



SOFA SOUNDS

SOFA

SOUTHERN OHIO FORGE & ANVIL, Inc.

Artist-Blacksmiths Association of North America

DECEMBER 1988/JANUARY 1989

BOARD OF DIRECTORS:

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NEWSLETTER EDITOR:

Ken Scharabok (513-429-3967)

* ABANA Board Member

MARK YOUR CALENDARS: Unless otherwise noted, all meetings will be held at the Studebaker Frontier Homestead on Rt. 202 about 4 miles north of I-70 near Tipp City. Please don't park on the grass or block access to the production buildings. Donations of items for the newsletter support raffle are always welcome. Please bring your work or tooling to display. The public and guests are welcome. Finger food and cold drinks to be provided on a break-even donation plate basis.

December 3rd, 1 PM

BUSINESS MEETING followed by a demonstration by Duane Wegley on making buckskinning-related items.

January 7th, 1 PM

BUSINESS MEETING followed by a demonstration by Ham Hammond. What would you like to see demonstrated?

February 4th, 1 PM

BUSINESS MEETING followed by a workshop to make one or more elements for the new entry gate to the National Ornamental Metal Museum.

March 4th, 1 PM

BUSINESS MEETING followed by a demonstration by Hans Peot on making a campfire cook stand.

April 1st, 1 PM

BUSINESS MEETING followed by tentative demonstrator Dick Franklin.

MEETING NOTES:

No meeting was held in October.

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A Board of Directors meeting was held prior to the November 5th demonstration. Items covered were:

- A treasurer's report covering the first half of this operating year (5/1/88 - 10/31/88) was given. Highlights were: Income - \$16,532.25 (Dues - \$655.00; Merchandise Sales - \$1,442.25; Newsletter Support Raffle - \$309.00; Refreshment Donations - \$50.75; Quad-State '88 - \$14,062.00 and Miscellaneous Income - \$13.25. Expenses - \$16,460.32 (Refreshment Purchases - \$53.14; Newsletter Printing and Postage - \$900.70;

Chapter of ABANA

Quad-State '88 - \$7,110.07; Merchandise Purchases - \$823.08; Deposit to Building Contingency Fund - \$7,000.00; Insurance - \$100.00; 1988-1991 Treasurer Bonding - \$147.00; Odd-Month Reminder Postage - \$25.00; Donation to Whitaker School Fund - \$200.00; Publicity Postcards - \$55.04 and Miscellaneous Expenses - \$46.29). Net Income - \$71.93. The only area where we are lagging is our goal to have the Newsletter Support Raffle offset 50% of the newsletter cost - it is currently offsetting 34%. The group continues to be solvent with over \$33,000 in assorted assets.

- In connection to moving the Building Contingency Fund from a full-service to a discount broker, a motion on authorization to make transactions in the fund required by the new broker was made and approved.

- A motion and made and approved that roughly 40% of the Building Contingency Fund should be investment in bonds or a bond fund with the remainder placed in conservative investments.

- The board approved ordering 48 blacksmithing-motiff belt buckles. These are about 2½" high by 3" wide with a blacksmith in his shop in relief, colorfilled. They will be resold for \$8.00 each. These are nice buckles.

- Quad-State '88 was discussed as to areas in which improvements or changes should be made. No direct action was taken on a 1989 event.

- Sponsorship of blacksmithing demonstrations and sales at the Ohio State Fair was discussed. A motion was made and carried that we formally state our position to the appropriate office at the fair. That position is we will neither sponsor nor endorse individual demonstrators since we cannot control the quality of their work. We will continue to list the event in the newsletter when notified by the fair. Individual blacksmiths must make their own arrangements to demonstrate.

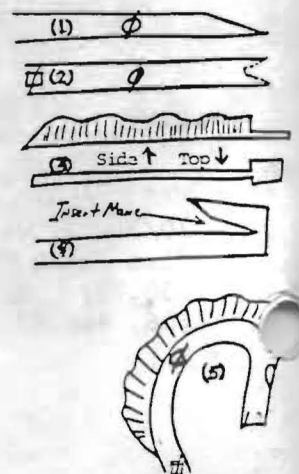
- Member Bud Rupe made a time-remaining presentation on ways to increase membership attendance/involvement. No actions were taken, however, the presentation will continue at the next board meeting.

All board meetings are open to members. They are normally held prior to the regular meeting starting at 12 AM in the Peter Cabin. Contact any of the group officers for the specific time and place of the next meeting.

The only additional items covered before the members prior to the demonstration was a request that coal be picked up only on the day of the regular meeting to the maximum extent practical. Those picking up coal are expected to provide their own containers, do their own weighing and loading and pay Emmert at the time he specifies.

The demonstration was a horsehead fireplace poker with a separate mane by Ken Scharabok. It is based on the technique used by Jay Reakirk at the 1988 National Conference.

The basic steps are 1) put an angular point on the end of the bar (1/2" square was used); 2) cut out ears leaving a space between them about 1/8"; 3) make a mane (1/4" x 1/2" stock was used) with one end flattened like a thumb latch the width of your stock and the remainder flattened and chisel marked to represent strands of hair, and 4) cut head area and fold it over in preparation for a faggot weld, insert flattened area of mane between top and bottom of folded over area, compress into a sandwich with the front of the mane resting between the previously cut ears and forge weld top, bottom and mane insert into a one piece head. Once securely welded (spot welding was used to hold the mane in place for forge welding), facial features were added and the head bent over with the mane following the curve of the neck. This is a highly stylized head.



