



N.J.B.A. Newsletter

NJBA Volume 12, Issue 2 08/01/07

Editors Soapbox

Well it's the middle of Summer again and I hope you all try to make it out to the next few events. I know it can be hard to find the time to go to the meets but, it is also nice to take a break for the day, see some familiar faces and learn something new.
Larry Brown, Editor

Upcoming events for 200

Get you calendars out and mark these events down. Please bookmark our web site and check for updated meet information. Remember most of our meets have an "Iron in the Hat" drawing, so be sure to bring something. Meet information starts on this page and continues on page 3.

August 19th—Red Mill Hammer in
Hammer in and picnic Coordinators— Robert
Bozzay, Eric Cuper, Adam Howard

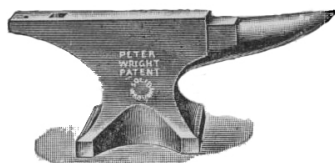
September 1st - Peter's Valley Pig roast, tickets \$25 before Sept 1st, \$30 after. More info on page 4. Coordinator— Bruce Ringier

September 14th – 16th - Delaware Valley Assn.
Engine Show Washington Crossing State Park
Coordinator— John Choborda

October 7th - Walnford Day We usually do a demo Jeff Morelli?

November 3rd - Randy McDaniel ,
Demo on wizard and animal heads – Eric Cuper's shop in Easton Pa. Information on page 5.
Coordinator—Tim Suter

December ? Holiday Party, Date not confirmed as yet but will be in the next newsletter.



Red Mill Museum in Clinton, New Jersey

ANNUAL HAMMER-IN/ TOOL SWAP / NJBA PICNIC

Sunday, August 19, 2007, 10 am till 4 pm
Red Mill Museum Village
56 Main Street
Clinton, NJ 08809

Contact: Bob Bozzay, Eric Cuper, The Museum at
(908) 735-4101

See invite letter on page 3!

Activities will include demonstrations, the tailgate tool sale, iron in the hat and the NJBA members picnic! In addition to previous years activities, we are inviting all Smiths who wish to exhibit/sell their work and wares to participate. NJBA members or anyone wishing to tailgate, demonstrate or exhibit, will be provided free admission with pre-registration, general admission of \$8 for the public.

Participants may pre-register by calling the museum at (908) 735-4101 Bring tools, anvils, or any smithing related items and collectibles, bring your checkbooks, bring your appetites!

Directions:

Take exit 15 on I-78 onto old route 22 going North (Routes 513 and 173), make a left onto main street before bridge. Museum straight ahead.

Notice

We have received sad news regarding our member Jeff Morelli. Jeff has passed away. Any donations NJBA members are able to make to an educational fund for the benefit of Jeffrey's children would be appreciated. "Morelli Children Fund" and sent to Mark Cubberley, 282 Main Street, Groveville, NJ 08620.

New Jersey Blacksmiths Newsletter

The NJBA Web Site!

The NJBA Web Site is up and running at:

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

The Newsletter is at:

<http://members.bellatlantic.net/~vze25jcc/index.htm>

Official NJBA Address

NJBA

P.O. Box 224

Farmingdale, NJ

07727-9998

Rather than use room in the newsletter,
All correspondence between
ABANA and NJBA is now being posted
on the NJBA web site.
If you cannot access it there, contact me
and I will send you copies

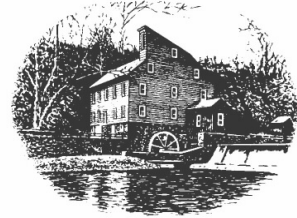
NJBA Board of Directors

Red Mill Museum Village

56 Main Street, Clinton, NJ 08809

PRESS RELEASE

For Information contact:
Elizabeth Cole, Curator of Education
908-735-4101 ext.102



RED MILL MUSEUM TO HOST ANNUAL HAMMER IN AND TOOL SWAP

CLINTON, NJ—The Red Mill Museum Village is pleased to announce its annual Hammer In and Tool Swap on Sunday, August 19th from 10-4 pm, (rain date August 26).

