



N.J.B.A. Newsletter

NJBA Volume 7, Issue 1 05/01/02

Editors Soapbox

Well, we are now starting our 7th edition of the newsletter lets pull together and help keep NJBA strong. So far this year we have had an iron pour at Alex's shop in Trenton and we brought in our first demonstrator at Tim Millers in Long Island. Hopefully we are getting our year off to a strong start. The next upcoming events are around the state, one in the North, one in the South and one in the middle. Mark the events on your calendar and let's try to get out and see each other more often.

Upcoming events for 2002

Remember most of our meets have a "Iron in the Hat" drawing, be sure to bring something.

May 4th– Longstreet Farm, 9 am till 4 pm.
Hinge making with David Macauley, No iron in the hat. Details on this page.

May 19th– Meet at Bruce Ringiers farm in Wantage, NJ, 9am till ...Details on page.

June 15th and 16th– Cold Springs Village, 9 am through 5 pm. The main meet is usually on Saturday with demonstrations running till Sunday. Details on page.

July 24th thru 28th– Monmouth County Fair, The main meeting will be on Friday night the 26th. Details on page.

August– to be announced

September 7th– Red Mill Museum, in Clinton, NJ. A hammer-in and blacksmiths tailgate sale. More details in the next newsletter

September 14th– Peters Valley 2nd annual Pig roast, auction and Party. More details in next newsletter

Longstreet Farm

On May 4th starting around 9:30 am David Macauley will be demonstrating making strap hinges for the farm. This is a NJBA sponsored event, so lets get a few members out to give David a hand and show ourselves to the public

Directions to Longstreet Farm:

To get to Holmdell Park take the Garden State Parkway to exit 114. Go west about 3/4 mile on Red Hill Road to Cranford Corner Everett Road, and make a right turn. On your left will be Bell Laboratories, recognizable from its unique water tower. Either the first left (Roberts Rd.) or the second (Longstreet Rd.) after Bell Labs will take you to Holmdell Park. Find a parking spot and follow signs to Longstreet Farm.

Meet at Bruce Ringiers' Shop

The meet is on May 19th and starts at 9 am. This is our first meet at Bruces' shop and his first chance to show off his Bradley power hammer to the group. Bruce has lined up Jim Wycoff as a demonstrator. There will be an "Iron in the hat" and lunch will be provided. This is an excellent opportunity for some of our northern members to get out to an event.

Directions to Bruce Ringiers':

From interstate Route 80 West: Take Exit 34B to NJ Route 15 North. to US Route 206 North. When you get to intersection of Rt. 15 and 206N, make a right 6 miles on left is Yellow Barn Farm 1 mile past Sussex Meat Packing

New Jersey Blacksmiths Newsletter

Peters Valley Scholarships

Peters Valley Craft Center has offered NJBA two half scholarships towards their blacksmithing program. Usually we accept letters from interested parties and then if there are more letters than scholarships, names are drawn from a hat. Letters can be sent to; NJBA, P.O. Box 195, Howell, NJ 07731, get the requests in soon! A class schedule is available by calling, writing or on the web from;

Peters Valley Craft Education Center

19 Kuhn Rd., Layton, NJ 07851 (973)948-5200
pv@warwick.net www.pvcrafts.org

Official NJBA Address

NJBA, P.O. Box 195
Howell, NJ 07731

Rather than use room in the newsletter,

All correspondence between
ABANA and NJBA is now being
posted

The NJBA Web Site!

The NJBA Web Site is up and running at:

<http://njba.abana-chapter.com/>

Bruces' links to the ABANA site;

<http://www.monmouth.com/~freeman/NJBA/abanawebsite.htm>

NJBA Board of Directors

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c/o HHM, P.O. Box 5005, Clinton NJ 08809

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732-206-1568, 732-949-8422

drmacauley@att.com

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609-723-5990

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nate.pettengill@lmco.com

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Montgomery, NY 12549 suresign@frontiernet.net

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513 Harding Highway, Vineland, NJ 08360

