

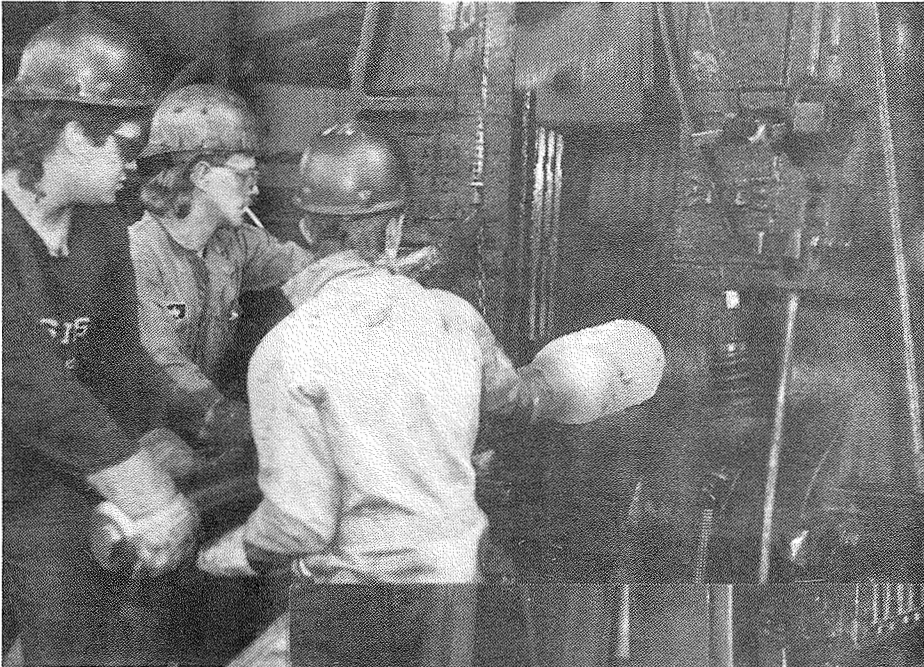
CHAPTER OF ABANA

Hot Iron News

VOICE OF THE NORTHWEST BLACKSMITHS ASSOCIATION

FALL 1993

\$ 4.00 U.S.



**INDUSTRIAL
BLACKSMITHING,
THE
CONTRAST**



1993 NWBA OFFICERS AND BOARD MEMBERS

NWBA
P.O. BOX 81041
SEATTLE, WA 98108

President:

Grant Sarver
2311 Ross Way
Tacoma, WA 98421
(206) 572-7460

Vice-President:

Joe Elliott
1926 SW 25th
Redmond, OR 97756
(503) 548-2564

Secretary:

Dennis Prince
790 NW Commercial Street
Madras, OR 97741
(206) 475-6506

Treasurer:

Ike Bay
13085 NW Ridgetop Drive
Portland, OR 97229
(503) 645-2790

Editor:

Margaret Byers
2311 Ross Way
Tacoma, WA 98421
(206) 572-7460

Director:

Jeff Holtby
5386 S Thompson Rd
Langley, WA 98260
(206) 321-7203

Director:

Ben Atherley
1340 Pingston Creek Road
Kettle Falls, WA 99141
509-684-8701

Director:

Kent Rudisill
2520 SW 45th Street
Corvallis, OR 97333
(503) 753-2543

Hot Iron News is the official quarterly publication of the Northwest Blacksmith's Association. Submission of materials for the magazine is eagerly encouraged. Editor is Margaret Byers. Dead-line for submissions are February 15th, May 15th, August 15th, and November 1st. Other ABANA Chapters, blacksmith's associations, and non-profit educational metals oriented groups have permission to reprint non-copyrighted material found within the covers of **Hot Iron News** as long as credit is given to the authors, the magazine and NWBA. The Northwest Blacksmith's Association, and the **Hot Iron News** disclaim 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 article in the **Hot Iron News**. The **Hot Iron News** makes every effort to insure the accuracy of the information contained in the articles published herein, but the use of any material or information is solely at the user's own risk. The **Hot Iron News** assumes no responsibility or liability for the accuracy, fitness, proper design, safety or safe use of any information, technique, material, tool design, use, etc., contained herein.

IN THIS ISSUE

NWBA Officers	Inside Front Cover
President's Message	4
Calendar of Events	5
Minutes	6
Grandpa's Toy Shop	8
Quench That Thirst	9
Designing For Production	10
Spring Conf Pics	11
Fall Conference Info	12
Technical Corner	14
Chop Saw Twist	15
ABANA Presidential Message	17
ABANA Liaison	18
Classifieds	Inside Back Cover

COVER:
AMERICAN & KOREAN INDUSTRIAL BLACKSMITHING

PREZ SEZ

Yes! The Fall Conference IS October ONE, TWO, and THREE! Hope this has not caused any problems. You know what they say: "When you're working with volunteers you get what you pay for!" The conference at St. Helens should be great. We've got some terrific demonstrators, great food and I'll personally guarantee the weather! Bring a pot luck and an auction item (wait'll you see mine!). I always enjoy the "Show & Tell" stuff people bring and we always welcome and encourage tailgate selling (seems people never get enough tailgate).

Gene (Mountain Man) Chapman and his wife have volunteered to do the newsletter for the next two years. Way ta go guys! And a huge Presidential THANK YOU! Then again this may be part of an insidious plot to take over the minds of our members. A slick power-play on the part of this blacksmith-driven-mad and his moll. No doubt this plan was hatched in the wee hours, after much Jack Daniels, deep in the bowels of Joe Elliott's Yurt! Then again maybe it's just a nice gesture. We'll never know until it's too late! We'll be watching, Gene.

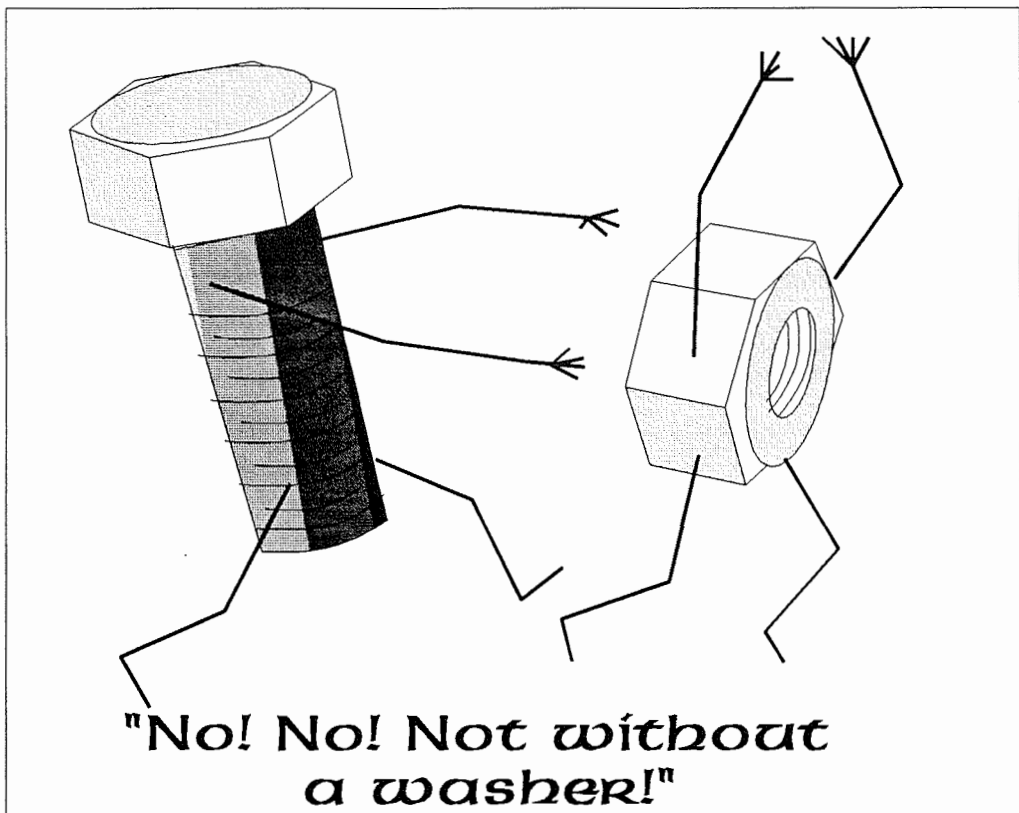
Gene has also been doing an excellent job with the novice

workshop program, but it seems the list just grows longer. Jerry Culberson does a magnificent job hosting these events, but is only able to fit in about two per year (I think it takes him that long to get his shop back in order). If you would be interested in having your shop invaded by twelve novices, thrown into utter chaos for three days and driven totally stark raving mad looking for that one pair of tongs afterward, talk to Gene Chapman!

