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THE FORGE FIRE

The Newsletter of the Indiana Blacksmithing Association, Inc.

An Affiliate Of The Artists-Blacksmiths' Association of North America, Inc.

IBA is a Not For Profit Indiana Corporation recognized by the IRS under section 501(c)(3)

9:30 AM is the regular meeting time for IBA Hammer-Ins
with beginner training available at 9:00 AM.

PLEASE MAKE SURE TO ASK FOR HELP!

**If you would like an IBA membership application form,
please contact Farrel Wells, Membership Secretary
(765) 768-6235.**

BULK LOTS ARE AVAILABLE TO DEMONSTRATORS,
SHOPS, SHOWS AND OTHERS WILLING TO MAKE THEM AVAILABLE.
WE APPRECIATE YOUR HELP.

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More nearby resources and organizations for blacksmiths:

Rural Smiths of Mid-America:
Meetings are on the first Saturday
of each month
Call Ron Gill
317-374-8323 for details

IBA MEETING SCHEDULE

Check the latest *Forge Fire* for monthly IBA revisions.

**Nov 19
2022**

**ROB HOUGH SHOP
ALBANY, IN**

**Dec 10
2022**

**DON REITZEL SHOP
STILESVILLE, IN**

**Jan 21
2023**

TBD

**Feb 18
2023**

**KEN DETTMER SHOP
COLUMBUS, IN**



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Dates to Remember

Nov 19
Hammer in at Rob
Hough

Dec 10
Hammer in &
Board Meeting at
Don Reitzel

Editors Message

The photo of Fred Oden appeared in last month's Forge Fire, but I missed the full story provided by Mark Blosser. Here is the full story behind the picture.

At the 2022 Regional Conference of the Sutton Terock Blacksmith Guild, a special Event happened.

First before we show you what happened, it started 5 months ago with an idea that Tim Pearson had. Next was a secret vote by the membership without Fred's knowledge to use Treasury funds to commission the sign and go ahead with the project. Then Omar Hershberger was charged with locating an Artist with the ability to get the mission done and he came thru with flying colors. Denny Setnor was asked to keep Fred Oden busy from going to the front of the building, as Tim Pearson installed the sign in record time. So we, the Membership of The Sutton Terock Blacksmith Guild have the great Honor to name the newest part of our shop, THE FRED ODEN SCHOOL OF BLACKSMITHING. Congratulations Professor Fred Oden as Dean of the School.

P.S. Fred was dressed as RED GREEN for the conference due to a bet that he wouldn't do it. Never bet against him, you will lose.



IBA website: www.indianablacksmithing.org **IBA Facebook page:** www.facebook.com/groups/IndianaBlacksmithingAssociation/

IBA Satellite Groups and News

1) Sutton-Terock Memorial Blacksmith Shop

Meet: 2nd Saturday at 9 AM
 Contacts: Fred Oden (574) 223-3508
 Tim Pearson (574) 298-8595

2) Jennings County Historical Society Blacksmith Shop

Meet: 2nd Saturday at 9 AM
 Contact: Ray Sease (812) 522-7722

3) Wabash Valley Blacksmith Shop

Meet: 3rd Saturday at 9 AM
 Contacts: Bill Cochran (812) 241-8447
 Max Hoopengartner (812) 249-8303

4) Fall Creek Blacksmith Shop

Meet: 4th Saturday at 9 AM
 Contacts: Gary Phillips (260) 251-4670

5) Maumee Valley Blacksmiths

Meet: 2nd Saturday
 Contacts: Clint Casey (260) 627-6270
 Mark Thomas (260) 758 2332

6) St. Joe Valley Forgers

Meet: 4th Saturday at 9 AM
 Contacts: Bill Conyers (574) 277-8729
 John Latowski (574) 344-1730

7) Rocky Forge Blacksmith Guild

Meet: 2nd Saturday at 9 AM
 Contacts: Ted Stout (765) 572-2467

8) Meteorite Mashers

Contacts: Mike Mills (812) 633-4273
 Steve King (812) 797-0059
 Jeff Reinhardt 812-949-7163

