



NORTHWEST OHIO BLACKSMITHS

Newsletter October/November 2006 volume 21-3 NOBnewsletter@hotmail.com www.NWOHBA.org



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Don Witzler and one of his famous walking sticks that he makes; more about Don on page 5.

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The Northwest Ohio Blacksmith Club publishes this newsletter bimonthly on the odd months of the year. It is dedicated to the sharing of knowledge in metal working as an art and craft. This newsletter has been written and edited by the editors except where credit has been given to other sources.

Any nonprofit blacksmith publication may use any item that they desire provided that they give proper credit to the original source.

E-mail

An e-mail was sent to remind you of the open forge and that you would be receiving the NOB Newsletter in the mail soon, if you DID NOT receive this e-mail and would like to be on the reminder list please let us know: NOBnewsletter@hotmail.com

NOB/SNOB Meetings:

The 3rd Saturdays of the odd months are the NOB meetings, 9-11:00 social and forging time, 11-12:00 meeting time, followed by a potluck lunch at noon. Meetings are open to visitors and guests who are interested in the art of blacksmithing.

There is always an Iron-In-The-Hat Raffle at the bimonthly meeting so don't forget your contribution as the money raised from this helps defray the cost of the newsletter.

Open Forge Meetings:

The 1st Saturday of the even months starting at 9:00 a hands-on demo and art project is given. A collection is taken to help defray the cost to the host/demonstrator. If you would like to host an open forge, contact Joe Maschari at 419-621-9593

Calendar of Events:

Nov. 18, 2006--NOB/SNOB Elections meeting to be held at the shop/home of Bob & Janette Willman, 14118 Bishop Rd. Bowling Green, OH, phone 419-353-6221.

Dec. 2, 2006 – Open Forge meeting to be held at the shop of Mel Hoch, 26193 Bowman Rd., Defiance, OH 419-395-1314

Jan. 20, 2007 – NOB/SNOB meeting to be held at the shop/home of Mel & Phyllis Hoch, 26193 Bowman Rd., Defiance, phone 419-395-1314.

Feb. 3, 2007 – Open Forge meeting to be held at the shop of

Mar. 17, 2007 – NOB/SNOB meeting to be held at the shop/home of Paul Davidson, 6647 Hill Ave., Holland, phone 419-865-7425.

Apr. 7, 2007 – Open Forge meeting to be held at the shop of Paul Davidson, 6647 Hill Ave., Holland, phone 419-865-7425.

May 4-6, 2007 – Hammer-In,

June 2, 2007 – Open Forge meeting to be held at the shop of Roger King, 8840 Hill Ave. Holland, phone 419-866-5703



Bill Hahn's
Hat of the Month Club

This unique hat is
a Chicken that clucks

Message from the President by Todd Liedel

To the members of NOB & SNOB a few words from your out going president.

The past two years have been great for me and I hope everyone feels the same. I know we have had some sad times for us to weather, and as usual this group did their very best. I want to thank everyone for all the help you have given myself and the other officers and board members who volunteer to keep this organization going.

The next meeting at Bob and Jeanette Wilman's once again bring elections to the front of the meeting. I have enjoyed being the prez and I pass a wish of good luck to the in coming prez (whom ever it may be) and to all new officers.

It was passed on to me that the open forge at Butch and Cindy Sheely's Beaver Creek Forge was a success.

On the same note at Beaver Creek Forge the NOB meeting brought a lot of input from the members allowing the board to move forward on things to make this club better, if that is possible.

Well if this letter was a meeting Paul D. would say it was getting to long winded. So I will sign off as Red Skelton did "Goodnight and GOD bless."

Todd & Sue Liedel / Rock-N- Chair Forge

NOB Meeting Minutes

Notes taken by Ernie Deutschman for Bob Willman.

President Todd Liedel called the meeting to order. Todd offered, on NOB's behalf, appreciation to Butch and Cindy for opening their home and shop to the group for this meeting. Then he asked if all had read the minutes of the last meeting in the Newsletter. He then asked for a motion to accept or deny it. A motion to accept the minutes was put forth by Mel Hoch and seconded by Ernie Deutschman. The president then asked for a financial report and Ernie Deutschman presented it. A motion was put forth by Mel Hoch to accept the report as read. Todd then asked everyone to observe a moment of silence to note the passing of Paw Paw Wilson and John Kosirnik.

Old Business: Trailer to transport and store the club's equipment. There was much discussion in regards to the trailer covering the size, shape, color, weight, hitch size, brake type, number of axles, thickness of the floor where to license, where to insure. Eventually a straw vote was taken to gauge the support for the trailer. All being in favor, we then went on to nail down the following specs for getting a firm price on the trailer: 7 feet wide x 14 to 16 feet in length wit a 6½ foot interior height; 2 axles with brakes. Check on electric and surge brakes. Trailer to be less than 2000 lbs. unless the cost differential is excessive to obtain the lighter weight ie. Aluminum frame, etc. Trailer to have a full rear fold down ramp to facilitate loading and unloading. Trailer to have a one-piece roof.

Teams will be formed who will be responsible for delivering the trailer to an event (Hammer-In) and unloading the necessary equipment and another team to reverse the process.

New Business: There was a discussion on setting up a nominations committee.

There was discussion on the proposed sketch of the SNOB memorial arch. A preliminary sketch was presented by Butch Sheely.

If I got this right, the spare tire hammer workshop with Clay Spencer is in the works. There will be 15 hammers built with one going to Clay for shot gunning the assembly and tweaking the hammers, one going to the person who is coordinating the event (Ron Loveland) and one to the person providing the shop (Mel Hoch) where the welding and other assembly will be done. A motion was put forth by Mel Hoch and seconded by Paul Davidson to get a letter out to the membership to "round up" those interested in participating in this project.

Butch moved to adjourn and Bill Hahn seconded it, the meeting broke for lunch and then a demo by Butch was presented on the making of a tomahawk.

ABANA President's Letter ~ October, 2006

BLACKSMITH

Iron to shoe a horse; nails, hinges and latches build a house; plow shear, tools and cart, produce the food; spear, knife and hook, for the hunt.

The Smithy toils on!

His apprentice's curious eyes absorb it all. From time eternity, from Smithy to apprentice, so the story goes, laid the base to the evolution of us all. A thousand generations of knowledge held in trust by so few.

The Smithy toils on!

His public's curious eyes absorb it all. Ornate latches, gates and decorations to remind us from where we come. In sweat, coal smoke and heat

The Smithy toils on!

The Smithy toils on!

Dedicated to Don Kemper by: Melvin Berry
Don Kemper / dkemper@abana.org



SNOB Interests

Salad Contest continues with the runner-ups. Ladies, how about something special for Valentine's Day, please email me your special treat for that special man.

Garden Salad by: Bonnie Greiner

1½ c sugar 1 c. oil
1 c. white vinegar pinch of pepper
Boil and allow to cool
1# box of corkscrew macaroni not overly cooked & cooled. Mix cooled ingredients & sit overnight in refrigerator.

Next morning, chop fine:

1 c. carrots 1½ c. gr. onion
1 c. radish 1 c. gr. pepper
and mix vegetables in with macaroni, and refrigerate.

Just before serving, add 1 lg. or 2 sm. heads of lettuce chopped fine, toss & serve.

