Mansfield on a permanent site so buildings can be left up year after year. For more information contact Lady Magdeline at (417) 924-2222.

Forging on the River IX is set for March 22, 23, and 24 of 2002. The demonstrators will be Bill Bastas, Michael Bondi and George Dixon. The location is "The Nation Ornamental Metal Museum" located in Memphis, Tenn. To attend the event call Ray Tanner -Treasurer for details at (901) 682-9771.

The Northern Minnesota Blacksmiths' Spring Conference is set for April 27th -28th 2002 if you happen to be up that way. For more information contact: Nathan Roberston jpine@paulbunyan.net or Keith Johnson keith@greatriverforge.com.

Next meeting: January 19, Salisbury



This month we get to visit a new smithy owned by two of the finest blacksmiths in the nation, namely Alice James and Japheth Howard. These two are truly world-class smiths and it's an honor to have them in Missouri. Their home is in an old school building and the former gymnasium is the shop. If you're looking for it on the map it is north of the Missouri River near Moberly.

Japh says they hope to have a big Nazel hammer up and running by meeting time and also there might be a 1,000-ton forging press to play with.

If anyone wants to rough it there is plenty of room to spread out a sleeping bag. Lunch will be served. Trade item is a bell, use your imagination and let's have everyone make one this time.

In case you get lost, the phone number is (660) 777-3508.

As usual bring along something for the iron in the hat. BAM raises a lot of money this way and it's for a good cause.

See you all in Salisbury Jan. 19.



2002 Meeting schedule

January 2002 Meeting

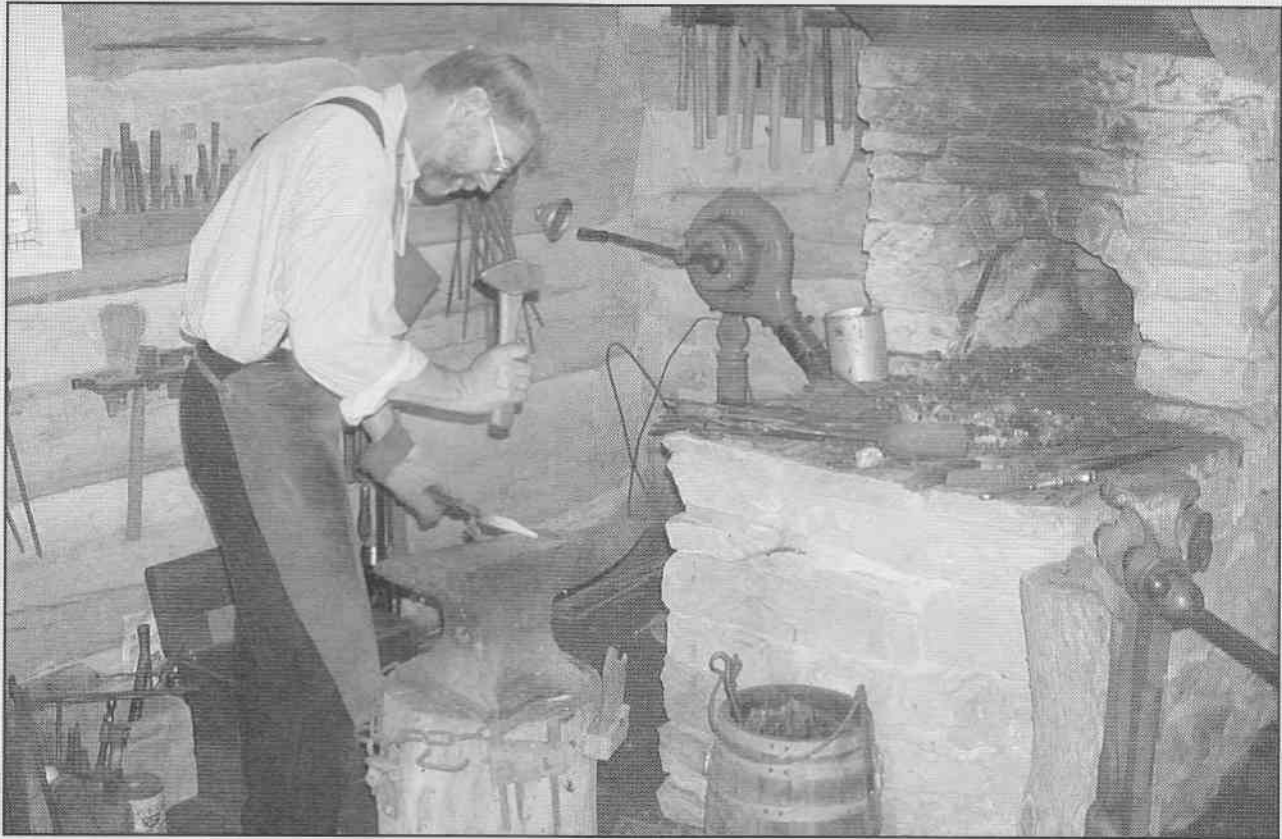
Japheth Howard/Alice James
Salisbury, MO
Jan. 19, 2002
Trade item: Bell

March 2002 Meeting

John Medwedeff
Murphysboro, IL
March 30, 2002
Trade item: Paper clip

May 2002 Meeting

Kirk Sullens
Nixa, MO
May 18, 2002
Trade item: Mixed media



Pat McCarty hammers away while demonstrating at the Luxenhaus Farm event in October. The farm has dozens of historic buildings including a nice smithy.

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

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

Presort

6

Address Service requested

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