9) Whitewater Valley Blacksmiths

Meet: 2nd Saturday
 Contact: Keith Hicks (765) 914-6584

10) Bunkum Valley Metalsmiths

Meet: 1st Saturday
 Contacts: Jim Malone (812) 725-3311
 Terry Byers (812) 275-7150
 Carol Baker (317) 809-0314

11) Covered Bridge Blacksmith Guild

Meet: 1st Saturday
 Contact: John Bennett (812) 877-7274

12) Snake Road Forge

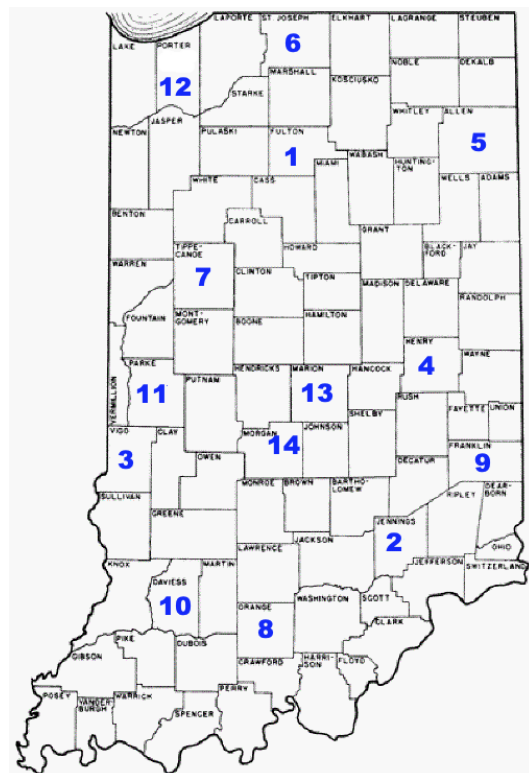
Meet: 1st Saturday
 Contact: Rod Marvel (219) 241-0628

13) Satellite 13

Meet: 4th Saturday
 Contact: Darrin Burch (317) 607-3170
 Doug Wilson (317) 439-7684

14) Old Town Waverly Blacksmiths

Meet: 2nd Saturday
 Contacts: Mike Lyvers (317-728-5771),
 Kenny Hale (765-318-3390),
 Mike Jackson (317-509-9115).



Bunkum Valley Metalsmiths

The Bunkum Valley Metalsmiths met Saturday the 6th we had a good turnout of 25 or so despite high winds and rain. We had several young men working hard to learn the craft including a young man new to blacksmithing. Steve King joined us today and we are always glad to have him there. After a delicious lunch and iron in the hat we decided to continue our annual Christmas ornament/item. Anyone wanting to participate makes either an ornament or Christmas item which we raffle off with proceeds going to the club. It's always great to see the creativity and expertise. We will meet our usual 1st Saturday in December, the third. Everyone is always welcome!

IBA Satellite Groups and News (continued)

Jennings County Historical Society Blacksmith Shop

The Vernon blacksmiths met at Vernon on the 8th of Oct. with the Pledge of Allegiance . Dave Good built the fire and demonstrated the process of making a bottle opener. Dave McNulty made a pair of tongs and drew out the reins on the power hammer . He then tried his hand at forge welding. He made a tool for use under a power hammer (Either a flatter or fuller, depending on how you use it). Dave Good refined a tomahawk head, and made a flint striker. Remember, November meeting will be on the 12 at Kevin Welsh , 25619 Gill Rd., Nabb In. we are looking forward to see his new "toy" in action. bring lots of good iron-in-the-hat. Paul Bray

Meteorite Mashers

This month we met at Jason Bowman's shop in Elizabeth Indiana. The Louisville Mini Cooper club also joined us. We had several forges going and lots of folks hammering away. A nice Iron in the hat was held. Steve King put one of his nice hammers in the iron in the hat (Won by this writer) Jason Bowman put a tomahawk in, and Jeff Reinhardt brought an ammo box marked "Trash or treasure. The box was sealed and no shaking was allowed. The winner wanted the ammo box, and his lady was pleased with the treasure, a twisted copper bracelet.

Our next meeting will be the Saturday after Thanksgiving, held at Jeff Reinhardt's shop in Floyds Knobs and is the now infamous "Smoked Turkey Hammer-in" The entree will be hickory smoked sliced turkey for sandwiches, and a BFH project is planned. The iron in the hat should be big as is usual at the Smoked Turkey Hammer-in.