856-697-4144, hotiron1@juno.com

Bruce Ringier, June, 2003

346 Rt.565 Wantage, NJ 07641

201-652-4526 wlknbg@yahoo.com

Tim Suter, June, 2002

1112 Ladner Ave., Gibbstown, NJ 08027

856-423-4417

June Meet in Cold Spring Village

In Cape May

The New Jersey Blacksmith Association will hold a general meeting and demonstration at Historic Cold Spring Village in Cape May New Jersey. The meeting will take place on Saturday June 15th. There will be demonstrations on both Saturday the 15th and Sunday the 16th so if you can't make Saturday come out Sunday. The meeting will coincide with HCSV's Farmfest event. HCSV is a 19th century village so period costumes are encouraged. NJBA members not wearing costumes are encouraged to wear NJBA t-shirts. Demonstrators should be in costume or be wearing a NJBA T-shirt. Lunch on both days will be provided to NJBA members. There usually is no "Iron in the Hat" at this location.

We need members to bring portable forges and anvils for the demonstrations. Members bringing forges and other equipment should be there an hour earlier at 9 am. If you are interested in being a period demonstrator or have any other questions contact;

David Macauley, 732-206-1568, 732-949-8422
drmacauley@att.com

Directions: Take exit 4A south from the Garden State Parkway and follow the signs to Historic Cold Spring Village 720 Rt. 9 Cape May NJ 08204 (609) 898-2300.

July Meet at Monmouth County Fair East Freehold Park NJ

General Meeting Friday 7 PM July 26th
NJBA members will be providing a blacksmithing demonstration in conjunction with the Longstreet Farm Exhibit during the County Fair running July 24th – 28th. The fair times are Wednesday through Thursday 5 PM - 11PM, Friday through Sunday 10AM - 11PM The general meeting will be held Friday Night starting 7 PM at the NJBA demonstration

booth. Look for the Longstreet Farm Exhibit.

Blacksmiths are encouraged to submit some of their work for a display at this venue on Friday night. All work will be displayed at the exhibit. This is a great opportunity for us to advertise NJBA and individual members. We can distribute business cards, brochures and talk to the public regarding our work. A forge, several anvils, some tools, stock and coal will be kept at the fair site for demonstrators.

Directions to East Freehold Park ,NJ

- ♦ From Garden State Parkway:
Garden State Parkway to Exit 100, Hwy. 33 west. Follow Hwy. 33 to Kozloski Rd., turn right. Follow signs to Park.
- ♦ State Hwy. 9 to Hwy. 33 east, south of Freehold. Follow Hwy. 33 to Halls Mill Rd. North exit. Follow Halls Mill Rd. north to intersection. Road name will change to Kozloski Rd. Follow Kozloski Rd. to Park on left.
- ♦ From Rt. 18
Rt. 18 to Exit 22, Rt. 537 west. Take Rt. 537 west to Kozloski Rd., turn left. Follow to Park on right
- ♦ It has also been recommended that to avoid traffic approach from Rt. 537

For more information contact David Macauley
732-206-1568 or drmacauley@att.com.

Free passes have been available for demonstrators in the past, but we need to know who wishes to demonstrate by June 30th, 2000. For general information on the fair call: (732) 842-4000.

September Meet at the Red Mill Museum

The second annual Hammer-in and blacksmiths tailgate sale is set for Sept 7, 2002, at the Red Mill Museum, Clinton ,NJ. rain or shine! Last years was a great success despite 9/11 and this year promises to be bigger and better yet!..The contact for the event is: Adam Howard, c/o HHM, P.O. Box 5005, Clinton NJ 08809, 908-735-4573
kunstschmeide@aol.com, More information to come in the next newsletter.

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Peters Valley

Second Annual Pig Roast

Peters Valley has scheduled their second annual pig roast, auction, fund raiser and party for Sept 14th! More information to come in the next newsletter.

Non-NJBA Events in Our Area

Blacksmith Day at Rough and Tumble

On Saturday, June 8, 2002 the Pennsylvania Artist Blacksmiths' Association (PABA) and Rough and Tumble will host Blacksmith Day. Many activities are planned for this day, and all are invited to come and participate. The main demonstration area will be at the Titus Brubaker building from 9 A.M. to 4 P.M. For those who cannot be at the ABANA conference in Wisconsin, this event is a good substitute!

