

# *The Anvil's Horn*

**A Publication of the Arizona Artist Blacksmith Association**

Issue No. 172    January 2015



*Table by Roger LaBrash donated to the 2014 AABA Auction  
(with a slab of mesquite that Ira Wiesenfeld donated to the 2013 auction)*

# President's Message:

Well it is a new year and since there wasn't a massive write in campaign I am AABA's new president. I like to start each year by asking myself what I want to accomplish in the coming year and then ask myself what I need to accomplish those goals. So I'm going to do the same with you. What do you want out of the club this year? What can you do to help AABA accomplish those wants? Please put some serious thought in to this and let me know – email, call, send a letter, or stop by the forge for some hammer time or some friendly chat.

Happy hammering.

*Paul Dief*

**Your dues for 2015 are due.**

## **AABA OFFICERS and BOARD OF DIRECTORS**

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# **Demonstration Saturday, January 17, 2015 Presidio San Agustin del Tucson**

In cooperation with the Tucson Trust for Historic Preservation and the City of Tucson Parks and Recreation  
Department

## **Demonstrator: Heather McLarty Oddball Forging**

Heather said, " I would like to use those less used types of profiles like channel, angle, sheet or plate, and tubing. I have found that using these materials in my work stretches my creativity and allows me to use steel that I can still lift and manipulate while maintaining visual weight. " (See more on page 4.)

Registration begins at 8:00 AM, the demonstration starts at 9:00 AM.

Registration fee: \$15 for members, \$20 for non-members

- Bring something for Iron-in-the-Hat and the show-and-tell table.
- Hands-on forging opportunities in the afternoon.
- Dry camping or lodging in the house is available at Ira Wiesenfeld's in northwest Tucson. Call Ira at 520-742-5274 for full details and to confirm space.
- Lunch is on your own. There are several restaurants and fast food places in the area.
- Saturday evening BBQ at Ira Weisenfeld's. Maps will be provided.
- There are several places of interest near the Presidio including the Tucson Art Museum, Old Town Artisans, and El Presidio Park with the old Pima County Court House, built in 1929 in Mission Revival style, at the east end, A little further away is the St. Augustine Cathedral with the magnificent grotto and amphitheater done by our own Joe Hernandez.

### **Remember Iron in the Hat**

Thanks to all of you who have participated in Iron in the Hat. By purchasing tickets and donating items, you help support AABA events and projects. Items for donation can be a tool, piece of art, something you don't need in your shop, a great book, t-shirt, hat ... something an AABA member would enjoy.

### **Directions to the Presidio San Agustin del Tucson, 122 W. Washington St., Tucson, AZ**

- I-10 to the Speedway exit (exit 257).
- Take Speedway east to Main Ave. ( 1st light east of the underpasses).
- Take Main south. Main becomes Granada just past the RR grade crossing.
- Take Granada south through the 6th St. light to Franklin (1st street past the 6th St. light.)
- Take Franklin east to Court St. (3rd intersection).
- Take Court south to Washington (2nd intersection)
- Turn east on Washington.
- The Presidio main gate is 1/2 block east on Washintgon. There is no parking in the Presidio grounds, but this block is best for unloading. See map on page 5 for on-street parking.

**As always, safety glasses are required.**



## Our January Demonstrator: Heather McLarty

I discovered steel working while building stage props for live theater. Eventually I gave up my day job to concentrate on making sculptures and functional art from metals. I started by using modern fabrication (cut & weld) then moved backwards technologically.

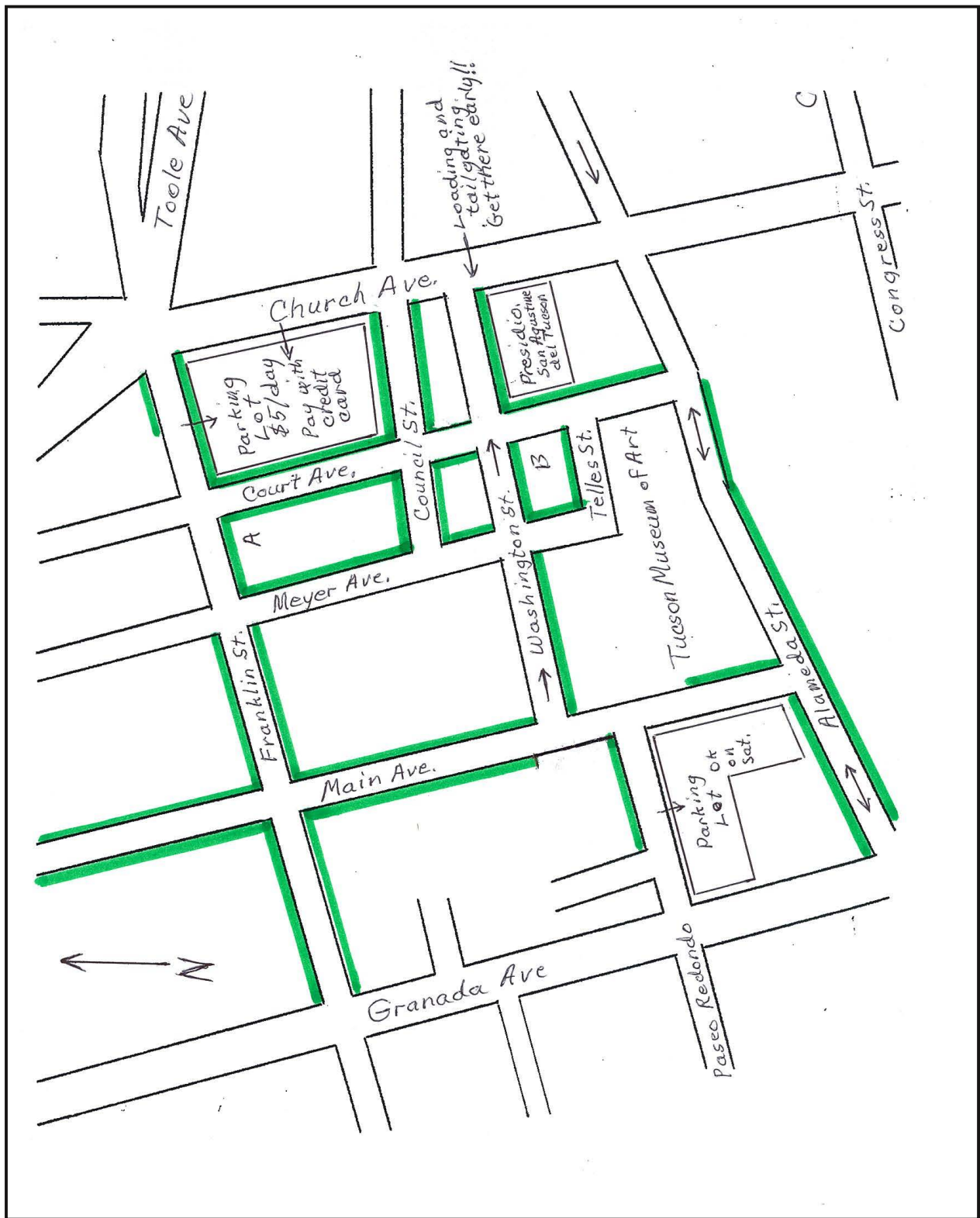
Now as an artist blacksmith it is my joy as well as my job to transform industrial materials into soulful sculpture using fire, anvil and hammers, mind, body and heart. By hot forging, chasing and repoussé, welding and fabrication, whatever tool or technique I can think of, I transform steel, copper, bronze and aluminum into tactile, organic sculpture. Every project is a new adventure.