Non-Traditional Scrolls

GARY EAGLE

2015 Blacksmith Week
Demonstrator

Tips
FOR
YOUR
Shop

A fairly simple yet versatile scroll, one of Gary's favorites.

Draw a taper in flat stock, down to approx. 1/4" tip, about 8" taper. Using a 3/8" fuller in hardy, make 2 divets in one edge of the taper, beginning at the tip.



Gary giving the 'okay wise guy' look to a verbose heckler from Bend, Oregon.

Continue, using a 1/2" fuller, for the rest of the divets, making them gradually larger and farther apart. Straighten the full length.

To scroll over the horn, bend at 90°, then start at the tip, bending a tight curve over the horn, gently curving the length of scroll as desired.

It will want to kink at the fullers, and the resultant scroll is a series of straight lines approximating a curve.

Straighten out the scroll so it lies flat.





A FACETED SCROLL

Knock over 1/4" of flat bar as sharp a bend as possible on edge of anvil.

Always hitting on the flat, continue folding over, 6 turns minimum for the effect. The scroll at the left has 14 turns.

The scroll can tolerate a little bit of gap and still maintain the effect.

To open up the scroll, heat and put in vise, using channel locks to unwind from the outside. Use a fine chisel to pry open the inside.

Variation on the Faceted Scroll

Fold over a length of bar stock and fold as with the simple Faceted Scroll to create a Double Faceted Scroll.



This article originally published in the 2015-3 edition of Hot Iron News, the newsletter of the Northwest Blacksmith Association. The article was reprinted in the 2022-2 edition of HIN.

An Adjustable Length Twisting Fixture

By Jim Carothers

Twisting one item by hand is usually not a problem. However, Getting identical twists in multiple identical pieces can be a challenge. Keeping both free ends in line while twisting the hot middle section is one of the keys to getting a good twist.

This quick fixture helps to get even, straight twists that terminate equally in a repeatable way.

The "H Bar" holds the stationary end of the bar to be twisted while the "chuck" rotates the other end. I've made the H bar and the chucks for both 1/2" and for 5/8" square bar.



The guide bushing is 2" OD x .062" wall muffler pipe.

The "chucks" are 1-1/2" x 3/16 wall square tube. It has a nice large corner radius that just lets it fit into the 2" tubing guide.

The chucks are lined with spacer bars that are plug welded in from the outside.



