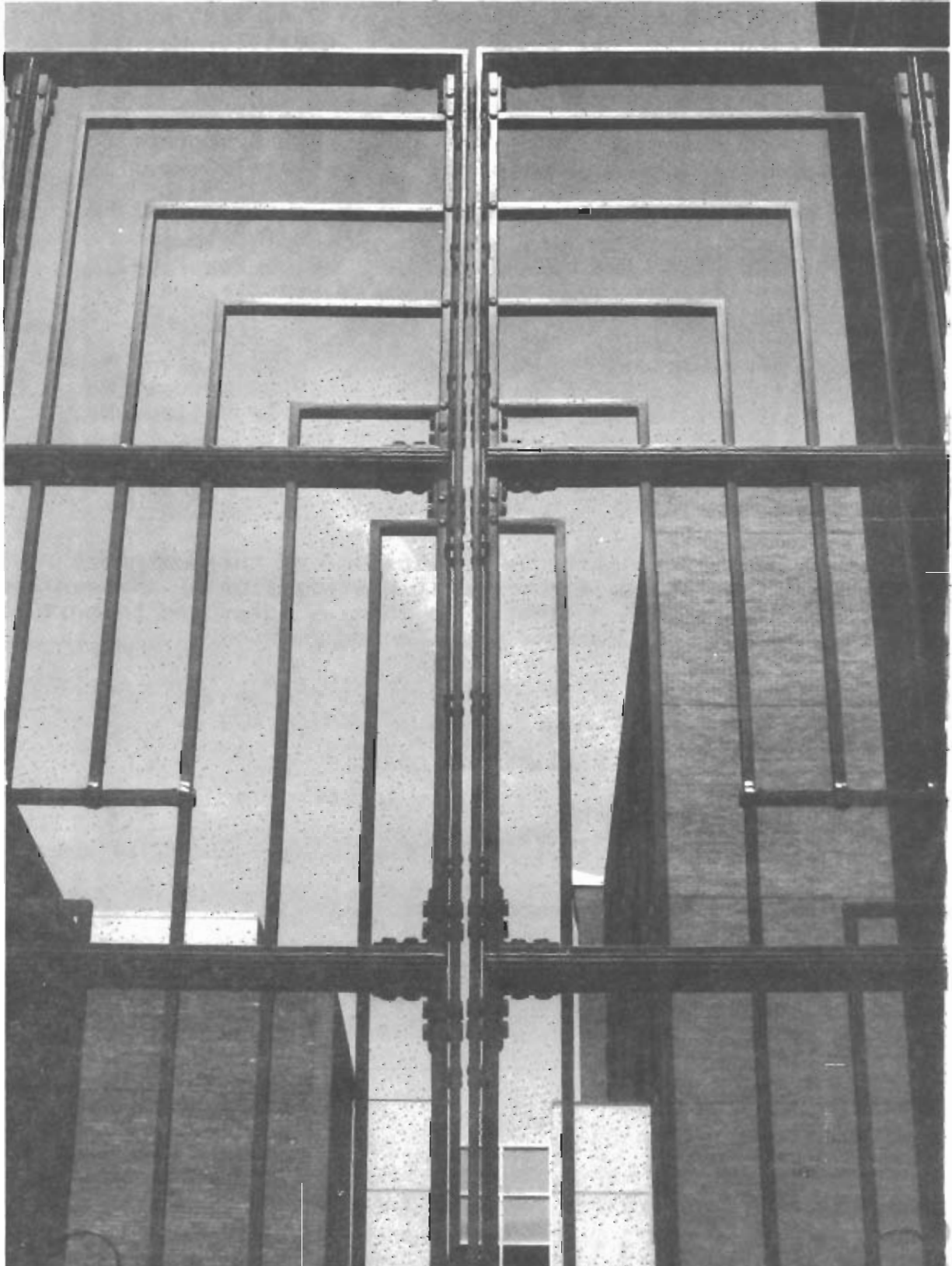




Hot Iron News

MAY, 1985 -- Voice of the Northwest Blacksmiths Association



GATE BY JIM GARRETT

See page 5

N. W. B. A.
Box 81041, Seattle, Wa.

1985 Officers and Board Members

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Editor:	Terry Carson Rt. 2, Box 292-C Eatonville, Wa. 98328	Corky Storer 19709 Maxwell Rd. S.E. Maple Valley, Wa.

The Hot Iron News is a quarterly publication of the Northwest Blacksmiths' Association, a non-profit organization of amateur and professional blacksmiths dedicated to sharing ideas and techniques, and increasing the public's awareness of forged ironwork.

