

The Anvil's Horn

A Publication of: The Arizona Artist Blacksmith Association

Issue No. 156

May, 2012



When Blacksmiths Build Bikes

Gothic Bike
By Joe Hardin

See page 13 for more photos and details

President's Message:

Ok we missed spring again, I thought I saw/ felt it but then summer nudged its way in. I'm not complaining, it's part of living in the Valley of the Sun! We are so lucky to have gorgeous mornings and many very good days and even the days we have to shovel sunshine are so much better than shoveling snow (or so I'm told).

Harold Hilborn and Randy McDaniel put on a great show at Harold's shop. Randy working the crowd with his blacksmithing skills and Harold with a great shop and as I heard (and regretted not staying for) a top notch dinner and bluegrass festival! The day was attended by about sixty people, and what I could see from behind my eye lids, all were having a great time! The lunch was a treat, love not having to go out!

A couple weekends later we had our 3rd annual Iron in the Desert, a show that helps benefit the Doves foundation. A great group that helps elderly abused woman to get out of their current situation. We had eight smiths participate this year, three of them, first timers. I think it was the best show yet, we have learned from the past and the economy seems to be loosening it's belt! See Tyler Adams' write up about this event in the newsletter. Also Tyler and Carrie Adams have volunteered to chair Iron in the Desert for next year. I wish them much success and I will miss working with Gerry Kroloff and Kaye Baker, two of the hardest working/ most passionate ladies that I have had the pleasure of working with.

We are only about six months away from our annual Reed Carlock Memorial auction. I am making a challenge to all our blacksmiths: **"make an item and come to the auction"**. It is a great place to socialize and buy some great art at reasonable prices. And there's fabulous food by John Silvestre and team, BBQers extraordinaire, and a pot luck to boot!

Also, the auction committee has a new challenge for this year's auction. one that divides up the three or four major blacksmithing sections of our state..... Tucson, Phoenix, metro, and Camp Verde..... and not limiting it to those three (Flag join in) Each section would do a group item to donate to the auction. Maybe we can even make a special trophy to go to the best that can be passed on each year by adding the winners with a plaque! This is something we'd like to get feedback on, email me!!

Keep the anvil ringing and the forge hot!

Rodger "GRIZZ" LaBrash

Ed note: How about a Southeast Valley group project? I will volunteer to host or help. Let me know if you're interested in participating.

Dan

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Demo: May 19 at Grizzly Iron Works

1329 W. Lincoln St., Phoenix

Registration begins at 8:00 am. Demo at 9:00 Registration: \$10

The theme/demonstrators: 15 minutes (and then some) of Fame. Several club members will be doing short demos on various topics. You're sure to learn something new!

Tailgaters welcome.

Bring stuff for Iron In the Hat and Show and Tell

Lunch: you can get it nearby

Directions to Grizzly Iron:

Take I-10 to 7th Ave, by the tunnel

Exit on 7th Ave.

Go South on 7th Ave to Grant

Turn right on Grant

Turn right on 13th Ave

Turn left on Lincoln

It's on the left.

The address is: 1329 W. Lincoln St.