The feature demonstrator is Tal Harris from Waxhaw, NC. Tal has been a demonstrator at Artist Blacksmiths' Association of North America (ABANA) conferences, past president of the North Carolina ABANA, student of Francis Whitaker, instructor at J. C. Campbell Folk School, workshop leader in Australia, and husband to famed artist Kim Harris. He will be demonstrating traditional joinery techniques and tooling.

A forge area will be manned by PABA members demonstrating a variety of projects. There will also be an area set up for tailgate and vendor sales. All are welcome to bring items to sell at the tailgate area.

PABA will conduct an Iron-in-the-Hat raffle of donated items, both handmade and mass-produced work. Proceeds will be used to help PABA defray its operating expenses. Items made for trade between members will be on display, as well as a gallery of other blacksmithing work. Admission is free to all, so bring your family, friends and neighbors. Food will be available from R&T Food Services.

For more information about Rough and Tumble,

check out their website at www.roughandtumble.org.

ABS, New York Blade Forging & Knife Exposition

This will be offered by the American Bladesmith Society, Inc at Camp Schodack's Meadowbrook Lodge, 40 Krouner Road, Nassau, NY 12123. Located east of US 20, Schodack Center on Highway 16.

Schedule

Thursday, 26 September 2002

Check In & Registration begins at noon
with Demonstrators Dinner Buffet at 7 pm, \$13.50
all attendees Invited

Friday, 2 September 2002

7-8 am.....Check-In
8-12 noon..... Demonstrations and Lunch
1-5..... Hands-on Seminars
5-7..... Bar B Q & Chicken, \$15.50
7-9.....Cutting Competition

Saturday, 24 August 2002

8-10.....Demonstrations
10am—6pm Free to the Public, Knife Exhibition & Show, Demonstrations & Auction

Sunday, 25 August 2002

8-12.....Demonstrations

Tail Gate Sales & Suppliers are welcome

DEMONSTRATORS & DEMONSTRATIONS

Don FoggDamascus Pattern Development
Steve Schwartzer.....Mosaic & Powder Damascus
Rob Hudson.....Blade Forging
Harvey Dean.....Blade Grinding
Barry Davis.....Gentleman's Folders
E Jay HendricksonHandles & Guards
J D Smith.....Mokume, Silverwork & Stone Setting
Joseph Szilaski.....Handle Carving
Jerry FiskCutting Contest
Christoph DeringerHands on Bladesmithing

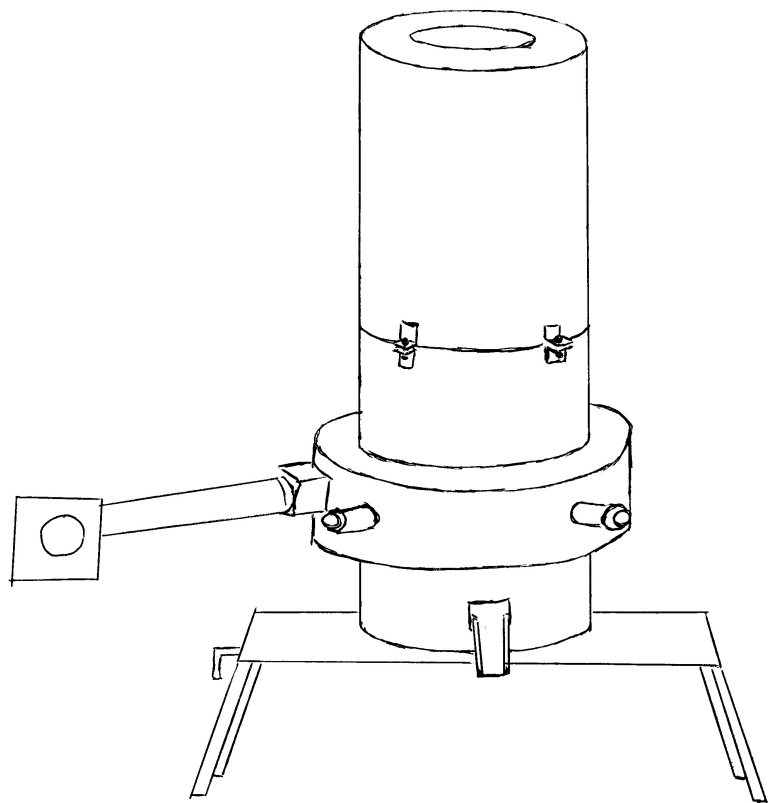
February Meet At Alex Parubchenko's Shop in Trenton, February 9th, 2002 The Iron Pour