See You at the Conference,

Grant N. Sarver Jr.

Grant (you can call me Prez) Sarver



Calendar of Events

October 1-3, 1993

FALL CONFERENCE - St. Helens, Oregon Fairgrounds, Jeff Holtby and Joshua Greenwood demonstrators, Jerry Henderson chair, (503) 397-6131

PLEASE NOTE: **Novice Workshops** will be held at Jerry Culberson's Old Cedar Forge in Allyn, WA as soon as he has 12 people registered for a class. Contact Gene Chapman (206) 297-2495.

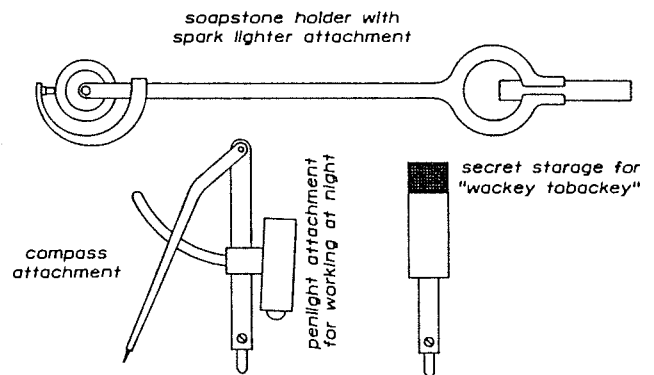
NWBA ELECTION RESULTS

48 ballots were received. The top four are as follows:

Joe Elliott - 44 votes
Grant Sarver - 41 votes
Kent Rudisill - 39 votes
D J Stull - 31 votes

Officers will be determined at the next board meeting by the board members.

THE GREAT SOAPSTONE
HOLDER CONTEST
\$100 PRIZE FOR BEST DESIGN \$100
BARNIE COSKI &
APEX FORGE
HAVE EACH PUT UP \$50.00
FOR THE BEST SOAPSTONE HOLDER DESIGN



NWBA MINUTES

July 18, 1993 at Ike and Kathy Bay's home in Portland

Meeting brought to order by President Sarver at 10:40 AM

Present were Grant, Margaret, Ike, Kent & Dennis. Joe showed up in time for lunch.

Absent were Ben and Jeff

Minutes of April 16, 1993 were approved

Financial report given by Treasurer Ike:

\$4989.00 in the bank

Approx. \$1000.00 in books

\$5800.30 Gross Income(Spring Conference)

\$1758.62 Net from Conference/Auction

\$ 460.00 Renewed memberships

\$ 290.00 NWBA clothing, books, magazines

The finances are in good shape. In order for the finances to be more easily understood the record keeping system may be changed. The Treasurer will run ideas past the board. We received our Federal Tax ID Number. Non-profit 501C status is being looked into to see which one is best for us. The Treasurer will also research receipts for items donated to the Association.

The bank signature card is still in limbo.

The membership roster will be updated and copies sent to all members in the near future.

We need to get a list of assets of the Association and keep track of them Dennis will be in charge of doing this.

The possibility was discussed of getting a trailer to keep everything in. Also we discussed getting boxes to keep different things in (I.E. Archives, Cooking stuff, Registrations, etc.). We decided to get boxes for now.

St. Helen's Fairground was discussed as possibly a permanent spot for our conference. We could possibly build a building there. Ike said that he would talk to Jerry Henderson and the St. Helen's fair people.

Kent had some information on the Board Member Handbook. Each member will write up a task description of their job.

The bleacher material is at Kent's shop in Corvallis. Grant will contact Jeff Holtby and get the drawings from him and get them to Kent who is in charge of this project now. He will be working to get some people together and get the bleachers done by November 15th.

Fall Conference will be at St. Helen's Fairgrounds. Ike is the Event Coordinator. Grant is going to contact Josh Greenwood and Joe is going to contact Jeff Holtby to see what kind of tools and materials they will need for their demonstrations. Dennis

Minutes

suggested that we also have things to do for family members not interested in the demos.

Spring Conference 1994 will be on April 22-24 and will be held at St. Helen's so that we can have the 15th Annual Conference in the North where we can get a better turnout. We are hoping to get Dorothy Stiegler as our Local Demonstrator and Toby Hickman, Jay Burnham-Kidwell or Peter Hapney as our Guest Demonstrator.

Plans for the 15th Anniversary are getting underway now so that we can make this an extra special event. We are hoping to hold this event at Barney Coski's shop in Tacoma. Grant is checking with Barney. Grant, Joe and Ben will be looking into demonstrators. It will be held in the first part of October 1994.

It was also mentioned that we should try contacting some of the Farriers in the area through Association schools and suppliers and see if we can spark some interest.

There are 43 people signed up for Novice Workshops. With this much interest, finding a 2nd Novice Workshop location was discussed, so that we don't have to rely solely on being able to get into Jerry Culberson's shop. Right now November is the soonest that Jerry and his shop will be available. Possibly Dave Thompson and his shop would be a good place for a southern location.

Margaret resigned as Editor of the Hot Iron News. We are very sorry to lose her and want to thank her for all of the HARD work and talent that she put into H.I.N. Ike has taken charge of the next issue and will look into having someone outside of the Association take over as Editor.

We talked about possibly extending the Board to help cover some of the big jobs so that we don't end up burning out people so fast.

Kent has a complete set of Hot Iron News back issues and is going to get together with the Editor and find out what the Association is missing. Then Kent will get copies to the Editor to fill in the gaps for reference.

Meeting adjourned at 5:25 PM

Respectfully submitted,

Your scribe,

Dennis Prince

PS: Thanks to Ike and Kathy Bay for graciously hosting the Board Meeting and feeding us a wonderful lunch. And Joe for his spud-gun.

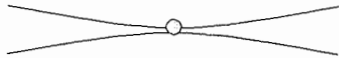
GRANDPA'S TOY SHOP

Sorry I haven't sent articles to fill Grandpa's Toy Shop. Been busy filling orders for repousse work.

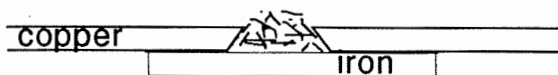
However here are a few suggestions - - -

Years ago I bought some no-stick aerosol spray for arc welding splatter as I was doing a job with scrolls and the splatter got down in between the scrolls and was hard to clean up. Yes I paid quite a bit for the can from our welding supply. However when I used it, it smelled like hair spray, so into the house I went, cabbaged a can of my wife's hair spray and tried it. Sure enough, it worked - the splatter doesn't stick, can be easily wiped off or wire brushed, AND I saved a bundle. Now when hair spray is on sale at any store I buy several. Especially when they are 99¢ or so. However don't arc on can or pressure will give you a sudden surprise - "Boom !" I have used hair spray about eight years now.