During the demonstration the comment was made on the difficulty in forge welding A-36 steel. Ron Thompson, a metallurgist by trade, pointed out A-36 is intended as a structural steel with tensile strength as the key factor - not the combination of alloys. Thus, the element mix (primarily the carbon and magnesium content) can vary from piece to piece significantly.

Following the demonstration a knife was made out of a railroad spike and Dave Clouse reforged the jaws of a pair of straight tongs to eyebolt shape.

1988 QUAD-STATE BLACKSMITHING ROUND-UP RESULTS:

We are not sure if it was because of us, or despite us, but the 1988 event greatly exceeded our expectations. Based on the past several events, we expected somewhere in the neighborhood of 325 total paid attendance (which includes family members who paid to watch demonstrators). The 1988 attendance was about 380 or about one-fifth more than expected. Normally folks don't start arriving until Friday evening after working hours. This year they started arriving Friday morning and kept coming. It appeared to me we had more folks on the grounds late Friday evening than we normally have on Saturday evenings.

All of the demonstrators were excellent. The display of knives produced by Hugh Bartrug wow-ed even seasoned knife makers among our group. His mokume demonstration may have been the first time it was demonstrated in this part of the country at such an event. Peter Ross and Nol Putnam gave their usually fine demonstrations. Local members Doug Fink and Duane Wegley also gave excellent demonstrations, as did Robert Maki on engraving. For other groups looking for a beginning blacksmithing demonstrator, Duane comes highly recommended by the officers of this group.

We did have several areas in which improvements can (and will) be made. The early arrivals on Friday meant the port-a-johns needed to be cleaned out Saturday afternoon instead of our normal early Sunday morning clean out. Correcting this will just be a matter of changing our agreement with the supplier. The concessionaire left much to be desired. The concessionaire we have had in the past, Babe's Concessions, sold out to these folks who apparently normally work auctions. The quantity and quality of what they sold wasn't anywhere near what it has been in the past. If anyone knows of a full-service, quality concessionaire who would be available Friday evening, Saturday and Sunday, please let us know. If attendance is to continue on at this level, we will probably change from trying to have three demonstrations going at any one time to four. This can be accommodated by putting up a tarp on the closed end of the U-forge Shelter.

The last item I would like to mention is that we will probably not continue the tongs competition (or at least not set a restrictive time limit on it) since something has happened to one of the participants each year. The first time one participant dropped out with heat prostration, the second one participant hit himself on the head with his hammer pretty hard (it bounded off the anvil), and this year Bud Rolston suffered a mild heart attack while participating. Suggestions for some type of entertainment on Saturday evening would be appreciated.

The decision to hold a 1989 event won't be made until early in 1989. Since a yes decision is immediately followed by the question of who should we invite to demonstrate, if you have any recommendations, please let one of the group officers know. Also let us know if you know of any craft people who would be good, hands-on demonstrators for the Spouses Program. Potential crafts might be broom tying, basket weaving, etc. Please get their name and address if you run across any potential demonstrators at craftfairs, etc.

Thanks goes to all those who helped make this year event such a success.

EMMERT STUDEBAKER'S MAPLE LEAF CANDLE HOLDER: (By Bud Rupe)

At the September 10th, 1988 SOFA meeting, Emmert demonstrated making one of his famous maple leaf candle holders. Emmert began by going outside and selecting the perfect maple leaf. Every leaf in nature has its own unique shape and form, but try to find the leaf with a basic design which will help during the cutting of the metal. Transfer the outline to hard paper pattern and cut it out. For the candle base use 3/16" to 1/4" steel plate. 1/4" is the best to help provide proper weight and balance. Transfer pattern to the steel plate by using an aluminum pencil (available at stationary stores). Hand or torch cut the basic shape. Emmert has his blanks cut out from scrap at the production plant. (You can also use heavy gauge brass or copper for the leaf and cup. - ed).

Final shape of leaf base must be final before forging takes place. Some file time may be necessary. Emmert noted each leaf is different so accuracy cutting is not critical. Before forging, Emmert also stamps his name into each piece to leave his legacy for future generations. Sounds good to me!