Phoenix



*Random photos
to fill the page.*

*Left: photo from
Iron in the De-
sert. I'd guess
Grizz and com-
pany made it.*

*Right: Last
year's Auction
Award made by
Grizz*



March Demo Report: Randy McDaniel

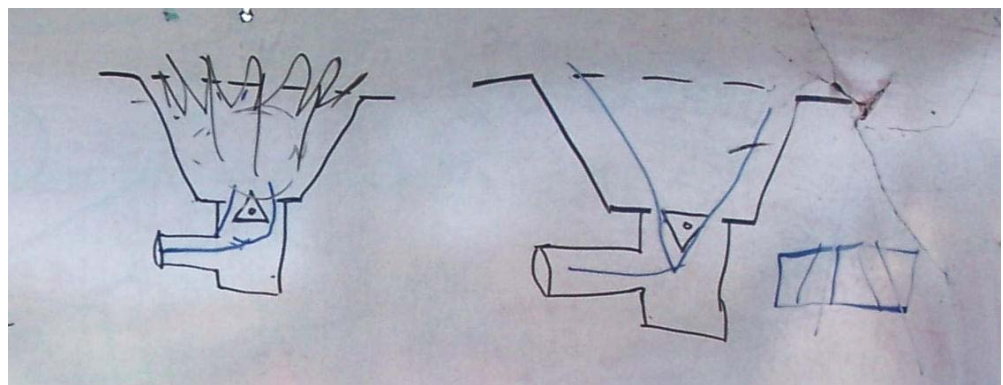
photos by Nick Morvice



Randy did several projects over the weekend.

This Nick Morvice photo essay depicts the steps and tools Randy used to make the cowboy hat.





Randy started the demo with instruction on coal forge clinker breakers. Most coal forges have the clinker breaker in upside down. The point is facing down like the photo on the right. This disperses the flame and makes too large a fire. It should be like the drawing on the left which concentrates the heat.

CALL FOR ENTRIES

Botanical Blacksmiths: Ironwork at the Arboretum

The Arboretum at Flagstaff
July 1 – August 26, 2012

About the exhibition and exhibition locale

The Arboretum at Flagstaff encompasses 200 acres of gardens, greenhouses, and natural habitats. In the summer, it blossoms with penstemons, migrating birds, and visitors! The members of the AABA are being offered the opportunity to show how their ironwork, created for an outdoor setting, blends with and enhances gardens and outdoor spaces. There is room for 20-25 pieces of ironwork that will be displayed throughout the numerous gardens. The weekend of June 30 and July 1 will be an art weekend at The Arboretum when Plein Air painters will be on the grounds and, on July 1, participating blacksmiths are invited to meet the public and talk about their work. While this show is a non-juried exhibit, you are asked to send in the application and details about your work to aid in planning the layout of the show. You can submit up to two pieces. However, if there are an abundance of applications, there may have to be a culling process so please list your work in the order of preference for inclusion into the exhibit. Work may be offered for sale.

Calendar

May 29, 2012 - Deadline for receipt of application
June 25-27, 2012 – Deliver and install ironwork
July 1, 2012 – Artist Meet and Greet in the Gardens
August 26, 2012 – Exhibit closes
August 27-28, 2012 – Pick up work
September 3-4, 2012 – Alternative dates to pick up work

Important Information

- *Artist is responsible for delivery, installation, and pick up of artwork. Arboretum staff and vehicles are not available for artist use.
- *Artwork will be displayed in an outdoor setting. It must be able to withstand exposure to the elements and to the public.
- *Artwork should be suitable for family viewing.
- *Limited security is provided by The Arboretum at Flagstaff. The Arboretum assumes no liability for loss or damage to artwork.
- *Commission on artwork sold is 30%

Questions?

Contact Cathi Borthwick, Flag Forge
928-779-1791
flag_forge@earthlink.net

Application for **Botanical Blacksmiths**

Artist Name_____

Address_____

City, State, Zip_____

Daytime phone_____

Evening phone_____

Email_____

Artwork Submitted

(Images of work are not required but would be helpful if available)

