

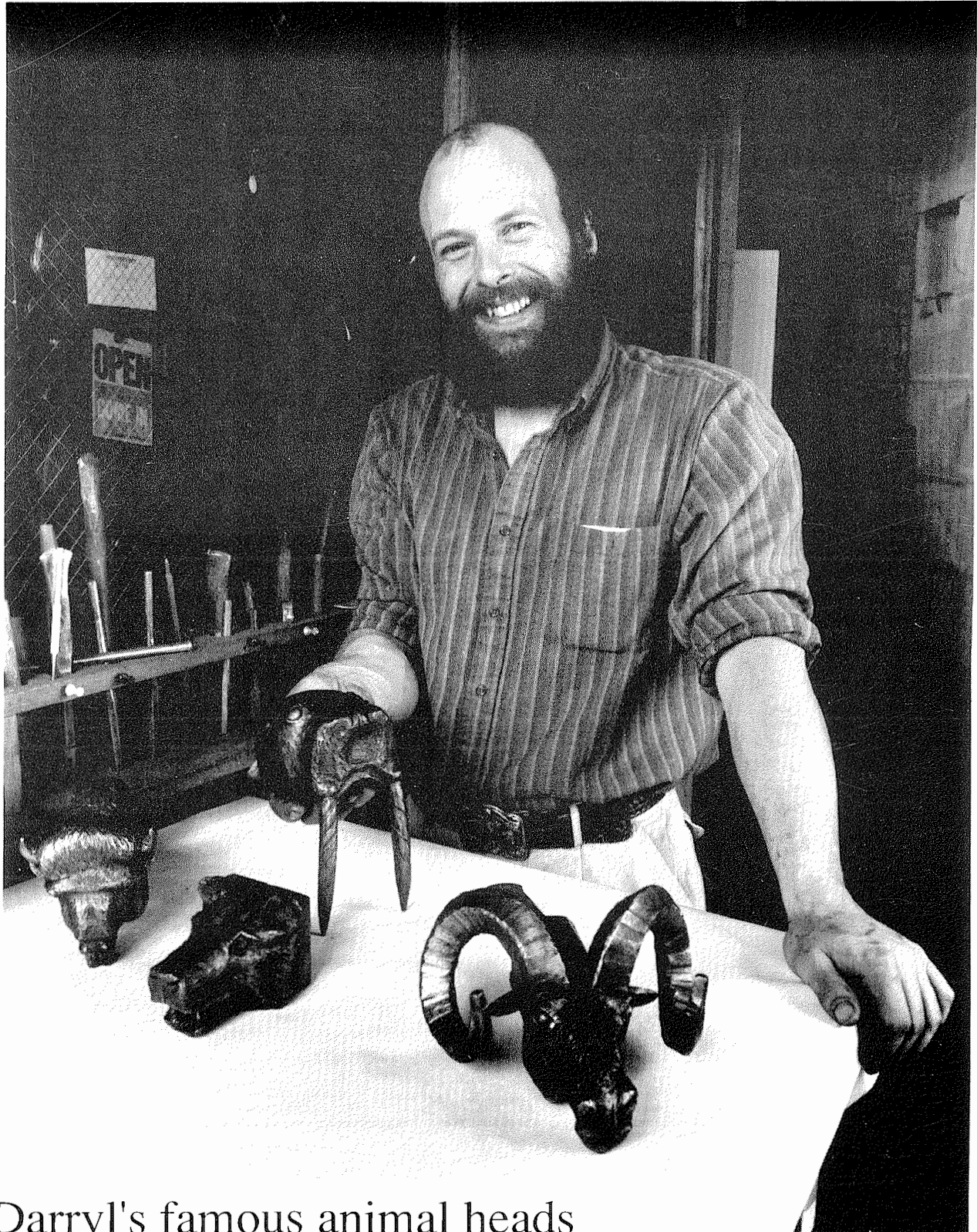


Hot Iron News

Voice of the Northwest Blacksmith Association

Summer 1997

\$4.00



Darryl's famous animal heads

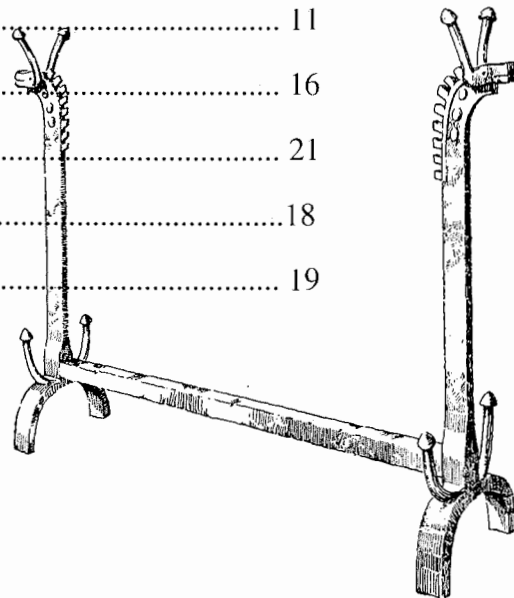
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Cover

Darryl Nelson shows his fabulous forged animal heads he specializes in. Darryl a true master blacksmith, recently taught two animal head workshops for the N.W.B.A. that were thoroughly enjoyed by all in attendance.

Photo supplied by Darryl Nelson



WROUGHT IRON FIRE-DOG, LATE CELTIC. Height 38 ins.
Drawn from the wooden model in the British Museum

Drawing from "Iron and Brass Implements of the English and American Home" by Semour Lindsay (not the Lindsay book dealer)



**N.W.B.A. OFFICERS
AND BOARD MEMBERS**

1997

Hot Iron News is the official quarterly publication of the Northwest Blacksmith's Association. Submission of materials for the magazine is eagerly encouraged and may be sent to the editor, Gene Chapman. Dead-line for submissions are February 15, May 15, August 15 and November 1. Other ABANA Chapters, blacksmith associations, and non-profit educational metals oriented groups have permission to reprint non-copyrighted materials 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 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, materials, tool design, use, etc., contained herein.

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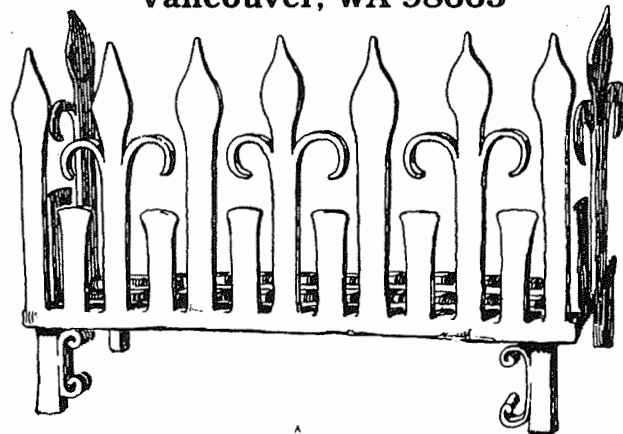
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FIG. 25



Fireplace grate from "Iron and Brass Implements of the English and American Home"



Ramblin's From The Prez

Is There A Permanent Facility In Our Future?

There has been discussion for many years on the need of a permanent home for the N.W.B.A. All of us enjoy visiting various members' shops and the other outstanding sites of past conferences, but we have grown to a point that exceeds the capacities of individual shops and no other sites are really equipped for blacksmithing demonstrations and related needs. Result: Demonstrators short of desired tooling, attendees uncomfortable due to lack of cover, can't see or hear demo's, display areas crowded or eliminated, etc.

In addition, the recent donation of 36,000# of industrial blacksmithing equipment and tools (see separate article, page 11) by I.T.T. Rayonier Corp. makes the issue of prime importance.

The decision to proceed or not, what, how, where, is one the entire membership needs to discuss and support!

Please send your suggestions to the N.W.B.A. Board. A general discussion is planned for the Fall, 1997 conference/general meeting. A ballot in the *Hot Iron News* will allow all our members to be part of any decision!

Ideas For Short List Of Permanent Home Criteria

1. Located on/near I-5 corridor between Seattle and Portland
2. Public site ownership (Fair, Museum, Foundation, Etc.)
3. Conference amenities on site (bathrooms, kitchen, dining area, parking, camping/trailer sites, dormitory/showers, etc.)
4. Site would furnish power/water as part of annual lease.
5. Long term (20 year?) lease with renewal option possible.
6. Available for Spring/Fall conference dates (occasional work-shops?)
7. N.W.B.A. would build a 30' X 40' ?? shop and install blacksmithing machinery, tooling etc.
8. N.W.B.A. shop would be attached to a larger multipurpose building owned be lessor. Bleacher seating in multi purpose building views demos in N.W.B.A. shop by opening the adjoining walls, consisting of doors.
9. N.W.B.A. would build shop and commit to giving blacksmith demos during lessor's annual show dates.

Is something like this doable? Desirable? The answer is up to you.....think about it.....scout possible sites.

Whatever your opinion, please help make this decision for the good of the N.W.B.A.

Sincerely Don Kemper

Montana May 1997

Willem Jonkers III
Smid
Deventerdijk 5 7478 RR Diepenjheim
Nederland

NWBA

Don Kemper

Thinking back to my visit in Eugene, I regret that time limits hold me back to share more in friendship.....

Because Lies (Elizabeth) and I find a nice bunch of metal friends who were eager to learn the blacksmithing techniques and the warm atmosphere which was not only because this heat from the fire but mostly the reflection of their hearts!

There is always than so many to discuss and to exchange... But at least I felt I should let you know, as well all the other guys, that we'll treasure this event in our hearts and look forward to the next meeting, somewhere somehow.

Yours ever, Willem Jonkers III

To the membership of the N.W.B.A..

I would like to thank you for your contribution to the project to document the work of the Italian Art Nouveau Masters Alessandro Mazzucotelli and Carlo Rizzarda (the Project).

To Date the status of the project is:

| | |
|--------------------------------------|--------|
| CBA | \$1200 |
| ABANA | \$3000 |
| NWBA | \$400 |
| Missouri BS Assoc. | \$500 |
| Arizona BS Assoc. | \$500 |
| Al and Joan Weiss (private Donation) | \$300 |

The project has been recommended for, and is in the finals for a Fulbright Foundation Grant through the International Institute for Education (IIE) sponsored by the USA. Final decisions will be announced around June. Even if we aren't awarded a grant, just making the finals adds considerable prestige and credibility to the Project.

Thank you again and I will keep you abreast as things develop.