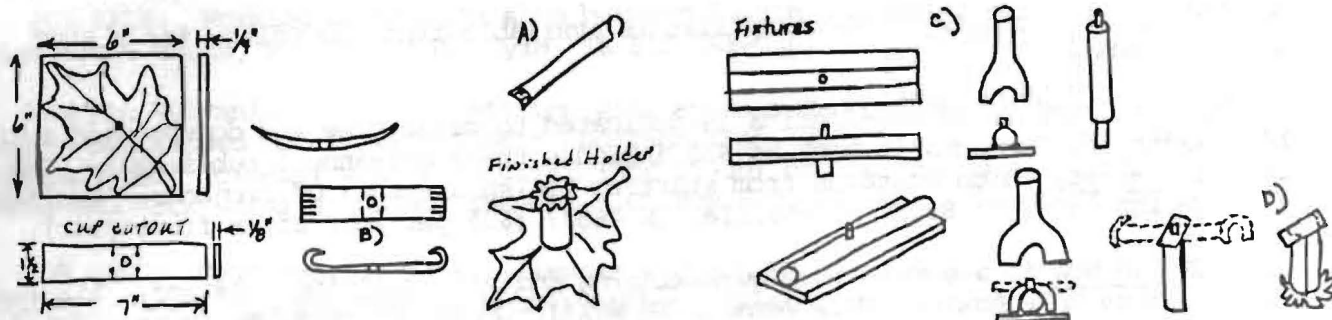
Using a heavy hammer and a cupped shaped chisel with a concave cutting edge (see illustration A) which is lower in the center than the ends, cut in the main leaf veins. Remember each point on a maple leaf needs a vein. This chisel will insure a constant reference point and will not wander from your pencil line. A common cold chisel will tend to cut its own path and develop small marks which will be hard to connect. Find center of the leaf and punch or drill using 1/4" drill bit which can be opened up with a "f" drill if needed for later riveting.

When heating leaf for forging, watch to avoid overheating the stem and leaf points. Wire brush slag off leaf before hammering. Use a medium weight hammer which has a rounded face to provide better workmanship and to reduce the amount of hammer marks in your leaf. Hold leaf at an angle and bevel the leaf edges. Round up the leaf to give the cup shape and be sure to flatten the center of the base, drilled hole on center, to insure proper standing of candle holder.

To produce the candle holder cup, Emmert uses 1/8" x 1 1/2" x 7" flat steel stock, although he is now designing and developing a cup made of 3/4" diameter pipe. Find center at 3 1/2" and drill a 1/4" hole for receiving the rivet. Drill holes 3/8" off center for easier cutting of the base of the cap (see illustration B). Heat each end of the stock and draw down to 1/16" to help curl the ends. Heat and curl both ends of the stock using a light weight hammer. Start bending over the end of anvil and finish curls by cutting curl up against step between face and cut-off block. Note: curls must be same distance from center to provide proper placement when the two sides are formed together to make the cup. Cut slots using cut off saw or hacksaw to make individual curls. Emmert cuts 4 slots to provide 5 curls on each side to give a total of 10 curls. To each his own if you feel creative.

Emmert has developed special fixtures for bending the flat stock into the round candle cup shape. He uses a 3/4" round rod with a 1/4" pin on center welded to a flat plate with a square shaft welded on bottom center to be placed into hardy hole. To aid in the forming of the two sides of the cup he uses a special forming tool shaped like a tuning fork (see illustration C). Heat the cup stock and place on 1/4" pin on the 3/4" shaft. Using the forming tool and hammer strike stock working center outward. Repeat on opposite end. Note: do not strike base area. Using a special pritchel hole tool (3/4" diameter stock with 1/4" pin in top and a shaft which fits in the pritchel hole) tap and form cup into the final shape. Note: After forming check relationship of curls and matching of the two sides and make cup base flat to aid in riveting. With cup formed cut or grind extra flat stock off of cup base area (see illustration D).

To provide a fall season-type color, heat finished pieces separately using oxyacetylene or other heat source starting at center on leaf and bottom of cup to obtain desired colors by letting tempering colors run out. Using a 1/4" rivet, fasten both pieces together. Countersink bottom of base or hammer flat to let base lie flat.



SAFETY PRECAUTIONS FOR OXYACETYLENE RIGS: (By Doug Fink)

- Before attaching pressure regulators, open each cylinder value for an instant to blow dirt out of the nozzles. Do not stand in front of valves when opening them.
- Never use acetylene at pressures in excess of 15 P.S.I.
- Always keep cylinders chained in upright position.
- Test all joints with soapy water from spray bottle.
- At the end of the day; shut both cylinder valves off, turn on valves at torch to drain lines and regulators, turn regulator tension screw out. This will keep possible leaks from building up overnight and keep pressure off the regulators.
- At the start of the day; open the cylinder valves slowly to prevent damage to the regulator high pressure gauge mechanism. Be sure regulator tension screw is released before opening the valve. Do not open acetylene valve more than 1/2 turn; oxygen valve should be opened all the way. If wrench is used on acetylene, leave it on the stem of the valve while the cylinder is in use so the acetylene can be quickly turned off in an emergency.

HEAR YE! HEAR YE! HEAR YE!:

FOR SALE: Four burner Johnson gas forge/furnace with accessories, \$700.00. Contact Dave Jonas, Parma, MI 313-531-3813.

FOR SALE: Blacksmithing tools and equipment. Many sizes and types of tongs, anvils, tools, etc. Also have post drill, forge blower and hot shear. Send large SASE for complete list to Tom Rutkowski, 18062 Hamburg, Detroit, MI 48205 - 313-526-7201 after 7:30 PM.

FOR SALE: CUSTOM-MADE BLACKSMITH STOCKING HAT made of 100% washable yarn. White/black, red/black, blue/black - \$14.00 postpaid. Contact Sheri Stanaitis, Rt 1, Box 171B, Baldwin, WI 54002. Keep your head warm while forging this winter.