1. Title_____

Dimensions_____

Weight_____

Description_____

Price OR Insurance value if NFS \$_____

Will work be offered for sale? Y N

2. Title_____

Dimensions_____

Weight_____

Description_____

Price OR Insurance value if NFS \$_____

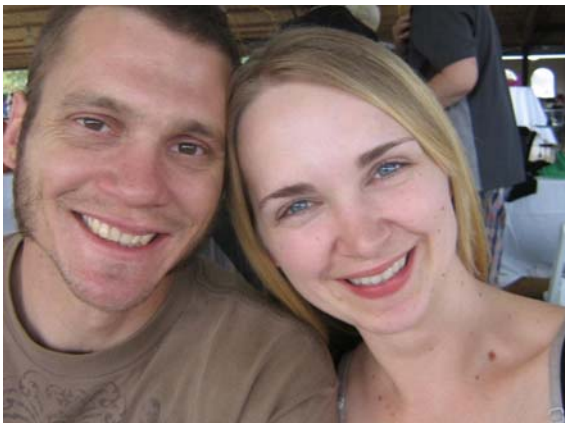
Will work be offered for sale? Y N

Do you plan on attending the July 1 event from 11 a.m- 3 p.m.? Y N

Iron and Art in the Desert 2012

by Tyler Adams

Iron and Art in the Desert was a great success this year. The venue at the SRP's Pera Club was awesome; it gave the feeling that we were a big part of the event. All the artists were in a cozy tent, adjacent to the dining/dancing Ramada. There were food serving stations set up in every corner of the building, each with a different and delicious course. There was live music all night, and good times were had by all. As far as sales, from what I've heard, most artists did better this year than they did last year. It was a great night over all and I look forward to next year.



Tyler and Carrie Adams, the co-chairs for next year's Iron In the Desert.

March Open Forge At Holy Hammer Iron Works

By; Harold Hilborn

We had another great turn out for our March open forge. Here are some of the items that were made this month. Uhls with his mail box stand, Frank with his dinner bell, Pat with her flower sculptures and Camron with his first forged piece, mentored by Eric. Thanks to everyone for coming.



CALENDAR 2012

May 19	Demo	Grizzly Iron Works	Phoenix
June 2	Open Forge	Grizzly Iron Works	Phoenix
July 7	Demo: Jaime Escobedo	Jaime Escobedo's	Payson
July 18-21	ABANA Conference	Fairgrounds	Rapid City, SD
August 4	Open Forge	Grizzly Iron Works	Phoenix
Sept. 15 & 16	Demo	Bill & Karen Morris	Camp Verde
October 27	AABA Auction & lunch	Sahuaro Ranch	Glendale
Nov. 17	Demo	Grizzly Iron	Phoenix
February 16 & 17	Southwest Regional Conference	Mickey's	Las Cruces, NM

Welcome New Members

Paul Jenkins	Chris Mueller
Wally Wilson	Jeff & Vanessa Engle
Kevin Bair	Mike Perry
David Bellis	William & Aaron Mohr
Gary G. Fretwell	

Showcase Your Art

AABA members are invited to showcase their ironwork created for the outdoor environment this summer at an exhibit at the Arboretum of Flagstaff during July and August, 2012.

The Arboretum at Flagstaff encompasses 200 acres of gardens, greenhouses, and natural habitats. In the summer, it blossoms with penstemons, migrating birds, and visitors! July is especially busy as there is an event every weekend including their Soiree, a fundraiser and big party for the Arboretum.

The weekend of June 30 and July 1 will be an art weekend at The Arboretum when Plein Air painters will be on the grounds and, on July 1, participating blacksmiths are invited to meet the public and talk about their work.

This event offers a great opportunity to get the word out about AABA and about blacksmithing in general.

Please see the Call For Entries on page 6 more information.

Deadline: June 5 for the July issue of the Anvil's Horn. Articles, photos, notices, and ads can be emailed to: Danshammer@cox.net or mailed to AABA 2522 W. Loughlin Dr. Chandler, AZ 85224

The AH Needs Your Photos

Thanks to all those who sent info, articles and photos for this issue. It's fun to see what everyone is doing. Don't forget to send stuff for the next issue.

AABA Director Assignments

Tyler Adams
 * Election Committee Chairman
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 * Auction Team Member
 Chris Contos
 Bill Ganoe
 * Assistant Tucson Area Membership Coordinator
 Sarah Harms
 Harold Hilborn
 * Tucson Area Membership Coordinator
 Ivan Hill
 * Merchandise
 * Scholarship Committee Member
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 * Auction Coordinator.
 * AABA Facebook Account.
 * Callaway Award Coordination w/Formers Winners
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 * Scholarship Committee Chairman
 Jim Sheehan
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 * Membership Committee Chairman
 Ira Weisenfeld
 * Committee Member SWABA Conference.
 Gordon Williams
 * Committee member on-line payment method, i.e., Paypal.
Coordinated by non-Director members:
 * Newsletter Editor – Dan Jennings
 * Saguaro Ranch Coordinator – Jay Griffith.