Grant Sarver said something about copper plate & welding. It may be the same thing that I use to button together scrolls & bars that converge side by side.



I use a 1/16" to 3/32" thick copper plate - drill the size hole of button I want - counter sink one side - which becomes the bottom side and put it over where I want a round rivet-like button (before using spray with hair spray).



Have used this since 1948 - Marquette Welding Rod people had a sheet metal tacking device that used this principle. However the rod (electrode) that was made to use was a low splatter rod which one probably can't get any more. So, since adoption is the father of many ideas - I adopted.

To get a good looking button - you may have to try several welding machine settings, heats, use a straight polarity DC rod or 6013 in AC machine.

Since we have had some talk about the Kaowool liners on our gas forges putting out fibers, I adopted another idea from Grant's forge boxes. He has an air pipe curtain in front which calls for an air compressor - and this is an expense plus for a hobby-type shop as the pipe uses plenty of air.

All I did was put an 8" fan on floor to blow up past front of forge - blows heat up into hood over forge. I can now heat iron and have less heat out in front of forge, so I can handle tongs, etc. without burning hair off of my arms.

I'm working on my next venture, so let you know how it works.

Grandpa Hersom

QUENCH THAT THIRST

At the risk of only further confusing the reader I will attempt to explain the difference between air, oil, and water. - - - - - Quenching that is. The first myth to expel is that a certain steel requires a particular quench medium in order to properly harden. The steel doesn't care in the least. All that is required is that the steel quench fast enough from its critical temperature so that a large part of it is converted to martensite (super hard steel).

In a simple W-1 steel this requires that the piece cool from about 1500 down past 800 in about one second. The cooling from there down can actually take up to a minute without affecting the final hardness. In a piece one-half inch thick this fast of a quench will require water. The same piece forged out to one-eighth inch thick for, say, a knife blade can be fully hardened in oil. It should be readily apparent that both pieces will cool at about the same speed in their respective quenchants. Only the speed is important! NOT the medium! It's just a matter of providing a fast enough quench.

Note that a piece of W-1 steel two inches thick will only harden about one-eighth of an inch deep as the center cannot transfer the heat out fast enough to harden. The transfer of heat outward from the center also retards the surface from hardening fully. Best hardening here would be obtained with a ten percent brine quench (unfortunately, this would also increase the chance of warping and cracking).

I've often thought that a time-based system

would serve well to designate steels, e.g. water-hardening steel would become "one-second steel", oil hardening ten second steel and air-hardening hundred second steel, or what ever their quench requirement is. This gives a better feel of what really needs to happen in order to obtain full hardness.

Severe quenchants usually cause more distortion and increase the risk of cracking. The least severe quench that will do the job should always be used. Slower hardening steels are used where deep hardening or less distortion is required. The size of the piece also affects the choice of quench. H-13 is designated an air-hardening steel but, in large sections I have risked using an oil quench in order to obtain the best hardness.

In a related vein I would like to say something about the use of a magnet to determine the proper quench temperature of steels. The temperature at which steel becomes non-magnetic is a phase change that allows carbon to be absorbed and works well as an indicator in plain carbon steels and some low alloys. Many alloys and tool steels require a higher temperature or a long soak time in order to obtain their best hardness. As an example, steels with tungsten as an alloying element may require in excess of 2000 degrees F. to reach full hardness. A magnet is of no help in determining the proper time to quench these steels.

Enjoy,
Grant

FROM THE QUILTERS' CORNER

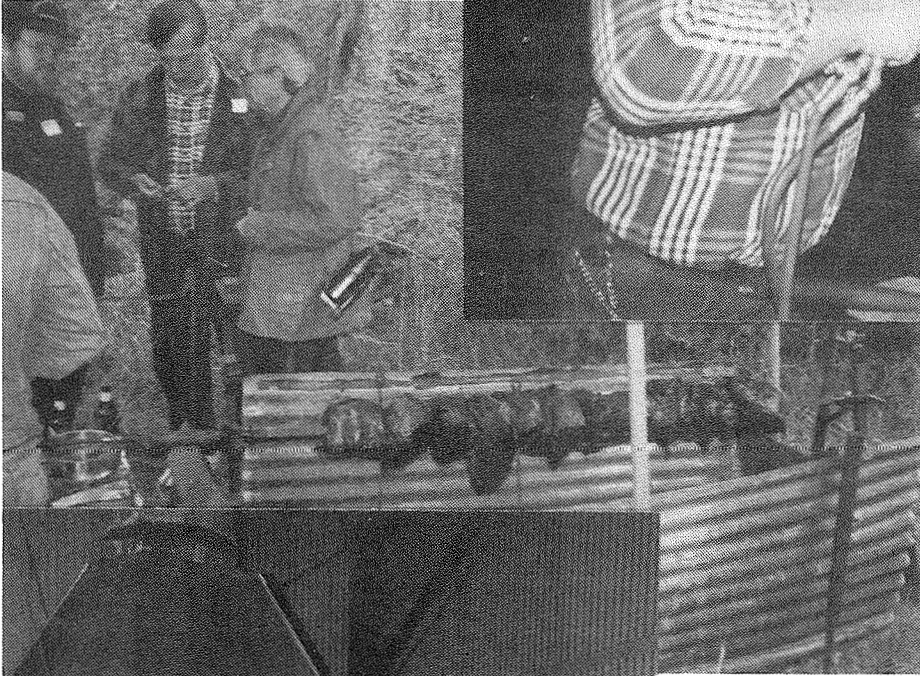
by Ina Culberson

We have been quite busy since Spring Conference readying the next quilt for the Fall Conference. It is almost finished so we want to remind you to bring your \$\$\$ to the the Fall Conference for the Auction. The quilt is queen-sized and all hand quilted with a stitched grid pattern in each solid dark block. We want to give special thanks to three ladies at Columbia Hills Retirement Center for their contribution of time, skill and interesting conversation. Emily Rosencrantz, Lillian Calkins and Louise Milliser's fingers were very busy, as they helped the NWBA ladies complete this quilt.

The next quilt is in the beginning stages, but we still need volunteers--THAT'S YOU MEN AND WOMEN who are participants in the NWBA. The next quilt is a tribute to the members of the NWBA and in order for it be representative and complete, we need YOU to provide us with your business card, logo and/or sketches for a quilt block that illustrates you, your family, your lifestyle, your business, etc. At Fall Conference stop by and see the blocks we already have completed and give us the information/ideas/sketches we need to do a block for you. We are not bashful and will seek you out if you don't step forward.



Barney Coski wanted to know what the ladies were doing. Linda explained as Betty supervised, and Phyllis and Ina kept on quilting.



DESIGNING FOR PRODUCTION

When the "Hot Iron News" arrived announcing the "Designing for Production" Workshop by Art Jones in Russell Jaqua's shop I mentioned it to my wife and her immediate response was "You're going to attend!". There were good reasons for her reaction and I'll mention some of them:

1. I can draw and design, but don't draw what I'm doing anywhere often enough.
2. I rarely, if ever, cost out my projects properly.
3. I do very little market research.
4. I skimp on finishing.

The Workshop got under way early on Monday, April 12 with Russell outlining the program. Firstly, we had to do some market research in Port Townsend and decide on our projects.

After lunch Master Blacksmith Art Jones gave us an outline of the "trough" tooling for the 3B Nazel. Art covered this very thoroughly including the correct steels to use, forming, heat treating, etc. and continued Tuesday morning.

It was a revelation for me to listen to Art about his background in the Armed Forces as a "heavy" blacksmith, his rise to the top in the shop and his eventual joining Michael Bondi of Bondi Metals in California.

His video tapes of "heavy" work were amazing.