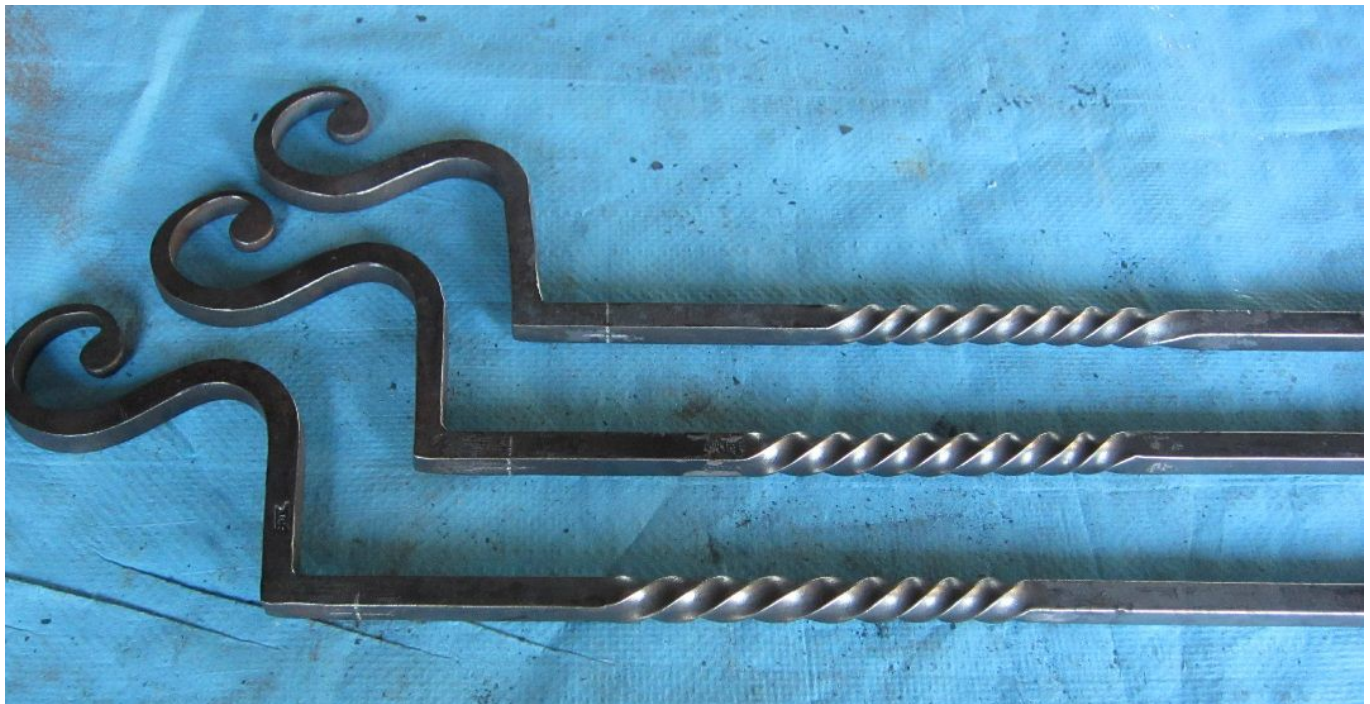
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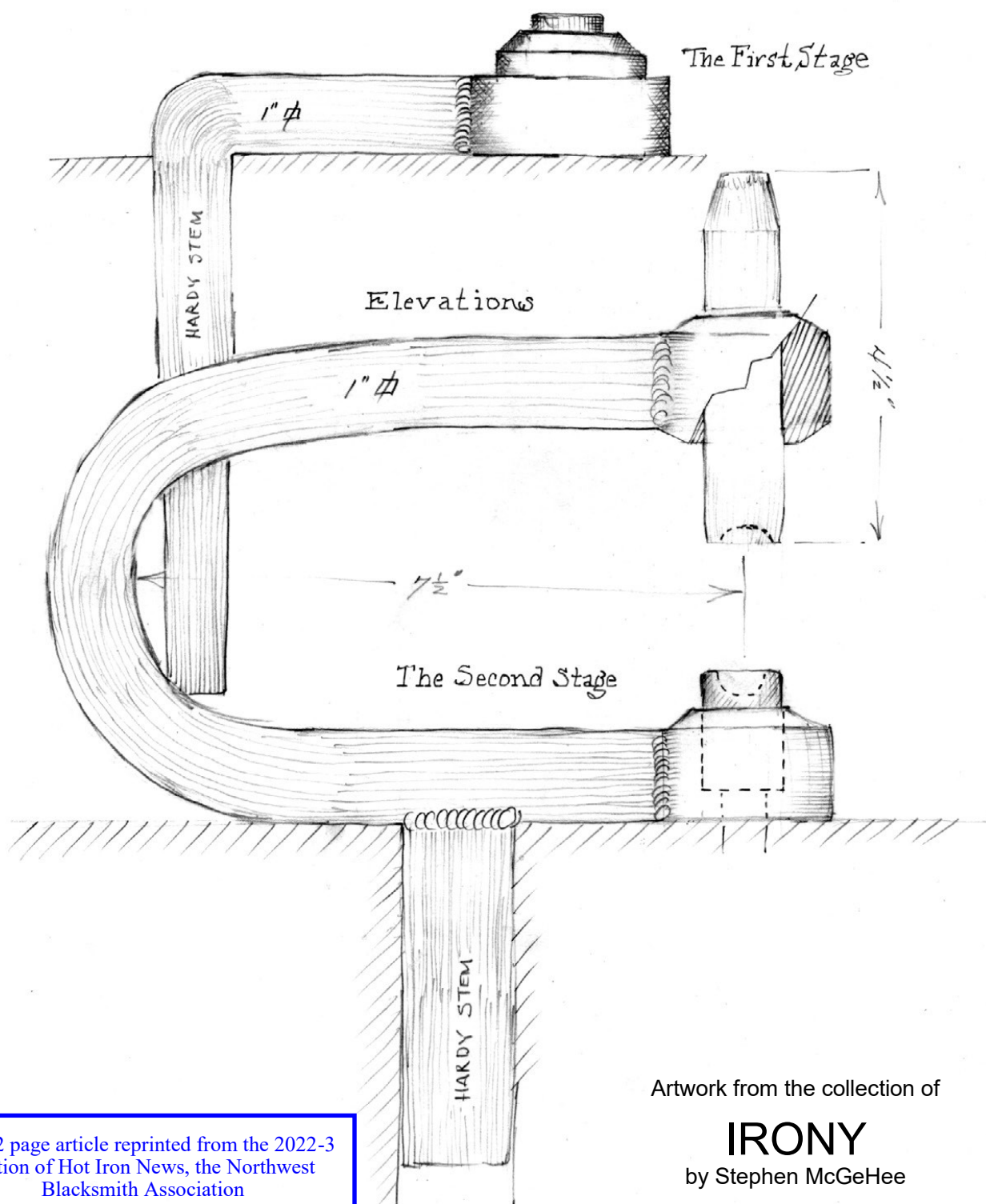
I used a scrap piece of tubing for the backbone. The chuck and the H Bar are clamped to the backbone at the appropriate length for the project.