Subscription included with membership in N.W.B.A.. Dues are \$12.00 a year.

Please send material for publication to:

Rt. 2, Box 292-C
Eatonville, Wa. 98328
Terry Carson, Editor

Classified Ads are free to members.

N.W.B.A. is Proud to announce that with 190 members from ten (10) states (Washington, Oregon, Idaho, Montana, California, Alaska, Colorado, New Mexico, Delaware, Wyoming) and two Canadian Provinces (British Columbia and Alberta) we are one of the largest local associations on this continent.

Each year we sponsor several workshops, conferences and Pig feeds.

With your continued Participation we can remain not only one of the largest associations, but one of the best!

If you've been paying attention, you'll have noticed that this issue marks the beginning of our new "magazine" format.

NWBA has grown large enough, thanks to your support, to require an expanded format so that we can continue to bring you all the news and hot iron tips.

Thanks to Ike Bay, and his secretary Bobby, for all of the time and effort they've expended in the last few years.

Also, our grateful thanks to Corky Storer, whose able stewardship of our newsletter over the past two years has enabled us to grow to this point. Corky is now passing the baton to Terry Carson. Please address all editorial material to: Terry Carson
Fire Mountain Forge
Rt. 2, Box 292-C
Eatonville, Wa. 98328

NORTHWEST BLACKSMITHS ASSOCIATION
PO BOX 81041 SEATTLE WA 98108

MEMBERSHIP APPLICATION: NEW RENEWAL

Annual dues are \$12.00. Please make check payable to NWBA.

NAME: _____ DATE: _____

FIRM NAME (optional): _____

ADDRESS: _____ TELEPHONE: () _____

CITY: _____ STATE: _____ ZIP: _____

NWBA Officially Joins ABANA

The Northwest Blacksmiths' Association has recently become a chapter of the Artist-Blacksmiths' Association of North America.

This brings us several benefits, including the right to reprint articles from other chapters' newsletters and reduced rates on films and slide shows from ABANA'S library.

ABANA is a nation-wide organization with nearly 3,000 members, having the same goals as NWBA. Hopefully, with ours and other chapters support, it will have more "clout" to sponsor shows and competitions, to everyone's gain.

The Anvil's Ring, ABANA's Publication, is an excellent source of information on both traditional and contemporary ironwork in the Americas and around the world.

Membership Application

Membership in ABANA includes a subscription to The Anvil's Ring.

Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Practicing Smith Artist
 Teacher Student Amateur

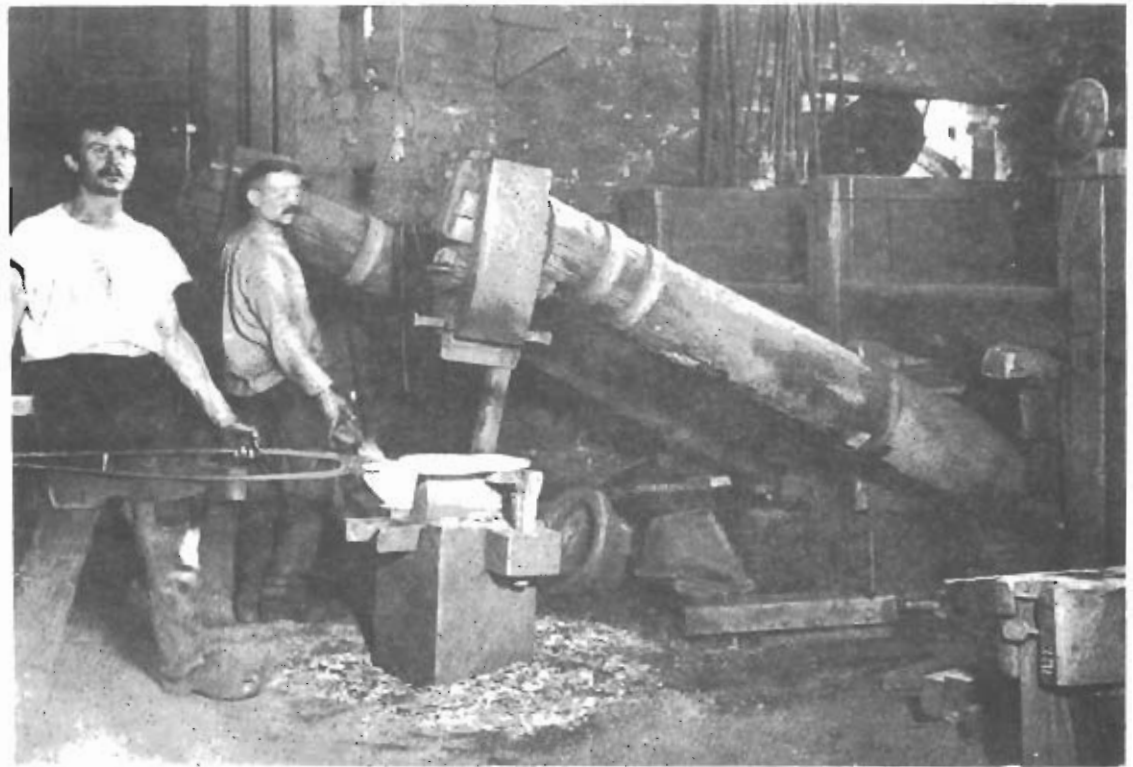
- Full-time Student.....\$15.00/year
- Regular Member.....\$25.00/year
- Family Membership....\$30.00/year
- Senior Citizen.....\$20.00/year
- Overseas Member.....\$32.00/year
- Contributory.....\$50.00/year
- Library Subscription..\$25.00/year