Sincerely, Steve Bondi

Thank You

Thank you, Dave and Rebecca Thompson for hosting the conference; **Jerry Kagele** for getting Willem Jonkers to demonstrate; **Lynn and Pat Cane and Ralph Hinds** for arranging the Saturday doings; and **all members** for setting up registration, hauling iron, arranging demo areas and all the little things that make a conference tick.



TIDBITS

New Members

Doug Asay, Canby, OR
 Bob Johnson, Seattle, WA
 Robert Craig, West Vancouver, BC
 Michael Greene, Kennewick, WA
 Mike Hamilton, Everett, WA
 Nick Lyle, Seattle, WA
 Alan Flashing, Grand Prairie, TX
 Mark Kruger, Portland, OR
 Quentin Cassidy, Seattle, WA
 Gary Cox, Salem, OR
 Dick Krantz, Eugene, OR
 Dennis Wood, Albany, OR
 Mike Boone, Dolores, CO
 Peter Day, Saanichion, BC
 Tamera Greiter, Philomath, OR
 Chris Howell, Kingston, WA
 Art Jones, Vallejo, CA
 Tracy Mumma, Missoula, MT
 Jeremy Sappington, Vashon Is., WA
 Robert Shade, Peterson, MN
 Viggo Bertelsen, Bellevue, WA
 Frank Sikon, Vashon Is., WA
 Fred Shulz, Woodland, WA
 Timothy Souza, Lebanon, OR
 Richard Cates, Nevada City, CA
 Jerry Salisbury, Shoreline, WA
 David Dye, St. Helens, OR
 C.A. Scott, Bellingham, WA
 Tony Austin, Kimberley, BC
 Charles Sowers, Eugene, OR
 Ron Thompson, Vancouver, WA
 Jim Jordan, Junction City, OR
 Michael Skovbo, Junction City, OR
 Dan Olson, Seattle, WA
 Randy Judd, Olympia, WA
 Conrad Hodson, Eugene, OR
 Morgan Hall, Wilsonville, OR
 Martin Brandt, Springfield, OR
 John Conway, Kirkland, WA
 Keith Fremlin, Greenacres, WA
 Emmanuel Bareither, Seattle, WA

N.W.B.A. Grant

N.W.B.A. grant information and application is available in the Resource Handbook. Make a copy and fill it out if you need assistance for a workshop or blacksmith related event. There is a \$250 maximum per person each year. The grant fund is currently \$1,000 per year. There are a few strings attached though. Grant recipients are required to write an article for the *Hot Iron News* about the event they attended and are requested to demo some of what they learned, however the demo isn't mandatory.

Recent Library Additions

B-33: Metalurgy of Iron and Steel (1904)
 B-34: The A-B-C of Iron Sisson (early 1900's)
 B-35: Punches, Dies and Tools Woodworth
 B-36: Chasing and Repousse Basics Marcia Lewis
 B-37: The Colouring, Bronzing and Patination of Metals Hughes and Rowe
 B-38: Fold Forming Metal C. Lewton/Brain
 B-61: Decorative and Sculptural Ironwork D. Melach
 B-62: Metallgestaltung (Metal Designs) A. and H. Kuhn
 B-63: Stahlgestaltung (Shaping Steel) Fritz Kuhn
Videos
 V-6: Finishing and Detailing Paul Thorne
 V-7: Box/Poz Tongs J. Culberson
 V-8 Repousse/Scrollwork N. Hersom and J. Culberson
 V-9: Fold Forming Metal C. Lewton/Brain
 V-803: Planting and maintaining a Scotsbroom and Wild Blackberry Plantation... S. Soapstone

Contact Don Kemper for books and videos 360-887-3903

POWER HAMMER

Nahum "Grandpa" Hersom called recently about an article in the Anvils Ring. Nahum has a power hammer similar to the Modern Power Hammer manufactured by Grinnell MFG Co on page 13 in the Anvils Ring. Nahum has been in touch with Douglas Freund who wrote the article. Douglas is writing a book on power hammers and is interested in hearing from anyone with power hammer questions or would like to share literature, photos and manuals. Contact Douglas Freund, PO Box 532, Jerome, AZ 86331

NEW BLACKSMITH BLOCK-BUSTER VIDEO RELEASES

By Jerry Kagele

1. Willem Jonkers: Japanese Bladesmithing

This new flick stars the irrepressible Damascus Dutchman forging Samurai Swords like sticks of butter. Planning your next vacation on Hale-Bopp? This video will provide basic info on forging your own Hari-Kari dagger. Learn Willem's techniques for "sauna heats" and creating multi-metal billets like building a subway sandwich. Vivid sound effects are provided by Bill Carrell's screams trying in vain to remove anvil sparks from his pants while desperately looking for a slack tub to sit in.

2. Jeffrey Funk: Bowl Raising

Filmed on location at Dan'l Moore's Coon Hollow Forge in Kalispel. Jeff, whose specialty is giant wind harmonic sculptures, forges a bowl with seven veins while explaining harmonic progression, Pythagorean logic and the meaning of truth and life. This video is a must see. It is the winner of the 1997 Most Philosophical Video Award. In addition to excellent forging and pattern welding techniques it will remove those metaphysical scales of ignorance from your eyes and shine in a pinprick ray of Cosmic enlightenment. If you've never considered a vacation on Hale-Bopp you will after hearing Jeff.

3. Willem Jonkers: European Technique

That zany Dutchboy is out in the Wild American West slaying sacred buffaloes. Forge welding without flux is just one of the Euro-techniques demonstrated. Mr. Holland's Opus is an elaborate scroll which features the creation and use of decorative dies. This video will show you many other ways to put on your wooden shoes.

These new video releases, along with many more books and videos, can be checked out from the N.W.B.A. Maximum Leader and Librarian, Don Kemper.



Letters and N.W.B.A. Minutes

N.W.B.A. Members Jerry Kagele and Willem Jonkers: I want to say thanks to all for the great demonstrator and demonstrations that Willem did. As a member of both N.W.B.A. & N.R.B.A. organizations, I can't thank Jerry Kagele enough for sponsoring Willem Jonkers and his family. We are a very small group and would not have been able to host such a dynamic demonstrator without first the generosity and thoughtfulness of Jerry Kagele, and second, the support of N.W.B.A. and N.W.B.A. members. Thank you all very much.

Dave and Rebecca Thompson; thanks for a great conference, you always made everyone of us grimy, slightly tired and grouchy blacksmiths welcome. Great big thanks to Lynn and Pat Cane for a most scrumptious catered meal, and place for the meal and auction. I would say the N.W.B.A. should pat themselves on the back for another well arranged conference.

To all of you who attended the meal and stayed for the auction, I'm sure you will remember that I was the lucky one to get the demo piece that Willem did. Jerry Culberson said that Willem would put a poker on the other end, and sign it. Well Willem didn't get a chance to do it at the N.W.B.A. conference, but Jerry Kagele took it to his shop in Spokane and Willem, on a suggestion from Jerry, placed a B on the end, and signed it. Needless to say I was just speechless, what a treasure I have, thanks Jerry again.

Hope to see some of you in Canada the last of June. I'm very happy and proud to be a N.W.B.A. member. Oh! almost forgot, the N.R.B.A. fall conference will be held 5, 6, 7th of Sept. at Gerald Biresch, Iron Hammer Forge, Box 38, Dalton Mountain Rd. Lincoln, Mt. 59639, 406-362-4634. Historic primitive knives and hardware, will be demonstrated.

As always Dave and Babe Brandon, Montana.

N.W.B.A. BOARD MEETING

May 1, 1997

Meeting was called to order at 5:50 p.m. Present were Kent, Ralph, Berkley, Terry, Al, Don, Matthew, Dennis, and Lyn Cane.

Kent presented us with a treasurer's report that showed that we needed to address some financial issues with the price of publications. We will discuss this on Sunday when Gene will be able to meet with us.

The current conference is going well and is under control.

We will have nominations open for Board Members at the General Membership meeting Saturday night.

Fall Conference will be a John Loeffler's New Blue Moon Shop outside Levenworth, Washington. Charles Lewton Brain will be the guest demonstrator and Matthew is going to talk to Louis Raffloer and his crew to be our local demonstrator. Also returning will be Alex Montgomery with his casting crew. Kent will do buttons and t-shirts for this event.

Commercial vendors in order to be covered by our insurance will have to pay a vendor's fee which is equal to a one year membership and will have to sign a vendor's agreement. Dennis will work on getting an agreement drafted.

The Grant and Library programs are on hold until we get the finances figured out.

We decided to grant Steven Bondi \$400 at our April board meeting. He had received \$6,500 by mid March. Since then the had been incapacitated by brain surgery and his trip has been postponed until at least September.

Library Report:

12 month activity -- 66 video rentals, 16 book rentals, \$245 gross rental revenue. 1997 purchases \$279.91 as of April 1, 1997.

A policy was set for high school students who want to come and see what we are all about. We will have to charge them dues at the current rate so that we will be covered by insurance and Friday of the conference will be free. If they decide that they want to stay for the rest of the conference, they have to pay the conference fees.

Don wrote up a list of things to consider when thinking about what to do with the equipment that was donated to the association.

Sunday Morning Meeting called to order at 8:00 a.m. Present were Don, Matthew, Kent, Gene, Dennis, Terry, Ralph, Barney, and Al.

We discussed the finances and discovered that Gene was adding things that the Board requested to the *Hot Iron News* and supplemental publications and we never asked what it was going to cost. The quality of the *Hot Iron News* has never been higher and unfortunately neither has the price. In order to keep the quality of our magazine we will need to raise the dues to \$35.00 per year. Al and Gene are going to work together to find out what the *Hot Iron News* costs, per page, etc.

Kent wanted to know what we wanted on our Web Page and we decided to put on just enough to get people interested enough to join the association.

We all went out to the association trailer and discussed what to do to modify it to suit our needs. Together we came up with some great ideas and they will hopefully be done before the next conference.

Respectfully submitted
Dennis Prince



Retiring Again. . . This winter issue will be the fourth year that Peg and I have edited the *Hot Iron News*. It's time to move on to other pursuits as they need more of our time, namely writing, blacksmithing, knifemaking and publishing knife related books. The *Hot Iron News* has been pleasurable to produce and we thank the N.W.B.A for giving us the opportunity to edit it. We also thank all who have generously contributed articles, photos, books and humor for all members to share. We will continue to publish the News until December unless an editor is found sooner.