The legs you see in Photo are for a small round top end table. The twists came out straight with stops and starts nearly aligned on all three legs.

Jim C.
(Photos by Jim Carothers)



RIVET SETS



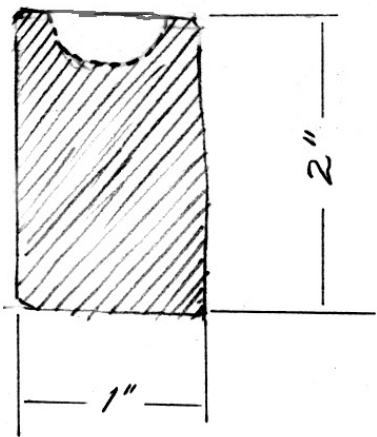
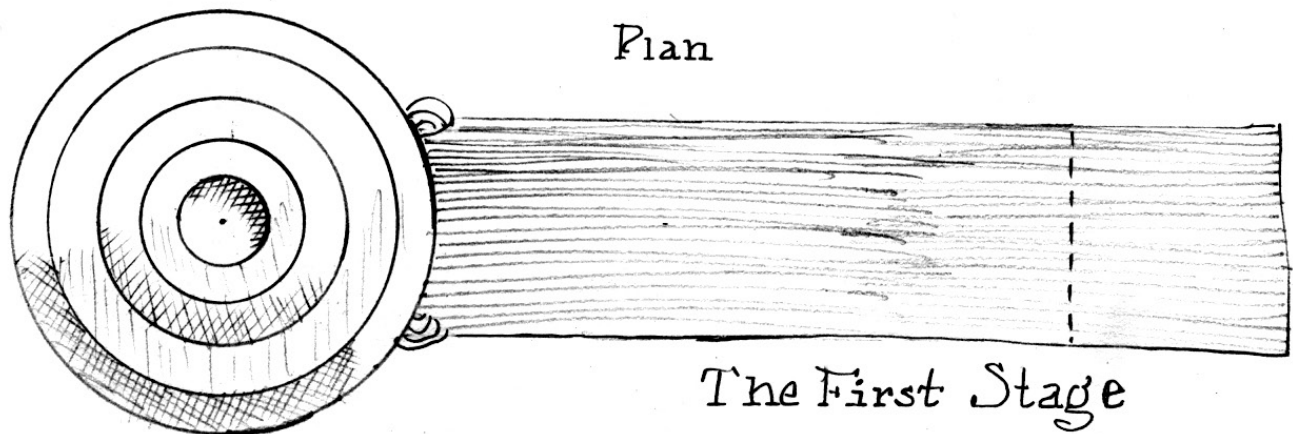
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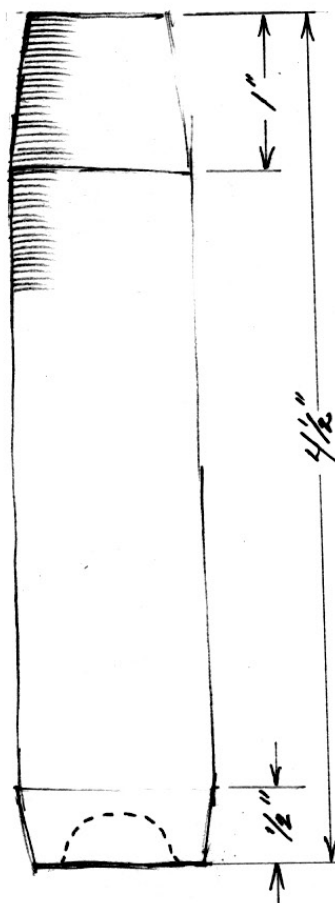
IRONY