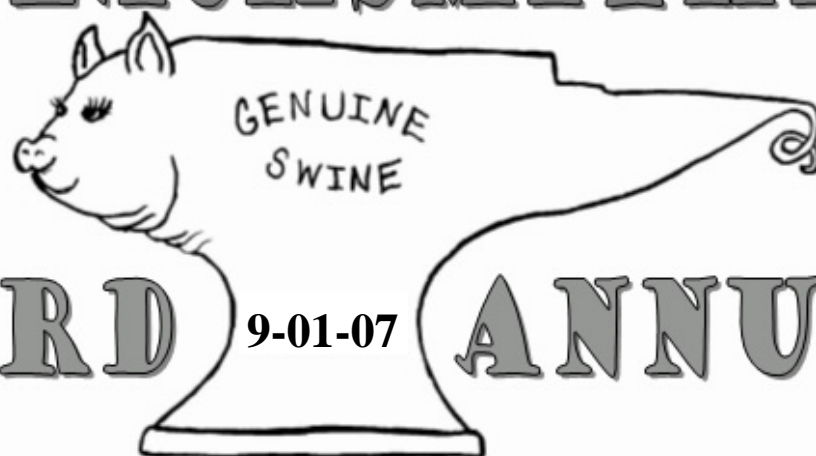
This event is hosted by the NJ Blacksmith's Association, under the direction of association trustee, Eric Cuper, and our own resident blacksmith Robert Bozzay.

The day's activities will center at the Museum's Blacksmith Shop where local blacksmiths and the New Jersey Blacksmith's Association, a non-profit organization dedicated to the promotion of the art and craft of blacksmithing, will have members on hand to demonstrate and sell their work. Tool dealers and collectors are invited to tailgate, sell and swap their smithing tools and accessories. We are currently registering blacksmiths and tool collectors. Among the items to be found will be anvils, blowers, forges, vises, hammers, and tongs. Should anyone have a "what is it" cluttering up the garage, bring it along and we will be glad to identify it for you. Admission for the day's activities is \$8 for adults, \$6 for seniors, and \$5 for children (6-12). Free for children under 6, museum members and for NJBA members. Included in the price is admission to the Museum's historic buildings and exhibits. The Red Mill Museum Village is located at 56 Main Street in Clinton, NJ. For more information, or to register call the Museum at (908) 735-4101.

Operations and programs of the Red Mill Museum Village have been made possible in part by grant funds administered by the Hunterdon County Cultural & Heritage Commission, made available by the New Jersey State Council on the Arts / Department of State (a partner Agency of the National Endowment for the Arts), the New Jersey Historical Commission (a division of Cultural Affairs within the Department of State), and the Hunterdon County Board of Chosen Freeholders.

Come join the fun Saturday, Sept. 1, 2007!!

PETER'S VALLEY BLACKSMITHING



PIG IRON FEST

Pig Roast / Burgers / Hot Dogs / Salads / Sodas,
Beer & Live Entertainment - Eric Langberg and his
Band! Auction: Artwork, Tools and More!!

Raffle: 175 lb. Hay-Budden Anvil & Farriers Pattern

Only \$30 per person (\$25 pre-purchased)

Kids under 12 free!

Presented by

Jimmy Clark, Dick Sargent, Bruce Ringier and the Staff
All proceeds to benefit Peter's Valley Blacksmithing De-
partment Call for details 973-948-2393 shop

1:00 PM Hurricane or Shine

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Peters Valley Pig Roast September 1st NEW DATE

On September 1st Peters Valley will hold its seventh annual Pig roast and fund raiser. Please bring or send pieces to donate to the auction. The cost for the day is \$30 (\$25 Pre-purchased) with children under 12 free. For more information please call the main office at (973) 948-5200.

Directions to Peters Valley;

Peters Valley Craft Education Center is located at;
19 Kuhn Road. in Layton (Sussex Co.). NJ 07851.
(Phone: 201-948-5200).