Hot Iron News Info

Budget \$12,000/year which includes editor's fee of \$2,500. Three regular issues with 24 pages and a "double" winter issue with 48 pages. The budget is new and I feel that a quality newsletter can fit into these dollar amounts with fewer extra newsletters printed, fewer freebie issues to prospective new members, non glossy covers, no color. Thinner issues mean less postal costs. The remaining three issues we have should resolve any budgeting questions about quality and quantity of the *Hot Iron News*. The \$9500 for the News includes printing, postage, postal permits, paper and toner or ink for editor's printer, envelopes, mailing boxes and office supplies associated with the *Hot Iron News*.

The Roster is currently considered part of the *Hot Iron News* and when a new edition is published is yet to be determined. If you are willing to learn, attend conferences, and generate some income from your computer, this is a great opportunity. I put in approximately 40-60 hours on each issue spread over three months and work when I want. Members are generous with articles, photos and information for the News. A.B.A.N.A. Chapters exchange newsletters which means you receive around 200 newsletters yearly for gleaning information for the News. I have filed in categories gleaned articles from the last four years and what was passed on from previous editors, also two 4 X 6 card files full of filed photos.

The editor keeps the roster up to date, mail new members' the last issue of the News, Roster and Resource Handbook and takes phone calls concerning issues not received, expiration date questions and sometimes the unofficial new member greeter. Phone bills relating to the N.W.B.A. are reimbursed by the treasurer

Hot Iron News Editors Inventory

1. 1 each gray 4 drawer letter file cabinet
2. 1 each beige 2 drawer letter file cabinet
3. 3 each 500 Watt quartz lamps with stands, dimmers, and extension cords
4. 1 each packing tape dispenser
5. 2 each 3 ring notebooks
6. 5 rubber stamps, Canada, Via Air Mail, Printed Matter, Subscription Expires, and First Class Mail, Newsletter, N.W.B.A. stamp with Vancouver, WA mail drop address,
7. 1 each syquest 88 MB removable hard drive cassette
8. Donated American Blacksmith copies, Peter Ross demo drawings.
9. 2 # postage scale



10. 2 each cardboard 4X6 card files full of N.W.B.A. photographs
11. Approximately 3 dozen hanging letter file folders
12. Approximately 4 Dozen manila file folders
14. Assorted pens, pencils, staples, paper clips, and general office stuff.
15. 1 each 18"X36"X72" steel storage shelving loaded with back issues of *Hot Iron News*
16. Most back *Hot Iron Issues* masters or image setter outputs from the last three years
17. Gobs of file folders with other newsletter hot tips, ideas, articles, etc.
18. *Hot Iron News* receipts and checking records, beginning November 16, 1993
19. Postage stamps, labels, and postal regulations

There is more, I haven't gone through each box or drawer. Kent Rudisill, the current treasurer, advances the *Hot Iron News* checking account enough money for each quarter. The editor's fee is billed to the treasurer and kept separate from the *Hot Iron News* checking account. After printing, Peg and I print and attach labels to around 500 *Hot Iron News*, tote to the post office and mail 3rd class.

Thats all I can think of now. Do something special, be the next *Hot Iron News* editor! You get to know a lot of very nice, interesting people.

Thanks Gene and Peg Chapman



What's Happening or Happened

South Seattle Community

College will be offering beginning and intermediate blacksmithing classes from July 13th through Sept 13. A treadle hammer building workshop Sept. 20-21. If you have questions about the classes, contact Scott Shadpock at (206) 768-1164.

May 1-June 22, 1997

Women Of Iron

A juried Exhibition of Works by Women Blacksmiths was held at Contemporary Artifacts Gallery at 202 B N Broadway in Berea, Kentucky.

July 26-27 1997

Great Oregon Steamup

Antique Powerland Museum
Western Antique Power Inc., 3995 Brooklake Rd NE, Brooks OR 97303, 503-393-2424

August 21- Sept 11 1997

ABANA Europe tour

Contact Leonard and Lilo Masters, 73 Currier RD, Concord, NH 03301 Phone 603-228-6337

September 5-7, 1997,

Northern Rockies Blacksmith

Assoc. Fall conference at Iron Hammer Forge, featuring primitive knives and hardware,

Iron Hammer Forge, Box 38 Dalton Mt Rd, Lincoln MT 59639, 406-362-4634

September 26-28 1997

Southern Ohio Forge and Anvil, Quad State "97"

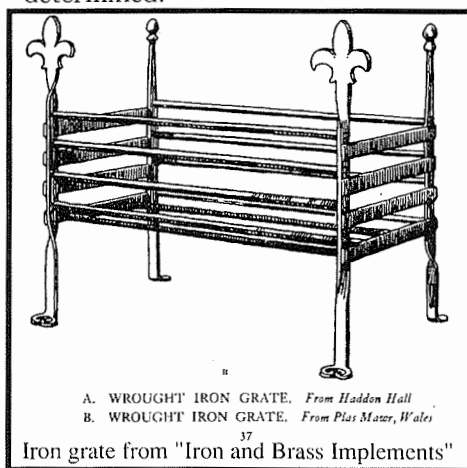
At Miami County Fair Grounds, Troy, OH Quad-State 97, PO Box 24308, Huber Heights, OH 45424-0308

October 3-4-5 1997 N.W.B.A.

Fall Conference

at New Blue Moon Inc, Peshastin WA, Hosted by John Loeffler.

Charles Lewton-Brain of Calgary, Alberta is the main demonstrator. Charles presented a fascinating demonstration of the fold-forming techniques he has developed for use in his jewelry at the ABANA conference in Alfred, NY. An N.W.B.A. demonstrator has yet to be determined.



Fall 1998

Exhibit at the University of Idaho Prichard Gallery

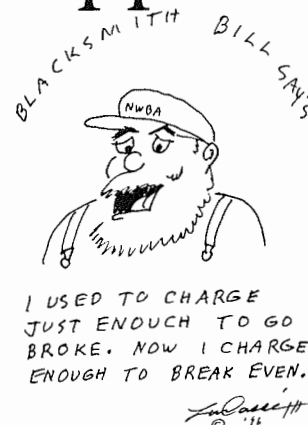
featuring metal art and craft emphasizing forging, fabrication and casting steel, bronze and copper. It will focus primarily on works created by full time artisans but may include a segment of amateur work. It will run 4-6 weeks.

If interested submit 10 slides or photographs including dimensions and a range of your work to University of Idaho, Gail Siegel, Director of Galleries, Moscow ID 83444-4405, 208-885-3586

The Kootenay Blacksmiths

Association has a newsletter, "Hammer Marks" which I received recently. The N.W.B.A. exchanges newsletters with all ABANA chapters and some non ABANA affiliated clubs. I know some of the members and they are a bunch of dedicated iron pounders.

Contact Dan Armstrong, RR#1, Winlaw, BC V0G 2J0, 250 226-7372 for more info.



Call for Entries, In Hand, In Home; artist-made hardware for the home.

In Hand, In Home, a juried exhibit of artist-made hardware, will be shown at the N.B.B.J. Gallery, Seattle, WA in March of 1998 in conjunction with the Society of North American Goldsmiths' (S.N.A.G.) annual conference. The jury will include members of the design staff of N.B.B.J. Architects are the Seattle Metals Guild. N.B.B.J. Architects is an internationally-known design firm with projects worldwide. The Gallery is on the ground floor of their headquarters in Seattle's Pioneer Square district. Work to be exhibited will be selected from slides and/or design drawings. Designs to be included will be selected from slides and/or design drawings. Designs must include metal as a major material. Entries will be accepted from artists in the US and must be accompanied by a completed entry form and \$20 non-refundable fee. Deadlines for entries is Sept. 25, 1997. To request a prospectus and entry form, send a self-addressed stamped envelope to: **In Hand, In Home, c/o Susan Kunimatsu, 2537 Lake Washington Blvd. E, Seattle, WA 98112-2263**

"The Traditionalist"

is the Newsletter of the Traditional Blacksmiths' Association, a newly formed group that wish to revive as many of the old methods used as possible. For more info contact Joe Delisimunovic, 7979 Aspen Rd, Vernon BC V1B 3M9, 250-549-3424

A.B.A.N.A. Winterfest

by Bill Carrell

January 8-12, 1997, after the holidays were over and things were back to normal here in Southwest Idaho, we went down to Phoenix, AZ for A.B.A.N.A.'s Winterfest conference. We had a blast, everyone had fun and took home a lot of memories. Most of us were greeted by hosts Bob Rummage and Bill Callaway, who were the life of the party

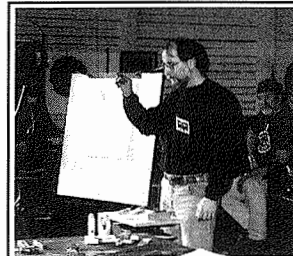
Saturday night, after a huge feed put on by the Ramada Inn, and a few presentations, we watched a slide show by Dmitri Gerakaris. This was followed by an auction conducted by myself. We enjoyed the auction and raised enough money to help start the next Winterfest. Hopefully somewhere in the Northwest.

What a great four days at the Phoenix Forge, which was right in downtown, Phoenix and across the street from the Ramada Inn.

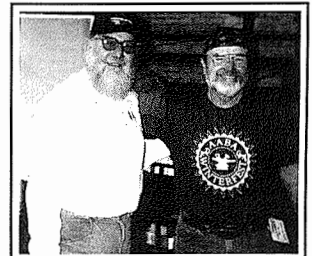
We left with a lot of good ideas for tools and future projects to make. I took pictures and a book to share with my blacksmith friends. We met quite a few good and friendly folks from my home state of Missouri. We hope to visit Missouri in May for the Blacksmithing Association of Missouri conference. Thanks to the staff of demonstrators and all the folks who helped with the auction and Bill and Bob for hosting the event.
Great job guys.



Phoenix Forge where the demonstrations took place. Note the Art Gallery next door. Al Page, a Missouri blacksmith, is hot footing it to the tailgate sales.



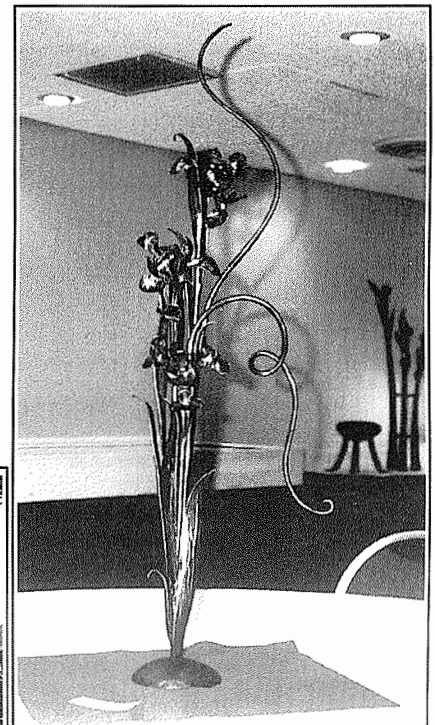
Jerry Hoffman shows his techniques using clay with wooden forging tools.