Art, despite his lack of experience as a teacher is very thorough, lucid, explicit and very easy to

listen to (he does say Bondee in lieu of Bondeye, but that's alright!)

Tuesday morning the class went outdoors into the sunlight where Phil went through the many factors to be taken into consideration when "designing for production."

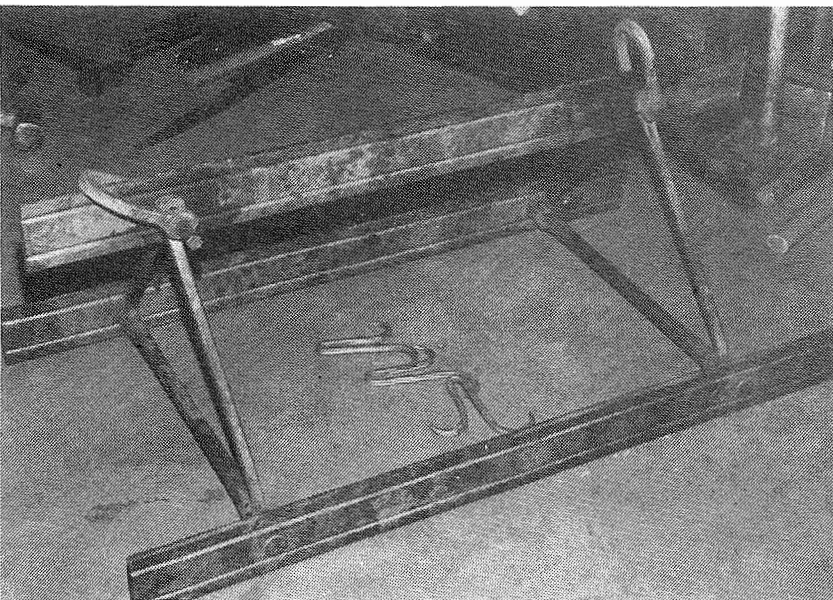
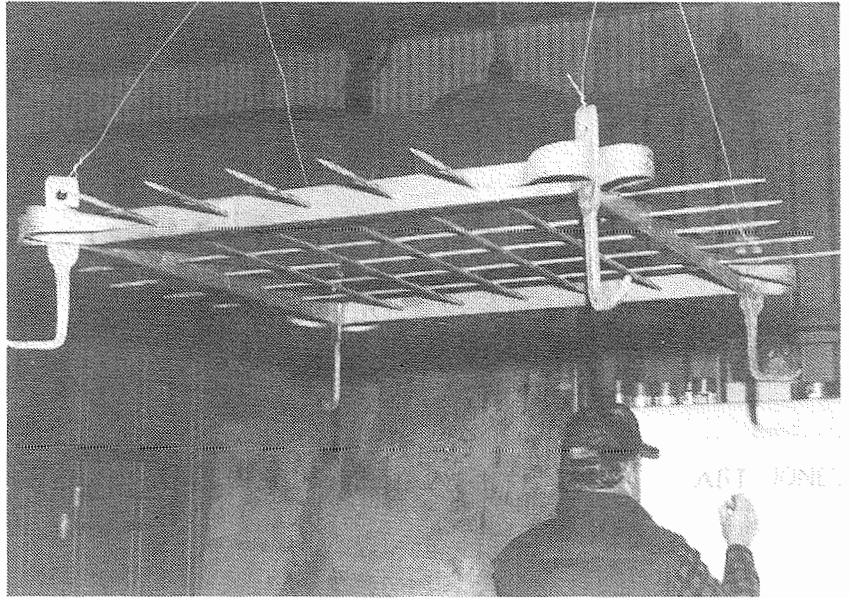
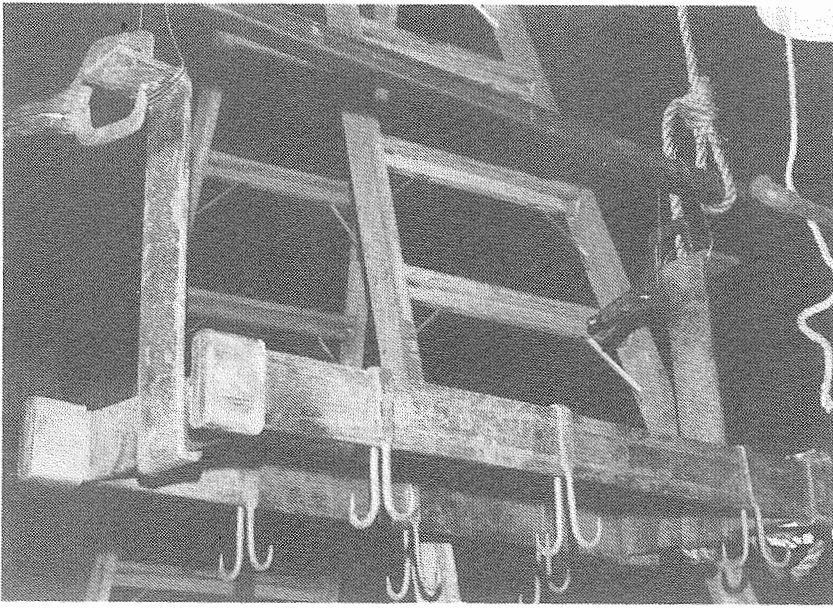
By this time we were ready to do our drawings and that we did. A most enlightening and enjoyable part of the course followed as each of the ten students discussed his design and how he arrived at it, with the group.

Wednesday morning saw hot iron and a multitude of antics turning design into reality. While this was going on Art was producing by hand, a variety of "trough" and "texture" dies for the 3B. Wednesday hammered into Thursday and a number of racks began to take shape, and by Thursday evening most were complete (just as well, the Spring Conference started Friday).

What a great week, the camaraderie, the learning, the creating, the meta, the tools, the fun. Can't wait to do it all again. Thanks, Russ, Phil and Art.

Derry Cook

Vancouver Island Blacksmith Association



BEAUDRY ALERT!

Beaudry power hammers can bash bald heads too!!

Recently while forging straight in on the dies of my 125-lb. Beaudry power hammer, one of the springs which connects the hammer to the yoke and eccentric, broke while the hammer was running at full throttle.

The broken spring was thrown straight up to the ceiling and promptly fell straight down and landed at my feet--"a nice little 5-lb missile from hell." The yoke, free swinging on the eccentric, came whipping around fully extended and just kissed the few sparse hairs on the top of my head. Had I been one-half inch closer to the hammer, it would have taken the top of my head off and with it those few cherished hairs.