From Interstate Route 80 West:

Take Exit 34B to NJ Route 15 North. to US Route 206 North. Left onto NJ Route 560 West. Go through the blinking light in the center of Layton. onto NJ Route 640: go about 2 miles and turn right onto NJ Route 615. Go approximately one mile.

From US Route 209 (on the west bank of the Delaware River in Pennsylvania): Take PA Route 739 South across the Dingmans Ferry Bridge. Take the first right at sign to Peters Valley. Go two miles.

Old Time Engine Show September 14th, 15th, and 16th

NJBA will again be at the Delaware Valley Old Time Power and Equipment Association's "Days of the Past" Engine Show at Washington Crossing State Park, in Titusville, New Jersey. Come on out and bring the family, there are hay rides for the kids, a metal heads flea market, and a lot to see. We will have a couple of forges going so bring a hammer, also if you have some items for sale we will have a table out. Come on out and join the fun. For more information check out their web site <http://daysofthepast.com/>

Directions:

The Engine Show is located in Washington Crossing State Park off of Rt. 29 (River Rd.) South of Lambertville and North of Trenton signs are posted to show the way.

October Meet at Walnford Park

We will be demonstrating and holding a membership meeting at Walnford Park on October 7th. Walnford is also known as Crosswicks Creek Park and is in Upper Freehold, N.J

Set-up starts 8:30-9:00, the event is 10:00 - 5:00. We will have the trailer there, so come down and do a little forging and meet with others in the group while enjoying the park and the day. David Macauley will be the contact person and coordinator. This will a "bring your own lunch" event. We will pick up coffee and donuts for the morning. There are places nearby if folks want to pick something up for lunch.

The restored gristmill will be running, and there will be other exhibits, too. NJBA's trailer will be there with our fly and forges but feel free to bring your own if you would like. I do not believe we are encouraged to sell our wares but they sure can be on display, so bring some of your work to put on the table (along with your business card.)

Historic Walnford is the 36 acre Historic District at the heart of Crosswick Creek Park. This country estate and former mill village provides a window to view more than a century of social, technological, and environmental history in Western Monmouth County. The site includes a large home built for the Waln Family in 1774, an 1879 Carriage House, and assorted outbuildings and farm structures. Much of the site's interpretation is connected to the newly restored and operating late 19th century Gristmill.

Directions

NJ Turnpike to Exit 7A, (I-195 east). Follow I-195 to Exit 8 (Allentown, Rt. 524/539). Turn South onto Rt. 539 through Allentown (Rt. 539 requires a left turn where it splits from Rt. 524). Follow Rt. 539 to Holmes Mill Rd. Turn right. Follow to Walnford Rd. Turn right and follow 1 mile to Park.

Rt. 9 to Freehold (West Main Street/Rt. 537 east exit). Northbound, turn left at exit; southbound, turn right at exit. Follow Rt. 537 west to Rt. 539. Turn right onto Rt. 539 west. Follow Rt. 539 west to Burlington Path. Turn left; follow to Holmes Mill Rd. Turn right; follow to Walnford Rd. Turn left and follow 1 mile to park.

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Randy McDaniel Demo

November 3rd - Demo by Randy McDaniel on wizard and animal heads – Eric Cuper's shop in Easton Pa. Coordinator—Tim Suter

Mark your calendars!!!

The address is:

1301 Lynn Street
Easton, PA 18042

Any problems finding my shop, call: 908-642-6420 or 610-438-8694

Directions:

Assuming everyone is coming from the east. Get to 78 or 22 west from wherever you are coming from. 78 and 22 merge for a while. Take the last exit in NJ, which is 22 into Phillipsburg. Take 22 all the way through Phillipsburg, through the toll (75 cents) into PA. You are taking the very first exit immediately off the bridge so stay to the right out of the toll. Exit right and stay to the right on the exit ramp and pass under 22 until you come to a stop sign at Larry Holmes Drive. Turn left onto Larry Holmes Drive. You pass McDonalds and WaWa on your left. Take the first left onto Lehigh Drive immediately after the WaWa strip mall. My shop is on the corner of Lehigh Drive and Lynn Street. It is the first white building on the right, my shop may be entered through the green door. Parking is available in front of my entire building and all up Lynn Street but please do not park in the driveway on the left side of my building, it is an active driveway for a delivery company.