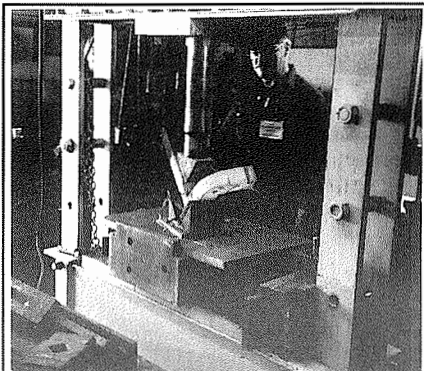
Bob Rummage and Bill Callaway



Tailgate sellers from Iowa and shoppers from Alaska.



The A.B.A.N.A. gallery filled two dining rooms at the Ramada Inn. This piece, made by Dorothy Stiegler, won the Peoples' Choice Award.



Fred Borchardt demos his 100 ton press. He bent 2' X 2" square bar at a 90 degree angle. Few questions were asked, we were all speechless.



Part of the crowd at Winterfest. Note two of our good friends, Dorothy Stiegler and Dmitri Gerakaris, also Pancho Villa in the back row.

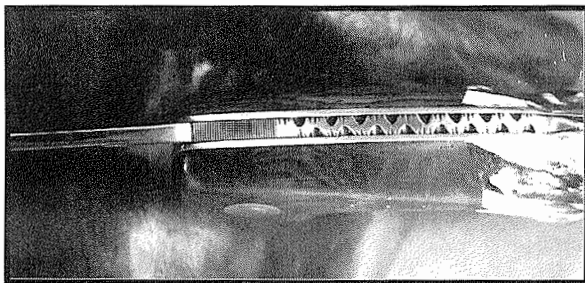


Bladesmith Corner

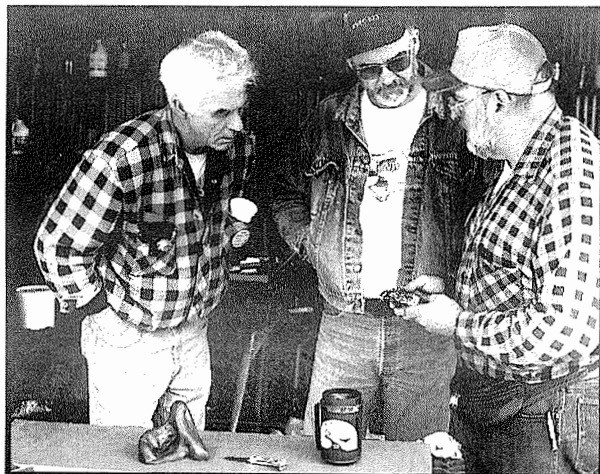
Wayne "Many Knives" Goddard has been knifemaking and bladesmithing for 34 years. He is a Master Bladesmith in the American Bladesmith Society, Field Editor for Blade Magazine and the most dedicated person I know in the craft. Countless knifemakers have benefitted from his willingness to teach and share all his knowledge with others. His speciality is folding knives and he has made over 627 at last count, plus thousands of fixed blade knives. He thrilled us at the 97 Spring conference with his latest masterpieces.



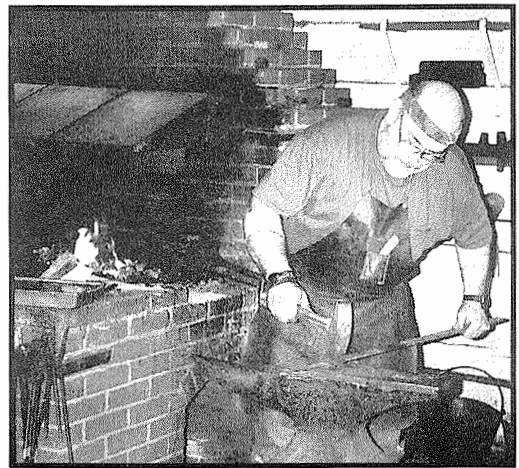
The large folder and its baby brother, "I Wanna Be Like You Dad". The large knife took Best of Show Art Knife at the Oregon Collectors' gathering this Spring.



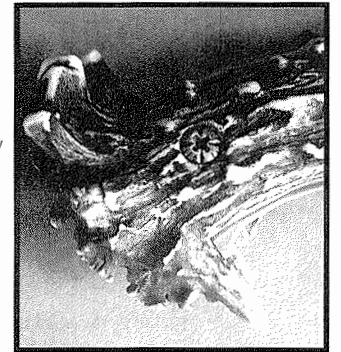
Wonderful filework adorns the folder spring. Wayne has some filework samples in his shop that are beyond belief.



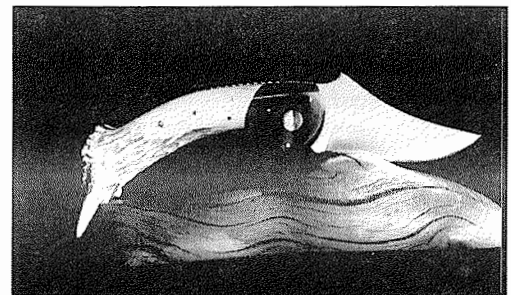
Terry Willis and Tom Richards get a personal show and tell on Wayne' latest folders.



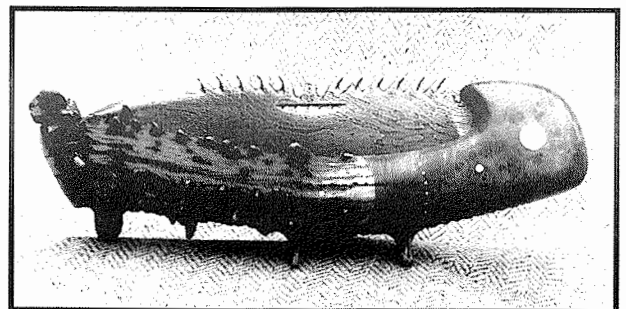
Donning his "Smithy" apron, Wayne shows his stuff for the Ft Vancouver Blacksmith Association using their old time coal forge a few years ago.



Filework on this screw shows Waynes' attention to detail.



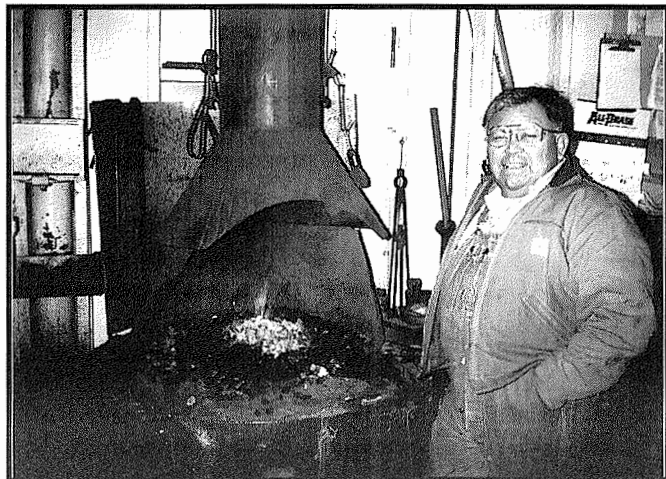
This is his first folder with duplex (wood and antler) handle, circa 1981



"Antler Fantasy" with wire Damascus blade, duplex handle, radical filework and pierced nail nick , circa 1992

I.T.T. Rayonier Corp. Donates Blacksmith Shop

By Don Kemper



Alfred Charles (left) was the last blacksmith employed at the mill. He had been employed there 26 years. Alfred built clamps, made tongs, jack hammer bits, chain hooks and straightened shafting and all the other things that come through the blacksmith shop door. He still used tempering colors as part of the heat treating process when working with steel.

He ran the 600 # steam hammer for us briefly. It ran sweet and smooth on 60# plant air. Thank you, Alfred for giving us the tour of your blacksmith shop.

It was a cold and rainy day in early February and I was up to my elbows in IRS records when the phone rang, it was a school teacher from Port Angeles, WA wanting the N.W.B.A. to know that the 67 year old Rayonier pulp mill would shut down Feb 28, 1997. He had been offered the blacksmith shop as a donation for educational purposes. He wanted the anvil for the school, could the N.W.B.A. use the shop?

Time seemed of essence, so I spent the day writing a grant proposal, describing the N.W.B.A. and our goals. A week later a phone call from Mr. Bill Jensen from Rayonier. I.T.T. Rayonier decided to give the shop to N.W.B.A...Hoo Boy.

Quick, call the board members (Proceed!) Then a trip to mill with Gene C....industrial equipment...good shape...how about removal? Mr. Jensen states liability dictates his crew dismantle, box and load all items, Much thanks.

First arrange truck/trailer to haul equipment to "Clark County Rural Heritage Fair" site where it will be unloaded and stored without charge. (Outside under tarps.)

The equipment arrived Feb 27, 1997, the same day as Darryl Nelson's Animal Head Workshop, no problem the fair site furnished 5 men to unload and tarp the equipment.

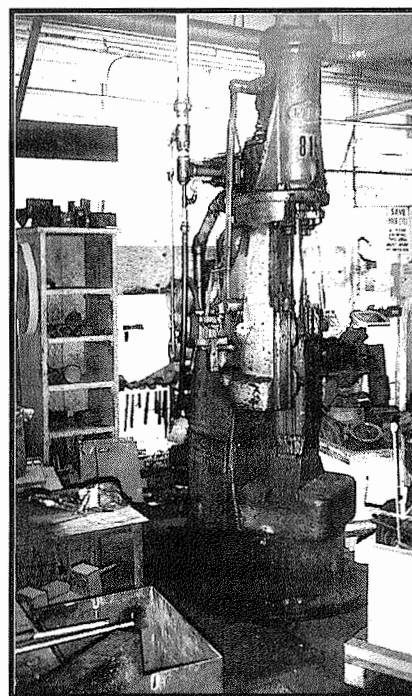
Total expenses to date, \$400 trucking and \$100 for tarps.