*Heather in her home shop. (Photo by Jody Miller).*



*Examples of Heather's oddball forging*



Restaurants: (A) El Charro, (B) La Cucina, (C) Subway

### ***Streets and parking near the Tucson Presidio***

*Heavy lines indicate areas of on-street parking that are not restricted on weekends. Some areas have parking meters. Those meters are not patrolled on weekends. Some areas are posted with signs saying, for example, "No Parking Without Permit During Posted Hours". The posted hours for those areas are typically 8 to 5 M-F.. You still need to be careful. There are small sections along those streets that have permanent restrictions.*



## AABA Banquet and Auction 2014

The annual AABA banquet and auction was held at Sahuaro Rance in Glandale on Saturday November 22. Several familiar faces were not seen because they were working other shows that day such as the Hidden in the Hills Tour up in the Cave Creek area and the Big Heap show in Scottsdale. Again this year, Jason LaBrash organized the event with great food, member recognition, and a lively auction of pieces donated by members. The auction raised \$1,759. That money will benefit the Reed Carlock Scholarship fund and blacksmith education.

After the meal, there was a short business meeting. Doug announced the results of the election for officers and board members for 2015. The new line-up appears on page 2 of this issue. After the meeting the 2014 Bill Callaway Award for Outstanding Member Contributions was presented to Cathi Borthwick (in absentia).

The People's Choice trophy was awarded to Roger LaBrash for his table with mesquite slab for a top. (See the picture on the front cover.) The Best in Class for Advanced Class trophy was awarded to Ray Brown. The Best in Class trophies for Intermediate and Novice Classes were awarded to Sarah Harms and Bill Ganoe respectively. *(Photos by Bill Ganoe unless otherwise noted.)*



*Grizz and Jason made the trophies.*



*Presenting the Bill Callaway Award for Outstanding Members Contributions to Cathi Borthwick (in absentia). (l. to r.) Bill Callaway, Ira Wiesenfeld, and Doug Kluender.*



*The Bill Callaway plaque made by Peter Sevin with help from Grizz and Mo.*

## AABA Banquet and Auction 2014 (cont) Members' Contributions to the Auction



*Ray Brown  
Gun Rack  
(Photo by Wally Warnke)*



*Sarah Harms  
Earrings and Pendant  
(Photo by Wally Warnke)*



*Bill Ganoe  
Candle Holders*



*Steve Miller  
Table  
(Photo by Wally Warnke)*



*Peter Sevin  
Candle Holder  
(Photo by Wally Warnke)*



*Maurice Hamburger  
Small Box  
(Photo by Wally Warnke)*



*Peter Sevin  
Picture Frame  
(Photo by Wally Warnke)*



*Dan Jennings  
Stein*



*Terry Porter  
Wizard Bottle Opener*



## AABA Banquet and Auction 2014 (cont) Members' Contributions to the Auction



*Sam Rivera  
Chili Pepper Bottle Openers*



*Maurice Hamburger  
Flower and Vase*



*Craig Riggle, an  
auctioneer and a friend of  
Len Ledet, conducted a  
lively and entertaining  
auction.*



*Michael Sobrado  
Fire Poker*



*Len Ledet  
Candle Holder*



*Peter Sevin  
Belt Buckle*

*All photos of auction items on this page  
by Wally Warnke*

### **A big Thank You to the vendors who donated door prizes**

Cathee Speaks from King Architectural Metals  
[cathee.speaks-foster@kingmetals.com](mailto:cathee.speaks-foster@kingmetals.com), 800-542-2379

Debbie from Sculpt Nouveau  
[info@sculptnouveau.com](mailto:info@sculptnouveau.com), 800-728-5787

Brent Christiansen from Creative Metal Arts (Plasma Cut  
Parts), [metalartsman@comcast.net](mailto:metalartsman@comcast.net)

Arizona Powder Coat  
602-220-0553

Ramzi from The Superior Steel Stamp Co  
[rj@superiorsteelstamp.com](mailto:rj@superiorsteelstamp.com), 216-431-6460

Amy from Pieh Tool Co  
[www.piehtoolco.com](http://www.piehtoolco.com), (480) 626-0924 or 888-743-4866

Also a huge thanks to Craig Riggle for being our  
wonderful auctioneer!