You may also take 78 west into PA (also a toll) and take the first exit in PA. I do not know the street names but turn right at the end of the exit and follow the signs for the Crayola Factory/ Canal Museum/ or Attractions. These signs will bring you to a light with McDonalds on your left. Turn left at this light and take the next left onto Lehigh Drive, then continue as above.

Randy McDaniels Biography

Dragonfly Enterprises

Randy McDaniel, Artist, Author, Instructor
in Forged, Lasered & Fabricated Metals

Mr. McDaniel began his journey into sculpture by learning to shape hot metals with a hammer and anvil.

He began his experience in blacksmithing with a class from an 81-year-old blacksmith in 1972.

That was the spark that ignited his passion for forging hot metal. Randy also learned from other "retired" smiths, researching the craft in libraries, by taking craft schools classes from various skilled smiths such as Frank Turley, Francis Whitaker and Ivan Bailey, and by participating in blacksmithing conferences. Mr. McDaniel traveled to England in 1987 to participate in the British Artist Blacksmith Association's International Conference in Hereford and to study ironwork in London. In 1988 Randy was baptized as a smith by Manfred Bredhol from Aachen, Germany.

Originally specializing in Colonial reproduction ironwork taught him the basics of forging hot metal. Randy's blacksmithing experience now includes a wide diversity of works that runs the gamut from designing and producing personal and whimsical items from business card holders and furniture to large-scale lighting, gates, grilles, fountains and sculptural pieces. His design and forging of the artwork for the new Children's Garden entrance arbor at Hershey Gardens is an excellent example of his art and whimsy. Besides forging steel he enjoys working in copper, bronze and titanium.

Over the past 30 years Randy's metalwork has been shown at National juried craft and art shows and then in art galleries such as the Pendragon Gallery in Annapolis, MD, Eisonwerks in Manayunk, PA, and more recently at Gallery 20 in West Reading, PA. He has received many "best in show" awards, and has been highlighted in articles in books, magazines, newspapers, and television shows. He is most recently featured in the book, "Lives Shaped by Steel" by Nancy B. Zastrow.

Mr. McDaniel has also gained recognition and acclaim for writing and illustrating "A Blacksmithing Primer, A Course In Basic And Intermediate Blacksmithing". Originally self-published, due to its' success is now being published as a second edition by Finney Books. Blacksmiths, blacksmithing groups and even schools around the world are using this book to teach basic to intermediate forging. This book has also been professionally filmed as a 6 hour video/DVD with Randy's instruction and

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demonstration. Besides his book he has written articles for "Fabricator Magazine" on operating a business and the virtues of laser cutting. "The Anvils' Ring" has featured Randy and his works many times over the years.

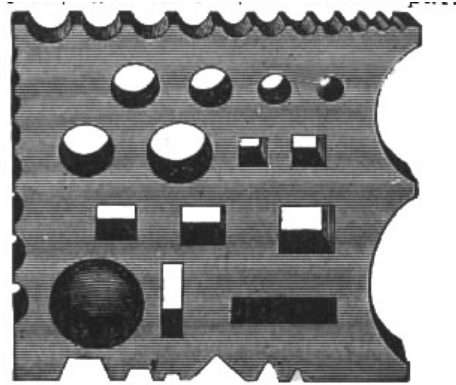
Randy has taught basic and advanced workshops for more than twenty years. These include workshops at the University of the Arts, Philadelphia, PA, Penland School of Crafts, J.C. Campbell Craft School, Appalachian Center for Crafts, New England School of Metalwork, Peters Valley Craft School and for many regional blacksmithing groups from coast to coast. Randy was also a lecturer and demonstrator for the Artist-Blacksmith Association of North America's International Conference at Alfred, New York in 1990 and at La-Crosse, Wisconsin in 2002.