Marinated Carrots by: Virginia Hahn

2# baby carrots 1 gr. pepper
1 onion ½ c. sugar
1 can tomato soup ½ c. vinegar
1 tsp. dry mustard 1 tsp. salt
½ c. salad oil ½ tsp. pepper

Cook and drain carrots. Place in a large bowl and add sliced onion and green pepper. In a saucepan, bring remaining ingredients to a boil. Pour over carrots and cool. Refrigerate overnight to marinate, the longer the better.

Spectacular Spinach Salad by: Connie Harper

2 pkg. leaf spinach 2 sm. cans mandarin oranges
1 pkg. sliced honey roasted almonds
1½ c. raisins or other dried fruits & nuts
½ jar vadalina onion salad dressing

Wash spinach and add the remaining ingredients, put salad dressing on before serving. Enjoy

Spinach Salad by: Penny King

Baby leaf spinach Walnuts & Almonds
Dried cranberries, strawberries & cherries
Raspberry Vinaigrette Dressing Croutons
Put spinach in bowl, add fruit, nuts & croutons, add dressing when ready to serve.

Spinach & Fruit Salad by: Diane Loveland

Baby spinach or greens Blueberries
Mandarin oranges Red Raspberries
Strawberries Cashews
(or fruit of your choice)

Dressing:

¼ c. powdered sugar ¼ c. salad oil
¼ c. orange juice concentrate ¼ c. cider vinegar

Place salad ingredients in bowl, mix dressing ingredients separately, shake well and add to salad.

Watergate Salad by: unsigned recipe

½ lg. lite coolwhip 1 c. chopped walnuts
8 maraschino cherries-chopped
1 can crushed pineapple
instant Pistachio pudding mix
1½ c. sm. marshmallows

Mix pudding & pineapple for 1½ minutes, add cherries & nuts, fold in coolwhip & marshmallows. Don't follow Pudding directions. Mix pudding with just the pineapple and it's juice.

Announcements:

NOB Name Tags are still available at a cost of \$2.00 each, if anyone is interested, please contact Pat Loveland at: 734-269-9675 or rlovelandsr@peoplepc.com

Lost & Found

For Sale, Trade or Want

From Your Treasurer by Ernie Deutschman

I am happy to report that we got three new members to the club this month.

New Members:

Gerald Molaskey
Michael Ott
Jeffrey Regelmann

From the Web Editor by Dwight Miller

We now have a website, where you can find a calendar of events and a listing of 16 favorite sites to visit, the address is: www.NWOHBA.org

From the Librarian by Dave Shaffer

We have a good selection of books and articles that are available to NOB members to checkout for 2 months at a time. If you have any selections that are past due please be considerate and return them so that others may have the chance to glean from them also.

From the Editor by Penny King

As you look over and read this newsletter, if you find that I have something incorrect, phone numbers, e-mails...PLEASE feel free to e-mail or contact me so that I have the right information.

I am looking for articles and pictures of your current or favorite projects for upcoming features, not only in the newsletter, but also to post on our web page. E-mail to: NOBnewsletter@hotmail.com or mail to: Penny King, 8840 Hill Ave., Holland, OH 43528

* Time sensitive information needed for the newsletter ASAP - but no later than: The 1st week of *December* for the Dec/Jan issue

ONOB Under 18 (Offspring of NOB)

Derrick Bliss, most of us know and have come to love and appreciate this talented young man and blacksmith.

He is 15 years old and a freshman at Ida High School in Michigan. He is not involved in sports at school because in his free time he wants to blacksmith, sometimes even before his homework is completed.

He started blacksmithing 6-7 years ago with his grandfather Ron Loveland and has been mentored by many including Paul Davidson, who has taken a real interest in this young man.

Derrick likes to make traditional items that are useful and have a purpose. This also includes his shop and forge that he made with the help of his grandpa. He said that working on a bear trap was one of his most fun and challenging projects that he has worked on.



A young Derrick



Derrick Bliss and his grandpa Ron Loveland



Derrick at his shop overseeing his first open forge

Please Note: I am looking for information about our ONOB's. If you are one of them (under 18 years old) and would like to be featured in the newsletter please contact Roger & Penny King (info on page 2)

Creature Feature

Creature Feature is something that I would like to get going where a NOB member is featured in each issue of the newsletter. This month Don Witzler is the focus of our attention.

Don has over 30 years of blacksmithing, bladesmithing, and silversmithing experience and has taught at the John C. Campbell Folk School since 1992. He has also instructed basic blacksmithing, toolmaking and bladesmithing classes in the Northwest Ohio area for approximately 10 years. Don produces pieces not only from iron, but also copper and silver. He has shown his work at local festivals for over 20 years.



Don at the annual NOB Hammer-In

Wanted:

Articles: I am always looking for articles, if you have made something that you enjoyed making or something that someone liked or appreciated please let me know. I would like a picture(s) and the directions. If you do not have a digital camera bring it to a meeting or if you can help us with any of these things contact Roger & Penny King (info on page 2).

Making a Tomahawk Head

Demo by Butch Sheely

Article by Enrie Deutschman

Butch started out with a piece of hot rolled flat bar $\frac{1}{4}$ " x $1\frac{1}{2}$ " x $10\frac{1}{2}$ ". He then placed two prick punch marks $2\frac{3}{4}$ " from one end and near the edges of the bar. These marks were used as a reference for subsequent bending of the "hawk" as shown in sketch 2.

Butch then finished bending the blank, aligning the ends and leaving the hole come to its own shape. It is important to note here that the hole is left offset as shown during the process. The blank was then heated and fluxed, brought to a welding heat and welded starting at the eye end and welding towards the blade end. Stop welding short of the end by as much as the length of your spring steel insert.

The "hawk" blank is then opened up as shown in sketch 4 and the insert placed into the opening. Lightly hammer the blank into place and close the "hawk" blank onto the insert. Heat the assembly and lightly hammer the ends of the "hawk" blank over the end of the insert, making a "hook" to keep it from falling out during the rest of the welding procedure.