## **Tucson Open Forge November 2014 Super Quench and More**

The November 2014 Open Forge in Tucson was hosted by Harold Hilborn. One of Harold's demonstrations was making an ax from a railroad spike. After he injured his knee this summer, he made a walking stick with a railroad spike ax head for a handle. The second demonstration showed the effectiveness hardening low-carbon steel in Super Quench. Harold forged two small chisel bits from plain old A36 rod. Then he "hardened" one in plain water and the other in Super Quench. The photo below shows that the cold 1/2" square rod made quick work of the plain water bit while the Super Quench bit did some serious damage to the 1/2" rod and still had a usable edge on it.

Some people might ask, "Why use Super Quench when you could just buy steel with the appropriate level of carbon for your application?" Sometimes you just gotta' go with what ya got. And sometimes it's fun to just experiment.



*Harold's ax/walking stick*



*Testing the bits*



*Results. The water cooled bit is on the bottom.*

### **Recipe for Robb Gunter's Super Quench**

5 gallons of water

5 lbs table salt (plain or iodized, canning salt or rock salt, it makes no difference.)

32 oz Dawn Liquid Dishwashing Detergent

8 oz Shaklee Basic I or Simple Green

For a more details, go to

**[www.magichammer.freeservers.com/robb\\_gunter.htm](http://www.magichammer.freeservers.com/robb_gunter.htm)**

## Calendar 2015

January 3	Open Forge	Holy Hammer Ironworks	Tucson
January 11	Open Forge	Desert Rat Forge	Cave Creek
January 17	Demo, Heather McLarty	Presidio San Agustin	Tucson
February 7	Open Forge	Sam Rivera's shop	Tucson
February 8	Open Forge	Desert Rat Forge	Cave Creek
March 21	Demo, Tim Cisneros	Grizzly Iron	Phoenix

### Classes at Pieh Tool Beginning/Intermediate Classes with Gordon Williams

Jan. 23 - 25, 2015

Feb. 13 - 15, 2015

Mar. 6 - 8, 2015

\$455 for three days of classes at Pieh Tool in  
Campe Verde.

For complete details call 928-554-0700 or browse  
to [www.piehtool.com](http://www.piehtool.com).

### Deadline for the March issue

January 31 is the deadline submitting photos and  
articles for the March issue of the Anvil's Horn.

Send articles, pictures, etc. by email to:

[editor@azblacksmiths.org](mailto:editor@azblacksmiths.org)

or by regular mail to:

Bill Ganoe, PO Box 40233, Tucson, AZ 85717

### MCC Blacksmithing & Welding

The Mesa Community College blacksmithing  
program is an excellent deal - over 60 hours of  
instruction including material and propane!  
Saturday (Jaime Escobedo instructor) and evening  
classes (Dan Jennings instructor) are available.  
Blacksmithing is WLD 103.

TIG, MIG, Arc, Gas, and Art classes are all  
available, as is certification in any of those  
welding methods at Mesa Community College,  
Southern and Dobson in Mesa.

Classes fill up early. For more information go to:  
[www.mesacc.edu](http://www.mesacc.edu)

If you try to register for any Welding Department  
classes on line, and you find all the classes are  
closed (full). Contact me (Dan Jennings) at  
[danshammer@cox.net](mailto:danshammer@cox.net) with the class number  
(time and days) of the class you'd like to take - I'll  
get an override number so you can sign up.

### Coal order

The AABA Coal Buy Preorder for 2014 is over.  
The coal was delivered in mid-April. We still have  
several tons available for purchase starting at \$25  
for 50 lbs. Larger quantity pricing will be  
determined on a case by case basis. Please contact  
Michael Sobrado at [dragonforge1@cox.net](mailto:dragonforge1@cox.net) with  
your inquiries.

# AABA Website: [www.azblacksmiths.org](http://www.azblacksmiths.org)

## Open Forge: Tucson

Harold Hilborn will be hosting an open forge on Saturday, January 3, 2015 from 9 to noon.

Holy Hammer Ironworks,  
5870 E 14 St., Tucson  
520-603-6723 or [hhiborn@aol.com](mailto:hhiborn@aol.com)

## Open Forge: Desert Rat Forge

Paul Diefenderfer will host an open forge on the second Sunday of each month from 9 am to noon, followed by lunch (You gotta' buy your own.) at the world famous Big Earls Greasy Eats in Cave Creek. Desert Rat Forge is at: 40218 N. 78th St. Cave Creek. 602-509-1543 or [dief@phoenixrockgym.com](mailto:dief@phoenixrockgym.com)

Directions: From the center of Cave Creek (the 4-way stop at Cave Creek Rd & School House Rd.) head north on School House 1.5 miles to Highland Rd. (If you get to the 4-way stop at Fleming Springs you have gone a tad too far.) Turn right (east) on Highland. After about 1 mile the pavement ends. Keep going on the gravel road until the pavement starts up again. Turn right through the stone walls down a paved driveway. You are there!

## If You Are Attending An Open Forge...

You might not be aware but this, but these events are not funded by the AABA . They are hosted by our members for all of our benefit. So if you participate in forging ,welding, use shop materials, or accidentally damaged something. Please offer do donate to help out or help with the cost of replacing a item. Thank you! From all of your open forge hosts.

