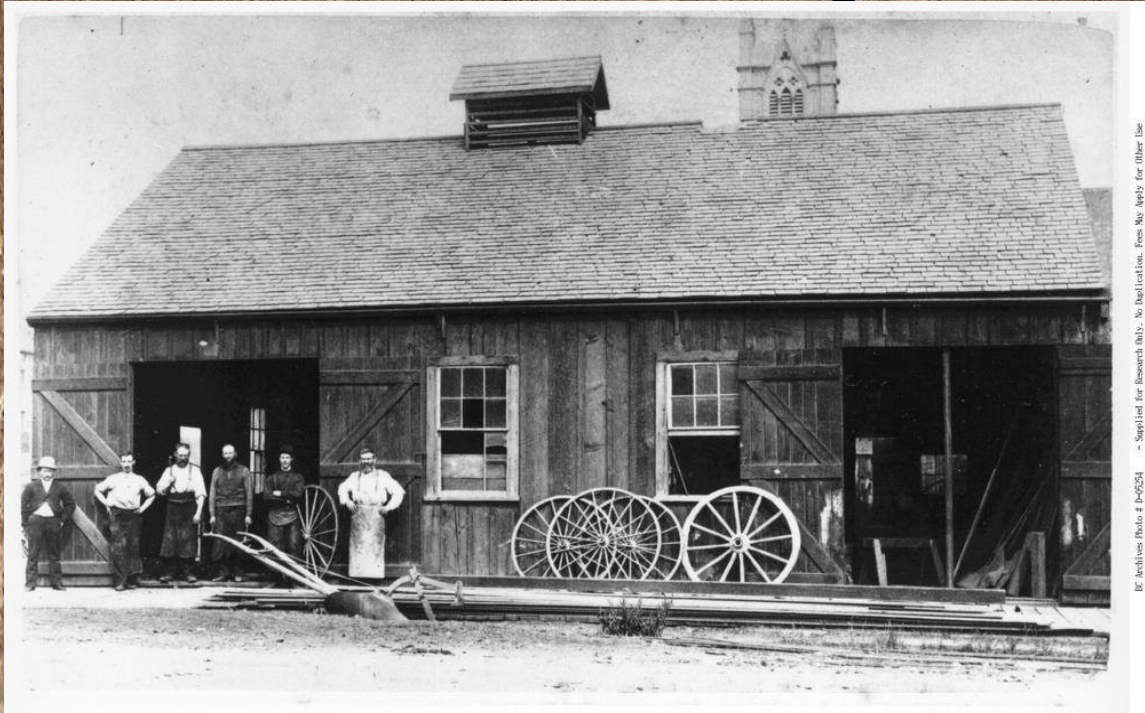




# FORGE

Dedicated to the revival of the King of Crafts

Vancouver Island Blacksmith Association  
www.viblacksmiths.com



Blacksmith shop, Victoria; the church spire in the background belongs to the First Methodist Church, southwest corner of Broad and Pandora. c. 1890. BC Archives D-05254

How to make a Flintlock Mainspring. Swallow Forge  
<https://www.youtube.com/watch?v=U6y78unkSRo>

## Current Events:

Dorothy Stiegler will be demonstrating her artistic craftsmanship at the Vancouver Island Blacksmith Association smithy at the Luxton Fair grounds on Saturday and Sunday October 22nd and 23rd, 2016. This is a fantastic opportunity to learn from this acclaimed blacksmith/artist Dorothy will be working with iron as well as bronze.

Monthly meeting Sunday, October 30, 2016 @ 11:00 AM

## 2016 Executive

*President: Neil  
Gustafson*

*VP: John Archer*

*Secretary: Charlie Low*

*Treasurer: Norm Norby*

*Editor: Brody Smith*

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## Secretary's Report

**By: Charlie Low**

July 2016

### Show and Tell:

Aaron brought a couple of neat "floating candle holders"- little dishes made from square pieces of sheet, indented in the middle, with the corners folded down to represent flower petals. He also brought in the tools to make them, a ring into which the center of the flower is pressed, and a nubbin to press it, both with nice handles.

Mika brought a long thin hammer head. He had intended it as an eye drift, but the eye in the hammer head had walls so thin that it could not be used as a struck tool. It was suggested that he weld in a steel handle to stiffen it. He also brought in a photo of a very nice knife, fork and spoon. The fork and spoon appeared silver plated.

John W brought in a souvenir book from the Wallace collection in England, with pictures of all manner of medieval blacksmith art.

### Financial:

Our finances are still OK

### New Members:

No new members

### Old business:

Nothing

**New Business:** Neil has emailed out a form for people to sign up to demonstrate at fairs. You should hit "Reply", fill out all the times you would like to come out and contribute, and then hit "Send". This is not just a thing we do for fun. They pay us to do these demos, and that money is what keeps the club operational.