AABA Website: AZ-blacksmiths.org

Open Forge: Phoenix

Grizzly Iron is hosting their monthly Open Forge on the first Saturday of the month. 8:00 am until around noon.

Grizzly Iron, Inc

1329 W Lincoln St., Phoenix, AZ 85007

Open Forge: Tucson

Is suspended until fall.

Vern Lewis Welding AABA Special Pricing

Dan Hurst (ph: 602-316-4140) is our contact person at Vern Lewis. Dan is their tech support and process training specialist. (he also teaches TIG at MCC on Tuesday/Thursday evenings). If you need help deciding on new or used equipment or with a specific welding technique, contact Dan.

AABA member discount is available at any of the 6 Vern Lewis locations, just tell them you're an Arizona Artist Blacksmith Association member.

Mesa Arts Center Classes

New classes start in August, sign up now.

Classes can be searched for and registered for at:

www.mesaartscenter.com or 480-644-6500.

Yavapai College Metals

Jewelry I, Jewelry II, and Advanced Projects are offered on Monday and Wednesday with many open lab hours during the week. New classes start in August.

Contact Chris Contos with any questions:

christopher.contos@gmail.com

Pieh Tool Educational Opportunities

Beginner/Intermediate Blacksmithing Classes with Gordon Williams

Classes for 2012:

May 18-20, 2012

\$455 per 30 hour class. All materials and equipment are provided.

Bill Pieh Resource for Metalwork at Pieh Tool in Camp Verde, Arizona. Contact: 928-554-0700 or www.piehtoolco.com

MCC Blacksmithing & Welding

Sign up now for fall classes

The MCC blacksmithing program is one of the best deals around - over 60 hours of instruction for just under \$450 and that includes material and propane! Saturday (Jaime Escobedo instructor) and evening classes (Dan Jennings instructor) are available. Blacksmithing is WLD103.

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.

If you try to register for any Welding Department classes on line, you might find all classes are closed (full). Contact Dan at 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.

For more info go to: www.mesacc.edu

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 (\$30) _____

Family membership (\$35) _____

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

Make Check Payable to AABA

My Dad

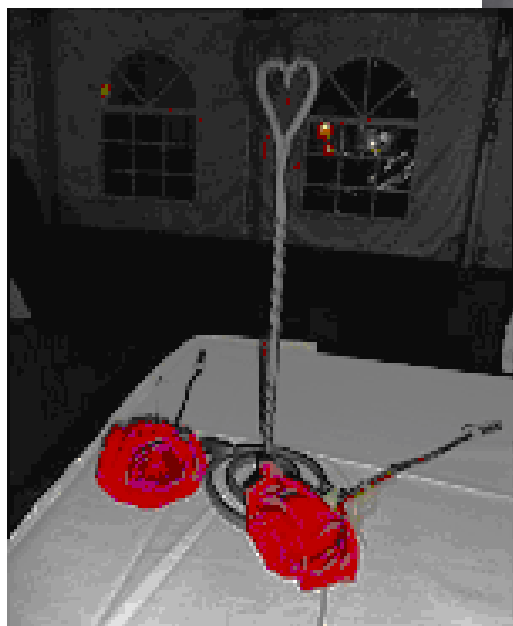
by Rebecca Porter



Hi, my name is Rebecca Porter and my Dad, Terry Porter, is the AZ Blacksmith Association's Secretary. My family wanted to share some meaningful pieces my Dad has designed and blacksmithed for some of our recent family weddings. This story is also a surprise for my Dad as he does not know we are sharing his work.

Wedding 1 (Left): In 2010, my Dad created a holder for my sister Marianne's bouquet of flowers. She was married on the beach in Boca Raton, Florida. She and her husband are both marine biologists, so the starfish stamped with their names and wedding date (10-10-10) is particularly appropriate.