## Gordon Williams Blacksmith School

Gordon Williams teaches the regular 3-day classes at the Pieh Tool shop in Camp Verde. He is also teaching short (4-hour) classes and intensive 6-day classes at his shop near Camp Verde. Check out the details at [www.gwblacksmithschool.com](http://www.gwblacksmithschool.com)

## Time to renew

Your 2015 AABA membership dues are due now. If you haven't already paid for 2015, please renew now. You can send a check to Terry Porter. Use the membership form below, or pay at the January demo. Or you can pay on line through the AABA web site at [www.azblacksmiths.org](http://www.azblacksmiths.org).

## AABA Membership

Benefits for members include:

Reduced registration fees at demonstrations and workshops

A one year subscription to the bi-monthly newsletter, *The Anvil's Horn*

Connection to members throughout the state who can answer questions and give advice.

Free classified ads in the *Anvil's Horn* and on the AABA web site.

email notices when event details change or new events are scheduled on short notice.

### AABA New Member and Membership Renewal Form

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_ Email \_\_\_\_\_

Professional blacksmith \_\_\_\_\_ Hobbyist \_\_\_\_\_ Farrier \_\_\_\_\_ Blade smith \_\_\_\_\_

Your main blacksmithing interest \_\_\_\_\_

Occupation or skill \_\_\_\_\_

Please check one:

Regular membership (\$35) \_\_\_\_\_

Family membership (\$40) \_\_\_\_\_

Mail to: Terry Porter  
2310 E. Melrose St.  
Gilbert, AZ 85297

**Make Check Payable to AABA**



# Call to Artists

## Tohono Chul Park

The Tohono Chul Park in Tucson is considering an exhibition next spring. No details yet, but if you are interested in participating, keep an eye on the Tohono Chul web site, <http://www.tohono-chul-park.org>, as 2014 draws to a close.

You can sign up for emails containing exhibition opportunities including calls-for-entries. Go to <http://www.tohono-chul-park.org/upcoming-events>, click on "subscribe here" for artists, and select the *News and Opportunities for Artists* email list.

You can also check with a member of the AABA Exhibits Committee: Cathi Borthwick, Steve Miller, or Ira Wiesenfeld.

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## Tucson Iron and Metal Art Show and Sale

Found object art

Showcasing the work of SE AZ artists who use recycled metals as major elements of their work.

### Date/Time/Location

Sunday, March 8, 2015, 10:00 AM - 5:00 PM

Tucson Iron and Metal, 690 E. 36th Street, Tucson, AZ 85713

### Details

- Artists will be allotted 15' x 15' spaces
- \$10 space fee
- Setup on Sunday morning from 8:00 - 9:45 AM
- Takedown Sunday after 5:00 PM
- Artists to provide their own tables and displays
- Artist parking will be in adjacent property

### Promotion

Tucson Iron and Metal and artists will be provided with jpg and pdf flyers and asked to promote the event via social media and email. No physical flyers or postcards will be produced.

### Contact:

Greg Corman

520-603-2703

[greg@cormanart.com](mailto:greg@cormanart.com)

## Ready for a Murphy Event?

By Ned Digh

A Murphy event, always at the most unexpected time, and with unexpected results is a plague to all shop owners. We usually take winterization in our stride, getting equipment ready for cold weather as winter approaches, maybe outside equipment first and deal with in shop items later before extreme temperatures occur. With a large shop, a written checklist might be in order but in practice, most members do it automatically as cold weather approaches.

Jump from winterization to a major disaster like fire or severe weather destroying your shop or equipment. An important question is: do you have an inventory and is it current? Shop equipment and assets tend to grow as buying opportunities occur and newly acquired items may not get added to your written inventory. In case of an insurable loss (es) what and how can you prove to the insurance adjuster that you should be reimbursed for losses. A detailed and itemized inventory is difficult to produce from memory after a catastrophic loss occurs.

In addition to the above, several questions that would be appropriate to consider: 1. If you had an unexpected absence, who would winterize and secure your equipment? 2. Would that person know what to do, for example: are water valves, circuit breakers, and heat sources marked

with numbered or labeled tags for identification? 3. Would that person know how to provide physical security for your shop and equipment?

This subject probably brings up more questions than answers but it is of importance to all with significant investments in a shop and equipment. Off the cuff explanations like "just insure your equipment to the hilt and don't worry about it or let the insurance company take over. Casual comments like that do little good when disaster strikes, if your shop is damaged or lost and you are trying to make an inventory from memory. A couple of examples, maybe exaggerated but expand to your own situation: good forging hammers are not cheap, how many do you have? Consideration should be given to minor but expensive items, ie: how many drill bits or sockets do you have?

The major difficulty with a shop inventory is keeping it current, it takes time to itemize equipment or to add to a written list when an item is purchased. Some people may keep hand written notes and inventories but keep them in the shop, with potential to be destroyed when disaster occurs.

With cameras and photographs now cheap, a three ring binder of photographs could save a lot of frustration if a Murphy visit results in disaster. A simple and routine system could be to photograph some items each week or each month, perhaps make a duplicate notebook to provide to an insurance adjuster if the need arose. This may seem mundane but how much

trouble would it be to lay out all tongs one week and all sockets w/accessories another week. A good procedure would be to insure that your camera records a date on the photograph.

Depreciation of value can be an unpleasant subject when an insurance adjuster is establishing value at the time of the loss and might ask questions like: when did you buy it or how long have you used it, how much did you pay for it. An additional unpleasant situation is sometimes a misunderstanding of what the insurance agent said or you thought was said and the fine print of the insurance policy. A case in point, my insurance agent told me if my welder was lost, the adjuster would tell me to "just go but a new welder", my question now is how much will be paid on a new welder because my old AC welder is 40 years old and I paid just over \$100 for it, new at that time. These questions can go on and on but our best protection and preparation is to have a current and complete inventory. Some shop owners might prefer to store inventories by use on a computer, if so a back up copy on a flash drive would be a good procedure. An advantage to hard copy photos in a three ring binder is that notes can be made on the photograph with a sharpie, ie: date purchased or rebuilt, cost, etc.