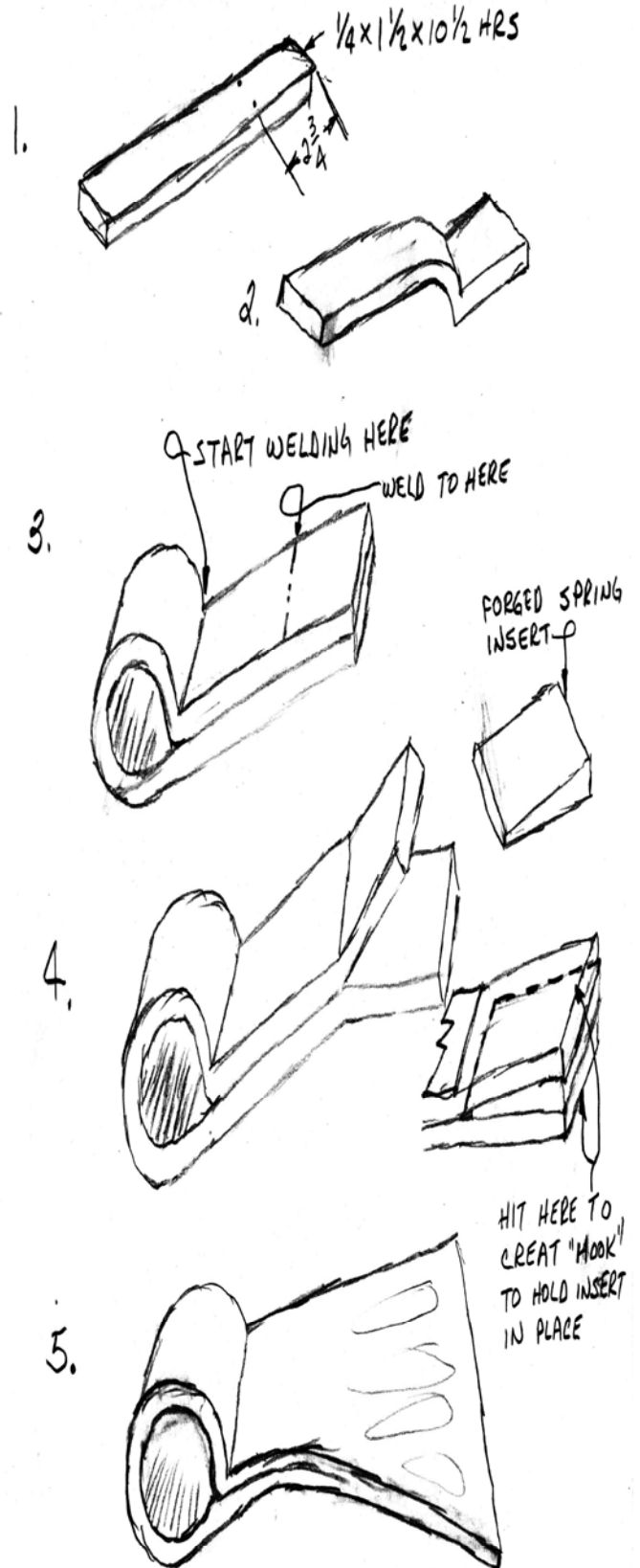
Heat the assembly, flux, and reheat to welding temperature and weld. Reflux and weld as necessary to get the desired result.

Now that all the welding is complete, forming the blade end is accomplished by heating and using a cross peen hammer to draw the blade to the desired shape.

At this point the "hawk" is heated and placed in a vise with the eye up and the proper drift is driven into place. Note that the small end of the drift is driven into the eye from the end of the blank that will be away from you when you are holding the finished "hawk" in your hand. The outside of the eye is lightly worked around the drift. This procedure is carried out several times until the proper fit is obtained. The blank is then heated, placed into the vise, the drift inserted snugly and the eye is centered with the blade.

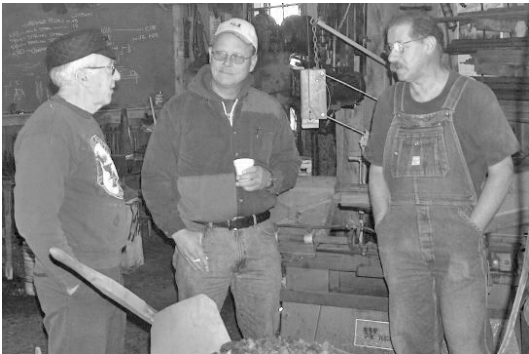
The blank is now heated, wire brushed and worked with a flatter on both sides to refine the finish etc. Now, heat the entire blank to critical temperature and lay aside on a fire brick out of any draft to cool to room temperature to anneal. After the "hawk" is filed and refined to your satisfaction you can harden the edge. Heat edge to critical temperature, quench in oil keeping the edge in motion, shine up the edge and watch for the colors to run. Requench when the cutting edge reaches purple to blue.

Please note; I do not remember if Butch mentioned heat treatment, so the suggestion is my own advice. The tempering can also be done in a toaster oven or some other heating device.



Enrie Deutschman
9/06

Pictures from the August Meeting & the October Open Forge were submitted by: Ernie Deutschman and Bob Willman



October's Open Forge Report By: Ernie Deutschman

Here are my recollections of October's Open Forge at Butch Sheely's shop. Those present were: Butch Sheely, Bob Willman, Bill Martin, Ernie Deutschman, Larry Bonham, William Bonham, Corky Daye and Michael Ott (new member).

Butch had prepared ahead of time for the gathering by working some coil spring into suitable blanks for the making of a rattail one piece knife. He then proceeded to demonstrate the steps required to make the knife complete as forged.

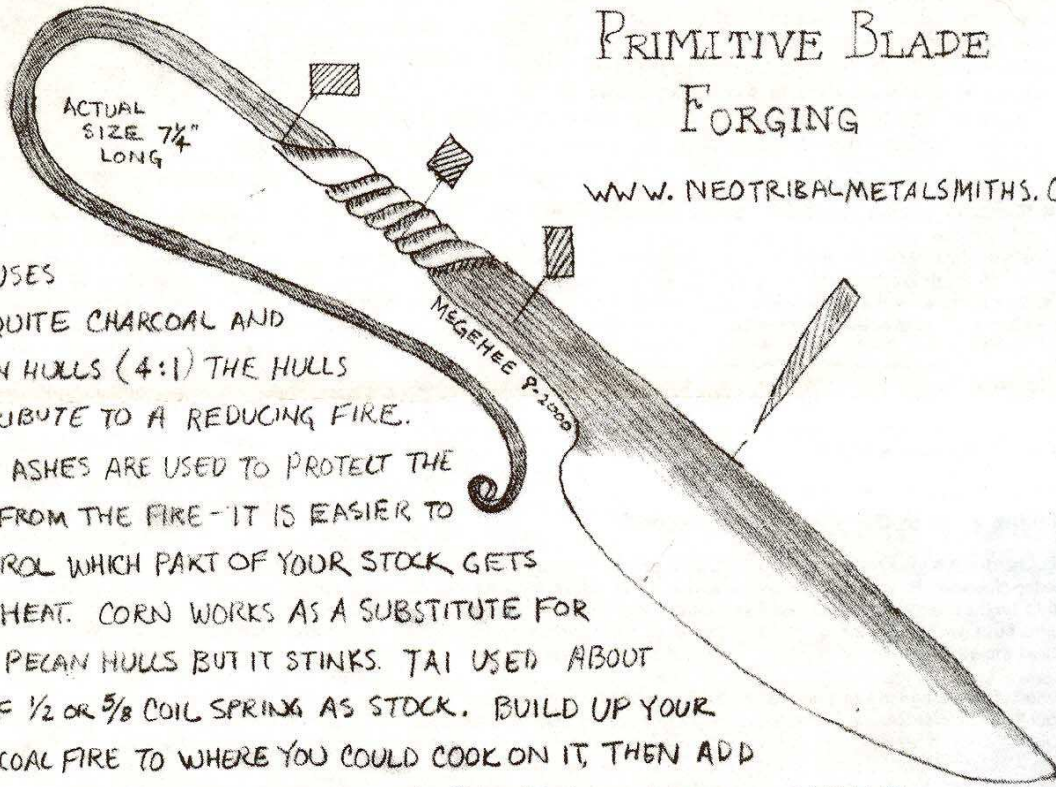
Since I left the meeting early I do not know if steps were taken to file or grind the blade to its final shape or heat treat the edge or sharpen the edge.