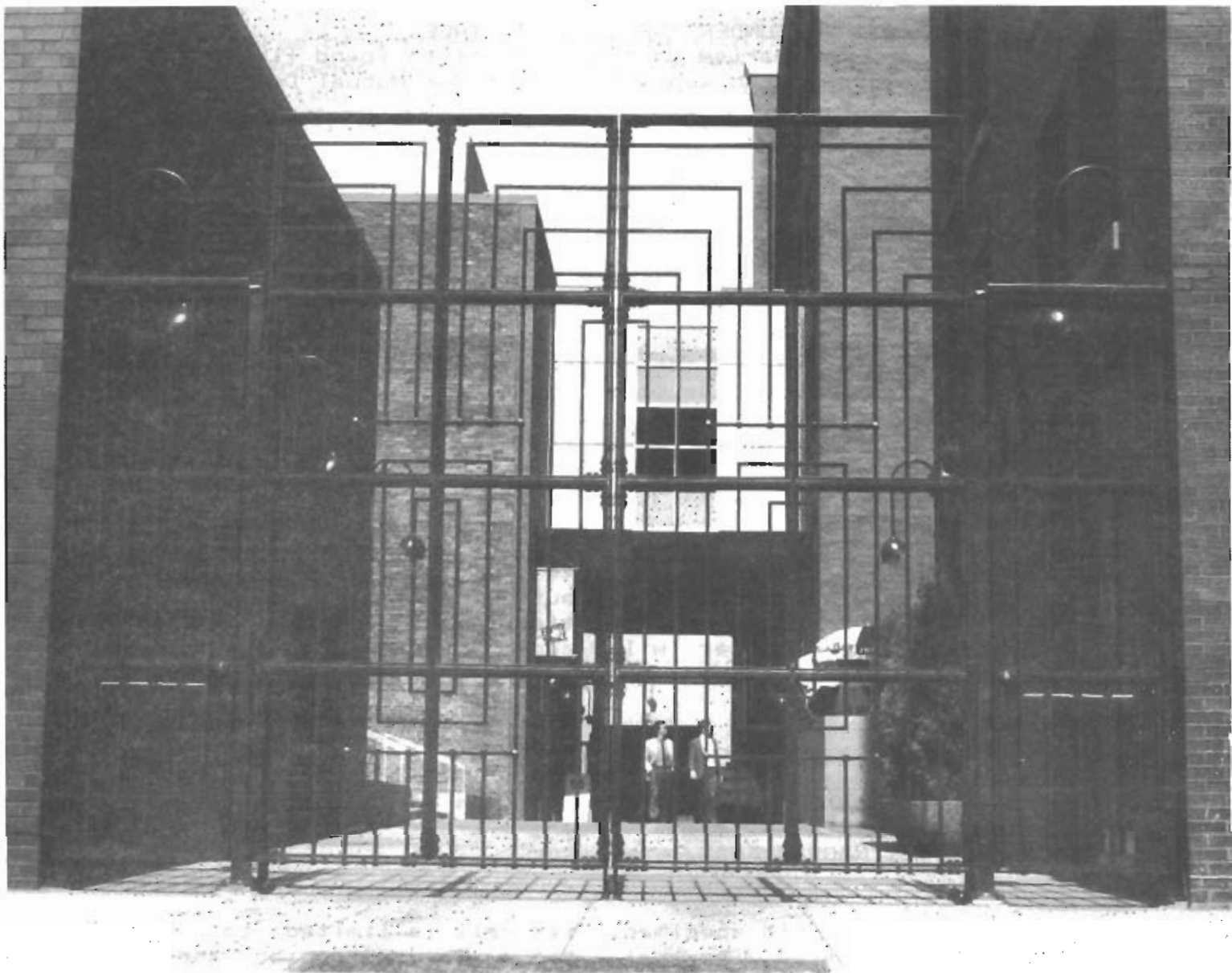
Mail to:
 Artist-Blacksmiths Association
 of North America
 P.O. Box 1191
 Gainesville, Florida 32602

Check must accompany application.