Wedding 2: My Dad's new daughter-in-law Jenn asked my Dad to create the card holders for her center pieces. So my Dad created around 25 completely different unique metal card holders for her center pieces. (Jenn does not like numbering the tables so she labeled them by AZ mountain ranges.) These pieces were available for guests to take home with them. They are currently being used as décor in many parts of the country.



At this same wedding my Dad gave a very sweet speech for his only son, Andrew, and new daughter-in-law, Jenn. In this speech he presented them with a piece he had blacksmithed which was meant to symbolize their lives. The base, which supports the whole piece, is a round swirl representing their travels so far and their new journey in marriage. Up the trunk of the piece there are two different twists. One twist represents Jenn and the other Andrew. The different twists represent how they are different people with their own interests. The twisting branches meet in the middle, where their wedding's date is stamped into the piece. Even though they are different in many ways, as shown by the many twists and turns, they will always have their love, common interests, and the life they have built together. So the apex of the piece is a heart since every day they will be on their journey together with love. The speech was AMAZING and this quick synopsis does not do it justice!!

Joe Hardin's Gothic Bike Build

Many AABA members may not know Joe. He lives in Holbrook and does not make many of the demos. Some may recall seeing some of his work in the Anvil's Horn galleries or remember that he somehow managed to utilize his power hammer to seriously reshape his hand.

Joe is an extraordinarily talented craftsman. He's been a welder most of his life, he forges extra big stuff very well, and he is an incredible woodworker. The woodworking is what got him running amuck on this project. He wanted to build some wooden wheels—but then he needed something to put them on and this is the result.

If you'd like to see more of this project, check out RatRodsRule.com search for Gothic Bike Build.



Here's what started it all. You can't tell by looking at them (even up close) but the wooden spokes are actually overlays on an aluminum wheel. Joe didn't want to take the chance of a wooden wheel coming apart at 70 mph.



Here's the blacksmith tie in. The oil tank, the gas tank, and the fenders all have overlays with hammered edges and rivets. (The rivets don't actually penetrate the tanks.) The cnc plasma cutter was a big help in getting the overlays cut once he figured out the shape to cut (the shape was the hard part especially for the gas tank).

Joe designed and built his own frame and tanks. The levers are wrapped with braided leather like a lariat.



Monkey Wrench Collar Tool

By Carl Davison

Wooden handled monkey wrenches, given a second handle in some fashion or other, have long been used by blacksmiths for twisting wrenches. The jaws are also sometimes rounded to be used as an adjustable bending fork. Below is another use for this old, too often cast away antique marvel.



Open the jaws to the thickness of what you plan to collar plus 2 times the thickness of the collar material.



With the registration stop set so your collar material is centered over the jaw opening, put the heated collar stock in place.



The squared punch must be the same width as your pieces to be collared.



Work quickly, "Strike while the iron is hot"



Reprinted from the Northeast Blacksmiths Association Newsletter

Monkey Wrench Collar Tool Assembly

Cut a piece of $\frac{1}{2}$ " sq. by $1\frac{1}{2}$ " long and drill through the center the size of rod* you will use for the registration rod.
*5/32" used

Cut the piece in half, drill and tap* a hole for a locking screw. *6-32 used

Bend and flatten the registration rod.

With a piece of scrap rod through both blocks to keep them lined up, braze them in place on the wrench jaws. Be sure to place the front of the blocks about $\frac{1}{16}$ " in front of the bar connecting the top and bottom wrench jaw.

Grind a slight radius to the top of each jaw.



Shaft type handle wrench with wood removed

Some wrenches have a shaft that runs through the wooden handle. Unscrew or cut the bottom lock nut from the handle removing the wood to expose the shaft. To attach the hardy stock drill a hole through the top of the stock the size of the wrench shaft. Cut the wrench handle shaft leaving enough protruding through the hole in the hardy stem to be peened over like a rivet.