Upon looking through other clubs old newsletter I was able to obtain the following article that demonstrates the blade.

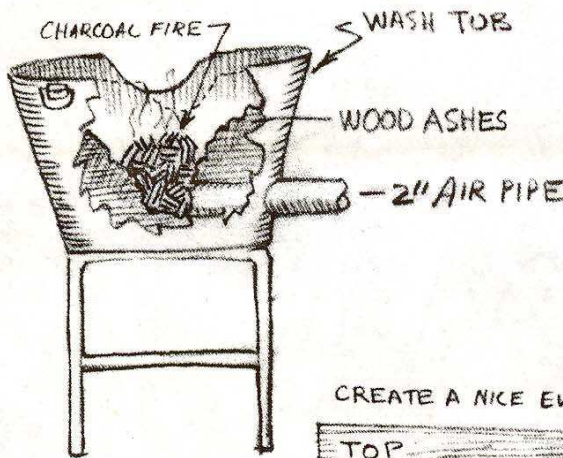
ABANA FLAGSTAFF 2000
DEMO NOTES

TAI GOO
PRIMITIVE BLADE
FORGING

WWW.NEOTRIBALMETALSMITHS.COM

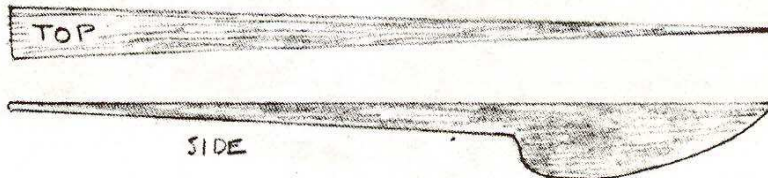


TAI USES MESQUITE CHARCOAL AND PECAN HULLS (4:1) THE HULLS CONTRIBUTE TO A REDUCING FIRE. WOOD ASHES ARE USED TO PROTECT THE IRON FROM THE FIRE - IT IS EASIER TO CONTROL WHICH PART OF YOUR STOCK GETS THE HEAT. CORN WORKS AS A SUBSTITUTE FOR THE PECAN HULLS BUT IT STINKS. TAI USED ABOUT 7" OF 1/2 OR 5/8 COIL SPRING AS STOCK. BUILD UP YOUR CHARCOAL FIRE TO WHERE YOU COULD COOK ON IT, THEN ADD HULLS. HOT RASP THE BURR OFF THE END OF YOUR STOCK TO PREVENT COLD SHOTS LATER. KEEP THE CORNERS TUCKED IN AS YOU FORGE. KEEP YOUR STOCK @ LEAST 2" AWAY FROM THE TUYERE WORK THE BLADE SOME, THEN



THE HANDLE PART - ALTERNATE BACK AND FORTH TO KEEP THE MASS OF THE PIECE BALANCED. 3"-4" OF STOCK IS DRAWN OUT INTO THE HANDLE. SHORT HANDLED TONGS ALLOW MORE CONTROL. MESQUITE ASH MAKES FOR A NON CORROSIVE FLUX FOR WELDING.

CREATE A NICE EVEN TAPER FROM POINT BACK TO HANDLE END



NOT TO SCALE

Three for Christmas by Roger King

Are your relatives wondering what you will be doing in the realm of forged iron for this Christmas? If so, you are like me, and are looking around for projects suitable for giving or holiday decorating. Here are three projects that caught my eye. I've tried all three, and my report on the results follows.

1—Jingle Bell

My grandpa, who was not a blacksmith, but rather a farmer, had a set of harness for his sleigh with bells similar to this design. This makes a nice decoration, or possibly a gift for someone who will not ring it too much in your house.

I cut the pattern out of an old 16-gauge steel sign, making the rough cut with a hacksaw, and then using a grinder to work to the layout lines. This took about a half-hour. For the sinking tool, I used 3-inch ID pipe, the closest size I had, and a 2-inch trailer hitch ball. The article says to use 2 1/2-inch pipe in the sketch, and 2 1/4-inch in the text. I began dishing the blank in a swage block before driving it through the pipe, which I think helped keep it centered on its way through the pipe. With a 3-inch pipe, it went easily, but I would like to acquire a smaller pipe before I do the next one. You can see somewhat squared corners on my bell, which may be because more of the finish bending had to be done by hand with small scrolling pliers.

I didn't like the idea of a welded-on ring, so I made a stem with a tenon, and bradded it through a 3/16-inch hole in the bell. Don't forget to work the stem, too. I textured mine with a vine bark swage. The stem seemed tight at the time, but later loosened somewhat when I worked to close the petals of the bell. In retrospect, I could have welded the stem on the *inside* of the bell before closing the petals. It took some fussing to get the petals closed nicely using a small hammer and pliers because I couldn't always get a good grip on the petal where I wanted to.

2—Iron Candy Canes

I made the candy canes two at a time, starting with 22 inches of 1/2-inch round stock. I basically followed Steve Anderson's original directions except that I grooved all 22 inches, working to the middle without tongs, then cooling one end and doing the other. It was not hard to put the twist on all 22 inches, and then cut it up into two canes. Cutting it on the hot cut is essential to the look of the ends.

The main challenge this project created for me was the 2-3 hours I spent making a spring groover (see the picture). Without three hands, I thought I would make this tool rather than fumble with the piece, a chisel, and a hammer. Since I don't have much experience with spring tools, it took some fooling around to learn how to use it. My conclusion is that the spring groover should be adjusted so that 1) the chisel is lightly resting on the work piece, and

2) is square to the work piece. I found that if the chisel was mis-aligned or mis-struck, it would chatter wildly, mark the cane in multiple places, and bend up the spring worse than it already was. If I were to make another spring tool, I would use stiffer stock for the spring. With care in use, and realignment every cane or two, the spring groover did the job for me with only two hands.

One other thing I found was that, even if you botch the grooves fairly badly, go ahead and twist it anyway. The outcome does seem to get better after the twist.

I left several of the canes lying on the counter, and in the morning I heard my daughter's unbiased, candid reaction; "Oh, cute!" This was followed a few minutes later with, "But what do you do with it?" You can judge for yourself. I've made eight of these.

3—Christmas Bow and Wreath Hanger

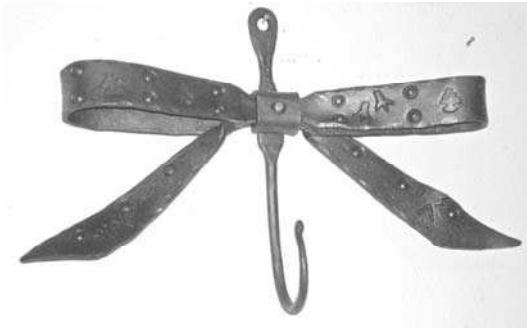
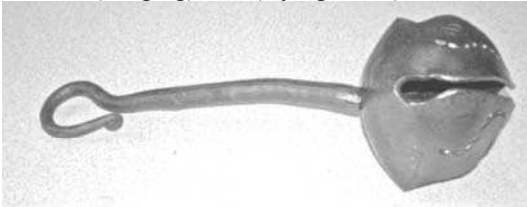
The Christmas bow and wreath hanger is clearly useful as a decoration or as a gift. I couldn't resist the opportunity to decorate the ribbon part of the hanger before tying the bow. The pattern I used only needed a center punch and a small chisel, but added another dimension to the project. I feel that if you're going to the trouble to make the piece, you should leave specific evidence behind that you were involved!