Donated equipment

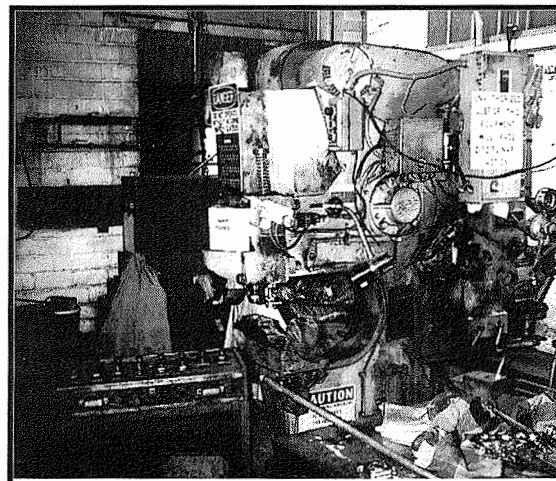
1. 600# N.B.P. "Steam"hammer converted to compressed air.
2. #1 1/2 Buffalo ironworker with extensive tooling
3. Foot platten table
4. 800 degree heat treat furnace.
5. 6 foot mechanized "Slip Roll"
6. Cone mandrel
7. 6 boxes 48"X48"x36" of misc blacksmith tools and equipment

Total weight exceeds 36,000#

The N.W.B.A. thanks I.T.T. Rayonier Corp. for this generous donation to be used for educational purposes, the opportunity to preserve the equipment for training and public demonstrations is greatly appreciated.



600# N.B.P. Steam Hammer



#1 1/2 Buffalo Iron Worker



OREGON SPRING CONFERENCE REPORT

by Jerry L. Kagele

The Spring Conference blacksmith demonstrations of Willem Jonkers offered a veritable Rijstaffel of blacksmith delicacies. Dave and Rebecca Thompson hosted the May event at Eugene, Oregon. Willem was accompanied by his wife Elizabeth and their son Lennart.

Willem's demonstrations were a study in Eurotechnique. They included scroll technique, various European scroll endings, European forge welding technique, use of patterns and dies, tool making, package welding, and even a pattern-welded blade.

Willem's evening slide presentations illustrated a stunning diversity of blacksmith talent and achievement. The gold-encrusted Palace gates were just the beginning of his repertoire. Suits of armour, both full-sized and miniature, stunning bronze tableware, art deco design, ancient restoration, and sleek modernism have all been mastered. Willem could give a year's worth of demonstrations on his varied creativity. His presentation, as well as his slides, illustrated his basic guiding inspiration derived from Divine Proportion. Explained as the concept of showing something that is not there. If Divine Proportion does not exist, the mind of the observer knows that it is lacking. It is an artistic balance that fits into one's imaginary feeling. Willem illustrated how he turns to nature's random forms as the basic source for the Divine Proportion utilized in his projects.

Scroll endings demonstrated included the light, playful Italian, the elegant French, the tightly tapered and rolled Medieval and the German-Austrian Baroque, which includes a round bar welded on the tip. Willem used a scroll panel to demonstrate his various techniques. The top of the panel contained a French Lily which graced the top of a stile containing die-struck patterns. Willem demonstrated the construction of the dies and how the patterns could be struck into the bars.

Willem's fluxless forge welding was

a carryover from Medieval European blacksmithing. He basically used a broad round punch to form cups on the ends of the bars to be forged welded. When heated, these cups contained molten metal which, when struck together, compressed together and pushed out impurities. He used the anvil corner to stretch the cups. On a cross-weld, the two cups on each bar would interlink, creating a circle of four cups at the union, which would dispel impurities. The pockets would generally go through one-half the thickness of the material.

Willem also demonstrated his "sauna" theory of forge welding. This was used primarily in the forge welding of knife billets. Just prior to removing the billet from the flame for the final weld Willem would quickly dip the billet in cold water. He explained that the cold water acted as insulation and drove the heat further into the stock. He would then place the billet back in the forge for the welding heat.

Willem fashioned a unique scroll hardie which allowed for effective bending and also for bending a 90-degree angle.

He stated that one of the most fundamental and difficult techniques is forging a point. All failures in the technique become apparent if not done properly. He stated that the secret to properly forging a point is keeping the stock square as it is worked out or else it becomes a diamond, loses shape, and is difficult to control.

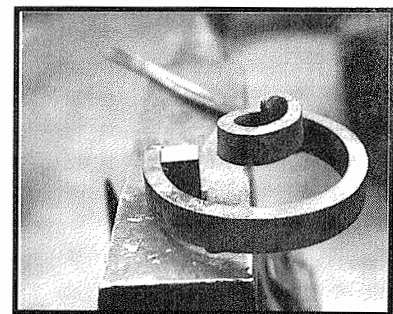
Willem also demonstrated a pattern-welded blade. He forge welded together a billet of mild steel and high carbon steel. This he folded, forged-welded again, drew out, twisted, folded over the twist, and forge-welded together. He gave the billets several forge welds to ensure that no cold shuts were present. Although using a coal fire, he stated that he preferred the purity of a charcoal fire which did not contain the sulfur contained in coal, which could be absorbed into the metal. He stated that he uses a special German coal which is uniform in size and has a high tar content. This makes the coal stick together better and allows him to configure it in

his forge as needed for forge welding.

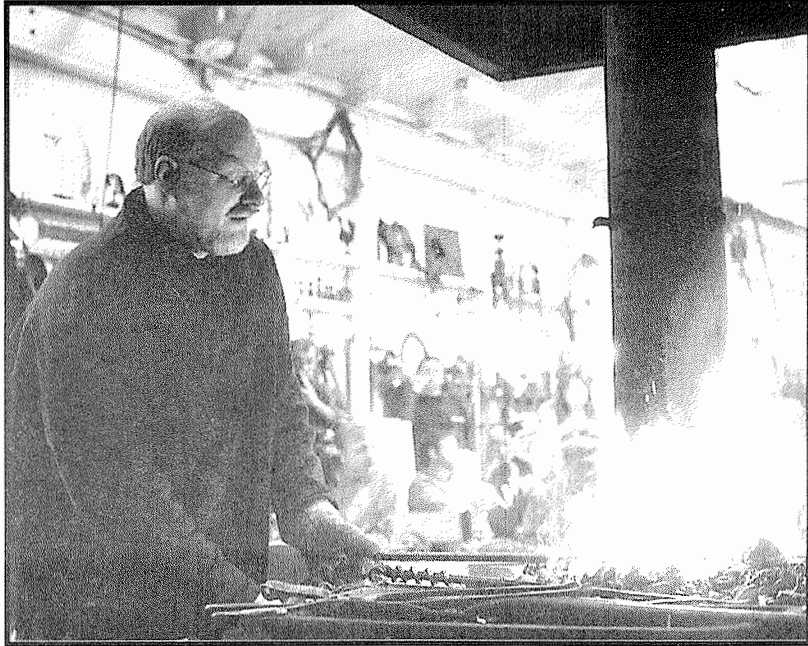
Willem brought along a collection of his Damascus tableware made from his own bronze alloy. They were representative of the elegance and style which characterizes all of his work.

After Eugene, Willem and his family also got to see Montana by demonstrating at Dan'l Moore's smithy in Kalispel, Montana. This was Spring Conference for the Northern Rockies Blacksmith Association and the two events were dove-tailed to take maximum advantage of Willem's U.S. presence. During the course of all of these events it was great fun for me to host the Jonkers family. It was also great having one of the world's premier blacksmiths whipping out nifty tools and projects in my own shop! We also had a great evening with Don Kemper who overnights enroute to Montana. I really didn't realize the breadth of Willem's demonstration until I got home and reviewed the videos in anticipation of this article. He covered an amazing amount of material! But Fear Not, Ye Inattentive! Both Willem's Oregon and Montana demonstrations have been etched in video film and are available through N.W.B.A. librarian Don Kemper (See Reviews page 5)

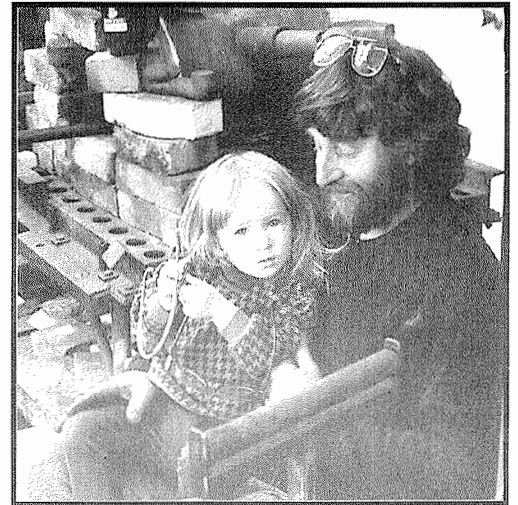
One of the most interesting aspects of Willem's slide presentation was his display of ancient, medieval and European art which depicted the use of iron. As the accompanying photo from Willem's slide show clearly demonstrates, it is now conclusively proven that Jerry Culberson, in one of his former lives, was one of the original Niebelungen Blacksmiths who had their ancient shops in deep caves beneath the Rhine River!



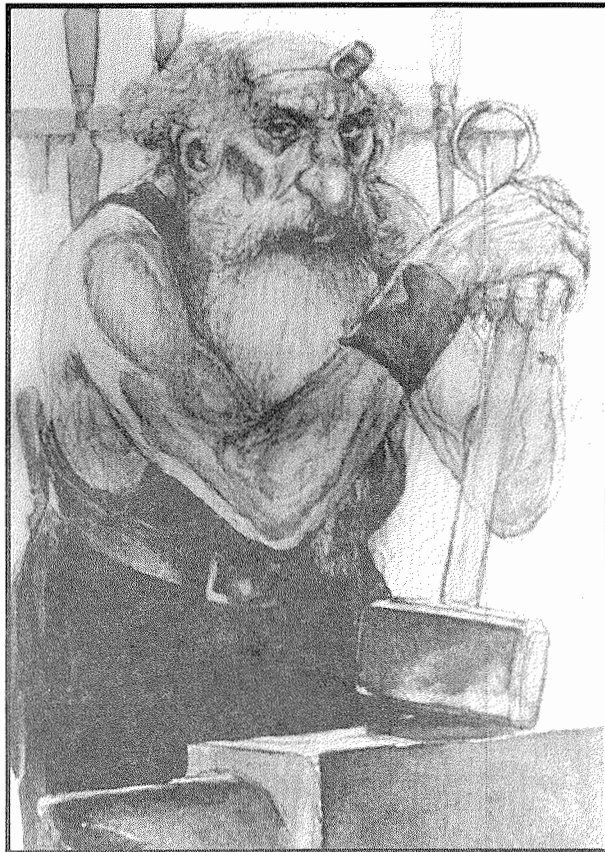
A scroll iron that Willem forged by hand which he used on his demo piece.



Willem kept all riveted to their seats during his demonstrations.