BAM membership is composed of resourceful and thought provoking people. Perhaps future articles will discuss inventory systems which would be beneficial to all.

*Reprinted from the Newsletter of the Blacksmiths Association of Missouri, Jan/Feb 2014*

### Hints and Tips

Dish soap and coffee grounds make a great cleaner for scrubbing dirty hands. -- Sarah Harms

Dish soap in a quench tank helps to minimize the scale on finished work pieces. -- Bill Ganoe

I donated two of my chili pepper bottle openers to the auction this year. I was told that there were some questions about the finish. After grinding and cleaning, a metal dye was used for coloring the pieces. It was powder diluted in acetone from Pylam Products of Tempe, AZ, applied with a brush. The protective finish was a clear, industrial 2 part urethane called Devthane from Devoe Industrial Coatings. I was told that it was extremely durable product. My last batch was finished with coats of Penetrol, which didn't hold up well over extended use, so I decided to give Devthane a try. The man I purchased it from told me a lot of ornamental iron guys in Tucson were using this product to seal their steel projects. -- Sam Rivera

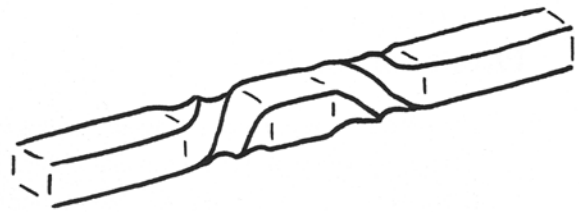
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If you have a tip to share with other readers, send it to the editor. A sentence or a paragraph is all you need.

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# Tooling *The Double Twister*

story & photos by Jim Jacobs, Nevada City



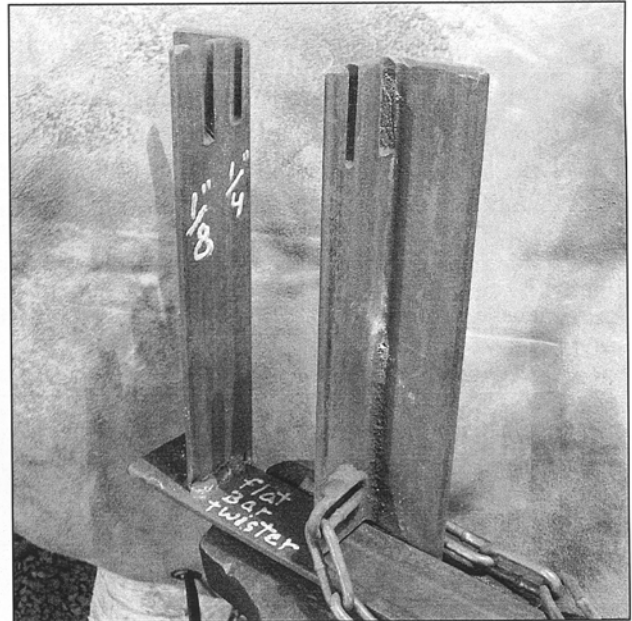
*Make both twists with one action.*

A quick and easy jig to help you make an even, symmetric double twist with only one twisting motion required. This article will describe two versions of the double twister: one for square stock and one for flat rectangular stock.

The idea is to have a fixed slot on each end of the double twist to capture the stock and then put a crescent wrench in the center to twist both sides at once.

## Flat Bar Twister

This version is adjustable, made of  $1\frac{3}{4}$ " x  $1\frac{3}{4}$ " x  $\frac{1}{4}$ " angle. The uprights are 10" high with slots sawed into them to accept the  $\frac{1}{8}$ " or  $\frac{1}{4}$ " flat bars to be twisted. The slots can fit slightly loosely to the bar. Don't forget to relieve the corners of the slots.



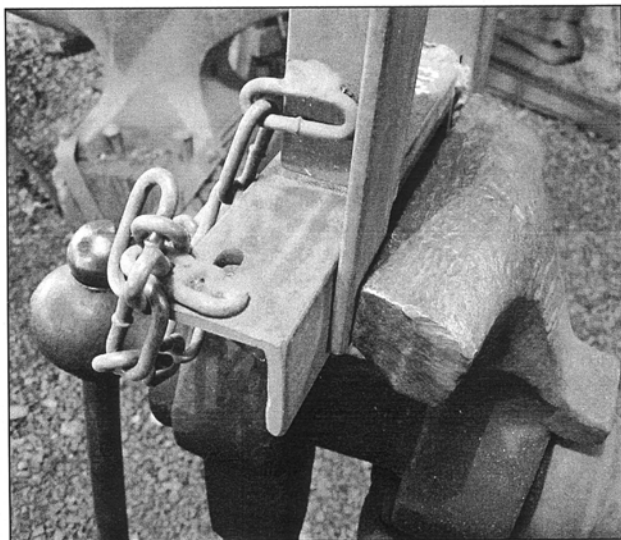
The height of the uprights should be chosen long enough so that your twisting wrench will clear the base.

The base is another piece of  $1\frac{3}{4}$ " angle. Note that the upright is welded on one end only. Set the spacing between the uprights to fit your project, and then clamp in the vise.

One upright is fixed, the other movable.

To keep the parts from getting lost, there are two chains welded onto the baseplate. One chain is there to keep the movable upright attached.