I used the material recommended for the bow and wreath hanger - 1/8 by 1-inch rectangular stock, but don't cut the collar until you have measured for it. The stated length of 1-inch has to be a typo. The collar should be cut to the perimeter of the work, all the way around, plus two thicknesses of the collar material. In my case, this was about 1 1/2 - 1 3/4 inches. I also modified the dimensions slightly, as shown in the sketch. The collar adds to this piece, and in order for it to fit well, the section fullered in the center of the 28-inch piece of stock should be just long enough to accept the collar. This was 1 inch in my case. Also, remember that you will need to drill a rivet hole through this section, so be sure it is kept wide enough to accept your rivet without weakening the section too much. The other change I made to the directions was to be sure that when the ribbon ends are bent down at 90 degrees, that at least a 1-inch straight section of fullered stock is kept before each of the bends. When the bow is "tied," these 1-inch straight sections will lap over the 1-inch fullered section in the center of the stock. These overlaps end up at the back (wall) side of the hanger, and the rivet hole is drilled through all three pieces as well as the collar placed around them. This means the width of these sections should also be controlled to allow for the rivet hole. The given directions suggest a 5/32-inch hole and an 8d nail for a rivet; I used a 3/16-inch rivet that was already on my bench, but held my breath as I drilled the hole. I had only left the center section "a little more than 1/4-inch wide." These comments are illustrated in my two sketches.

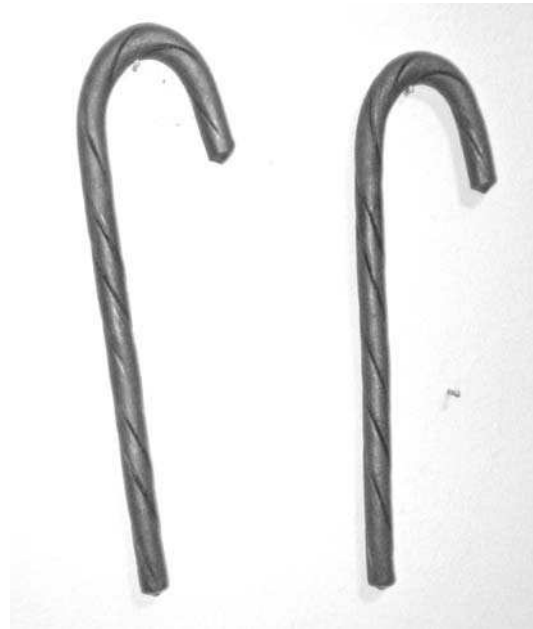
Christmas items mentioned in the previous article on page 9 and by Roger King



1—Bell (hanging) ↑ (laying down) ↓



3—Wreath Holder (wide) ↑ (longer) ↓



2—Candy Canes (laying down) ↑ (hanging) ↓



Groover for putting the lines in the candy cane ↓



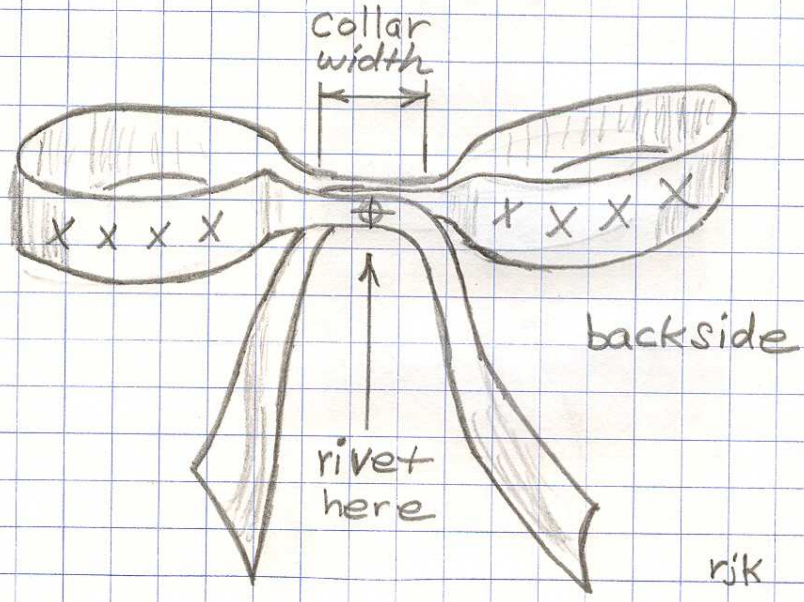
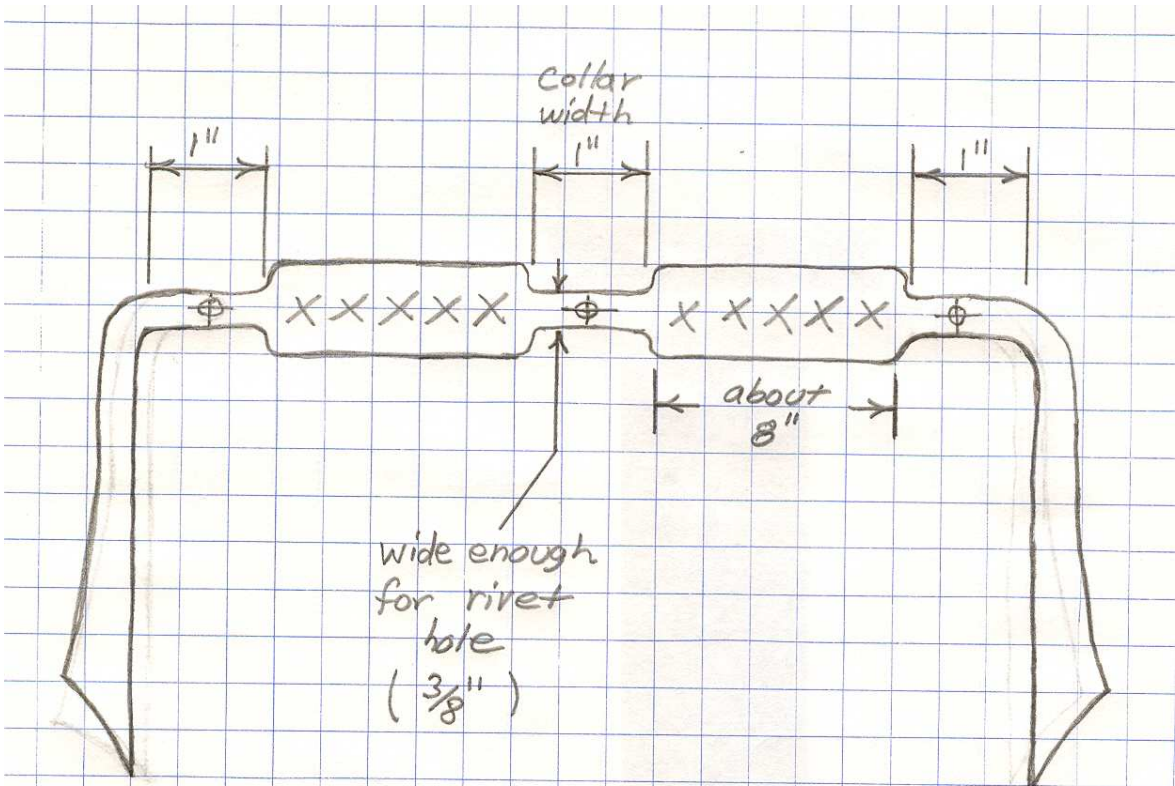