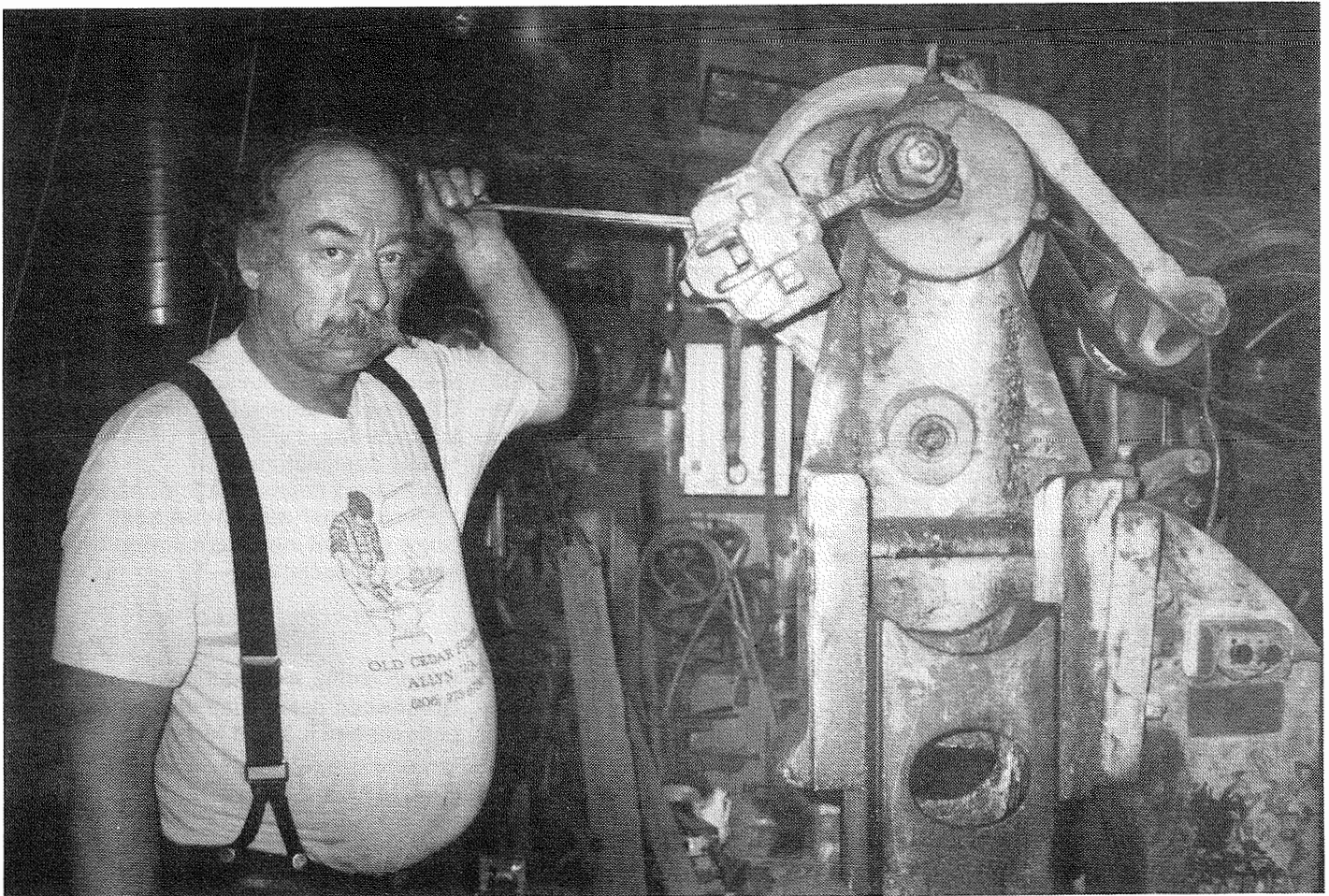
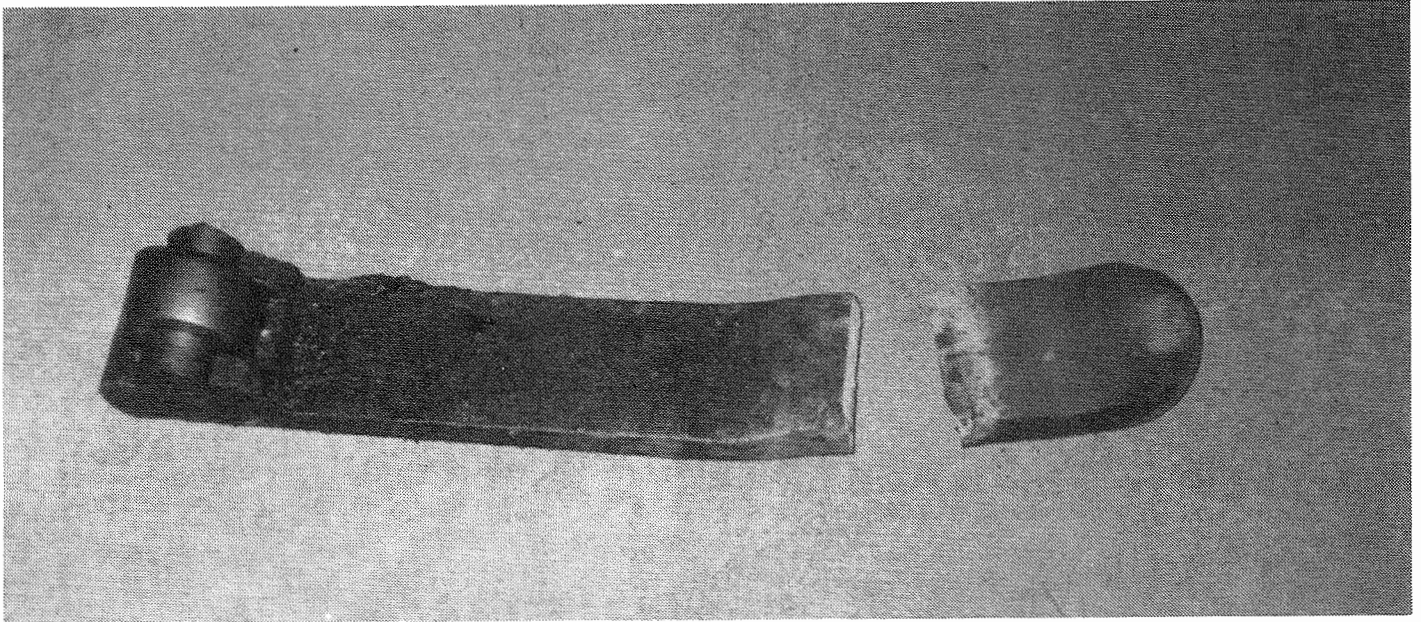
Don't know if this type of failure could have been foreseen without xraying the spring beforehand. After the fact it was obvious that the crack which finally broke had been present for some time but of course covered by grease and old paint, as evidenced by the rusty discoloration where the crack began.

If there is a lesson to be learned in all of this, it is that a certain amount of cautious respect be given to these old hammers; and while operating them, be ever aware of the potential for mechanical failure and the resultant carnage that may cause.

Carefully hammering on,

Jerry Culberson
Old Cedar Forge

"The Missile from Hell"



The part that parts hair.

Please note correct dates

DON'T FORGET YOUR AUCTION ITEM

NWBA
FALL CONFERENCE '93
OCTOBER 1 - 3, 1993
OREGON FAIRGROUNDS,
ST. HELENS, OREGON

This Time The Date Is Correct. You Know, The Third Time Is A Charm.

Question: Which 5 Board Members Proof-Read The Date And Didn't Catch The Wrong Date Last Time Around?

DEMONSTRATORS:

Jeff Holtby

Redmond, WA

Joshua Greenwood

Petersburgh, VA

DON'T FORGET YOUR AUCTION ITEM

Schedule Of Events

Saturday, Oct. 2

Friday, Oct. 1

- 10:00 AM - Volunteers start setting-up
- 12:00 - Demonstrator introductions light demos and socializing
- 6:00 PM - Dinner (supply your own)
- 7:00 PM - Heavy socializing and impromptu demos
- 10:00 PM - Prez takes off with all the beer
- 11:00 PM - Joe organizes raid on Prez's motel
- 12:00 - Party in Joe's Yurt

- 8:00 AM - Coffee & doughnuts
- 9:00 AM - Welcome & introductions
- 9:30 AM - Greenwood chalk talk & demonstration
- 12:00 AM - Lunch break
- 1:00 PM - Holtby demonstration
- 3:00 PM - Greenwood demonstration
- 6:00 PM - Potluck dinner with NWBA beef
- 7:00 PM - Short general meeting followed by auction & socializing

Sunday, Oct. 3

- 8:00 AM - Strong coffee & day-old doughnuts
- 9:00 AM - Greenwood demo & archive piece
- 12:00 - Leftover lunch & sad farewells

**Start planning your auction item!!
It will get you in \$5.00 cheaper!**

Please note correct dates!