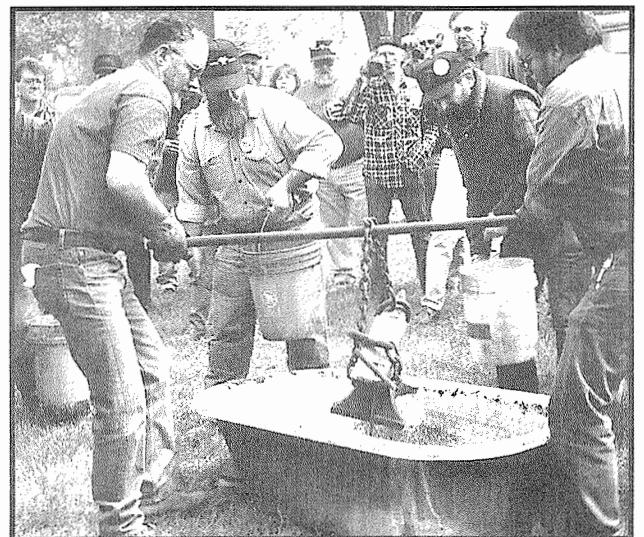
Dave Thompson and daughter Ellis



An original Niebelungen Blacksmith



Bravo Willem, Bravo!



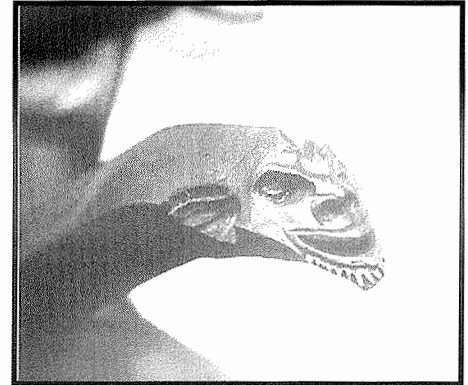
How to get an anvil squeaky clean. Part 1.

Animal Head Workshop

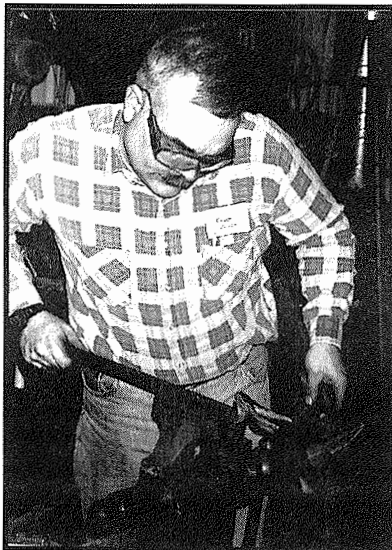
A second animal head workshop was held at the end of February at Don Kemper's shop with **Darryl Nelson** instructing all in the finer aspects of forging animal heads and other critters. Darryl's magic touch at the anvil held us spellbound as usual. Everyone went away with pieces they had forged, loads of notes and that special warmth of workshop fellowship. Thanks Don and Diane Kemper for hosting the event, great hospitality and the Saturday evening doings at their house.



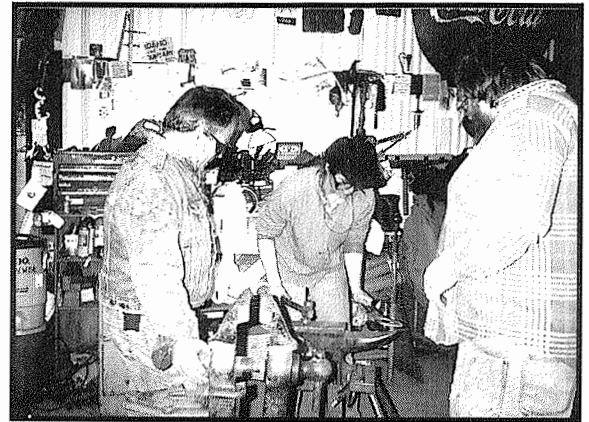
Forging and grinning, it don't get any better than that.



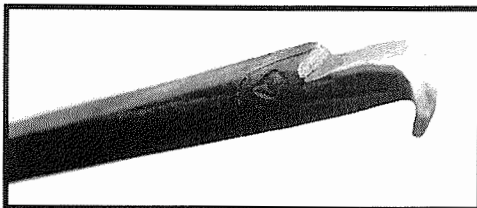
Gargoyle that Darryl forged on the diamond from square bar. He mentioned that copper is easier to forge than bronze, isn't red short and can be heated hotter without melting.



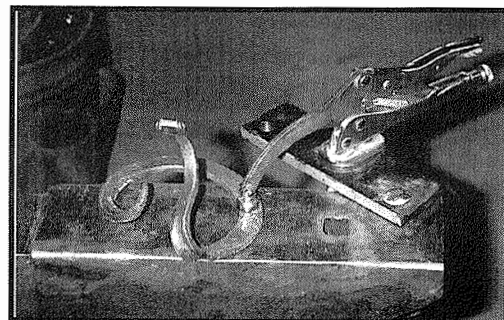
Randy Unger, "Forge in the Forest", Pt Orchard, WA forges one of the workshop projects.



Christa Fairbrother has an audience while finishing an animal head. Christa is a farrier and also editor of FAWS, The newsletter of The Farriers Association of Washington State.



One of the demos included this Sea Eagle

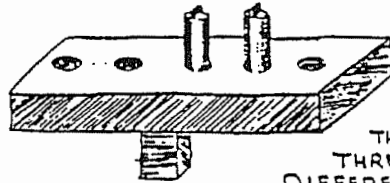
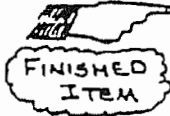


Nifty hold down that was used at the workshop.

Hot Tips

ADJUSTABLE BENDING FORK by JOE FARINA

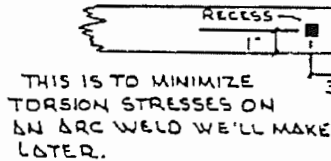
PEACE RIVER FORGE
RT 4 Box 1238
ARCADIA, FL. 33821.



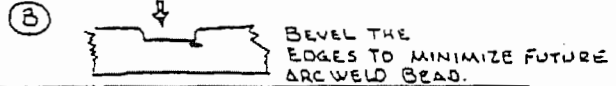
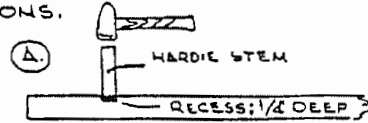
YOU CAN VARY THE SPACING BETWEEN THE FORKS BY MOVING THEM... THE HOLES AND FORKS ARE THREADED TO PROVIDE 10 DIFFERENT SPACING COMBINATIONS.

- ① FORGE THE HARDIE STEM TO FIT YOUR ANVIL. MAKE SURE IT IS LONG ENOUGH TO EXTEND FULLY THRU THE ANVIL. CUT IT OFF AND DRESS BOTH ENDS SQUARE.

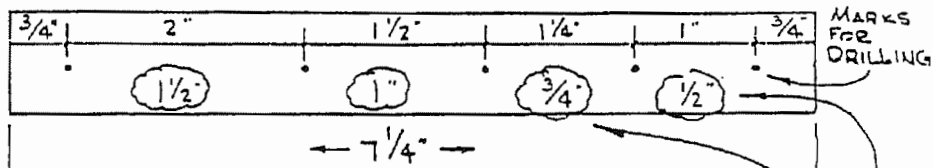
- ② HEAT A SECTION OF 1" x 2" FLAT M.S. BAR (ABOUT 3" x 4") FROM ONE END AND USE THE HARDIE STEM TO "COUNTERSINK" & RECESSED IMPRESSION. NOTE THE DIMENSIONS.



THIS IS TO MINIMIZE TORSION STRESSES ON AN ARC WELD WE'LL MAKE LATER.



- ③ CUT THE BAR AT 7 1/4" AND MARK IT WITH A CENTER PUNCH AS SHOWN. THESE DIMENSIONS YIELD 10 DIFFERENT SETTINGS FROM 1/2" TO 5 1/4" BETWEEN FORKS. (OR VARY TO SUIT).



- ④ DRILL @ 27/64" HOLES & TAP FOR 1/2" BY 13 THREADS. Do Not Go Thru Bottom With Drill.

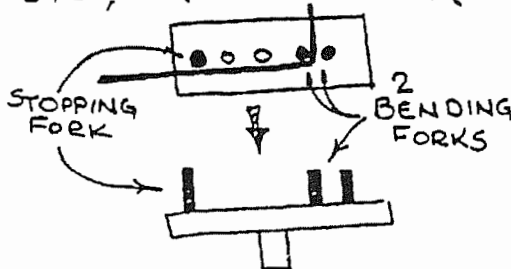


- ⑤ ARC WELD HARDIE STEM IN PLACE. FILE/GRIND WELD BEAD FLUSH.



- ⑥ CUT 3 LENGTHS OF 1/2" ROUND EACH 3" LONG. THREAD @ 1/2" x 13 FOR 1/2". GRIND THE OTHER END AS SHOWN TO ALLOW FOR USING A WRENCH. YOU'RE DONE !!

- ⑦ USE THE THREE FORKS TO BEND AS WELL AS STOP, FOR DUPLICATING THE SAME SHAPES.



SUBMITTED BY MIKE SCHAFER

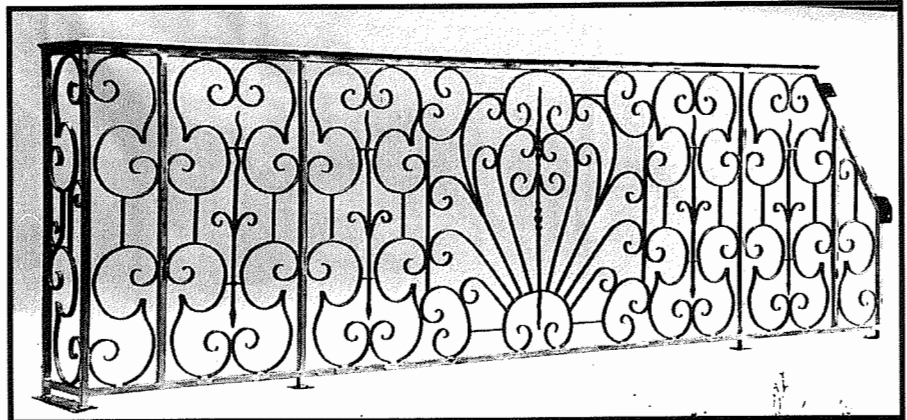
STAY TUNED... MORE STUFF IS COMING...
JOE FARINA
PEACE RIVER FORGE

Reprinted from The Rivet, Western Canada Blacksmith Guild. (Originally from Ocmulgee Blacksmith Guild)

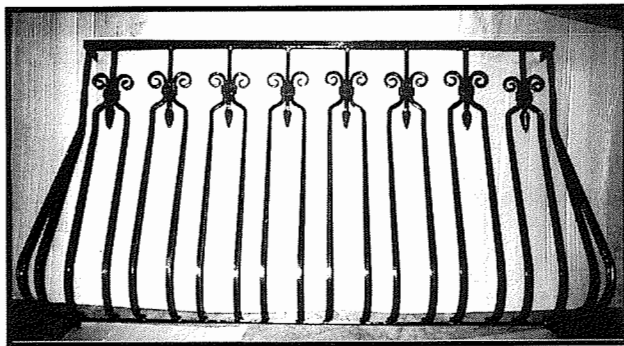
Fred Neumann's Railings

Fred Neumann finished these beautiful railings this Spring for the Marilyn Richardson residence in Scandia, WA. Much thought was given to the design which met strict building codes and still a pleasure to look at.