Report by Larry Brown

Many thanks to Alex, John Chobrda and Mike Erdie for making this a memorable meet. The meet got underway about 9:30 and by 10:00 the copula was ready to be fired. The fire is first started with charcoal and then coke was added and the air blast turned on. More coke was added to fill the copula and then allowed to burn for 45 minutes to heat to copula fully. After the preheat the copula was charged with a weighed amount of steel and iron scrap and the vent pipes uncapped and the blast left off for 45 minutes to pre-soak the metal and core inside the copula. The air blast was then turned back on and the bottom tap was opened till iron started to run out. A sand and clay plug was then inserted to close the tap and then the blast was run for a set amount of time till the iron had melted. It was then tapped, a crucible filled and the molds poured. The moulds had been set up for several small 5 and 10 lb. anvils.

During the pre-soak time Marshall Bienstock demonstrated some of the techniques he had learned at his recent visit to the Campbell Folk School. He showed how the project was colonial ember tongs and he demonstrated the forging of the box hinge joint involved in their construction.

Mike Erdie who constructed the copula and made the molds for the demo recommended a book called Iron Melting Copula Furnaces, For the small Foundry by Steve Chastain, available through



More information and pictures of this meet
can be viewed on our web site:

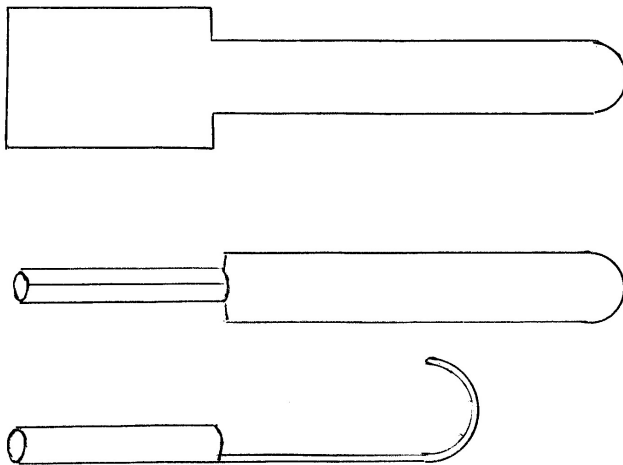
<http://njba.abana-chapter.com/>

NJBA April 13th Meet or A Day With Jonathan Nedbor

The April 13th Meet was held at Tim Miller's shop in Bayport, Long Island
Report by Larry Brown

The day started with Tim Suter showing off his combination treadle and air power hammer, which can be used efficiently either way. Once again Tim has done a fine job of design and fabrication. Everything I could think of was covered from the adjustable heights for the head to the tooling and holders.

Tims' Hammer

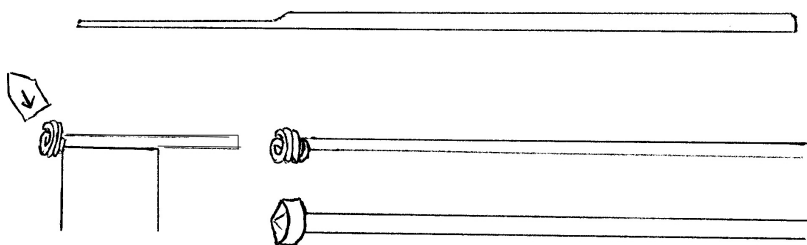


Coal Rake

Jonathans' Demonstration:

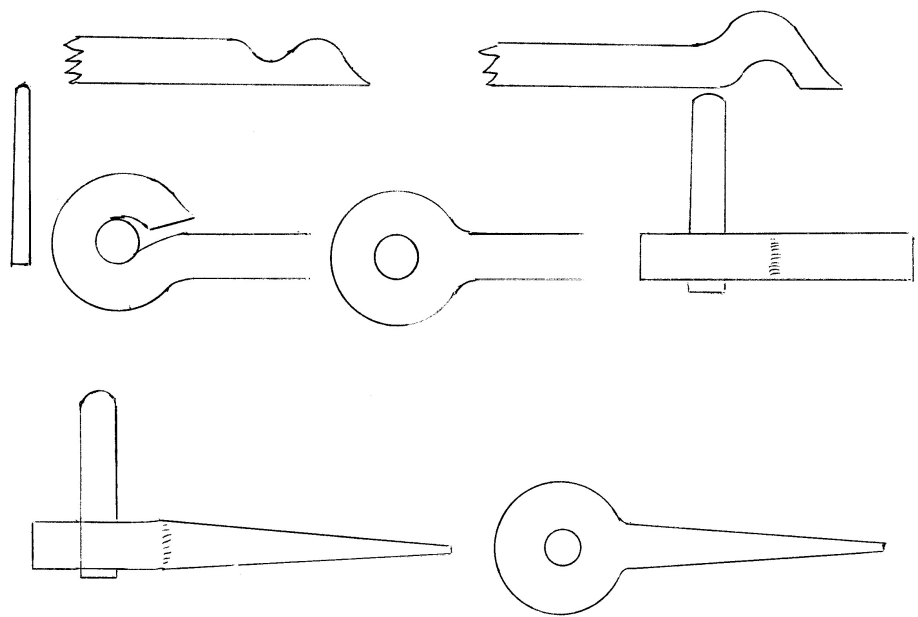
Jonathan Nedbor was the featured demonstrator for the meet. This was the first time we have had a paid demonstrator and it was a valuable learning experience for all that attended. Jonathan started demo by making a coal rake from a stock blank he had brought with him. The rake blank was cut out of 12 or 14 ga. stock. The wider section is roller to create the handle and the other end is curved to become the rake section for tending the fire. Then to continue the warm up part of the demo he showed how he rolled and coiled stock around it's self to form a large end for a coat rack hook.

Coat Rack Hook End



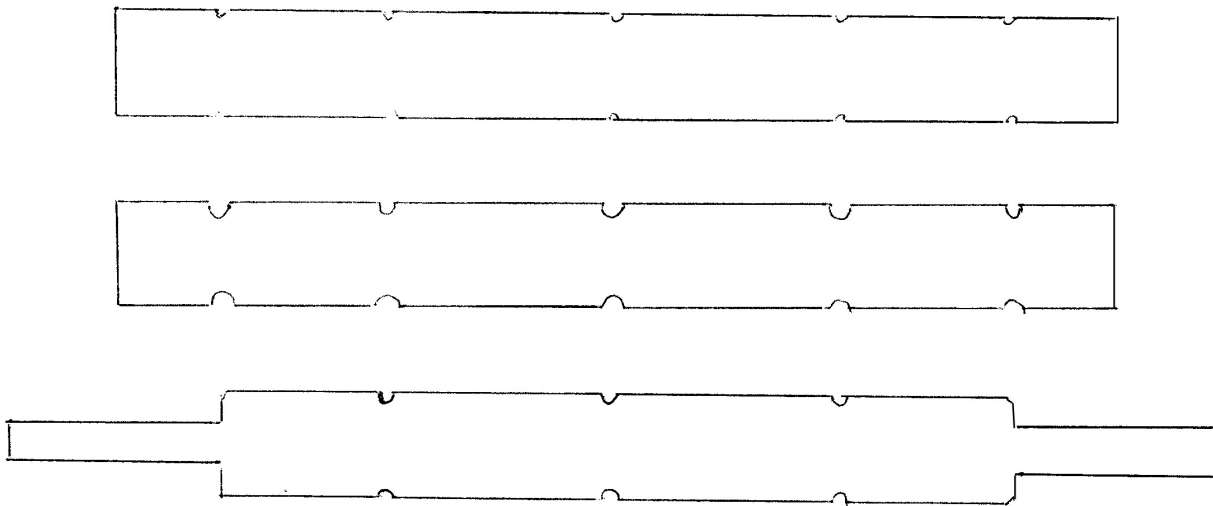
The main part of the demo was on Dutch hardware from the French Huguenots who lived in the area around New Paltz, NY. Jonathan forged a pintle and what is called a pancake or pad hinge. The size he made would have been used on a shutter. For the demonstration Jonathan used Pure Iron.