FOR SALE: HEAVY-DUTY, CAST-IRON FIREPOTS. Made to last for generations. Contact Bob Zeller, 513-849-1771.



BEGINNING BLACKSMITHING OR DAMASCUS-PATTERN CLASSES. Contact Larry Wood, 513-233-6751. Classes are conducted at Larry's shop near Huber Heights, OH.

The following local members usually have anvils, leg vises and handtools for sale: Joe Abele - 276-2977, Steve Roth - 836-8520, and Ken Scharabok - 429-3967.

A reasonably current membership list is available from the Editor for a SASE with 25¢ postage.

The Rural Smiths of Mid-America is dedicated to preserving and documenting rural blacksmithing. Membership cost of \$35 includes their tri-annual publication, The Traditionalist, which contains from start to finish sketches of projects. Contact Fred Caylor, 3602 S. 800E, Zionsville, IN 46077 (\$25 per year after first year).

THEN AND NOW is a combination buckskinning and blacksmithing magazine. Six issues for \$15 from P.O. Box 842, Mt. Vernon, WA 98273. Publication schedule is erratic.

DEMONSTRATORS WANTED FOR SOFA MEETINGS. Contact the Editor at 429-3967. The demonstrations don't have to be either elaborate or complex as we learn something in every demonstration. You can also demonstrate tooling you have made to do a particular job.

Carriage Hill's Blacksmith Shop needs weekend volunteers to demonstrate. Contact Dick Franklin at 233-4879. Located off Shull Road east of Rt. 201.

FOR SALE: 50 lb Williams-White powerhammer, completely restored, \$1,850. Wheelwright mandrel about 40" high, \$200. Contact Emmert Studebaker at 513-667-4451. This is Emmert's new phone number.

FOR SALE: Detailed and illustrated plans for a homemade 50 lb powerhammer. \$4.00 postpaid. Contact Hans Peot, 6425 S. Scarff Rd., New Carlisle, OH 45433 - 513-845-9934.

BOOKS ON BLACKSMITHING are available from: Norm Larson, 5426 Hwy 246, Lompoc, CA 93536; Jim Fleming, 156 Country Road., Beckenridge, CO 80424 and Centaur Forge, 117 N. Spring St., Burlington, WI 53105.

Classified ads for blacksmithing-related items in this newsletter are free. Send in your ad to buy, sell or swap.

The Arrowmont School of Arts and Crafts (Box 567 Gatlinburg, TN 37738 - 615-436-5860) Spring scheduled is: Feb 27 - Mar 3 - Richard Mawdsley - JEWELRY CONSTRUCTION; Mar 6-10 - Clair Sanford - HOLLOWARE/PATINATION, Peggy Simmons - CLOISONNE/CHAMPLEVE ENAMELING, and Ira DeCovan - BLACKSMITHING, BEGINNING TO ADVANCED; Mar 13-17 - John Cogswell - STERLING SILVER GRANULATION and Mar 20-24 - Alan Mette - ENAMELS, COLOR/PATTERN. Classes are also offered in weaving, fabric, clay, wood, basketry and paper. For a brochure, contact the school.

The 1989 Society of North American Goldsmiths (SNAG) Annual Conference will be Mar 15-19 in San Antonio, TX. For registration/information contact the San Antonio Art Institute (SNAG 89), Box 6092, San Antonio, TX 78209 - 512-824-7224.

WANTED: Full-time smith wanted with 2-years forging experience. Send resume to Glen Gilmore, Gilmore Metalsmithing & Architectural Ironwork, 100 Industrial Park Dr., Box A4, Waynesville, NC 28786 - 704-452-3566.

FOR SALE: 250 lb trip hammer, EC, 7 1/2 hp, 3-phase motor, \$4,000. Contact Greg Leavitt, Upper Back Forge, 476 Valleybrook Rd., Wawa, PA 19063 - 215-358-1766.

FOR SALE: POWER HAMMER BOOK: IBA is offering a collection of letters on power hammers. The cost is \$3.50 postpaid - with \$1 going to ABANA. This book will be an asset to anyone with a power hammer or wanting to rebuild one. Send order to Ron Porter, RR 1, Box 64, Bunker Hill, IN 46914 - payment payable to I.B.A.

FOR SALE: 50 lb Moloch power hammer with 3 hp, 3-phase motor - EC. \$1,000 or best offer. Contact Fred Derr, 11816 N. Wauwatosa Rd., Mequon, WI 53092 - 414-242-4017.

For Nazel technical information and spare parts, contact United Engineering Representative, Mike Bondi, 1818 Shorey St., Oakland, CA 94607 - 415-763-1327.

FOR SALE: Working blacksmith shop between Austin and San Marcos, TX. Contact Davey Faye Jacks, P.O. Box 565, Kyle, TX 512-268-0501.

The Pennsylvania Guild of Craftsmen will sponsor two workshops in 1989, Mokume-gane (woodgrained metal) with Albert Anderson (Feb. 25-26) and Joinery in Iron (hot and cold joinery) with Fred Crist (Apr 28-30) on the campus of P.S.U., Univ. Park, PA. For details contact them at P.O. Box 820, Richboro, PA 18954 - 215-860-0731.