The other chain attaches to a spacer plate. It is used when the separation of the uprights is wider than the vise jaws.





## The Double Twister

### Square Bar Twister

This jig has fixed spacing between the ends of the twists, but allows for a variety of different sizes of stock:  $\frac{1}{4}$ ",  $\frac{3}{8}$ " or  $\frac{1}{2}$ ". The length of the twisted section is fixed at  $3\frac{1}{2}$ ".

Construction of this jig was different: scraps of square bar were welded on the bottom to 2" wide sections of 6" heavy-walled square tubing. To insure clearance for the bar when I went to weld, I inserted the bar plus a *thin* piece of cardboard shim to give a bit of extra space.

The square tubing sections are welded at the bottom to a piece of angle iron, which can be held in the vise.

If I had it to do over again, I would make the spacer bars longer and then weld from the bottom side. While the cardboard spacer is important for clearance when welding up the jig, don't make it too thick as too much clearance means that the bar will slip.

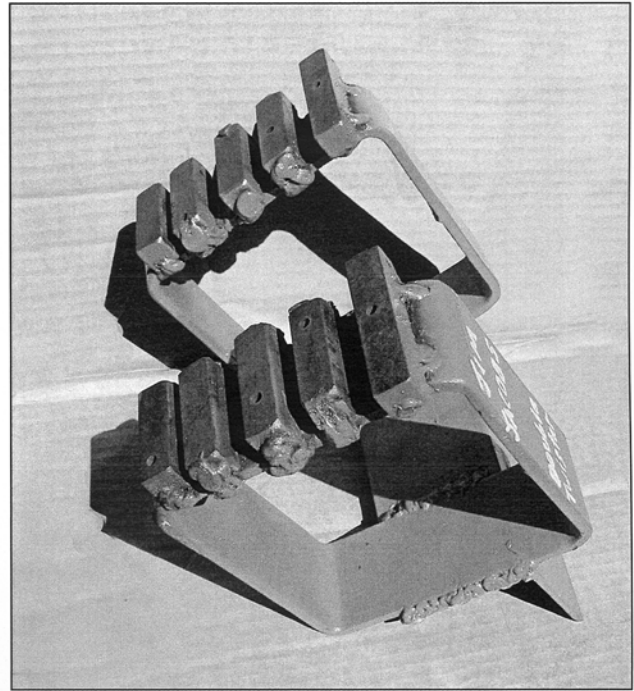
### To Use Twisting Jigs

Heat the bar evenly through the section to be twisted.

Drop the hot bar into the appropriate slot in the twisting jig.

Use an adjustable crescent wrench to twist at the center. Start at the bottom of the stroke and go all the way over to the bottom on the other side. Going all the way helps make a nice even clean twist.

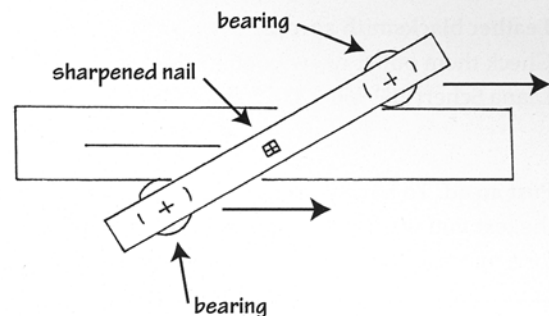
These jigs are in almost daily use at the Empire Mine Blacksmith Shop in Grass Valley. I find that with the flat bar twister, just going from one side to the other makes a nice clean even twist. More rotations seem like overkill. ♣



### Another Neat Tool *Center Finder*

This tool is used to mark the center of the bar so that a line can be chiseled down the center. Such a chiseled line gives a nice look to a twisted section.

The tool consists of a piece of flat bar with a sharpened cement nail welded halfway between two bearings. By pressing the ends tight against the bar to be twisted, you can easily mark the center of the bar.



*Reprinted from the California Blacksmith, November/December 2014*

## **April 23-26, 2015 the California Blacksmith Association (CBA) will host the Western States Blacksmith Conference in conjunction with the CBA Spring Conference.**

### **Featured Demonstrators:**

Alfred Bullerman – Germany  
 Assisted by Scott Lankton – Michigan  
 Leonard Urso – Large Copper Sculpture -Rochester Inst. of Technology – Rochester, NY  
 Dean Mook – North West Design – Seattle, Washington  
 Kirk McNeill – Sculpture – Freedom Forge – Santa Cruz, California  
 Megan Crowley – Pipe Forming – Dolores, CO  
 Daryl Meier – Meiersteel, Knife Making – Illinois  
 Phil Baldwin – Knife Making – Washington State

### **Power Hammer Workshops(beginners & advanced smiths):**

Mark Krause – California  
 Frank Trousil – California

### **Hands-On Workshops by:**

Mark Asperry – Everywhere  
 Darrel Nelson – Washington State  
 John McLellan – California

### **Gallery**

### **Auction**

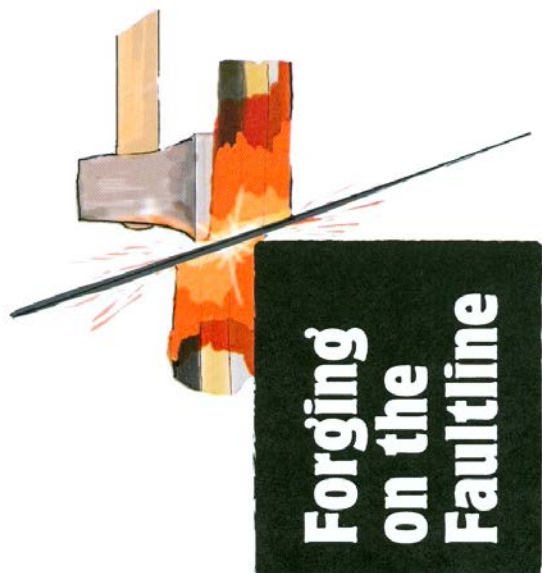
### **Iron-In-The-Hat**

### **Vendors**

### **Tailgate sales**

### **Registration information and program details:**

Check the California Blacksmith Association web site, [www.calsmith.org](http://www.calsmith.org)



Hosted by  
 California Blacksmith Association

**April 23–26, 2015**

San Benito County Fairgrounds  
 Hollister, California

Put it on your calendar now!