The pintle is made by first forging the pin section a little longer than the size of the hinge eye and the pintle stock. The top end is rounded and the bottom is slightly over sized so that after welding it will be the same as the top. The stock for the pintle is then tapered on the end and then fullered a little of the way in. A drift is placed over the top of the vise and the stock is wrapped around it. The drift is then driven out and the pin is placed in it and welded being careful not to work the stock down too much. use a bolster block to refine the shoulder area and draw out the stock to around a 4" taper.



Pintle

Hinge Layout

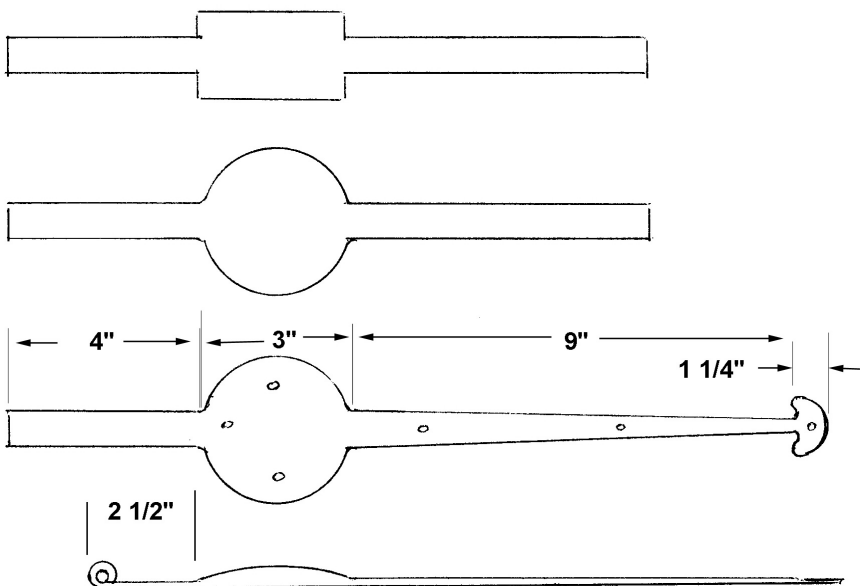


Next Jonathan marks out the flat stock that becomes the hinge and dimples the edges. The stock is laid out for two hinges at once with the finial ends in the center. First the dimple areas are fullered in using a Smithing Magician tool and then the hinge eye sections are drawn out. After the ends are drawn out the stock is then cut in half. This gives an area that is easier to hold while working the other sections. For the demo Jonathan used a power hammer but it may also be done by hand. The finial section is then roughed part way out and then work is started on the pancake section. A radiused fuller is used to draw the edges out without