4.4.85 Glenn Gilmore PO. Box
 A 19075 - Dernière forge à "maki" de la Province de Liège - Crautfontaine 1905
 LIÈGE MUSEE DE LA VIE WALLONNE
 Archives photographiques - reproduction autorisée
 BZ
 NC
 USA

*Hi Guys,
 Been here 3 1/2 mos.
 It's great. This
 is one of our
 better hammers.
 Working w/ metal
 is amazing.
 Hope you're all doing
 ok. Take care
 Glenn*

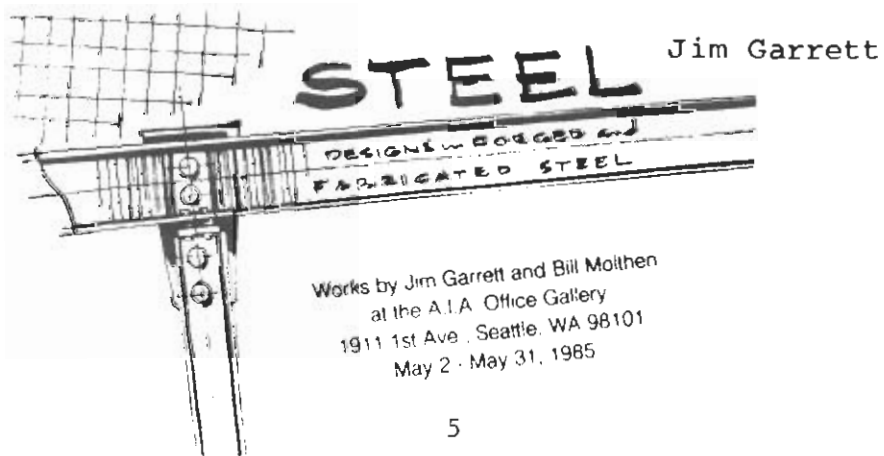




Merrill Place Gates

The two gates form the North and South entries to the Merrill Place courtyard and fountain area, on Post Alley between King and Jackson Streets in Seattle.

Grids were used as a design theme throughout the city block development. Bill and I decided to play with the grid structure we used in the gates by creating additional patterns of layering and light. To do this we riveted angle heel to heel on spacers to flatbar.



UNDER THE CHESTNUT TREE

Being a short treatise on the fauna often found lingering about the Shop, with suggestions for Our Mutual Defense.

Esteemed colleagues: I submit for your edification a catalogue of those fauna which appear unbidden, as vultures to a carcass, at any Blacksmith establishment which is open to the General Public. Their countenance is collectively most hideous, and while you may in time enure yourself to the sight of them, the usually inexperienced Customer, being un-accustomed to the type, is often found to recoil in horror upon encountering one.

1) The WISTFUL GAZER, or WG for short:

The least obnoxious of the lot, these often appear in groups, standing at the rail with a look of stoney-eyed rapture upon their faces, as if drawn to the forge fire by some moth-like tribal memory. Rarely uttering a sound, they have been known to rust anvils with their gaze.

2) The WOOD BEE, and its close cousin the USTA BEE:

A highly exciteable creature, its call is usually of the nature "I WOOD BEE a blacksmith, too, but I've got no place to set up a shop" or, in the case of the latter, "I USTA BEE a blacksmith". If pressed, the latter will admit to once having taken a high-school class in metal shop.

3) The MUNCLEWAS:

Kin to the above, its call is "MUNCLEWAS a blacksmith", which phrase being delivered with much head-bobbing and a grin usually described in less learned circles as 's--t eating'. A highly mutated species, some variant cries are "MANTWAS...", "MADADWAS...", "MAGRAMPAWAS...".

4) The DYUSHOO:

A particularly stupid specimen, its call is limited to "DYUSHOO horses?" repeated several times in succession and often punctuated with a maniacal laugh. The effort seems to exhaust it, after which it will usually drift away quietly.