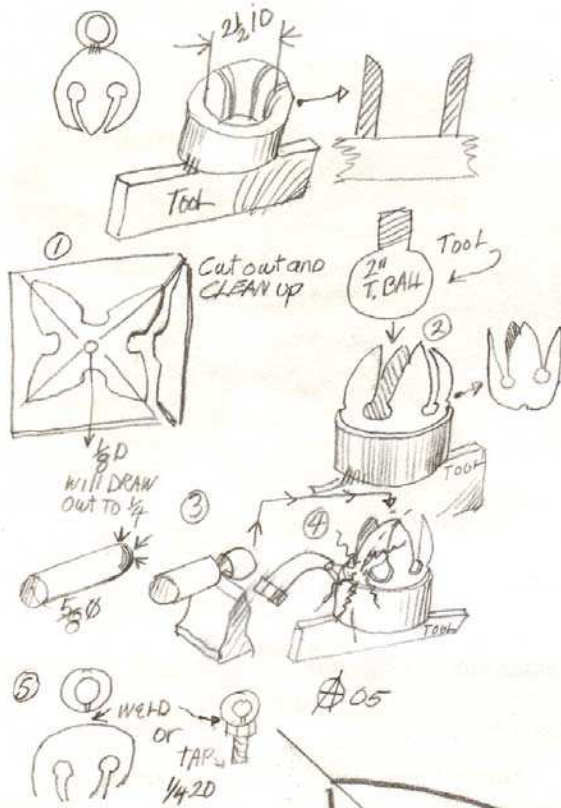
Diagram and detail work that Roger spoke of in the article on page 9.
 This is the Christmas Bow & Wreath Hanger on page 14.

This is the 1st Christmas item that Roger made, except he put a long handle on it.

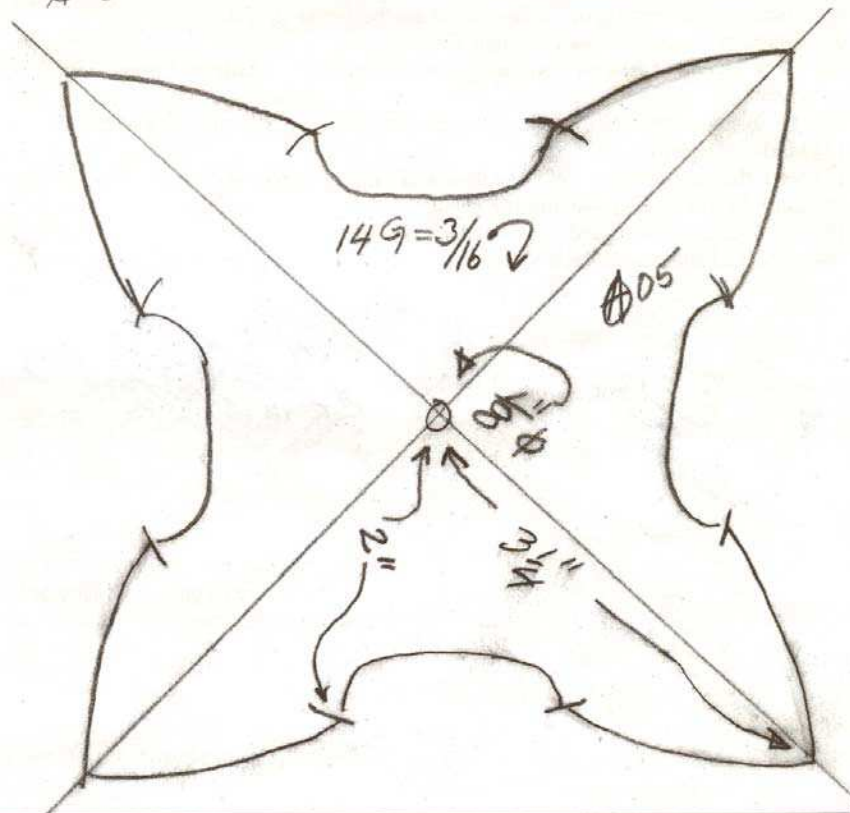
This article was published in the MABA—Michigan Artist Blacksmith's Association "The Upsetter" newsletter in the Nov-Dec 2005 issue.

Jingle Bells, Jingle Bells, Jingle all the way...

by Steve Alling



Full size pattern for approximately a 2" diameter bell.



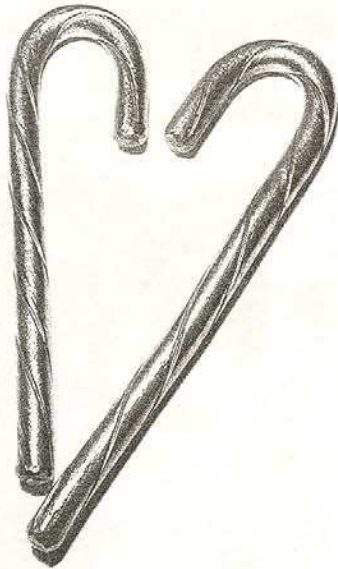
This is the 2nd Christmas item that Roger made.

This article was published in the MABA—Michigan Artist Blacksmith's Association "The Upsetter" newsletter in the Nov-Dec 2004 issue.

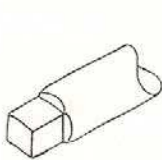
As the holiday season approaches, here are a couple of items you might find fun to make at the forge. Both would be good beginner projects.

Iron Candy Canes

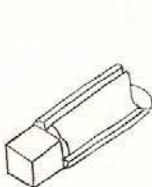
Created by: Steve Anderson



- 1) Start with 1/2" diameter round stock. I use a piece about 2 feet long to avoid using tongs.



- 2) Heat the end and square up about 1/2" of the stock for holding in vice.



- 3) At a yellow heat, groove 3 lines for 11 inches, using a chisel while placing the stock in a half round hardy or swage block. Repeated heats will be needed. You will only get a few inches

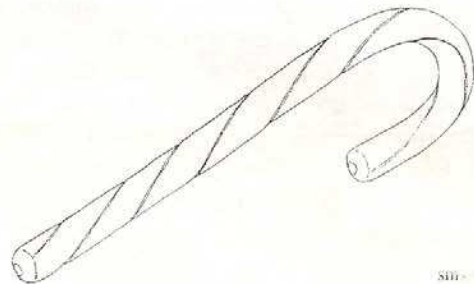
at a time. (You can also use a spring groover on a power hammer by making two passes.)

- 4) Place the square end in a vice and use channel locks or vice grips to make a slow twist in grooved portion. Quench if necessary to keep the twist even.



- 5) At a yellow heat cut twisted portion off on hardy while rolling piece to center. This keeps the stock round and looks more like an actual candy cane. Dress and round over ends to remove any sharp edges.

- 6) At a yellow heat use a wooden mallet to bend shape over horn.



- 7) Clean up the candy cane with a wire brush or on a wire wheel. Apply a wax or other finish.