For wrenches that have a knife handle remove the wood from the handle. Weld the hardy stem onto the wrench and cut off the excess handle metal.

Whistles

By Dave Wells

2/2012

A friend of mine seen a whistle that a fellow blacksmith made. The friend was trying to replicate the whistle and the resulting sound. I didn't know squat about whistles, but thought I would help him. I ended up researching whistles on U-Tube (Broadcast yourself). Although they didn't have metal whistles, there were all kinds of information on how to make whistles, (mostly using wood and some on P.V.C. as a material.)

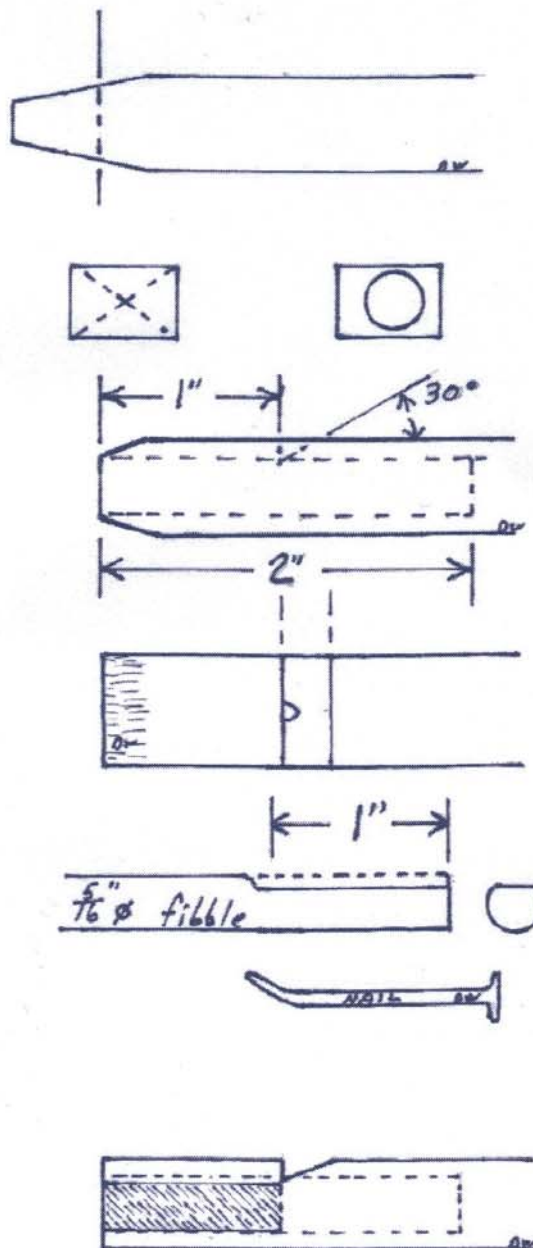
Following is the results. This is a fun project and very addictive. I bet if you try this, that you don't make just one.

On the first whistle I used a rail road spike.

- (1) Reduce the end by cutting part of the taper off.
- (2) Drill a hole to depth desired. The hole needs to be at least past the 30 degree angle your going to cut with a hack saw. To start with the drill depth (shoot for 2 inches.) **Note:** I've used 3/16, 1/4, and 5/16 holes. 5/16th holes are my choice for various reasons. I used a drill one size smaller than 3/16th.
- (3) From the end make a vertical cut. Cut slightly into the hole. Be careful doing this, the slivers of metal being cut remains in the cut area and is deceiving. I used a hack saw, and checked the inside of the hole using a sharp object as a wire, nail, etc.

Note: If you cut way to deep. You probably should start all over by cutting the vertical on through the stock, re/drilling etc.