5) The WATCHAMAKIN:

Easily the most obnoxious specimen, its cry of "WATCHAMAKIN MISTER?" is best replied to with the phrase "Noise and Dirt". This seems to frighten it, thus rendering it mute.

6) The CRAFT MAULER:

Closely related to the Jackass, which they mostly resemble, these above are the one group in which sex-differentiated behavior seems to occur. The male is usually tacit; its behavior is generally limited to rolling your work around in its fore-paws with a bemused expression on its face, as if amazed that such an object as it is holding actually exists. After a suitable interval the object is replaced, although never in its original orientation; this behavior is known in the Trade as "trashing the display". The female, while exhibiting similar behavior, is however far from silent. Being rather hard of hearing, it naturally assume everyone else is too. Its cries, delivered in stentorian voice, are usually of the order "Oh, sure - EVERYBODY needs one of THOSE" or "Ya, but where would you PUT it" or, most annoying of all, "SHOOT - I could get Uncle Harry to make me one of those".

As discharge of a firearm within the confines of a public space is usually frowned upon, one's defensive strategies are necessarily quite limited. I have personally discovered that the usual aggregation of coal dust and sweat accumulating on the skin will, if left undisturbed, soon acquire a lovely patina which is most useful as an insulator against the barbs and venom of the above species. One slight disadvantage is, of course, the concomitant odor which soon arises. Although important to your defense, it can be most distressing to Decent Folk. One useful technique is to endeavour always to stand down-wind of potential Customers. Tugging your fore-lock, if you are fortunate enough to have one, is also a most reassuring gesture.

I hope this may prove to be of some small service to my Friends and Colleagues. Thanking you for your kind consideration, I am,

Most humbly yours,

J. Slack, esq.
The Blacksmith Shop
Grand Central on the Park
First Avenue and Main Street
Seattle, Washington, USA

OBSERVATIONS OF AN NWBA SCOUTING PARTY

Having just returned from an enjoyable weekend at Timberline Lodge, I'm happy to report the U. S. Forest Service was kind enough to write off the damage done to the trees by my attempt to X-Country ski!

Seriously, this site for our 1985 NWBA Conference, and what a great place for it, is surrounded by the most scenic beauty of North America. The area designated for our operations should be most satisfactory. The People of

Timberline are looking forward to our being there and learning from us how the craft of Ironwork was put to use in the construction of this fine National Historic Site. This famous place is visited by thousands of people each year, so let's all get together and make NWBA's contribution to history.

Every one come prepared to bend some iron, as well as your elbow!

See you there,
Russ Mau9ans

Ike Bay visited Colonial Williamsburg this spring and made tentative arrangements to have both Peter Ross, the resident blacksmith, and Gary Bloomfield, the gunsmith, come to the Northwest and put on a workshop next spring.

Ike also brought the following notes on making a nail header and forging a Suffolk-Type latch, as shown him by Peter Ross.

The nail header is made more versatile by having interchangeable slugs for different sizes of nails.

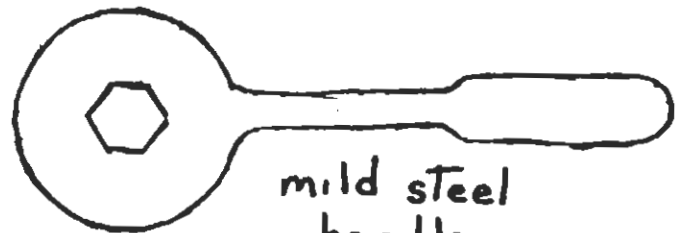
Make the slugs from the collar area of a small jackhammer bit, anneal and drill a hole the diameter of the nail shank desired, heat and drive a tapered drift from the bottom. Dress the hole square with a file. The domed top helps when forming the nailhead. The handle is forged from mild steel.

When making a nail, pull the taper by eye, using a sharp anvil edge. To shape the shoulder, cut 3/4 thru on two sides. Take a heat, place blank in heading tool and twist off hammer head to desired shape.