Randy is a member of ABANA-Artist-Blacksmith Association of North America, PABA-Pennsylvania Artist Blacksmith Association, MASA-Mid-Atlantic Smiths Association and a life time member of BGCM-Blacksmith Guild of Central Maryland. He is also a member of the Berks Arts Council.

In the Winter of 2005 he was mentored by a 74 year old sculptor who has taught Randy the intricacies of producing sounding sculptures from bronze, brass, steel and beryllium copper. He is excited about adding his own skills and imagination to this historical art form. He was accepted to the prestigious Philadelphia Furniture & Furnishings Show 2006, which became his first public showing of his new line of works.

"Creating works in metal is a way for me to express a three-dimensional feeling of motion, life and fun. Now I am able to add sound as another aspect of life which produces an interaction between the work and the participant. My whimsical designs perpetuate a lighter heart for all; for myself while creating and for the client over the years."

From his web site;
<http://www.drgnfly4g.com>



NJBA Holiday Party!

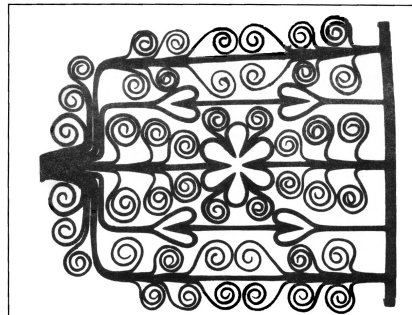
The holiday party is to be held on December 3th at Jan and Marshall's house. Many thanks again, to Marshal and Jan for opening their home to us in the holiday season. Members are asked to also bring various trivets, candle holders, or other holiday items they are making to the party. Despite the emphasis on blacksmithing, members are encouraged to bring their families.

More information in the next newsletter!

Directions to Marshalls' Home:

Marshall and Jan's "cabin" is not on Marshall's farm, but about 3 miles east of it on the same road. Casino Drive is just off Rt. 9, about 3.5 miles north of interstate I. 195 (exit 28). and about 4 miles south of Rt. 33. Either of these routes can be easily reached from the major north-south highways including the Garden State Parkway, the NJ Turnpike. 1-295, Rt. 18 or Rt. 34. From Rt. 9 northbound. make a right onto Casino Dr.; southbound. take the jug handle to make a left onto Casino Dr. Continue past Marshalls' Farm to #301 Casino Dr., Howell, N.J.

(ph# 732-938-6577) jlfmib@optonline.net



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Mid-Atlantic Smiths Association

MASA METALSMITHING CONFERENCE
September 8-9 2007

At TUCKAHOE Steam and Gas Show Grounds
on Route 50 east of Easton Maryland.

Demonstrators are Steve Joslyn from New York
and Steve Williamson from Tennessee

Cost \$45.00 per person, \$35.00 before August 31.
Non-blacksmithing spouses and children under 10
free.

Breakfast and Lunch available for purchase at the
show grounds. Dinner Saturday will be catered and
cost \$12.00 per person.

Camping is available on Friday and Saturday
nights. Plenty of room for Tailgating and CAMS
will be having a Yard Sale on Saturday.

Email me for registration lance @ bentoaks . org

Report On The Forge Hood Workshop

On Saturday May 19th we had a successful
workshop. We made 14 hoods as planned. We had
about 1 dozen people who showed up - many of
which did not buy a hood but donated their time.
NJBA would like to thank you very much for your
help.

Eight people have bought hoods already - all but
1 have picked up their hood. We have 6 hoods left
to sell and they are being stored in one of Mar-
shall's trailers.

The total expense of the workshop was
\$1,535.23 which included supplies, coffee and
donuts for the morning. The stainless Steel sheets
were pretty expensive - probably because we
bought so few. The total income for the workshop
is: \$ 1,415. That includes the sale of 3 shirts at
the event. So right now we have a net loss of \$120,
so we are not in the hole by much. We intend to
sell the remaining 6 hoods for \$200 for folks who
did not attend the workshop. For those who did we
will offer a \$25 discount. If we sell all of the hoods
which I think we will, we will have a profit of
\$1,080 which ain't bad for a day's work. We will
bring a few to each event that we have.