FOR SALE: Foot-powered treadle hammer - about 50 lb drop weight - free standing - \$200.00. Gas forge assembly - bricks, tank, regulator, and valve - needs blower. \$50.00. Contact Ken Scharabok, 429-3967.

FOR SALE: Two cast iron forges, \$150 ea. Anvil with tools. Misc. tongs. Contact 313-798-8454 (Eastern Michigan area).

FOR SALE: 50 lb Murray powerhammer, EC, \$1,200. 50 lb Little Giant - needs work, \$600. Call John Steel at 412-774-6765 (Pittsburg area).

WANTED: Complete set of metric screwdrivers. Ken Scharabok, 429-3967.

Received word Hugh Bartrug (the knife demonstrator at the 1988 Quad-State) took second place in the Custom Folders category at the Chicago Blade Show in September. The December 88 issue of Blade Magazine will contain an article on Hugh's mokume (with color photos).

FOR SALE: Repaired anvils, 112 lbs - \$125 and 150 lbs - \$150. Leg vise with 5 1/2" jaws in good condition - \$65. Contact Ken Scharabok, 429-3967.

FOR SALE: 18" rivet forge in EC - \$175. Contact 223-6906 before Nov. 15th. Can be seen at 558 Emerson Avenue in Xenia after then. Renters will know how to contact forge owner.

FOR SALE: 25 lb Little Giant with sow block and three phase motor - nice - \$1,000. 50 lb Little Giant - \$1,450. 50 lb Mayer - \$850. Contact Russell Cashion, 720 Bell Rd., Antioch, TN 37013 - 615-834-3215. The 50lb Little Giant is new.

WANTED: 200 lb anvil in good condition. Contact Berry Bate, 15 Broadway Ave., Asheville, NC 28803 - 704-258-8899. (Telephone Nr. may be incorrect - ed).

WANTED: 100 lb powerhammer, prefer Little Giant, Mayer Brothers; but will consider anything in decent working condition. Contact Gary Anderson, 1112 Lucabaugh Mill Rd., Westminster, MD 21157 - 301-876-6299.

While the blacksmithing school Francis Whitaker is setting up is making excellent progress, additional donations to the school in Francis' name would be welcome. Send to Rocky Mountain School, 1493 County Road 106, Carbondale, CO 31623 - Attn: Francis Whitaker Blacksmith School Fund.

FOR SALE: Gas forge - \$250 and portable Lincoln Welder - \$100. Contact Gary Smith, P.O. Box 51, Norris, TN 37828 - 615-426-2605.

If you have an anvil which you would like identified, send a photo of it along with size specifications and any identification marks to Richard Postman, 19 Fisher Ct., Berrien Springs, MI 49103. He is an authority on anvils and may put out a book on their history and manufacturers.

In the last issue of the newsletter I included a letter from ABANA Membership Coordinator, Nol Putnam but neglected to include his address. It is P.O. Box 341, The Plains, VA 22171. He reports that as of September 13, 1988, ABANA membership was 2,670, up considerably from the average yearly membership of the past year or so. He requests each current ABANA member to recruit one new ABANA member to provide ABANA with the flexibility and resources to do some amazing things.

For information on the 1989 ABANA Tour to England and the First Festival of Iron in Cardiff, Wales, send a SASE with 25¢ postage to Janelle Gilbert, ABANA Executive Secretary, P.O. Box 1181, Nashville, IN 47448. The tour will be in August for about 2 weeks. Cost for the entire tour package should be around \$2,000. It is being arranged by Leonard Masters, ABANA Tour Coordinator, who has also organized the past two highly successful tours.

The new ABANA brochure has now been published. If you would like a supply to give out to prospective members, contact Janelle Gilbert at the above address.

Now available is the collector's edition reproduction of the 1909 Champion Blower and Forge Co. catalogue through the Appalachian Blacksmith's Ass'n. Cost is \$6.50 postpaid from Bob Wagner, Rt. 1, Box 9A, Old Fields, WV 26845. 36 pages in 8½"x11" format with a plastic spine. Contains a wide variety of tools and equipment.

There will be a Damascus-Knife-Making Workshop at The Unicorn Forge, 105 Crescent St., Mazomanie, WI 53560, January 19-23, 1989. This workshop will feature four top blacksmiths - Carol Sakowski, Bill Fiorini, Mike Rochford and Loury Huesmann. This will be an extensive, hands-on workshop. For further information call 608-795-2916 (let the phone ring at least twenty times as it's in the shop).

For reference (not registration) purposes Mike Shaffer (1155 Dantel Ct., Stone Mountain, GA 30083 - 404-469-2680) is collecting touchmarks from blacksmiths. When he has sufficient entries, he will publish a catalog with the touchmarks, name and city and state of the user. He hopes in this way future generations will be able to identify the maker of hand-forged ironwork. The easiest way to send him your touchmark would be to use an ink pad and stamp it on the back of your business card or stamp it into a piece of soft metal and mail it to him. All SOFA members with touchmarks are strongly encouraged to send a likeness to Mike for his directory.