Nail header



Slug



mild steel
handle



Tool Together

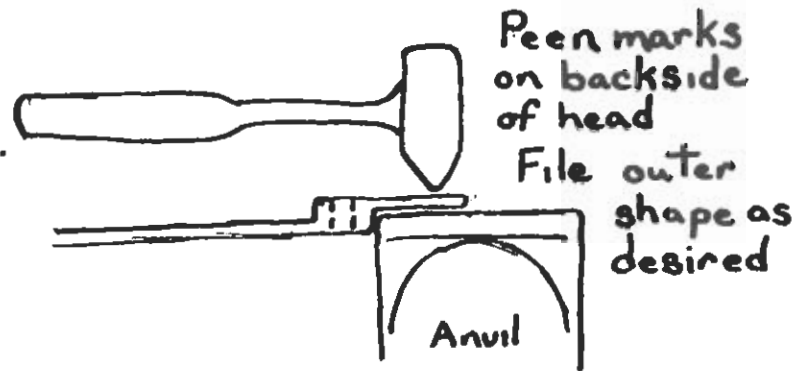


nail blank on bar
before heading

Door Latch:

Start with 1/4" x 3/4" bar stock mild steel. APProximately 5-1/2 inches will be needed, but it is easier to start with a longer bar so tongs will not have to be used in the first four steps.

1. Form head, boss and slot area with the first heat. Step down into handle. Head is an eye-balled square of the stock. Use half-faced blows to create the offsets, then flatten head.
2. Punch a 1/4" x 1/2" slot and dress with drift.
3. SPread head by Peening as illustrated, first the center, then the edges.
4. Draw handle down to about 1/8" thick and rough-out handle shape. A special swedgE for the handle makes Production work easier, but it can be done with a light hammer and some file work.



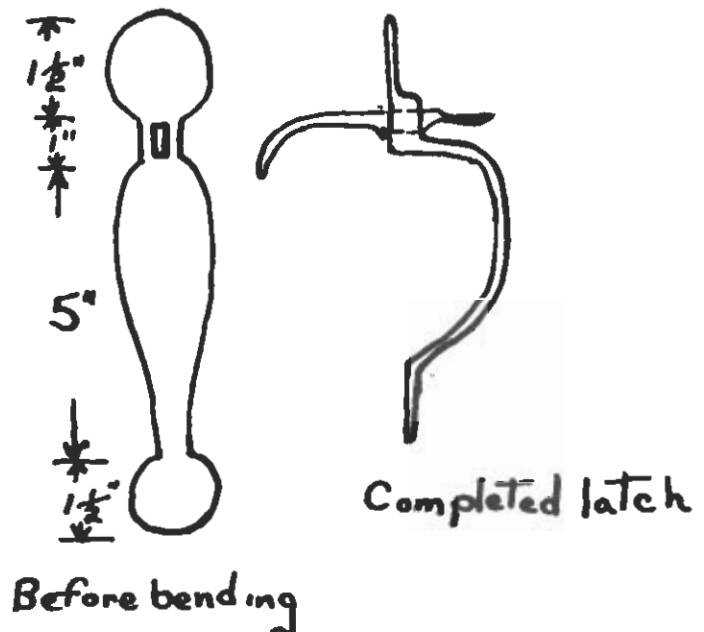
To form the bottom boss:

5. Cut off bar and repeat head boss formation, except for slot area. Cool slot area to prevent deforming it.
6. Bend handle in vice, 90 to 90 degrees and bring back, hammering the inside of handle curve. This creates a nice sharp, but pleasing, radius that is hard to attain on the horn.
7. Finally, heat entire unit, making sure it sits flat on the anvil.



Special Note:

Stepping down of metal is critical for pleasing look and function. See drawing. Final unit before bending is approximately 9 inches long. Add a little extra in original bar size for bigger heads, and file to shape. Nail holes were punched cold. External shapes and variations of latch, as well as other parts, well illustrated in many books.



Ike Bay

WESTERN STATES BLACKSMITHING CONFERENCE



MOUNTAIN HIGH No. V

THE NORTHWEST BLACKSMITHS ASSOCIATION & FRIENDS OF
TIMBERLINE WILL HOST THE SECOND ANNUAL WESTERN STATES
BLACKSMITHING CONFERENCE

AUGUST 30 - SEPTEMBER 1, 1985

AT TIMBERLINE LODGE, MOUNT HOOD, OREGON
60 MILES EAST OF PORTLAND ON I-26

The Second Bi-annual Western States Blacksmithing Conference will be held in conjunction with Mountain High #5, a Bi-annual Exhibition in Traditional Artisanrie Symbolized, at Timberline Lodge, Mount Hood, Oregon. Mountain High was started ten years ago to celebrate the different arts involved in the construction of Timberline. Mountain High 5 is dedicated to Metals, which is where we fit in.

Timberline Lodge is located approximately 60 miles east of Portland, 6,000 feet up the south slope of Mount Hood. It is the only building of its size built in the twentieth century and constructed and furnished entirely by hand, with original work in applique, mosaic, painting, stained glass, stone, wood, weaving and best of all wrought iron.