Cold Spring Village

Sunday at Cold Spring Village

by Bruce Freeman

Having skipped the first day of this two-day af-
fair, Andy Vida and I arrived Sunday, only an hour
late. It was a beautiful summer day, cool and dry
with a gentle breeze. I'm not sure what the event
was at CSV that day, but it involved kids picking
up a "Past Port" at the printers and getting it
stamped at each of the several crafts centers (by
participating in some way in the crafts), the reward
at the end of all of which was an ice cream at the
ice cream shop.

Three forges were set up, and David Macauley
and Josh were already hard at it. Since there was
only one forge free, I gallantly deferred to Andy,
who had hooks and tie-backs to make for the house
in West Virginia, and proceeded to direct the pro-
ceedings from my chair in the shade. (Yet so foul
is human character that for this act of gallantry I
had to endure the most insidious vituperation and
character assassination from the very person most
benefiting from my largesse. Naturally I gave as
good as I got.)

I took advantage of my relative freedom to wan-
der the village a bit. I noticed that one of the craf-
ters, a young lady set up to marblize paper, was
having a bit of trouble because her table was not
level. Since her apparatus consisted largely of a
low wooden "tank" containing carageenan-
thickened water, this meant the much of the fluid
was on one side of the tank, and the other side was
high and dry. I soon corrected this by shimming
the low side with a few pieces of wood from our
kindling supply. I was duly rewarded with a dem-
onstration of paper marbleizing - which seems
much simpler than I ever expected.

I also had a chance to observe the comely bas-
ket weaver, Patty, at work at her art. She was
weaving wooden splints with the greatest of ease
into attractive baskets. The trick, of course, is that
the splints have to be thoroughly soaked. Although
working with store-bought materials, she was quite
knowledgeable of the craft, and we discussed
things I'd only read about, such as pounding of
black ash logs to break off the annual layers which
then can be cut into such splints.

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Josh, whom I mentioned above, is apprentice to Jerry Goldman, blacksmith of CSV. Under David's guidance, he was working on a scorp. At this stage in its progress, it looked to be a drawknife, which, in a sense, is what it was. But a drawknife remains flat, whereas a scorp ultimately is bent into a partial circle (with axis parallel to the direction of cut). Josh had about two days' effort in this thing already, having had a few problems along the way, but before the day was out the scorp was essentially finished.

David started work on a courting candle, for which he is infamous. I think he failed to finish this piece, however, because a sweet young thing named Nicole stopped by for blacksmithing lessons. Although we took her to be about 16, Nicole turned out to be none other than Josh's older sister, age 22. Despite sandals and summer attire, Nicole completed her first wall hook, with a little help from David, without burning herself.

For my part, I decided to see what I could do with a railroad spike, of which we had plenty due to David's association with the New Jersey Museum of Transportation. I didn't have a clear idea what I was going to do with this spike, but I did decide I needed to isolate the head from the shank by fullering. This was an obstacle because there was no guillotine tool or spring fuller available, and my hand-and-eye coordination is too abysmal to accomplish top-and-bottom fullering without such a tool.

So I made a spring fuller. After an abortive attempt with 3/8" round stock, which was terminated in the spirit of the 4th of July - namely, a couple of sparklers - I started with 2' or 2.5' of half-inch square stock. First I flattened a small portion of what was to become the spring, isolating it 5"-6" from the end by means of half-face blows. Then I worked on the far end (fated to become the upper fuller "jaw," rounding this off to roughly half-inch round. Then I worked down the piece spreading 12" to 1" x 3/16" as the spring portion. Beyond this I spread about 7" of the stock to 7/8" x 1/4". The last 5"-6" I rounded up. Then I folded the 7" segment in the middle and fit it to the hardy hole. Over a few heats, I brought the adjacent round section flat onto the anvil as the lower "jaw" of the



spring fuller. Finally, I bent the spring section into about 3/4 of a circle of 4" diameter, bending the upper "jaw" 90 degrees from the descending arc. The resulting fuller, now amongst the tools on the NJBA trailer, performed very well, but I ran out of time before I could make much further progress on the railroad spike.