# Artist-Blacksmith Association of North America

Blacksmithing, the cornerstone of all crafts for centuries, has come back to life. Once rendered nearly obsolete by the Industrial Revolution and 20th Century technology, this ancient craft has undergone a contemporary renaissance. A new appreciation of the honest, enduring qualities of forged metal has developed.

At the heart of this revival has been the Artist-Blacksmith's Association of North America, Inc., a non-profit educational association dedicated to the dissemination of knowledge about the art and craft. Started by a handful of isolated blacksmiths in Georgia in 1973, ABANA now serves nearly 4,000 members.

As part of your Membership Benefits you will receive 4 issues of the Anvil's Ring and 4 issues of the Hammer's Blow Magazine each year you are a member. These magazines can not be subscribed separately but are only received by our members. We have recently added a youth membership at a reduced rate, this membership available to those 18 or under includes a subscription to only the Hammer's Blow magazine.

## ABANA New and Renewed Membership Form:

Name: \_\_\_\_\_ Membership ID# \_\_\_\_\_  
for renewals, if known. (Not required)

Street: \_\_\_\_\_ City: \_\_\_\_\_ State/Prov: \_\_\_\_\_

Zip/PC: \_\_\_\_\_ Country: \_\_\_\_\_ Phone: (\_\_\_\_) \_\_\_\_\_

Email: \_\_\_\_\_ Website: \_\_\_\_\_

☐ New

☐ Renewal      Type \_\_\_\_\_ Amount \$ \_\_\_\_\_

Card Number \_\_\_\_\_ Exp. Date \_\_\_\_\_ CVVS \_\_\_\_\_  
\_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_

ABANA Affiliate: \_\_\_\_\_

Credit card orders can be faxed, be sure to sign this form. Fax: 423-913-1023

Mail to: ABANA, 259 Muddy Fork Rd, Jonesborough, TN 37659 USA

(Please pay by Check, U.S. Money Order or Credit Card)

Phone: 423-913-1022 or join online at [www.abana.org](http://www.abana.org)

### Membership Rates

Type	1 yr	2 yr
Regular	55.00	105.00
Senior	50.00	95.00
Foreign	65.00	125.00
Student(Full Time)	45.00	85.00
Youth (18 and Under)	20.00	
(Hammer's Blow Only - Non Voting Member)		
Contributory	150.00	and UP
Educational Institute	250.00	

*The Arizona Artist Blacksmith Association is an affiliate of the Artist-Blacksmith Association of North America.*



# Classifieds

Classified ads are free to members and can be submitted by email to: [editor@azblacksmiths.org](mailto:editor@azblacksmiths.org)

## Marketing Assistance

Blacksmith's Wife Marketing provides marketing and promotional services, in both digital and print, to the metal working community. Also providing website design and consulting services. Contact April Witzke at (575) 535-4766 or visit [www.blacksmithswifemarketing.com](http://www.blacksmithswifemarketing.com)

### For Sale in Prescott

588 lb. English coachmakers anvil  
Reed 4C combination vise, 6" jaws  
185 lbs.,  
4 1/2" Wilton combination vise  
Miller Legend welding machine on  
trailer with tongue box  
and mounted 4" Wilton vise  
Hypertherm PowerMax 1000  
plasma cutter w/cart, leather  
host cover  
Sahinler SM-50 air hammer w/steel  
base and extra dies

Brian Hughes  
928-717-8247  
[brian@artsmithing.com](mailto:brian@artsmithing.com)

### For sale

B36 103 kg Kolswa anvil, \$1,250  
Fisher 80 lb. anvil, \$225  
Millermatic 200 welder, NO bottle  
or regulator, \$400  
5" post vice, screw replaced with  
Acme thread. \$50

Maurice Hamburger, 602-538-7095

### For sale

2 pieces each measuring 4' x 8' x  
1/8" thick. Arizona rust on them  
but they are not pitted. \$105 each.

Bill Fitzgibbon, Prescott  
928-776-8201 or  
[kyleannf@cableone.net](mailto:kyleannf@cableone.net)

### For sale

Propane forge, 2-burner, made in  
one of Doug Kluender's forge  
workshops.  
Miller Dialarc 250, power source  
for TIG or stick with cables,  
remote foot control, argon bottle  
and regulator  
100 lb. anvil  
Hand shear

Jack Friehe, 623-466-9889



*October 2014 Open Forge at Sam Rivera's shop in Tucson*



*Wild Western Festival at Sahuaro Ranch, October 2014. (left to right) Ronald Wicklund, and Young Smiths Rik Reardon, Peter Jonasson, Daniel Hogg. (Photo by Jay Griffin)*

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## For sale

Victor Gas Rig+ gas saver, includes hand truck, gas saver pedestal and tanks. Tanks are almost full, the hand truck may need new tires. I have the green tool box the victor rig came in. Rig has been kept covered from the weather and is in good, serviceable condition.

\$500 firm for everything

Call Kurt, 602-526-0814 or e-mail, [kperry9823@centurylink.net](mailto:kperry9823@centurylink.net) for more details.