**Skip has been in contact with Dorothy Stiegler about doing a demo here, Oct 22 and 23. With her per diem, air fare, possibly a fee at the border, exchange on US money, and pizza for the Saturday lunch, she will cost us about \*\*\* Canadian. The suggested fee to watch the demo will be \$40.00 for one day, \$60.00 for both. There was some discussion of how to set up for her demo, and Skip will be in touch with her about what she will require in the way of tools and materials.**

The people in charge of the fall fair would like us to set up an art gallery in the big hall. We had plinths for the last show we did, and we are hoping we can find them again, but we may need more. Wooden boxes with sheets over them would do, so keep an eye out for such boxes because we may need a bunch of them.

And with that, we adjourned.



**Have something you would like added to the newsletter Email it.**

**Arcingbrody@gmail.co**

## 2016 Executive

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## Secretary's Report

**By: Charlie Low**

September 2016

### Show and Tell:

Charlie L brought in a rasp with ruby eyes, made from a farrier's rasp, Wes brought in a spear head and draw knife, both made from farrier's rasps, and a knife and fork made from wrenches. Neil brought in a horse shoe and heart puzzle, Aaron brought 2 very nice pairs of tongs, Chris brought in an axe head, to be used as the top of a walking stick, made from a Polanski axe, originally used for fighting forest fires. Lashen brought in 3 knives, 2 short and one long, with black walnut handles, and a heron head walking stick. Brody brought a book of ideas. Neil spoke about a video of a guy in Montana who has made 2 wagons for hauling borax- the 20 mule team type. The iron work started as 3/4 x 3 inch bar stock, and was forged and forge welded as needed. Incidentally, there are only 18 mules in a 20 mule team- apparently the front two animals are horses, because horses will do what they are directed to do.

### Financial:

Our finances are still OK

### New Members:

Ian Giles, John Kirkpatrick and Sebastian Arial

### Old business:

Brody mentioned that we had a plan to enter names in a draw for Mark Asprey's books in return for contributions to the club, such as working at the fairs and making stuff to sell at the fairs. It was suggested that there be a book with the boxes of fair stuff for people to enter their names and the item they made to make it easier to keep track of that sort of things.

We also need a new sign-out book for the library, perhaps a clipboard with some paper on it.

Dorothy Steigler demo: Skip has the materials, and Dorothy will be staying with Skip and Elva. The demo will be Oct 22 and 23, cost is \$60.00 for the 2 days, plus \$2.00 per hamburger.

Neil mentioned that some people had been running the power hammer at 10:00 pm. This is really inconsiderate of the neighbours, who have so far been extremely tolerant of us. The power hammer cut off time is 9:00PM SHARP.

### New Business:

Neil has been in touch with Glenn Moon in Australia, who has agreed to come and demonstrate at Caniron next summer. Ben will also be demonstrating, as will Dave Freisen of Qualicum, who is a web designer, but makes samurai swords.

We made considerable money at the fairs this summer, though our sales were slightly lower than last year.

There will be a set of instructions drawn up for new members, and possibly old members as well, listing the do's and don't's for the shop. I expect it will be finalized in a few days.



**Have something you would like added to the newsletter Email it.**

**Arcingbrody@gmail.co**

# Show and Tell



Wes brought in a spear head and draw knife, both made from farrier's rasps, and a knife and fork made from wrenches.



Chris brought in an axe head, to be used as the top of a walking stick, made from a Polanski axe, originally used for fighting forest fires



Charlie L brought in a rasp asp with ruby eyes, made from a farrier's rasp



Neil brought in a horse shoe and heart puzzle



Lashen brought in 3 knives, 2 short and one long, with black walnut handles,



and a heron head walking stick.



Aaron brought 2 very nice pairs of tongs,



## Dorothy Stiegler

**About the Metalwork:**  
Stiegler Metal Design creates the highest quality custom metalwork individually tailored to meet the wants, needs and desires of each client. No two pieces are alike. Specializing in hand forged bronze, architectural, structural and ornamental metalwork.

### **About the Artist:**

Dorothy Stiegler started smithing over 40 years ago in Olympia, WA and has since moved her business to California. Dorothy is respected among her Blacksmithing peers as one of the best and has taught at national and international conferences all over the world. As an educator, entrepreneur and one of America's first professional female smiths, Dorothy is rightfully considered a Master in her field. She is a member of the California Blacksmith Association as well as a founding member and past president and board member of ABANA - the Artist Blacksmith Association of North America. Her ability to create beauty and art in any form of metal is a gift. She takes great joy in connecting with her clients and building them pieces that even they could never have dreamed up themselves.

Dorothy was the recipient of the Alex Bealer Award in 1998. The Bealer award is the most prestigious award given by ABANA to blacksmith's who have made a significant impact and contribution to the industry, viewed from a long range of time. In addition, Dorothy has been awarded the Laureate Award and two Gold Trouser Button Awards from AACHEN Teaching and Design.