by Stephen McGehee

RIVET SET DETAILS



Bottom Tool



Top Tool

Artwork from the collection of

IRONY

by Stephen McGehee

November 2022

Pittsburgh Area Artist - Blacksmiths Association

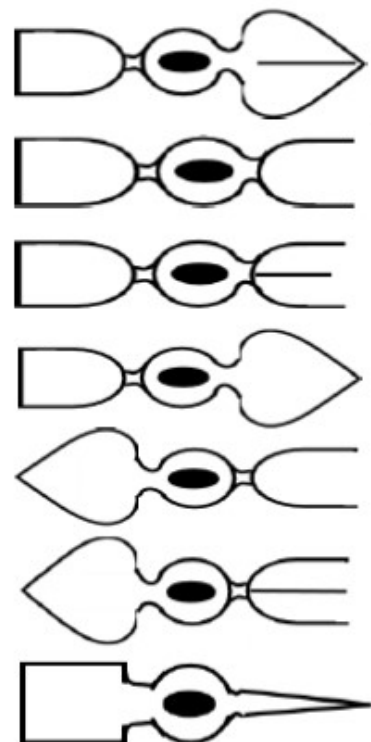
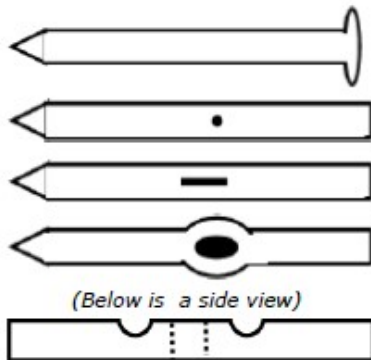
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Hoe, Hoe, Hoe! or Can You Dig It? By Don Pfaff

This gardening tool has many applications. It would be a great holiday gift for those individuals you know who garden. Great tools are hard to find, and this special implement can make getting ready for spring a dream!

Materials: 1-Railroad Spike

1. Remove head
2. Mark center cold
3. Slot punch hot
4. Make and use drift to the size of the handle you select.
5. Fuller in front and back of hole, then cross pein one side to a wide width.
6. On the opposite side, forge to a spear point.
7. Split spear point down the center and spread for claw end, or make two spits for three tines.
8. Slightly curve ends to your specifications.
9. Sharpen hoe end, Try different end combinations!



Above: Completed hoe w/ handle
Top Right: Railroad spike with transformation of hoe.
Middle: Side view
Bottom left: Drift and punch
Bottom Right: Top view.



Optional combinations





The *FORGE FIRE*

Newsletter of the
Indiana Blacksmithing Association, Inc.

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First Class Mail

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If Undeliverable return to
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November 19 Hammer In Rob Hough Shop

9790 N. Sharpbend Rd Albany, IN 47320

From Muncie: take SR67/SR28 toward New Albany. Turn south on N. Black Cemetery Rd (next to Muncie Dragway). About 1 mile south, N Black Cemetery turns left becoming Sharpbend Rd (CR 600N). Shop is about 1/4 mile on left.

Please bring a dish to share.

December 10 Hammer In & Board Meeting (2nd Saturday)

Don Reitzel's Shop

4113 W County Road 900 S, Stilesville, IN 46180

Directions: Take I-70 west of Indianapolis to exit 59 (SR 39). North on SR 39 for 1 mile. Turn left on County Road 900. Shop is about 6 miles on left.