At the Round-Up, Liam Burke (8348 M 72 SE, Kalkaska, MI 49646 - 616-258-8537) ask me to mention he is involved with the construction of an 1851-era trading schooner, the Madeline, at Traverse City, MI. He would welcome any other blacksmith interested in helping to forge hardware for the project on a volunteer basis. For a write-up of a similar project on a larger scale, see a series of articles in the Fall 85, Spring 86 and Summer 86 Anvil's Ring.

FOR SALE: 115 lb anvil and 18" diameter rivet forge. Asking \$220 for both. 849-0767 after 4 PM (Medway area).

FOR SALE: 100 lb Little Giant powerhammer - \$2,500. Contact Stephen Schwarzer, 904-328-3316 (North Florida area).

FOR SALE: 200 amp AIRCO HORNET Welder, 4-cylinder, gas driven - \$1,200. Contact Jerry Grice - 904-878-1977 or 904-421-4788 (Tallahassee, Florida area).

FOR SALE: Dies for 25 lb powerhammer - \$50. Contact Roy Plumlee, Rt 3, Box 48, Tamaroa, IL 62888.

A ten piece Cobalt drill set (1/16" - 1/4" is available from Harbor Freight Salvage, 3491 Mission Oaks Blvd., Camarillo, CA 93011-6010 for \$13.99 plus S&H. These are used for drilling in stainless and other high alloy steels including heat-treated steels. Their toll free number is 800-423-2567 - catalog on request.

WANTED: 8" post vise in any condition. Will buy or trade for a real nice Buffalo forge. Contact Paul Lacy, 614 Midland Trail, Covington, VA 24426 - 703-962-1067.

Interested in having a piece of your work incorporated into a pair of gates at the entry to the National Ornamental Metal Museum? To commemorate its 10th anniversary the Museum will construct a magnificent pair of Renaissance-style gates with repeating elements and will allow individual smiths to participate by making a S-scroll and individually styled rosette for incorporation. These must be completed and sent to the Museum (based on design drawings to be furnished) by the end of April 1989. For further information send me a SASE with 25¢ postage.

DEMONSTRATOR WANTED for the ARTS SHOWCASE '89, April 22nd-23rd, at the Dayton Art Institute, 12-5 PM each day. For further information contact Suzanne Mitolo, Director, Miami Valley Arts Council, 513-228-0737.

ATTENTION DEMONSTRATORS: When you demonstrate for the public please do not indicate you are sponsored by or represent S.O.F.A. unless the quality of your work has been approved by the Board of Directors in advance.

The ARROWMONT SCHOOL OF ARTS AND CRAFTS will have a number of Spring and Summer assistantships, scholarships and work assistantships available. Assistantships generally required a degree in arts or comparable work experience. Scholarships and work assistantships are available for students in various mediums. For further information contact the school at Box 567, Gatlingburg, TN 37738 - 615-436-5860.

HELP WANTED to work on large architectural projects. Contact Mark Bokenkamp, 10132 Liberty Road, Powell, OH 43065 - 614-889-0819.

FOR SALE: Electric, castiron blower - \$25. Contact Craig Williams at 277-5923.

FOR SALE: 50 lb Little Giant. EC - ready to use. Includes two sets of dies and single phase motor. Asking \$1,000. Contact Tom Brinnen in Urbana at 653-5633 evenings.

The Valley Forge & Welding Co. sells leaf veinners and anvil saddles for the hardy hole, blowers, gas forge burner blocks, burner gate valves and burner adapters, vise spacers and vise angle blocks for making wizard heads. For a brochure send a business size, self-addressed, stamped envelope (25¢) to 30-C E. San Francisco, Willis, CA 95490.

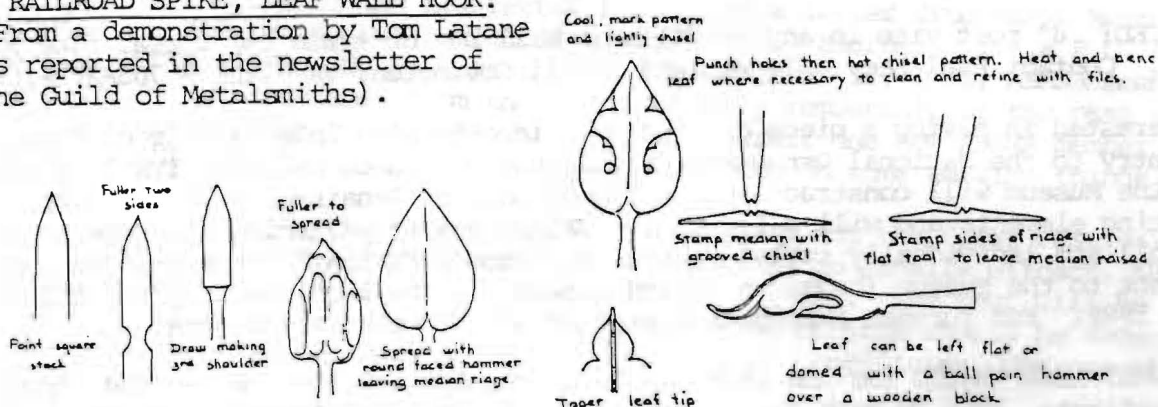
The Aug/Sept 88 issue of the newsletter of the Blacksmiths' Guild of the Potomac contains size specifications for a very nice forge hood and a three-page article by Brad Silberberg on making and using scroll bending jibs. For either of both send a 25¢ stamp. Scroll bending jigs are essential for making multiple copies of the same scroll.