Delaware City Day

Kerry Rhoades and John Choborda hosted a hammer-in and BBQ at Kerry Rhoades shop on July 21st. I had never been to Kerry's shop before so I had a treat to see the way his shop is laid out and all the stuff in it.

My wife had come down with me and we both agreed that a lot of the work in the shop shows a great deal of skill and some pieces show a great sense of humor. There were people from other BS groups there and what appeared to be friends and towns people stopping by to see what was going on in the shop.

Thanks to John and the others who cooked and set up the food and the meet and many thanks to Kerry for setting up the shop to host this event
Larry Brown

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Items For Sale

NJBA has been contacted by these individuals as having the following metalworking items for sale, please contact them directly;

I have the following for sale (All very old) (1940's)
Shear (see pic) \$100
Welding machines Old A/C (2) \$40 each
Drill press (with extra chucks and bits) \$500
Corner Bender/Notcher/Manual operated \$150
Ford Engine (1920 stored in oil)
Forge- Coal with electric blower \$350
Asst Tongs with Forge \$10
Beaver (toledo) Bolt and Pipe threader (2" or less) \$200
Landis (HUGE) Threader and Bar twister for up to 1" bar \$500
Torch cable
Welding Tables (4 x 8 - Qty 2 sliding system) \$150
Come alongs/hoists/dollies
Antique scale \$175

Thanks,
Ryan ORourke 610-324-1745

20 years ago I came to NJ from VT where I operated a welding and smithing business. I brought some tools with me with the idea that I might set up a hobby shop here. Alas, it was not to be. Now I'm preparing for another move and am contacting you to see if any of your members would be interested in this equipment. I have:

A 138# anvil, wrought, with a good ring and face. (a perfectionist would reface it)
A 68# post vise, complete and in really good condition.
A Heinrich bench shear, about 3/16 capacity
A quantity of books on smithing & metalworking, both technical & artistic
Assorted issues of "The Anvil's Ring", ca 1980

I don't have a price in mind but if someone could make good use of it all I'm sure we could come to a satisfactory agreement.

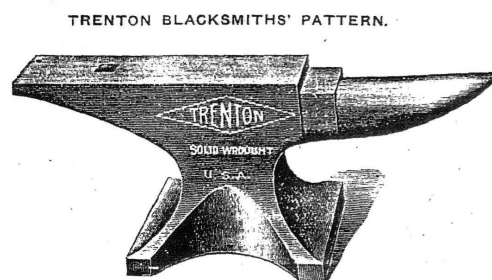
Pete Fink
155 Washington Ave.
Matawan, NJ 07747
Home 732-441-1093
Cell 732-610-2757

Tips and Techniques

When you can't light up the forge - Practice Hammer Control

Learn hammer control by using a board. First, learn to put your hammer print at the same depth, causing a complete hammer mark in the board. Once you've mastered that, learn to tilt your hammer blows to the left, right, forward and heel. Do this until you can do all five steps without thinking about it. This will help you do better work at a faster pace.

Copied from The Forge Fire News Letter - Indiana



Blacksmith Association Tip written by Fred Oden

How much does an anvil weigh?

If your anvil has three numbers stamped on the side, it has been marked using the traditional hundredweight system. A full hundredweight is 112 lbs. Suppose your anvil is marked with the numbers 3-3-8. The first number indicates the number of full hundredweight, the second number indicates the number of one-quarter hundred weight (28 lbs. each). The last number is actual weight in pounds.

Back to those three numbers -- 3-3-8. They equal 428 lbs.

3 x 112 is	336
3 x 38 is	84
plus 8 is	<u>8</u>
	428