## McLellan Treadle Hammer

The latest design smooth operating straight line treadle hammer. Reduced operator fatigue due to unique shock absorbing treadle design. Save some real money by picking up the hammer in Phoenix. Complete hammer as demonstrated at Skull Valley \$2800.

DIY kit with full plans and hardware \$850.

Doug Kluender 602-818-1230

## Leftovers From The Closing And Sale of My Shop

I closed my shop last May and sold almost all of the stuff. I am left with what was on the floor and now that I have moved and have no place to store the stuff. I am selling the stuff at scrap metal prices. I have some machines also. Here is list: first the electric tools: 1) A bench sander for knife tooling with a 1" belt and a side plate sander. The belt is 180 inches so it lasts a long time—made by United Tools, 2) a bench sander with a new stone and a good wire wheel. The hand tools are: 4 18" tongs and 1 huge tong said made for mounting the steel rims on wagon wheels, 7 hammers with handles and 7 with no handles, two lower hardies and 12 upper hardies, a brass mallet and a lead mallet, 1 side axe head. There are two auger drills with chest pressure plates. I will consider any offer and would like you to take it all at once—you will get a good cut then.

Call me at 480-994-3134 or email me at [rbgilsdorf@gmail.com](mailto:rbgilsdorf@gmail.com).

## Picture Rock Arizona Sierra Banded Sandstone

makes the perfect base for all your forged iron pieces. Awards, plaques, memorials, water features, furniture or anything you can imagine.

Mined in northeastern Arizona, cut and shaped to your specifications.

Terry Horne  
500 E. 38th Ave.  
Apache Junction, AZ 85719  
602-672-7085  
[www.arrowzonastoneworks.com](http://www.arrowzonastoneworks.com)

## Will buy your unwanted blacksmith or horseshoeing tools and supplies.

Barry Denton, 928-442-3290 any day before 7:00 pm.

## Forging Coke for Sale!

High quality L-Brand coke  
\$30 per 50 lb bag

Rodger or Jason, 602-716-9660

## Sources

### Tucson Iron and Metal

Steel, aluminum, stainless, copper and brass for sale by the pound. Open Monday - Friday 8 - 4:30. Also 1st and 3rd Saturdays 6:30 - 8 am. specifically for metal artists.  
690 E. 36th St., Tucson, 520-884-1554

### Bar U Bar Supply

Several 65 lb. & 85 lb. swage blocks for sale. Your source for anvils, post vises, and other new & used blacksmith tools. Barry Denton. ph 928-442-3290 email: [barubarranch@gmail.com](mailto:barubarranch@gmail.com) website: [www.barubar.com](http://www.barubar.com)

### A Copper Rose Metal Art

Chasing/Repousse Pitch  
Debra Montgomery  
[www.chasers-pitch.com](http://www.chasers-pitch.com)

### Brent Bailey.

A blacksmith in California specializing in custom tools and ornamental forgings for artisans.  
[www.brentbaileyforge.com](http://www.brentbaileyforge.com)

### Pieh Tool Company, Inc.

Blacksmith Supplies, Blacksmith Classes with Gordon Williams, Milwaukee, Wilton & JET Tools., Air Hammers, Hand Hammers, Tongs, Books, Coal and Coke.  
661 Howards Road, Suite J  
928-554-0700  
[www.piehtoolco.com](http://www.piehtoolco.com)

### Scottsdale Farrier Supply

Mostly farrier supplies, but has hammers, tongs, and other blacksmith goodies.  
NW corner of Power and Williamsfield Rd., Mesa.  
480-838-4455

### IMS

Full service supplier of steel, stainless, brass, aluminum, copper.  
5150 S. 48th St., Phoenix  
602-454-1500  
3757 E. Columbia St., Tucson  
520-441-5900

### Pacific Insulation Company

Supplier of high temp insulating materials, bricks, Kaowool and other refractories.  
215 S. 14th St., Phoenix.  
602-276-1361

### Vern Lewis Welding Supply

Discount pricing for AABA members. Various locations in the Phoenix area.  
602-252-0341  
Dan, 602-316-4140, for tech support.

### Interstate Steel and Salvage

Specializing in Steel, Aluminum, Stainless Steel, Brass, Copper and some alloyed metals of all types, sizes and shapes. Cutting, Shearing and advanced Flow water jet cutting for all your project needs. Valley wide delivery. Let us quote your next large or small job!  
12129 W Peoria Ave, El Mirage  
602-944-2000

**Arizona Artist Blacksmith Association**  
**Attn: Bill Ganoe**  
**P.O. Box 40233**  
**Tucson, AZ 85717**  
**Address Service Requested**

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**The Anvil's Horn** is the official newsletter of the Arizona Artist Blacksmith Association. Published every other month preceding the bimonthly meetings of the Association, the newsletter is oriented toward anyone interested in blacksmithing and related forms of metal work. Membership is available at the rate of \$30 for individuals; \$35 for families and includes a subscription to the **The Anvil's Horn** for one year. Every attempt has been made to ensure accuracy of information appearing here, but no liability is assumed by the Association, its officers or editor for errors, damages, or injuries resulting from any design, use, construction or application of said information. Uncopyrighted material may be used freely by other similar organization provided proper credit is given. Any copyrighted articles appearing herein should not be reproduced without permission of the author. Matters relating to newsletter submissions, corrections, etc. should be addressed to the editor: Bill Ganoe, P.O. Box 40233, Tucson, AZ 85717, Tel: 520-326-5478, or [editor@azblacksmiths.org](mailto:editor@azblacksmiths.org).

For membership information or address change, contact: Terry Porter, 2310 E. Melrose St., Gilbert, AZ 85297, 480-988-2070, [trp555@prodigy.net](mailto:trp555@prodigy.net)

**Your dues for 2015 are due.**