TIPS AND TECHNIQUES: The following were, for the most part, paraphrased from other ABANA Chapter or affiliated group newsletters. While the information presented herein, and elsewhere in this newsletter, is believed to be accurate, neither SOFA nor ABANA assume any responsibility or liability for the accuracy, fitness, proper design, safety or safe use of any information, technique, material, tool design, use, etc., contained herein. Use is solely at the user's own risk.

- CUTTING FLAT STOCK: Cutting flat stock (e.g., 1/4" x 1 1/4") is far easier if you cut part way across the flat (1/3rd to 1/2) and then snap the metal in two. The fractured portion can be easily dressed on a grinding wheel. This take far less effort than cutting through on the narrow part.

- CUTTING THREADS LUBRICANT: Beef, mutton or even deer tallow will work as an excellent lubricant for cutting threads. (By Alan Loose from the newsletter of the Western Canadian Blacksmiths' Guild).

- RAILROAD SPIKE, LEAF WALL HOOK:
(From a demonstration by Tom Latane as reported in the newsletter of the Guild of Metalsmiths).



- SOLDERING KNIFE BLADE GUARDS: When soldering guards on a tempered knife blade, clamp the blade between two pieces of 1/4" copper. This will provide a heat sink and preserve the temper of the blade. (By Michael Merickel).

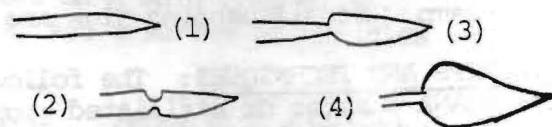
- TIPS FROM THE NEWSLETTER OF THE TULLIE-SMITH HOUSE BLACKSMITH GUILD:

-- THIRD HAND: To hold longer lengths in the fire, attach a "third hand" to the front of your forge. One method is to bend a piece of 5/8" (or so) round rod 90°. One leg will go across the front of the forge and the other into a short length of pipe for a sleeve. A hole is drilled in the sleeve, a nut welded over the hole and a handle welded to the head of the bolt for the clamping device. The sleeve is then attached to the front of the forge at one side. When you need it, just swing the arm out to the height and distance desired and clamp it in place. You are in business. (By Mike Shaffer).

-- IRON STRETCHER: You can use bar clamps to bring outward-bowed railings, etc. into alignment, but what about inward-bows. A device to pull the rails apart can be made by using a suitable screw-type bumper jack. Remove the bottom plate and add a piece of angle iron as a foot. At the grabber tooth, weld on a piece of flat stock but don't interfere with the screw action. Replace the crank with a 'T' handle. (By Stan Strickland). (It appears you could adapt a standard-type bumper jack in much the same way. - ed.)

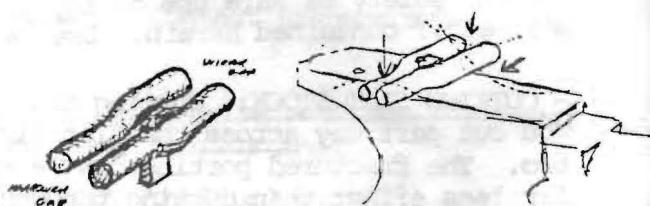
-- SQUARENESS OF OUTSIDE CORNERS: To check the squareness of two pieces of welded stock, cut the outside corner off of an old rafter square. Now you can check the squareness from the inside without the weld bead getting in your way. (By Charlie C.).

- FORMING LEAVES: To form leaves at the end of round stock, draw bar to a point (1). Use a small spring fuller to form groove at base of leaf (2). Taper stem to fullered area on edge of anvil (3). Hammer and peen leaf to desired shape (4). Finally, vein and curl leaf to suit. (By John Burris).



- DOUBLE PRONGED ANVIL TOOL: Made from 1 1/4" round, 10" long - two required slightly crooked in the center. Arc weld to a square bar fitting your hardy hold. Set crosswise on the anvil. By spacing the two bars at different widths, you can curve, cup or bend to different radius curves.

(From a demonstration by Jack Brubaker as reported in the newsletter of the Upper Mid-West Blacksmith Ass'n).



- QUICK FORGE: Build a frame about 3'x4'x3-4", set in a firepot upside down, reinforce, pour concrete in form, attach blower mechanism and turn upside down on concrete block legs.

ABANA

Artist-Blacksmiths' Association of North America



P.O. Box 1181, Nashville, Indiana 47448
Executive Secretary, Janelle Gilbert

Office Hours: 7:30-11:30am & 1:30-4:30pm
Phone: (812) 988-6919

M E M O

September, 1988

TO: ABANA Members (via Chapter Newsletters)
FROM: Dorothy Stiegler, ABANA President
DATE: September 1988

ABANA President's Message

Dear Friends,

It's unfortunate that I must start this with some very sad news. This past week on September 8, the beloved wife of Richard Quinnell - Ginny Quinnell - passed away from a long illness. As most of you already know, Richard Quinnell was one of the founders of the British Artist-Blacksmiths' Association (BABA) and staunch supporter of ABANA. I know that many of you will be wanting to send your condolences and Richard has indicated that toys or trust funds for his baby granddaughter would be more appropriate than flowers that would fade away. Any responses may be sent to: Richard Quinnell, Oxshott Road, Leatherhead, Surrey England KT22 0EN.