1993 FALL CONFERENCE REGISTRATION

October 1 - 3, 1993

Oregon Fairgrounds, St Helens, Oregon

Registration and Fees:

I am a member of NWBA () I am a member of ABANA ()

Pre-Registered before September 15th			\$ 35
After September 15th, or walk-in			\$ 40
Spouse			\$ 5
Children	\$5 per child x	=	\$
Additional \$20.00 for non-NWBA member			\$ _____
(To become a member)			
	TOTAL		\$

**DON'T
FORGET
YOUR
AUCTION
ITEM!!!**

Make your check payable to NWBA and mail to:

NWBA
P.O.Box 81041
Seattle, WA 98108

DISCLOSURE / ASSUMPTION OF RISK

I hereby acknowledge that by attending the NWBA Fall 1993 Conference to be held on the property of the Oregon Fairgrounds, St. Helens, I assume all risks, hazards and dangers that are present on the property by reason of its location, the terrain and the various equipment located on the property. I specifically waive and release Northwest Blacksmith's Association & NWBA of any liability, loss or damage which may occur as a result of my presence on the property.

ALL ADULTS MUST SIGN:

Name: _____ Print same: _____

Spouse: _____ Print same: _____

Child: _____ Print same: _____

Child: _____ Print same: _____

Address: _____ Phone: _____

City: _____ State: _____ Zip: _____

REMEMBER! \$5.00 DISCOUNT FOR AUCTION ITEMS!!!!

Dear Tech Editor,

I'm about to change the oil burner in my home to natural gas. I have a gas forge in my shop next to the furnace room. I'm using propane with the forge and am considering switching to natural gas as long as I'm bringing a line into the house. Does this make sense or am I making a mistake?

I've researched all the articles and clippings I have accumulated on gas forges, but I find very little mention made of using natural gas. I would appreciate hearing from N.W.B.A. members who have had experience with natural gas and who might provide me with pertinent tips and/or advice.

Thanks,

Neil Winikoff
Bellevue, WA

Dear Neil,

What's all this about gas forges? Don't you know REAL blacksmiths only use coal? After all, what's more important: how you heat the

steel or what you do with it once it's hot? I know there are a few people out there who won't agree, but don't you miss the acrid smoke? The complaints from the neighbors? Those big black boogers at the end of a long day? How can you give up all that? Then there's all those weird and wonderful volcanic clinkers layin' around the shop (Hey Joe, this one looks just like a cow pie I used to know!)

Well, I guess I can't fight it, might as well make the best of it. Natural gas, huh? Well, first off, yes, you can use it in your present forge. Will it work as well? That depends. (I used to hate it when my mother would say that!)

Your present gas line is probably $\frac{1}{4}$ inch and may need to be increased to $\frac{1}{2}$ inch as you will be working with much lower pressure (less than one pound) and will need more gas than before as natural gas has less heating value than propane.

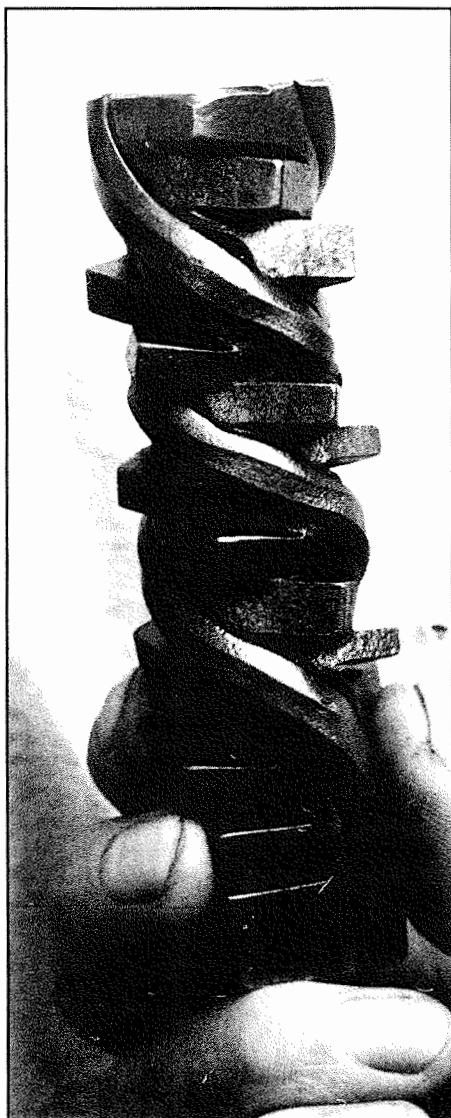
Without knowing your forge well it's hard to make

specific recommendations. Generally, if you have a plain pipe burner (and it's currently the perfect size for propane) you will have to increase about $\frac{1}{2}$ inch, say from $1\frac{1}{2}$ to 2 or from 2 to $2\frac{1}{2}$. The reason for this is that the flame speed of natural gas is less than propane and if the velocity was correct for one it may not be for the other. The symptoms here will be; burning in the pipe (too large) flame not staying attached to burner or machine-gunning (too small). The perforated burners some people use seem to work over a wider range and also run much quieter.

Generally, you'll have to tinker with it just like you did when you built it. A larger blower may be needed as you will need to burn more gas than before to get the same heat.

Is all this worth it? Sure it is! No more trips out for propane, no more frozen propane bottle, and a lower cost per operating hour all make it an attractive proposition.