Photos are by Rawls Photography, Silverdale WA



Fred's ironwork is a pleasure to look at and still meets building codes, not an easy task today.



Balcony railing with ample foot space.

N.W.B.A. member Fred Neumann, age 61 died at his home on May 10, 1997. Fred retired from the Trident Submarine Base at Bangor, WA in 1990 as a General Foreman in the Hull Division. He also was a Certified Instructor of welding and taught at Olympic College in Bremerton, WA. The photos on the right show the progressive forge and iron work necessary to complete the railing and speak of his thoroughness as an instructor. He is survived by his wife Charlotte, three sons, two daughters, a brother, 14 grandchildren and one great-grandchild.

Fred got into blacksmithing late in life and thoroughly enjoyed it as evidenced by the fixtures, tooling and projects in his shop. He also was active in 4-H and raised registered sheep.

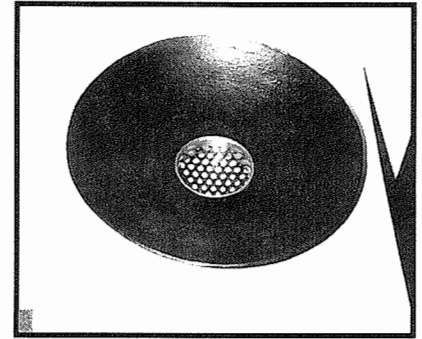
We will all miss you Fred.

These impressive step by step drawings in iron show the skills Fred had in subject preparation and teaching.

Living With Iron at the Frame Wright Gallery

January 18 - February 21, 1997 a unique exhibit of large scale works by Northwest blacksmiths and iron workers. Featuring Phil Baldwin, Judith E.J. Caldwell, Jerry Culberson, Russell Jaquay, Nancy Mee and Laura Griffith. Also on display: works by Jeri Childs, award-winning Northwest Photographer.

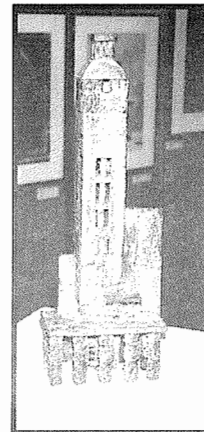
New gallery exhibits are exciting especially when iron is the main course. Peg and I trekked over to Bothell for the opening and had a nice time oohing over the forged goodies, taking pictures and shooting the breeze.



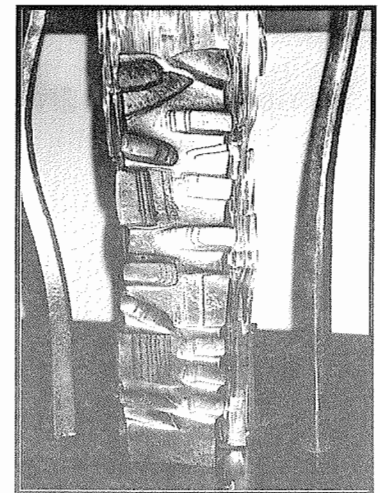
Forged bowl by Phil Baldwin



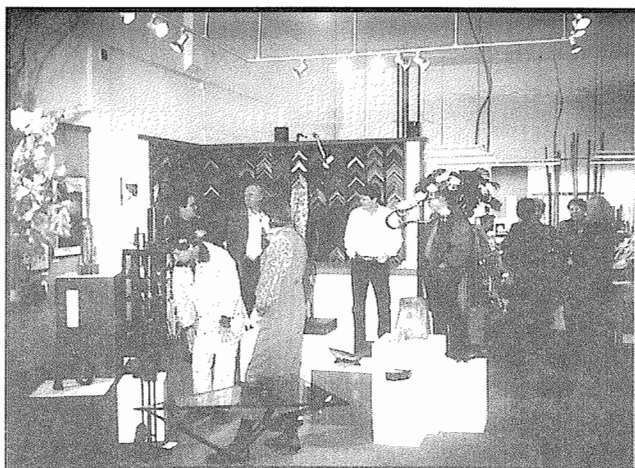
Russ Jaqua forged table with South American, Sanduba stone top. Atop the table is a cast iron vessel by Judith E.J. Caldwell



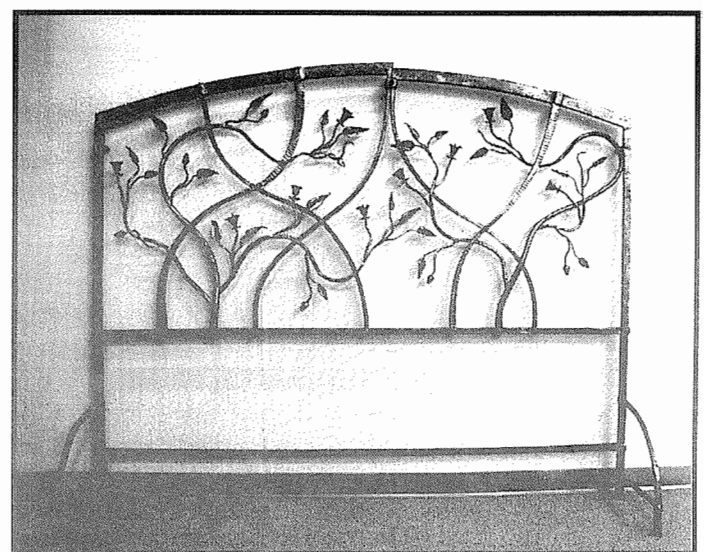
Cast iron structure by Laura Griffith



Forged steel, and glass sculpture by Nancy Mee



A nice group were mingling at noon February 18. By evening the gallery was full of artists, blacksmiths and well wishers.



Forged bedstead by Jerry Culberson and Apprentice Laura Goemaat. This piece is in the gallery pages of the last Anvils Ring



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Do you make a living as a Blacksmith___ Bladesmith___ Farrier___ Metalsmith-
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Annual dues are \$35 (\$39 out of the country) and includes a quarterly sub-
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- | | | | |
|--|---------|--|----------|
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| <input type="checkbox"/> SENIOR CITIZEN (65+) | \$30.00 | <input type="checkbox"/> CONTRIBUTORY MEMBER | \$100.00 |
| <input type="checkbox"/> OVERSEAS AIRMAIL | \$70.00 | <input type="checkbox"/> PUBLIC LIBRARY | \$25.00 |
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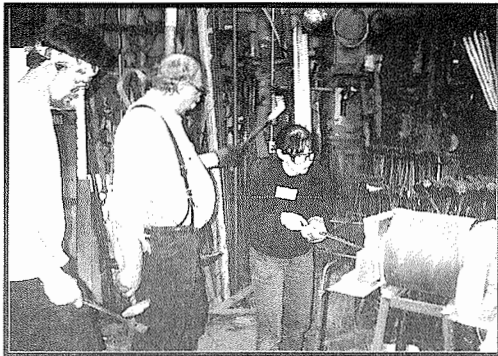
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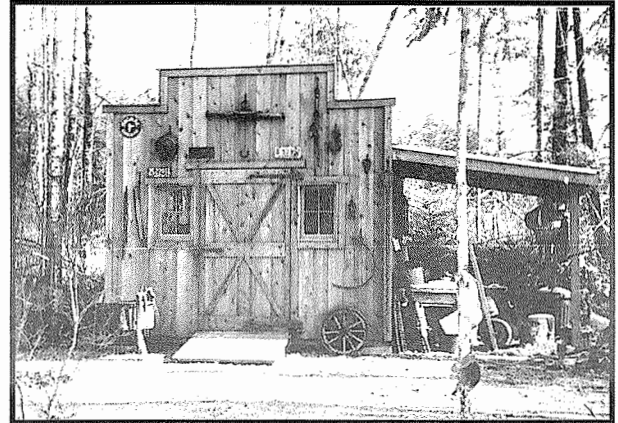
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Novice II-III Workshop

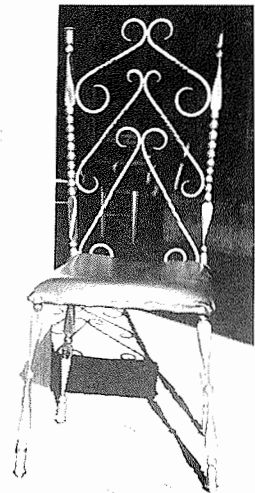
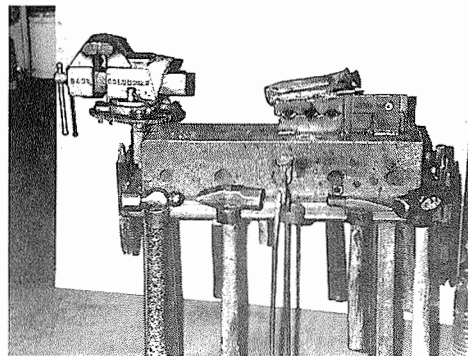
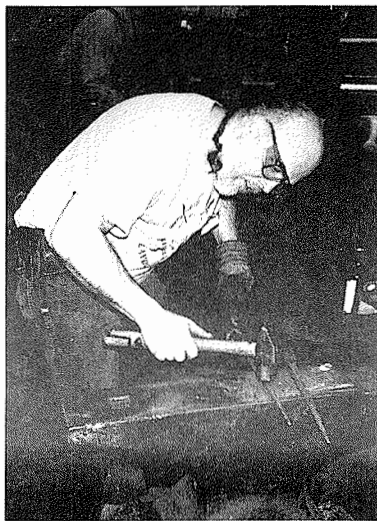
February 21-23, 1997 was the scene of an Advanced Novice Workshop. Jerry Culberson and Laura Goemaat were the instructors. These advanced workshops fine tune student's area of interest. Tooling, decorative work, design and iron problem solving were addressed along with humor, great food, sweat and blisters.