We should have the results of the ABANA Board elections out by October 1st. I will give you the names of those that you have selected in the October update. I want to thank all of you for taking time to vote. It is our plan to seat the new members at the fall budget meeting at Tipp City, Ohio in November. They will assist us in setting the 1989 budget.

A special mailing will be coming your way soon to vote on the clarifications of the ABANA Bi-Laws. Special effort to work with the original founders of the bi-laws have been taken to insure the original intent. Your help with this very important project will be greatly appreciated. This should be finished by the close of 1988.

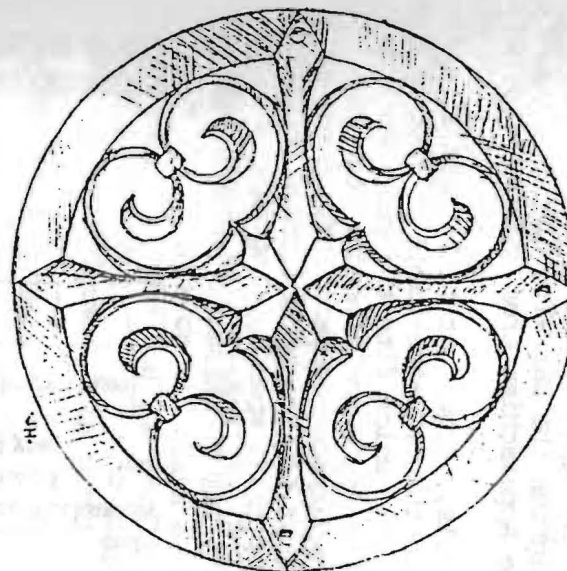
We are catching up on past due IRS obligations that have needed attention for several years. We have almost finished and it sure feels good. In addition, we are going over ABANA non-profit classification concerning Francis Whitaker's Educational Book Fund Grant. Your chapter presidents and newsletter editors will receive news soon so you can take advantage of this educational opportunity.

The ABANA membership is climbing steadily and I can't say strongly enough how it pleases me to lead such a fine organization. However, the real link to the individual smith in the field is you, the chapters. We of ABANA are here to link us all in ways that cannot be met on a small scale. I need your suggestions badly as to how we can personally make your job easier. We are trying very hard to bridge this vast gap that has been allowed to overtake us. If you can drop me a line with your suggestions before the board meeting on November 14th, I will personally address the board with all comments.

I want to thank all of you newsletter editors for running this update. You are ABANA's monthly lifeline to our members.

Most sincerely,

Dorothy Stiegler

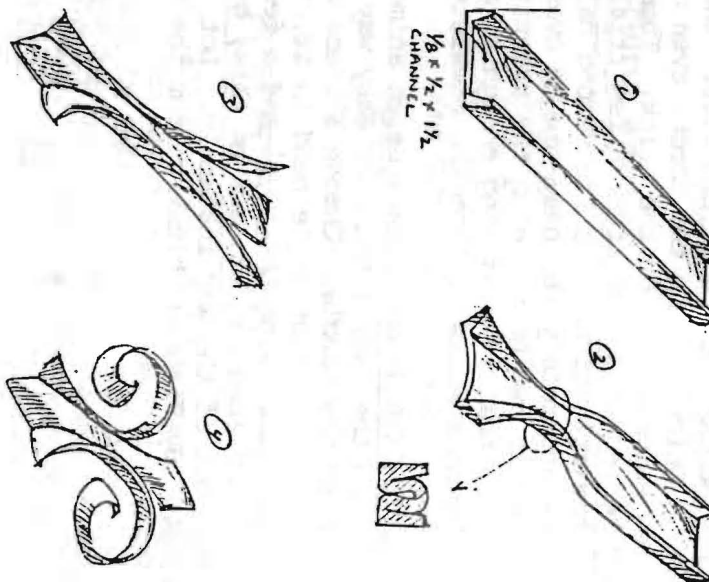


Newsletter of the Blacksmiths Association of Missouri

11/88

Development Of Design Shown On Front Cover

by Jerry Hoffmann
(314-629-4061)



ABANA

Membership Application

Name: _____
 Address: _____
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 Phone: () _____ Zip: _____
☐ New Member ☐ Renewing Member
 How did you learn about ABANA? _____

Regular Member	\$35.00 yr
Family Membership (one Vote)	\$40.00 yr
Senior Citizen (age 65)	\$25.00 yr
Overseas Membership	\$45.00 yr
Contributory	\$100.00 yr
Library	\$25.00 yr

I _____ hereby
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 Association of North America and enclose \$ _____
 as my annual membership dues for one year.

MasterCard ☐ VISA ☐ Check/Money Order ☐
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 Exp. Date (Required) _____ / _____

Checks must be in U.S. currency.
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SOFA SOUNDS
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6/89



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