*If you want to get creative, add a ribbon made from flattened 1/4" x 1/4" angle iron.

(editor's note: When I tried the candy cane for the article I flattened both ends and grooved the entire length. Because the stock was hot I used a 1/2" bolt tongs to position stock in vice. I twisted both halves and made two 11" candy canes from the 24" piece of stock. The grooving took me a little time, this first pair of candy canes were finished in an hour and a half. Steve Anderson said he can make one in about 15 minutes. They were fun to make!)

This is the 3rd Christmas item that Roger made, he made two different holders, one was wider and the other longer.

This article was published in the New York State Designer Blacksmiths "The Anvil's Chorus" newsletter in the Fall 2006 issue and was taken from California Blacksmith Sept/Oct 2006 issue.

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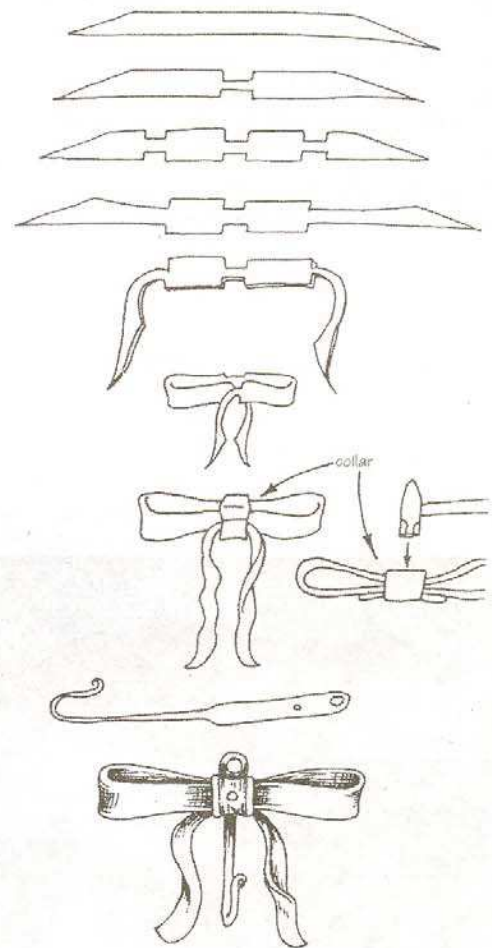
Christmas Bow & Wreath Hanger

By David Fink, Westville, Georgia
From the Ocmulgee Blacksmith Guild Newsletter

Materials Needed

1/8" x 1" x 28" (bow and tails)
1/8" x 1" x 1" (collar for the knot)
5/16" round x 11" (hanger and hook)

1. Cut or forge both ends of the 1/8" x 1" to a very steep angle.
2. Mark the center and fuller or cut a notch 3/8" deep by 1" long, leaving a little more than 1/4" of material in the center.
3. Measure 8" from notch and add another notch to each end.
4. Forge the material from the outer notches down to a gradual taper, as shown.
5. Bend ends down 90°.
6. Bend over horn so that the 90's overlap and rest over the center notch.
7. Make collar from the 1" piece of 1/8" x 1" stock, and attach it so that the joint is on the same side as the ribbons that were bent down 90°. The ribbons will hang from the back of the finished piece.
8. Push the collar down so that it is recessed into the bow and the bow bulges outward to the front.
9. Adjust the ribbons to a pleasing angle, and bend on the horn or with scroll tongs to give them dimension and appearance of real ones.
10. Forge a 1" to 1 1/2" hook on the 5/16" round stock, and flatten the opposite end. Punch or drill a 5/16" hole in this flattened end as a hanger.
11. Drill a 5/32" hole through collar and hook.
Rivet with 8d nail, and apply finish.



Taken from *California Blacksmith* September /October 2006

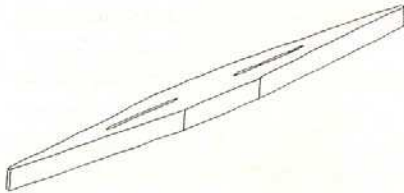
This is another Christmas item that Roger did not make yet but was in the MABA newsletter

This article was published in the MABA—Michigan Artist Blacksmith's Association "The Upsetter" newsletter in the Nov-Dec 2004 issue.

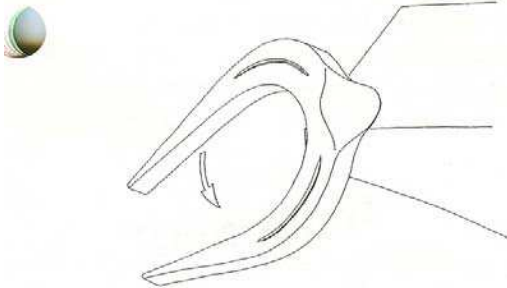
Reindeer Shoe tree ornament

Created by: Steve Anderson

- 1) Start with 1/4" x 1/2" flat bar stock 4-1/2" long.
- 2) Taper from both ends to center to obtain a total length of 7". Be sure to maintain the 1/4" thickness.

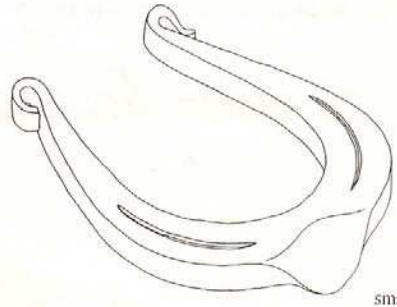


- 3) Chisel a 1-1/4" nail groove 1/2" off both sides of center as shown.
- 4) Bend to a pleasing horse (reindeer) shoe shape.

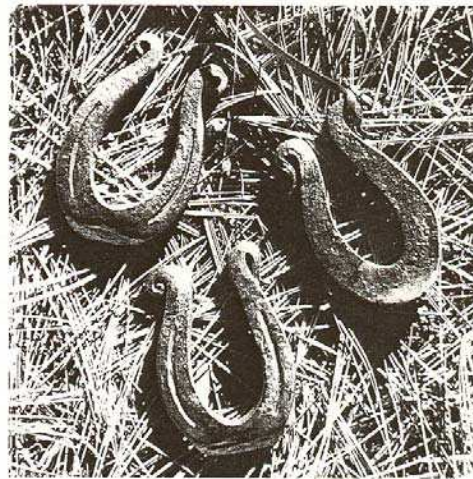


- 5) Forge a toe clip on corner of anvil heel.

- 6) Use small scroll tongs to shape heel ends as creative as you like.



- 7) Use fish line and a paper clip to make a hanger.
*Use a brass brush for Rudolph's shoes (they were always made of gold).



(editor's note: for me, these 3 shoes took 2 hours to finish. While Steve Anderson has them down to 15 minutes each.)