Grant

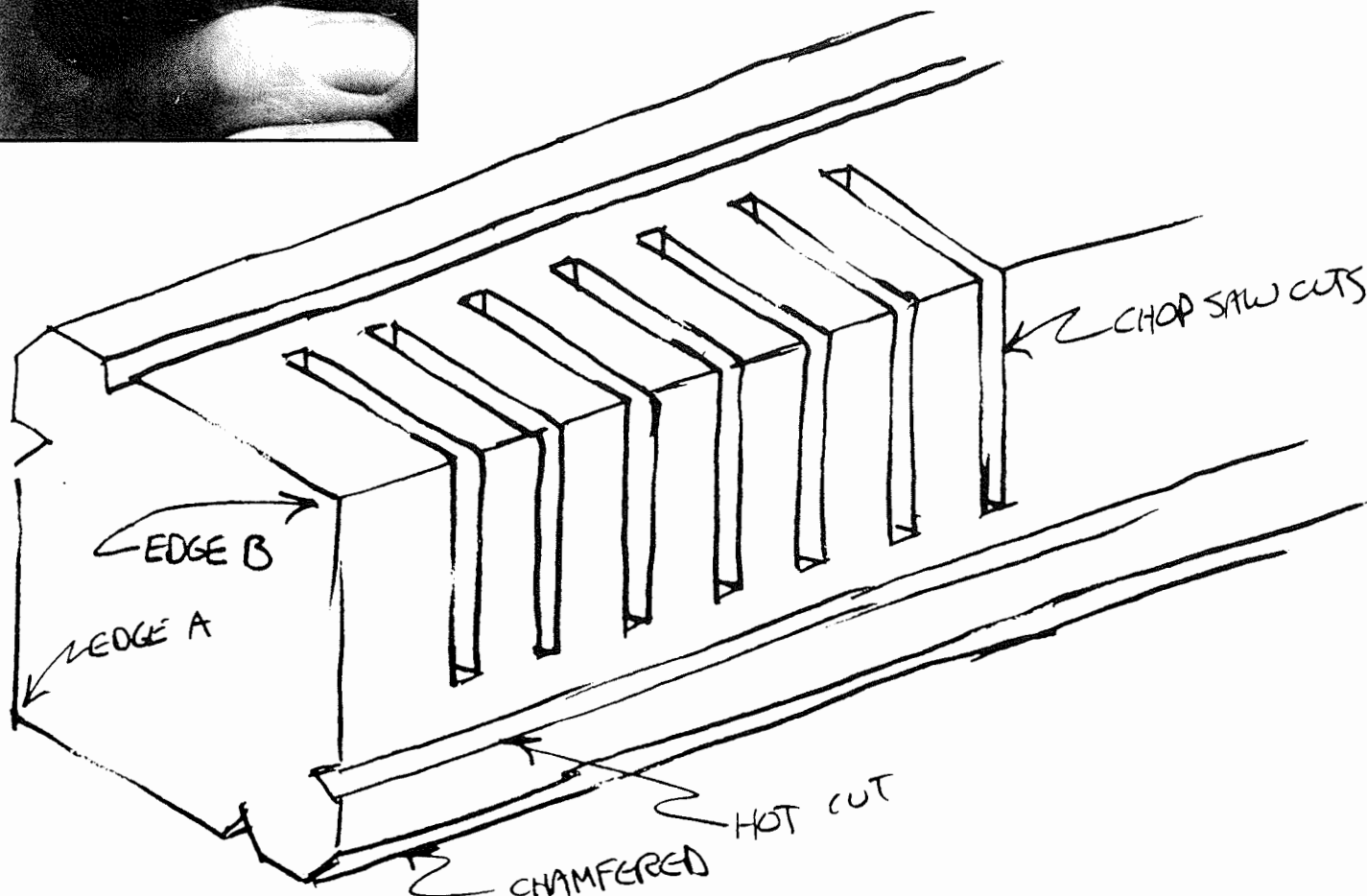


Chop saw twist

Dr. Iron's got a brand new kink

1. Hot cut grooves as illustrated
2. Chamfer edges defined by hot cuts
3. Chop saw (hacksaw-bandsaw) a series of cuts on edges A and B as illustrated
4. Heat it and twist to taste
5. Experiment with placement of hot cuts as well as the depth and frequency of the chop saw cuts

— Doug Hendrickson



Membership Application

Mail to:

Northwest Blacksmith's Association

PO Box 81041
Seattle, WA 98108

Membership Application: New Renewal New Address?

Annual dues are \$20 and include a subscription to Hot Iron News. Please make your check to NWBA and mail to the above address.

Date: _____ Are you an ABANA member? _____

Name: _____

Firm: _____ Phone: _____

Address: _____

City: _____ State: _____ Zip: _____

Country: _____

Membership Application for
ARTIST-BLACKSMITH' ASSOCIATION OF NORTH AMERICA
MAIL TO:
ABANA
BOX 1181
Nashville, IN 47448

Membership in ABANA includes a subscription to the Anvil's Ring, member discounts at conferences and on back issues of the magazines.

Full time student -	\$ 25	Regular member -	\$ 35
Family membership -	\$ 40	Seniors over 65 -	\$ 25
Overseas member -	\$ 45	Contributory -	\$100
Public library -	\$ 25		

Name: _____

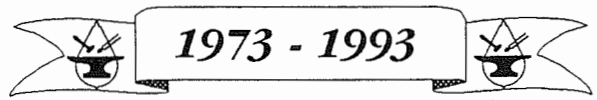
Street Address: _____

City: _____ State: _____ Zip: _____

VISA or MASTERCARD # _____ Expiration: _____

Checks or money orders must be written on a US Bank in US Funds.

ABANA



The Artist-Blacksmiths' Association of North America now proudly celebrates its 20th year!

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

Office Hours: 9:00 am to 5:00 pm
Phone: (812) 988-6919

ABANA PRESIDENT'S MESSAGE

September 1993

Dear ABANA Chapters,

Isn't this a wonderful time of year? Perfect for getting out there to the forge and engaging in our favorite pastime! There are many great local and regional events happening around the country, not the least of which is SOFA's Quad States Round-Up at Emmert and Jane Studebaker's Homestead in Tipp City, Ohio. (Emmert and Jane have made their wonderful facility available to both SOFA and ABANA for many years, and it is deeply appreciated by all.) If you have never participated in one of the regional events, there is no time like the present.

What hasn't been so wonderful is all the terrible flooding in the mid-west. Our hearts go out to the victims of the flood. Unfortunately, natural disaster is something that can, and does, affect each of us at some time or other. The hurricanes on the eastern seaboard, and particularly Florida, come to mind. If we see any glimmer of value out of these disasters, it is our friendship, camaraderie and support that come to the aid of the victims. We are bound to act; it is simply something we must do for our dear friends. The victims will recover from these disasters. What lives on is the memory of true friends there when they were truly in need.

The second issue of the new ABANA newsletter, the *Hammer's Blow* would have been in your mailbox by now, but the ABANA Office recently had high waters from the mid-west rains. All the newsletters were sitting on the floor in bundles ready to go out the next day when the flooding occurred. The mess has been cleaned up but must wait for 850 newsletters to be reprinted, then labeled and bundled. It won't be much longer now!

I was privy to a preview of this issue of the *Hammer's Blow* and can tell you that it is even better than the first issue. Congratulations to editor Jim Ryan on a great issue! The *Hammer's Blow* is giving the ABANA membership that "something extra." It is being provided at no additional cost to north American ABANA members. We were able to supply this service this year, and were willing to invest the dollars, because ABANA is in very good financial shape. We are counting on a slight increase in membership to keep the *Hammer's Blow* coming in the years to follow. Hopefully, people reluctant to join ABANA in the past will now see the value in membership, and will help support this new venture. You will be amazed at what we can accomplish as we all pull together! Hopefully, the *Hammer's Blow* will be the first of many new services provided to our membership. Much more is possible as ABANA continues to grow.

With the increase in the number of local and regional events, it becomes more important than ever to remember and use the proper safety equipment. First and foremost, you need to remember to pack and wear safety glasses. There is simply no one single thing you can do for yourself that will provide you with better protection against sudden and unforeseen accidents. Remind those you are standing next to that they need to be wearing eye protection -- you could be doing them the favor of a lifetime.

Warm regards,

Clayton Carr
ABANA President



**CHAPTER LIAISON
NEWSLETTER
September 1993**

MEMBER'S HOME VIDEO LIBRARY:

The ABANA Library Committee (Toby Hickman, Chair) is implementing a member's home video library to supplement our existing rental tapes. This your advance notice of what we have in mind before the program is formally announced. ABANA is taping lead footage which will be copied on the front end of every member donated tape with credit to the member/photographer and a table of contents of the chapter event, demonstrator(s), instructor(s) and subjects on the tape. A master alphabetical index of the contents of tapes will be maintained at the ABANA Office. Members will be able to rent tapes (up to three at a time) at the cost of handling and mailing (initial estimate \$4.00). Members will be permitted to copy all or part of the tapes but are requested to make an honor system contribution to ABANA for each copy. We should be formally announcing this program and inviting tapes this fall. We already have enough tapes to start it. Alert the photo bugs in your Chapter.

CHAPTER CHALLENGE VIDEO TAPES:

The Southern Ohio Forge & Anvil, Chapter of ABANA (SOFA) has produced a professional quality video tape demonstration with multiple professional cameras and lighting (no audience), retakes, electronic editing, etc. SOFA's tape will include introduction level techniques using their member demonstrators and or instructors. SOFA has offered to contribute the tape to ABANA's library for rental. In fact, they made the investment of time and money for that purpose.

After the first professional quality instruction tape is finished and announced, it is hoped that other affluent active chapters will consider doing the same project. The ABANA Office and the ABANA Library Committee Chairman will keep an index of what phases of blacksmithing have been done or are being done by chapters so that there is no overlap.