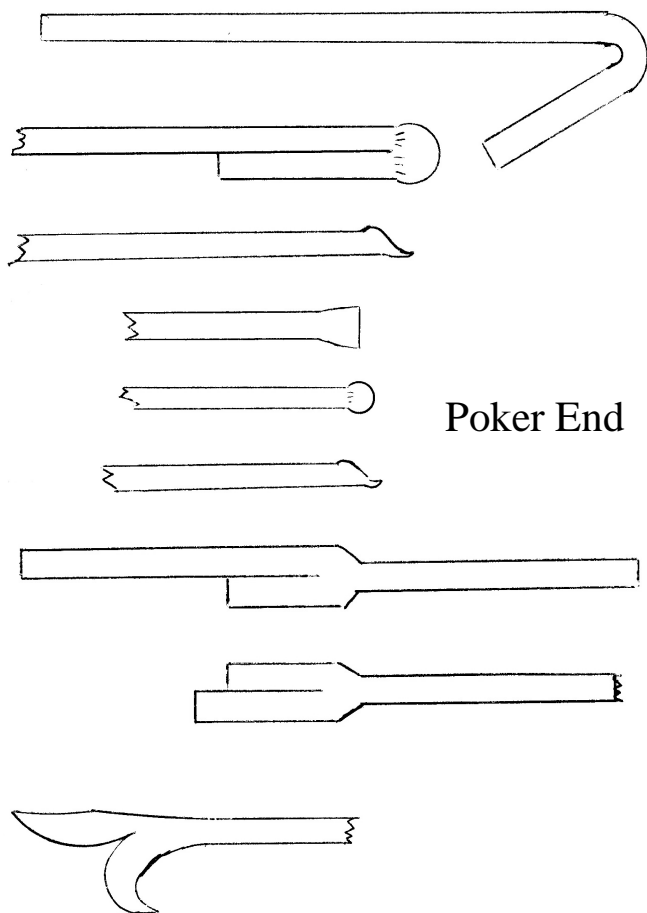
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working the edges and the center too much to keep them from getting thinned out. The finial section is then upset a little on the end.

The edges of the finial are drawn out first and then the center keeping just the finial section over the anvil and rotating it slightly to help draw it out. The eye is then rolled around a drift and the holes are punched. The last step is to slightly curve the pancake section and then flatten the edges of the pancake on the anvil. The nails were made from 1/4" round and headed in a nail header. Jonathan said clinch nails should be 1/2" longer than the wood thickness.



Hinge



Poker End

The next project was a poker end demonstrating an interesting forge weld. The end is made by folding one piece of stock back on itself and scarfing the end. The other piece is upset and scarfed and then welded to the first piece. Excess stock was then cut off and the ends forged to shape. This is stronger than looping the stock and welding as it gives more material and the weld is in a different plane to the stresses.

Tip from the demo:

Bursting sparks in the forge flame help indicate welding temperature. Hit lightly when welding and until weld is complete, then work hot until work is defined. Layers of different color paint give a layered effect. Try "Hammerite Paint" for an interested effect on tools, etc. Clean work in white vinegar with a little salt added, soak until clean then wash in hot water and dry quickly. Jonathan used a blunt cut off hardy which worked very well.

Many thanks to Tim, from all, for his efforts in hosting this event.

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Blacksmithing

Workshops and Classes:

Peters Valley Craft Education Center

19 Kuhn Rd., Layton, NJ 07851 (973)948-5200
pv@warwick.net www.pvcrafts.org

Academy of Traditional Arts

Carroll County Farm Museum

500 South Center St. Westminster, MD 21157
(410)848-7775 (410)876-2667

Touchstone Center for Crafts

R.D.#1, Box 60, Farmington, PA 15437
(724)329-1370 Fax: (724)329-1371

John C Campbell Folk School

One Folk School Rd.
Brasstown, NC 28902
1-800-365-5724 www.folkschool.com

Coal

Coal is now available through Alex Parubchenko at his shop in Trenton. Please contact Alex or John Chobrda at the shop, Phone # (609) 396-9583.

Open Forges

We want to encourage all to join us at:

Monday Night Open Forge in N.J.

Marshall Bienstock is hosting an open forge in his shop at 7 pm almost every Monday night (Please call ahead on holidays to make sure , (732)780-0871)

Monday Night Open Forge

In Orange County

Greg Phillips will be hosting an open forge in his shop in Orange Co. NY. For more information Contact: Greg Phillips, Acorn Forge, 937 Route 17k, Montgomery, NY 12549, (914) 457-5672, Suresign@frontiernet.net

Remember soon it will be time
to send in your renewals!