Unpaid Advertisements:

2007 Blacksmith Calendar:

Using a different set of 80-100 year old photos, I've produced a Year 2007 Blacksmith Calendar. Unlike last year's military theme, this calendar contains mostly interior views of old blacksmith shops. And this calendar contains 4 extra images for a total of 16. The individually shrink-wrapped calendars were professionally printed using a 200 line-per-inch process, which yielded a near photographic result. A list containing available information for the pictures in all 8 calendars and 25 postcards will be included.
1-5 Year 2007 Calendars: \$15.00 each
6-20 Year 2007 Calendars: \$13.00 each
21-49 Year 2007 Calendars: \$11.00 each
over 49 Year 2007 Calendars: \$8.00 each

CD with over 3000 Blacksmith & Anvil images:

Contains a wide (very wide) variety of blacksmith and anvil images collected from many sources over a period of years. They're arranged in several slide shows for easy viewing. You'll see anvils posed in every way imaginable.
(For Windows only, not for Macs.)
1-5 CDs: \$22.00 per CD
6-25 CDs: \$19.00 per CD
over 25 CDs: \$17.00 per CD

Set of 25 Blacksmith Postcards:

Note: This is not a new set of postcards. Only one set of 25 postcards has been produced.
1-5 Sets of Postcards: \$9.00 per set
6-25 Sets of Postcards: \$7.00 per set
over 25 Sets of Postcards: \$5.00 per set

Calendars from Prior Years:

Year 2006 calendars are still available for \$9.00 each. Year 2005, 2004, 2003, 2002 & 2001 calendars are still available for \$7.00 each.

Shipping / Ordering

The prices shown above include the cost of shipping to a U. S. or Canadian address. Insurance is extra if desired. If interested, please send a check or money order to:
Gill Fahrenwald,
P.O. Box 2323, Olympia, WA 98507
or PayPal to anvilman@orcalink.com

Please be aware that Peter Renzetti (AKA "the Unknown Blacksmith") is selling his shop...lock, stock and barrel.

He hopes to sell it as a turnkey blacksmith shop with all equipment included. There is virtually every piece of equipment a serious blacksmith would ever require...and then some. A more complete inventory will be included at a later date but briefly there is a Kuhn air hammer in excellent condition, a Clausing milling machine, South Bend

Lathe and a water-cooled tig outfit. There are all the usual anvils, tongs, gas forge, etc., etc., etc. Peter did not do fabrication so there are no heavy shears, benders, punches, etc.

The facility is located on an acre of ground about 8 miles north of Wilmington, DE and about a mile off Route 202. The actual address is 301 Brinton's Bridge Road, West Chester, PA 19382. Peter can be reached at 610-399-1530. It includes the shop and a house. Parts of both date to the late 1700's with additions from the mid 19th century. The shop is in excellent condition and is structurally sound and tight. There are two floors and a display room. I believe it is about 60' x 40'. There is a splendid workbench with about a 2" masonite surface, paint booth, bathroom, other workbenches and work areas. The house will require work to be habitable. But on the plus side, I think there is about a ton of very good Swedish wrought iron in there somewhere.

The shop will be available after the first of the year. If you know anyone who might be interested please pass on this info. If I can provide more info email, please let me know. Peter does not frequently do email.

Thanks to all, Don Plummer

Blacksmiths Depot / Kayne & Son announce a new addition to their line of forging tools and equipment. The MF-15AB is a 15 kva, 600 amps, single phase, 230v, and high frequency induction heating unit.

The induction unit can be used to soft solder, silver solder, braze, and is very capable in providing the heats need in forging steel. It can supply the full range of heat needed for forge welding temperatures as well. This fully programmable unit has no noise, no fumes, no pollution, and the operator has full view of the heating process.

Kayne & Son uses this unit in many operations in their 3-forge shop and have the experience necessary to help you decide if this product is right for your business. They welcome the opportunity to demo the unit for anyone wishing to see it. For more information contact:
Kayne & Son - Blacksmiths Depot,
100 Daniel Ridge Rd.,
Candler, NC 28715--9434,
Phone: 828-667-8868, fax: 828-665-8303
Email: kaynehdwe@charter.net.
Web: www.blacksmithsdepot.com

Sierra Forge & Fire is honored to be hosting:
Tsur Sadan

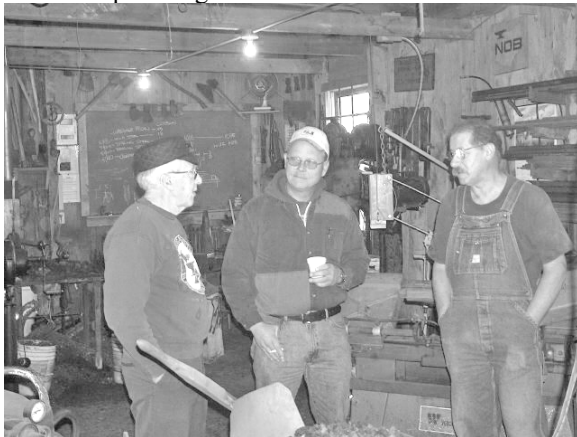
Tsur has his shop in Shacharut, Israel and has worked for architects all over his country. He is a repeated guest artist in several international blacksmith gatherings and is frequently consulted by numerous design firms. Over the past two decades he has honed his blacksmithing art and feels that imparting his skilled techniques to others is an important part of his life as an artist blacksmith. We are honored to have him back at Sierra Forge & Fire for two weeks and offer this valuable course.

This course is open to all who have no prior experience in blacksmithing. The curriculum will cover safety concerns in the forge, introduction to equipment and tools, foundational techniques taught and practiced. You will learn traditional and contemporary blacksmithing techniques – heating, hammering, bending, splitting, joinery and tool making. You will be equipped with your own forge, anvil, vice, tongs, hammers and other tools as required. Each technique is demonstrated at the start of the session and under close supervision you practice step-by-step what you just learned. Come and expect to have an amazingly creative time.
November 6 – 10 / November 13 – 17
8am to 5pm / \$595

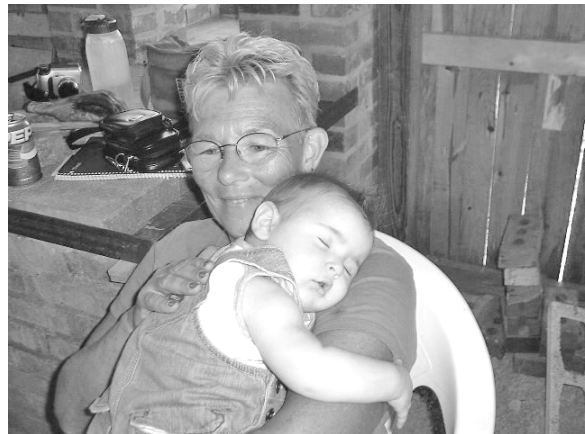
Call today or visit us on the web for your registration packet and don't miss out on this tremendous opportunity to learn from one of the world's best artist blacksmith.
130 E. Maple St. Exeter, CA 93221 559-592-2080
www.ForgeAndFire.com

Sierra Forge & Fire is a group of artisans dedicated to pursuing creations in iron, steel, glass and bronze and in teaching these skills to others who are interested in these unique disciplines. Whether you have never struck an anvil or if you have been forging iron for years, we have the classes for you. We offer beginning to advance courses in blacksmithing, bladesmithing, glassblowing, bronze casting, mokume gane and more.

Butch's Open Forge October 2006



Derrick's Open Forge August 2006



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Child-1 _____

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Individual Membership \$15.00
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Make Check Payable To: Northwest Ohio Blacksmiths
Mail to: Ernie Deutschman, 2205 Rood Rd, Toledo, OH 43613

Paying this keeps your membership in good standing till May '07

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Date Received _____	Check # _____
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