If your chapter has an interest in undertaking a teaching tape of this magnitude, send the subject matter you want to do to the ABANA Office or Toby Hickman, ABANA Library Committee Chairman, 6030 Roblar Rd, Petaluma, CA 94952 to reserve it and to be sure that no one else is doing the same thing. For example: gate & rail layout & assembly, bladesmithing, kitchen ware, forging non-ferric metals, etc.

1994 ABANA CONFERENCE SEMINARS:

Two video taping seminars will be offered at the ABANA Conference in St. Louis next year. Volunteer Paul Moffit is organizing demonstrators who can be taped by members and then have their tapes viewed and criticized by professionals in order to learn, develop and polish their skills (and, hopefully the quality of the new Member's Home Video Library in the future). A separate professional seminar will be offered at the '94 ABANA Conference to Chapters who are considering SOFA's Challenge to learn the costs and techniques of SOFA's experience in producing professional-quality-camera only teaching tapes.

SCHOOLS LISTINGS:

I keep seeing the following schools in some of your newsletters. Delete them as they have either changed their name, no longer exist, or don't teach blacksmithing any more.

Center for Craftsmanship - closed
Cranbrook Academy of Art - no classes offered
Glen Echo Park - no resident artist blacksmiths
Olympia Tech Comm College - changed name to
South Puget Sound Community College
Pioneer Crafts Council - changed name to
Touchstone Center for Crafts

Officer changes? Send your Chapter President & Editor changes to Janelle at the ABANA Office or the Chapter Liaison Committee.

**John Pollins III
Chapter Liaison Committee Chairman
RD #5 Box 154, Greensburg, PA 15601**

*Greetings from the new chairman!
(Be gentle, it's my first time.)*

CLASSIFIEDS

FOR SALE: Coal forge with electric and hand blowers, with hood. \$300. Also have ornamental work horse collars and hames. Kris Hart (206) 894-3329 Yelm, WA

WANTED: Triphammer for sheetmetal. Yoder - Pettengill - Tripanease - these are 2 piece hammers that bolt to a post - will buy or trade blacksmith tools. Stev Wooldridge (317) 758-6076 (Indiana)

POWER HAMMERS FOR SALE: 125LB Beaudry hammer is complete. With a little TLC and a motor it's ready to go to work for you. The Beaudry is one of the sweetest operating mechanical hammers manufactured, ask someone who owns one. \$2,500 OBO. 50LB Murray - complete with good reliable motor and recently overhauled clutch it will be a welcome member to your staff. \$2,000 OBO. 25LB Little Giant. This little love will supply lots of help in your shops light forging needs. Already set up with its own 2HP motor, it's ready to start to work, just add power. \$1,500 OBO. Contact: Corky Storer, Heritage Forge, 19709 Maxwell Rd SE, Maple Valley, WA 98038, (206) 432-1468.

FOR SALE: Lg. forge - vent hood, lg. anvil, long spring vise, swage block, bolt swaging dies, wagon tire roll, square hole punch, hardy hole tools, forge tongs(45 sets), hammers, flating

hammers, chisel hammers, 25# trip hammer(new), oven, much more, antique lathe, Senca Falls, \$7500 for everything. Contact Jim's Welding, 10217 N. McAlister Road, Island City, OR 97850.

David Norrie is looking for either full time or short term help to work in an architectural forging shop near Toronto, Ontario. Short term help would come in and work for the duration of a project, averaging from 1-3 months. Accommodation would be provided. People must be confident with basic forging skills as they apply to artistic architectural ironwork. If you are interested call David at (705) 357- 2714 or write to him at R.R. #3, Sunderland, ONT., Canada, 10C 1H0.

WANTED TO BUY: 50# Little Giant power hammer or similar. Call Berkley Tack, 503-556-7975

STERLING SILVER PINS. Limited quantities, NWBA Commemorative Pins, \$17.00 each. Contact Ike Bay, P.O. Box 81041, Seattle, WA 98108.

A LIMITED AMOUNT of New Mexico smithing coal available. \$280.00 per ton. \$16.00 per 100 lbs. Contact Corkey Storer at Heritage Forge, (206) 432-1468 Seattle area.

WANTED TO RENT - Part-time smith seeks space for shop. 400

sq. ft. minimum, between Seattle and South Everett. Call or write: Rob Snyder, 4809 NE 71st Street, Seattle, WA 98115. 206 523-7209.

HAVE YOU PAID YOUR MEMBERSHIP DUES? LOOK ON YOUR MAILING LABEL, IF IT HAS EXPIRED OR IS CLOSE TO EXPIRING, PLEASE SEND YOUR DUES(\$20) TO OUR TREASURER, PO BOX 81041, SEATTLE, WA 98108. DUES ARE WHAT MAKE THIS NEWSLETTER AND OTHER MAILINGS, EVENTS, ETC. POSSIBLE. THANKS.

Editor's Column

I thought I was done with this two issues ago, but somehow I keep getting conned into doing one more. But FINALLY we have a new editor - Gene Chapman - he has said he will begin with the Winter issue. Soooooo, send any articles, pictures, tips, comments to him at: 27449 Baywood Drive NE, Kingston, WA 98346. He's one hellofa bladesmith and deserves all the help you can give him.

This is for the other ABANA chapters: It's frustrating to me to see my articles getting reprinted in other newsletters and not getting the credit. I do not mind being reprinted, just give proper credit. I've lost track of how many times I've been re-printed, and not given the credit. Margaret

MOTELS

The Village Inn, 535 S. Hwy #30, St. Helens, OR. (503) 397-1490

Rainier Motor Inn, 120 A West, Rainier, OR. (503) 556-4231 (25 min. for St. Helens)

Oregon Lodging Hotline: 1-800-365-6343

Longview, WA is about 25-30 minutes north of St. Helens.

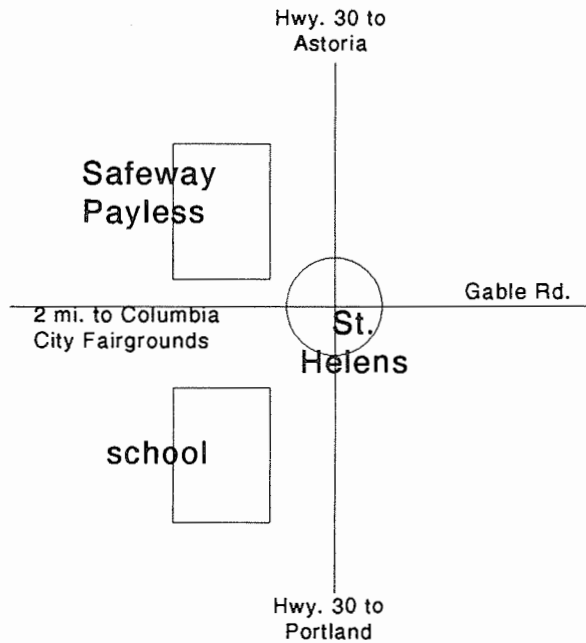
Camping on site

Dorms for \$1.00 per night

**Map to Fall Conference
St. Helen's Fairgrounds**

Take Hwy 30 from Portland toward Astoria - mostly along the Oregon side of the Columbia. St. Helen's is 25 miles from Portland. Watch for Fairgrounds signs and NWBA anvil signs to turn South to Fairgrounds.

From the North on I-5, at Kelso, WA, head west on Hwy 4 to Longview. Turn south to Rainier, OR. Head south on Hwy 30 til you get to St. Helens, about another 25-30 minutes.



HOT IRON NEWS
GENE CHAPMAN, EDITOR
BOX 1038
KINGSTON WA 98346

FORWARDING AND ADDRESS
CORRECTION REQUESTED

JERRY CULBERSON 4/15/93
OLD CEDAR FORGE
EAST 220 CRONQUIST
ALLYN WA 98524