Jerry helps Ruth Chaus on a project, while Alex Montgomery takes mental notes of the proceedings.



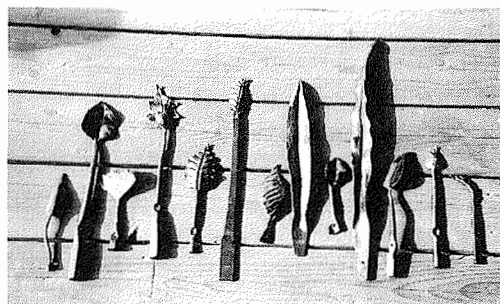
Jerry and Ina have a new garden shed that would double anywhere in the West for a blacksmith shop.



David Lisch, a three time repeat iron pounder, made this anvil/worktable before he found an anvil for his shop. He made this wonderful chair and brought it for show and tell. The legs and back were forged from tubing



Paul Christansen studies his handy work.

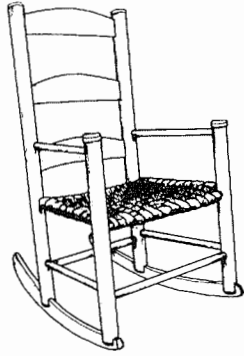


These demo leaves were forged earlier by Jerry. They are usually on a ring for all to study



This was Joe Coullahan's second Novice workshop.

ARMCHAIR BLACKSMITHING



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The Pattern-Welded Blade (Artistry in Iron)

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This book has some of the above subjects covered plus extensive pattern welded steel techniques, pattern development and grinds to enhance the pattern. 103 pages

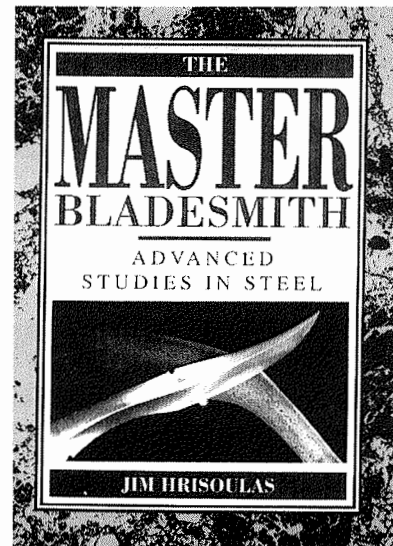
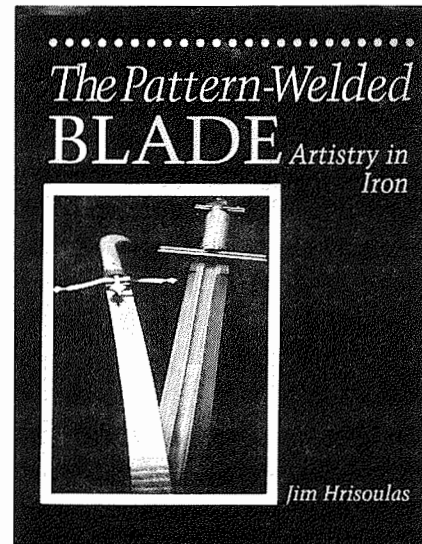
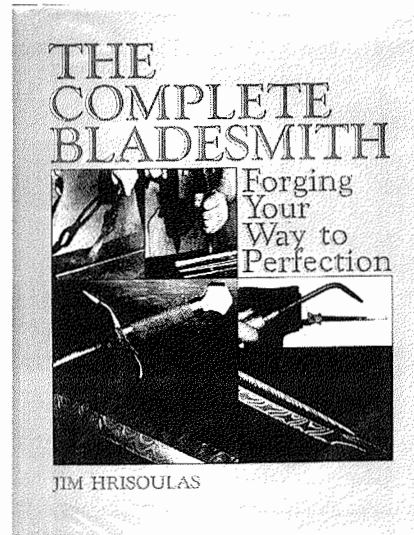
The Master Bladesmith (Advanced Studies in Steel)

This book has advanced chapters on some of the above two books, heatreating and tempering, metal and wood finishing, scabbard making, swordmaking, spears, axes, Mokume, plus more resources for knifemakers. 285 pages ISBN 0-87364-612-6

All above by Jim Hrisoulas

These three books are in the N.W.B.A. library and available for the shipping costs. They cover a wide variety of subjects from basics to advanced and would be a great help to beginners and seasoned bladesmiths and knifemakers.

My advice would be to check out each book, read and study then decide for yourself if you want to buy them for your own library.





CLASSIFIED

Machine Tools: Mostly home shop size machine tools. Send \$5 for quarterly mailings (about a dozen pages or so) Crating and shipping available. Meridian Machinery/Dave Ficken
PO Box 1
Babylon, NY 11702
516-777-1317

Custom Laser Cutting

JST Custom Fabrication Inc.
219 E 50th St
Boise, ID 83714
208-377-1120
This firm is highly recommended by Nahum Herson

Leather and synthetic wide belting

Peat Belting & Supply Co
2430 1st Ave S, Seattle WA 98134
623-5130

WANTED: Photos of your shop, iron-work, demonstrator notes/drawings, blacksmith action pictures or anything else you feel would be useful for publication in the *Hot Iron News*. Contact Gene Chapman, P.O. Box 1038, Kingston, WA 98346, 360-297-2495.

Free Classified Ads

(Pertaining to Blacksmithing) Large ads will be inserted if space permits.

Basic Bladesmith Information.

\$15.00, Wayne Goddard, 473 Durham Ave, Eugene OR 97404 541-689-8098.

Farrier (and Blacksmith)Sup-

plies Books, Edge of the Anvil by Andrews \$25, Cumberland coal, 50# \$14, Ickler belt sanders, 2 1/2" x 48", \$310 and 4" x 60", \$504, Hammers, hardies, brushes, 24" SS blacksmith ruler, \$27.50, True welding flux, 1#, \$10.85, 260# JHM anvil, \$630 and 130# Mankel anvil \$550.85. All prices FOB Monroe, OR

Farrier Supplies, 26729 Hwy 99 W, Monroe, OR, 541-847-5854

Coal forge fire pots. 8"X11" and 8"X14", both 4" deep and 3/4" thick. Gerald Hawkins, 132 Weinland Dr, New Carlisle OH 45344.

New ABANA Director

Will Hightower, PO Box 475, Sterling, AK 99672-0475 email iceanvil@ptialaska.net

Fold forming papers and Video

Introduction to Fold Forming \$15.50, Fold Forming Introduction Video \$23.50,(\$3.00 shipping), Brain Press, Box 1624, Ste M, Calgary, Alberta, T2P 2L7, Canada.

Coal by the bag

Valley Farrier Supply
21383 S Yeoman Rd
Beavercreek, OR 97004
503-632-4366

"Nose to the Grindstone"

Bladesmithing Book by Gene Chapman



Mt. Man Knife with Integral Bolster

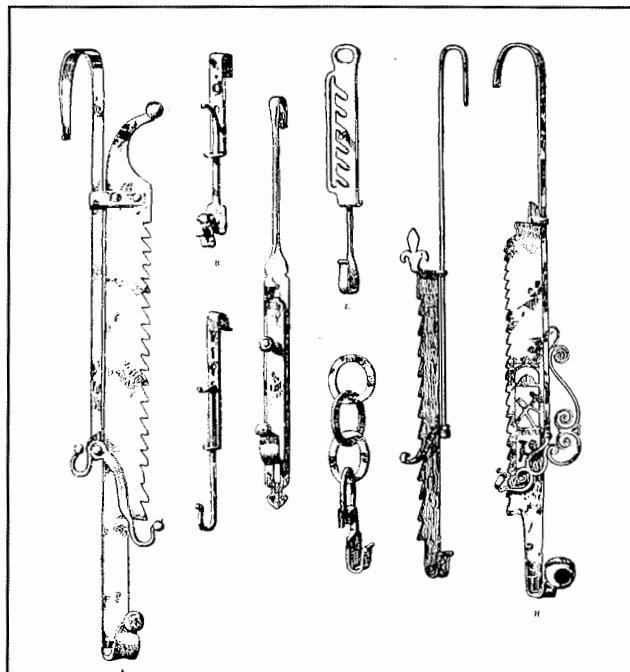


Easy Antler Handle Clasp Knife

Make a Antler Drilling Engine, a Hot Iron Touchmark + Damascus Tidbits. 20 pages, 50+ photos/illustrations. \$7.95 plus \$2.00 shipping. Free Flier on Books (Antler and Iron II, Penny Knives, Little Ugliers and Country Knives.)

Oak and Iron Publishing, P.O. Box 1038
Kingston WA, 98346 360-297-2495

Anvil Magazine (Nov 96 issue 60 pages) is published monthly, \$49.50/year. Although primary for farriers it has some blacksmithing articles in it, along with tool and fuel sources, book reviews and interesting stories. Anvil, P.O. Box 1810, 2770 Sourdough Flat, Georgetown, CA 95634-1810.



WROUGHT IRON POT-HOOKS, 16TH, 17TH, AND 18TH CENTURY TYPES DRAWN TO SCALE, Length of A 3 feet 7 1/2 ins.

- A. Author's collection
- B. Mr. R. Turner's collection
- C. The late J. G. Russell-Davies bequest
- D. Author's collection
- E. Hastings Museum
- F. Mr. J. A. Battie's collection
- G. The late L. G. Russell-Davies bequest
- H. Victoria and Albert Museum

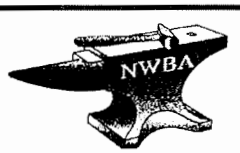
FROM Iron and Brass Implements by Lindsay



Damascus steel workshop taught by Phil Baldwin at Ft. Worden, Pt. Townsend, WA prior to the 1992 N.W.B.A. Spring Conference. That big thing in the background is a one cord wood/charcoal retort brought on a dragon truck (complete with flaming mouth) from Moscow, ID by Mark Soloman. Two cords of charcoal were used to forge and forge weld damascus steel billets. Left to right: Tom Graham, Ike Bay, Mark Soloman, Gene Chapman, Dan _____?, Phil Baldwin, Dorothy Stiegler, Russ Jaqua and Corky Storer

May the Forge Be With You

HOT IRON NEWS
GENE CHAPMAN, EDITOR
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