- (4) Clean out any loose material, burrs etc. around the hole and intersections.
- (5) Now make a plug to fit the hole. I do this using a longer piece than needed. Using a belt sander and working the stock to fit the hole. A slightly tight fit is desired. This can be a tapered fit with only one end being tight. This allows the plug to remain in the hole and restricts air flow. You may need to remove the plug for adjustments; this is why a real tight fit is a hindrance.
- (6) File a flat down the plug length. A flat of 1/16th is desired. A little more is ok. Also a little deeper at the in board depth is good. Remembering you need 1 inch, so file a little longer than needed. The plug with the flat is called the "fibble",
- (7) Cut the fibble off to length. The end needs to be flush with the vertical cut. **Note:** If you're using a long piece, be careful. The cut material may fill in the flat of the fibble. This restricts air flow. Cut from the top down.



drill 19/64\"/>

Reprinted from The Forge Fire. newsletter of the Indiana Blacksmith Association

Whistles

By Dave Wells

2/2012

Continued

- (8) Install the **fibble**. Blow into the hole and check for the sound. If no sound, shine a light at the slot, looking through the end. No light? The flat is restricted. Remove the **fibble** and file more on the flat or check for burrs. **Note: This is why a real tight fit is a hindrance. To remove the fibble you need something curved. I grind the sides of a 16 penny nail, bend a curve, and use this to drive the fibble out enough to grab and pull out completely.**
- (9) Reinstall and check. Now that my whistle is made, I decided to add more to the spike. I forged a Chinaman, a deserving remembrance to those that helped build the rail roads out in western America.
- (10) Wire brush, clean and spray with a clear lacquer. I sprayed the inside also. This helps preventing rust from saliva from blowing the whistle.

Second Whistle: Using round stock.

I have some round stock that has a slightly larger hole than $\frac{1}{4}$ inch diameter down the length. Kenny Dettmer put this in iron-in-the hat. I thought this would be great to use. I drilled this out to fit a 5/16 **fibble**.

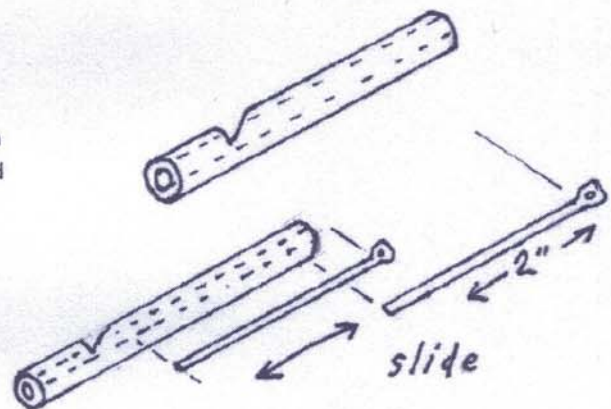
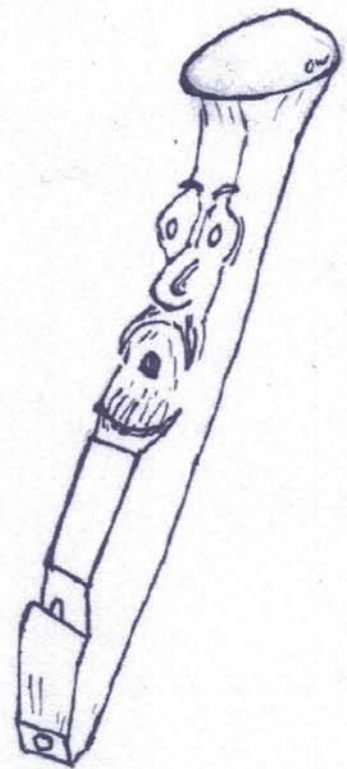
I made these whistles the same as before, **fibble**, vertical cut, 30 degree angle, etc.

One whistle I just used my finger to close the hole on the open end. On the other whistle I drilled the hole to 5/16, sliding a 5/16 rod in and out, creating different tones. Sounding similar to a kazoo.

Note: Blowing on the **fibble** creates saliva. Saliva creates rust inside. I used a brass rod to replace the steel rod. Not necessary. It is a good idea to keep this whistle. Use it to determine the sound you want for your whistles. Different depths of the hole for different tones.