If you do not get one contact:

Nate Pettengill,
Membership Chairman

Business Members

We would like to thank those who joined with our new Business Membership category
Please show them our support

Ginty's Welding Service, Inc

2 Lee Mack Ave., Danbury, Conn, 06810

Timothy Miller, Artist Blacksmith,

Bayport, Long Island, NY (631)419-1185

Marshall Bienstock

663 Casino Dr., Howell, NJ 07731
(732) 938- 6577, (732) 780-0871

Lincoln Wolfe

11 Overlook Terrace, Bloomfield, NJ 7003
(973) 338-3913

John Chobrda

Pine Barrens Forge

231 Morrison Ave., Hightstown NJ 08520
609-443-3106 609-396-9583
JChob@earthlink.net

New York State Designer Blacksmiths

Francis Whitaker Ring Project

<http://www.abana.org/business/nysdbproject.html>

The New York State Designer Blacksmiths is going to engage in a Francis Whitaker ring project, therefore we are looking for volunteers to work on the grille and some to fabricate the rings.

If any questions e-mail me at:

Al Butlak Jr.

1351 Walden Ave

Buffalo, NY 14211-2826

butlak1@mindspring.com

If we are interested in participating in this needs to be done really, really soon. Maybe get the interested parties together at a forge, work out the design and execute it. Contact myself (Editor) or any board member if you are interested.

The Search for the Home of Hay-Budden

By Josh Kavett

On Friday, April 5, 2002, I picked up Andy V-S in Carteret and proceeded on a quest to answer a couple of questions. First was to see if the monster hammers were still in the abandoned building in Jersey City, and second was to find the Hay-Budden factory building.

We got to Jersey Street, in Jersey City and much to our disappointment, the building that housed the forge and hammers now housed garbage trucks and dumpsters. The hammers were gone, and the oily dirt floor was now concreted over. Some of the furnaces and gantry booms were still there. Outside on the sidewalk still sat a 10 ton sow block from one of the hammers. There was another broken sow block and the part that held the die on the sow block. Obviously too heavy to move. The man I spoke to did not know anything about the hammers. They had been removed before the garbage people moved in.

We sadly left the area, proceeding through the Holland Tunnel and across lower Manhattan to Brooklyn. Using a 1960 Brooklyn map, and Andy's navigation, we headed to the last address for the Hay-Budden anvil company.

We had no trouble finding it. The building is still there on North Henry Street. Even the street numbers were the same as in 1906. The building matched the picture I have on one of the original brochures. The building had been divided into four small industrial businesses. We headed into the first, a truck engine repair shop. We explained why we were there. The man thought we were nuts, but let us look around. Absolutely no trace of the original factory, except in the back area. There, up in the riveted trusses was the remnants of a curved trolley track, and in the center point, a large bracket that must have been an attachment point for one of the hammers. The track was for the trolley and support winch to manipulate the iron with under the hammer.

The next part of the building housed a truck trailer repair shop. The other part of the building was for driver parking for the tour buses in the front part of the building. I photographed as much of the building as was practical, as I had promised Dick Postman to send him photos for his records and future books. We then reversed course and headed home.

An interesting, if slightly disappointing day.

Scrap Corner

From Tim Suter

Many people soak their hammer handles in raw linseed oil. I like mine marinated. Why put a hammer in a large container with a lot of oil, then put it some place where it is in the way and may be bumped over? I put mine in a zip-lock bag with about a half a cup of oil and swosh it around occasionally until I feel enough has been absorbed.

New England School of Metalwork Summer Workshops

May – Michael Saari and Charles Orlando

June – Jeff Mohr and Doug Wilson

July – Bob Compton and Rob Rieker

August – Bill Fiorini, Jonathon Nedbor,

Dan Radven and Dan Miller

September – Brian Gilbert and

Joel Wentworth

October – Ed Mack and Bob Bergman

Classes are filling quickly,
call to register 1-888-753-7502
or online at www.newenglandschoolofmetalwork.com
please direct inquiries to
dglaser@newenglandschoolofmetalwork.com