The lodge was built by the W.P.A. in 1936-37. Hundreds of previously unemployed workers, skilled and unskilled, were hired to build and entirely furnish the lodge. Their gratitude for a job, and love of their craft, is apparent everywhere. From the huge six-sided stone chimney to the carved newel posts, you are surrounded by master craftsmanship. Iron work is no exception - door hardware, lighting fixtures, chairs, fireplace accessories, gates and much more.

The beauty and craftsmanship of the lodge is surpassed only by the serenity and majesty of the mountain it sits on. Mount Hood has an elevation of 11,235 feet, it offers dozens of hiking trails, free camping and year-round skiing. The lodge offers guided tours, swimming, Ping Pong, shuffle-board, Pool, and ski rentals.

We encourage you to bring your family. Accomodations are being left up to you. The lodge has rooms from \$38.00 and up, double occupancy. Since this will be held Labor Day weekend we recommend you act fast if you want a room. A portion of the lodge has been reserved until May 1st for us. Identify yourself as a blacksmith when making reservations. CALL NOW!! Camping is free and we encourage you to take advantage of it. Those with campers or trailers can stay in the main parking lot, however no hookups are available so come self-contained or be prepared to rough it. Meals will also be left up to individuals, with the exception of a Saturday evening banquet. The lodge has several eateries; a sit-down restaurant, a fast food cafeteria, a sandwich bar, a bakery and a barbecued chicken stand. For those wishing to cook on a campfire we will have a truck load of wood for you to use as firewood is scarce on the mountain.

On top of the majesty of the mountain, and the craftsmanship of the lodge, how's this for a list of demonstrators.

RUSSELL MAUGANS, of Freeland, Washington, was a good friend of blacksmith O. B. Dawson, supervisor of the smiths responsible for the ironwork at Timberline. Russ learned the techniques used on the unique iron of the lodge from Mr. Dawson and is responsible for much of the restoration on iron at the lodge, as well as some new work which blends so well with the style of the old it is undetectable.

CARL JENNINGS, of Sonoma, California, is a third generation blacksmith and a graduate of the California College of Arts & Crafts. Carl built a reputation for doing architectural ironwork, but he is also a real whiz at tooling and repousse, which is what he will be sharing with us on the mountain.

JIM WALLACE, of Memphis, Tennessee, is the curator of the National Ornamental Iron Museum, as well as a leading designer and an excellent smith. He specializes in joining wood and steel into graceful works of beauty and function.

RICHARD POZNIAK, of Chicago, Illinois, is a full time smith for the city of Chicago, doing industrial type forging. On his own time he studied closely the work of Samuel Yellin, and Karl Wyland of Germany. Richard will share with us the techniques they used, including splitting and fullering to achieve traditional decorative floral designs.

JEFFREY FUNK, of Big Fork, Montana, is a self taught smith, with a background in casting work. He has been smithing professionally for seven years, doing mostly commissioned architectural and sculptural works. Jeffrey will demonstrate some of his techniques in forging and texturing sheet steel up to 1/4 inch.

Bring your ironwork to show and sell. The gallery will be open to the public and set up for sales. The public is meant to play a big part in this conference; in the gallery, as well as at an auction to benefit the National Ornamental Iron Museum, Yellin Foundation, and Friends of Timberline. Please bring something to donate.

The setting and the line up of demonstrators has the makings of a conference that will be talked about for years to come. All we need to make it work is you.

For lodging call Timberline Lodge: 503-226-7979 (Toll Free in Oregon 1-800-452-1335)

Anyone needing further information, or airport pickup arrangements should call Darryl Nelson, 206-832-6280.

Date: Aug. 30 - Sept. 1. Registration is Friday morning 8:00 - 10:00.

Location: Timberline Lodge, Mount Hood, Oregon, 60 miles east of Portland on I-26.

All registrations must be in by August 23rd, or forfeit the Saturday banquet. For any further information call Darryl Nelson, 206-832-6280.

REGISTRATION FORM -- WESTERN STATES BLACKSMITHING CONFERENCE -- TIMBERLINE LODGE

Name: _____ Phone: _____

Address: _____

City: _____ State: _____ Zip: _____

Number of people attending:

Participant: \$45.00 Spouse & Family Members: \$18.00 each

Make check payable to, and send to:

N.W.B.A., P. O. Box 81041, Seattle, Washington, 98108.

Please check to indicate your lodging plans. LODGE _____ R.V. _____ TENT _____



WESTERN STATES CONFERENCE
AUG 30 - SEP 1 1985
COME EARLY AND BRING YOUR
BEST.