Deep Hole = deep sound
Shallow Hole = high sound

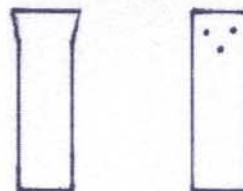
As I said, this is addictive. I bet you don't make just one.



round material is $\frac{1}{2}$ x $\frac{17}{64}$ ID

I used $3\frac{1}{4}$ \" length

*out board
SIDE*



*in board
SIDE*

*To fix a slight
loose fit
upset one end,
or center punch
fibble.*

Member's Gallery: Gordon Williams



Classifieds

Classified ads are free to members and can be submitted by email to: danshammer@cox.net

Sales Tent like you see at Craft Shows. Specifications:

1. 10' by 10' folding tent
2. 10 shelf racks 3' x 5'6" 1" box tube
3. 38 aluminum shelves 3' by 9"
4. multi colored pastel cloth back drops for racks
5. Aluminum boxes store everything but the racks.
6. Rods for holding back drops in place.
7. Shelf brackets for all shelves.

Call and I'll Email you pictures
Dave 520-663-1896
\$195.00

Treadle Hammer \$300
Custom hammers your shape or Ray's
Email Ray Brown at lainne@aol.com

S5 Tool Steel for Sale
1", 1 1/4" and 2" Round
12-14" Lengths. \$3 per pound
602-716-9660
Rodger or Jason

Wanted: Wanted- disc plows, low carbon RR spikes, small RR spikes, rototiller and snowblower tines, large horseshoes, wrought iron. Will pay bottom dollar!
Ira 520-742-5274
treeira@hotmail.com

80 pound Kinyon Mark 11 power hammer. Contact Ron for info.
Ron also has air hammer pneumatic kits. Includes cylinder, valves, fittings and hose.
Ron Kinyon 602-568-8276

Satin Shield Quarts

One quart ready - to - use for \$12.00 each. Doug Kluender 602-818-1230.

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 North Eastern Arizona, cut and shaped to your specifications.

Contact AABA member:

Terry Horne
602-672-7085
www.arrowzonastoneworks.com
3960 E Main St. Bldg #8
Mesa, AZ 85215

Sources

Rocky Mountain Smiths have videos available of their conference demonstrators. Most of these are high quality edited, multi-camera videos. For more info go to:
www.rockymountainsmiths.org

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
website: www.barubar.com

IMS (formerly Capitol Metals). Full service supplier of Steel, Stainless, Brass, Aluminum, Copper. 5150 S. 48 ST. PHX. 602-454-1500

Pieh Tool Company Inc.

Blacksmith Supplies, Coal, coke, & Kasenit #1 in 1# cans,
661 Howards Road Suite J
Camp Verde, AZ 86322
888-743-4866 ,www.piehtoolco.com

Scottsdale Farrier Supply

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

MSC Industrial Supply Co. is a mail-order supplier of all kinds of industrial & metalworking supplies. You can get a 4500+ page catalog by calling 1-800-645-7270.

A Copper Rose Metal Art has Chasing / Repousse Pitch
<http://www.chasers-pitch.com>
Debra Montgomery
P.O. Box 212 Dunlap, CA 93621
877-685-7467 toll free

Brent Bailey. A blacksmith in California specializing in custom tools and ornamental forgings for artisans.
www.brentbaileyforge.com

Pacific Insulation Company

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

Blue Moon Press, Ltd.

Metalwork books, some of which are only available through them. Bluemoonpress.org
Toll free ph. 866-627-6922.

Vern Lewis Welding Supply,

Discount pricing for AABA members. Just tell them you're an AABA member
Various Valley locations
602-252-0341 or for tech support:
Dan 602-316-4140

Arizona Artist Blacksmith Association
Attn: Dan Jennings
2522 W. Loughlin Dr.
Chandler, AZ 85224
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 the 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 organizations 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: Dan Jennings 2522 W. Loughlin Dr. ,Chandler, AZ 85224 Tel: 480-510-3569 Fax: 480-839-6339 Danshammer@cox.net

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