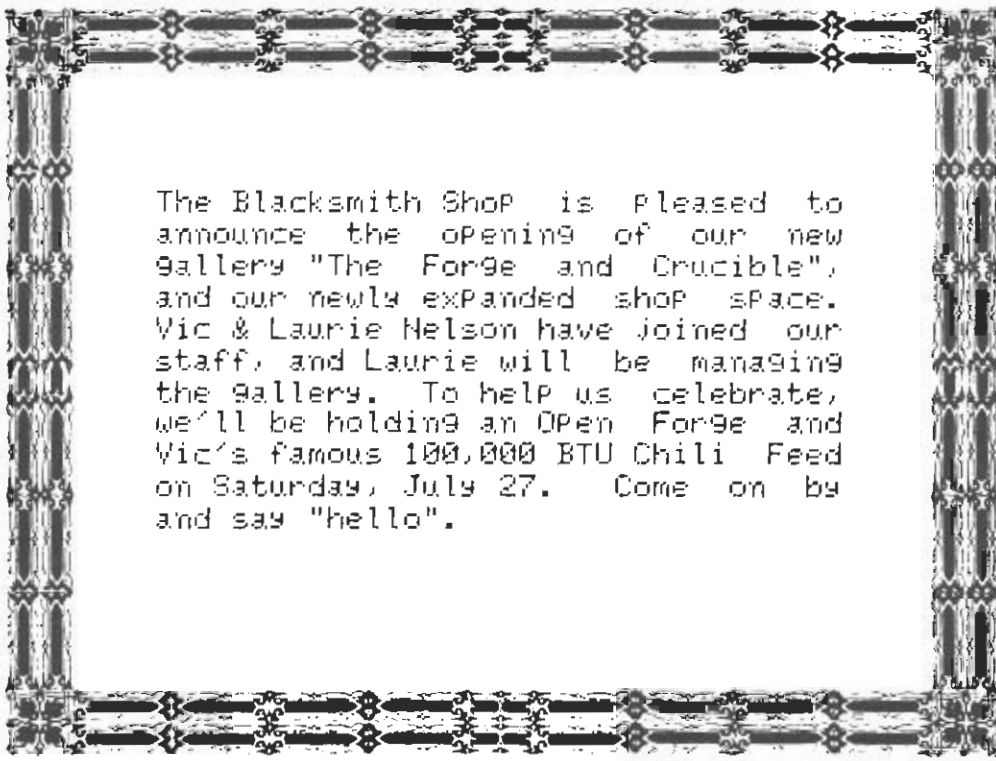
MAP OF MT. HOOD NATIONAL FOREST
 THE WHITE NUMBERS INDICATE CAMPS.
 THE FOREST SERVICE EXPECTS A LARGE
 CROWD OVER LABOR DAY SO COME EARLY.
 PARTICULARLY NUMBERS 63, 67, 16, 109, 2.
 NUMBER 2 DOES NOT HAVE WATER.

CLASSIFIED ADS

Blacksmith Coal - \$13.00/cwt.
S-2 Chisel Blanks - 3/4" octagon by
8" long - \$ 2.00 each.
Contact Fine Mtn. Forge
1-206-832-6280
Rt. 2, Box 292-C
Eatonville, Wa. 98328

WANTED: Articles, Photos, tips,
classified ads, etc. for this
Newsletter.
Terry Carson, Editor
Hot Iron News
Rt. 2, Box 292-C
Eatonville, Wa. 98328

A GROUP Purchase of tools (anvils)
from England is being Planned for
later this summer. The necessary
information is being gathered now,
and we hope to have specifics by
next newsletter - watch this space
for announcements, or call Tom
Graham at 206-523-5334 for futher
information.



The Blacksmith Shop is Pleased to
announce the opening of our new
gallery "The Forge and Crucible",
and our newly expanded shop space.
Vic & Laurie Nelson have joined our
staff, and Laurie will be managing
the gallery. To help us celebrate,
we'll be holding an OPEN Forge and
Vic's famous 100,000 BTU Chili Feed
on Saturday, July 27. Come on by
and say "hello".

Northwest Blacksmith's Association • P.O. Box 81041
Seattle, WA 98108



Calendar of Events:

May 18 & 19 - Third Annual Pig Feed
South, Bay View Farm, Hillsboro,
Oregon.

July 27 - Open Forge & Chili Feed,
The Forge and Crucible Gallery.

Aug. 30-Sept. 1 - Western States
Blacksmithing Conference, Mt. Hood,
Oregon.