Dorothy lives with her husband Bob Smith and his daughter Kylie in Plymouth, CA; enjoying life in the beautiful Sierra Foothills. Bob is the founder of the [Pacific Coast Horseshoeing School](#), the premiere award winning

Dorothy Stiegler will be demonstrating at the Luxton Fair grounds on Saturday and Sunday October 22<sup>nd</sup> and 23<sup>rd</sup>, 2016. Some pictures of her work are below





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As many of you of you know the ABANA conference has come and gone, but I am sure your left wondering what did they do? I have a small snippet of what you missed out if you like to see more click on the link below it will take you to there Facebook page. Unfortunately they pictures dont give the name of the blacksmiths who made what.

[ABANA FACEBOOK PAGE](#)







3528  
Wrought Iron Vessel  
Roger "Carr" Lubrath

8728  
No removal or use of any part of the collection is permitted without the express written permission of the curator.





Gallery  
3495 \$1,200  
Calla Lily wall piece  
Wade Smith







3465 Gallery \$1,500  
Alligator

3465  
Designed by: Todd Amen  
Material: Scorpion Lizard  
\$1,500

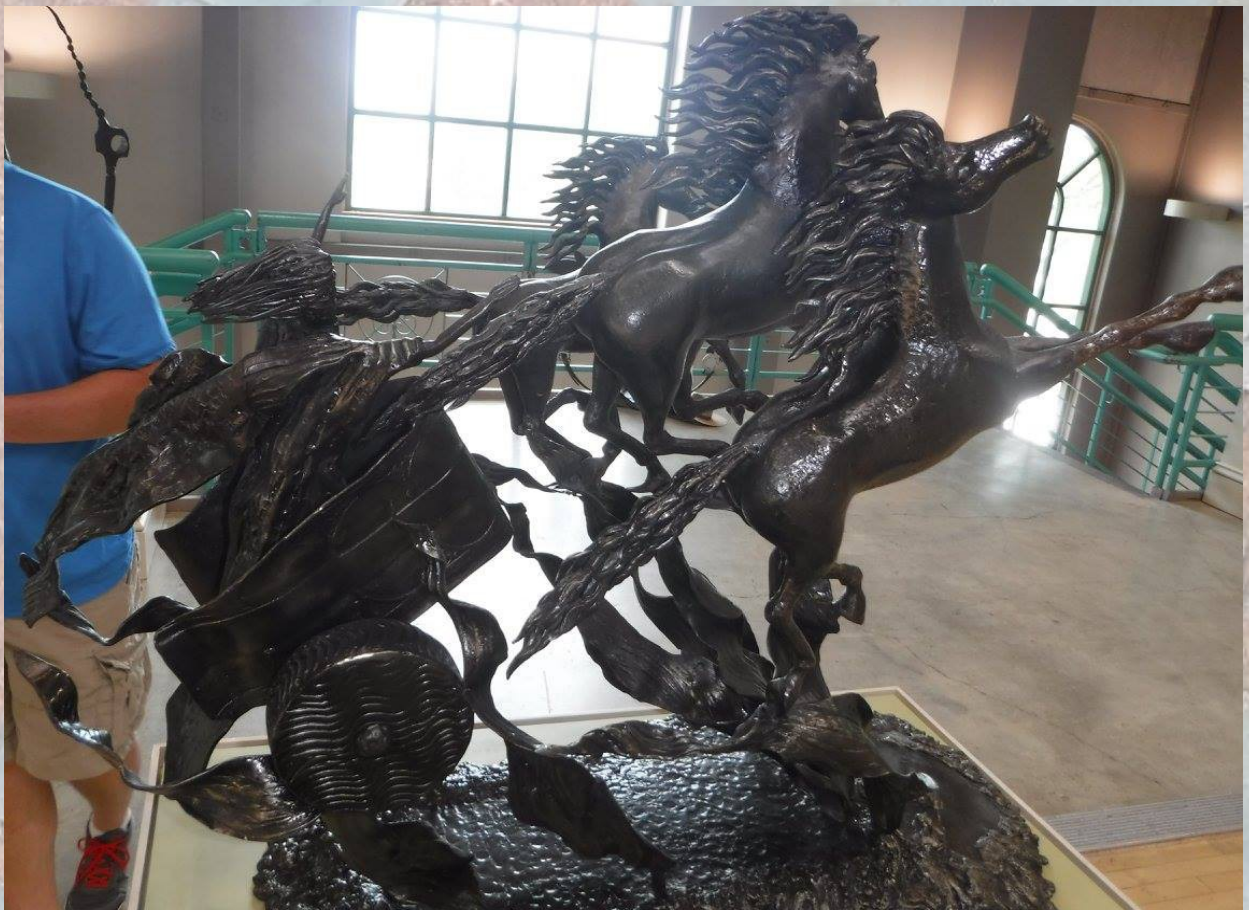


3468



35.36 Gallery NPS  
Christmas Tree  
David Bradenbaugh



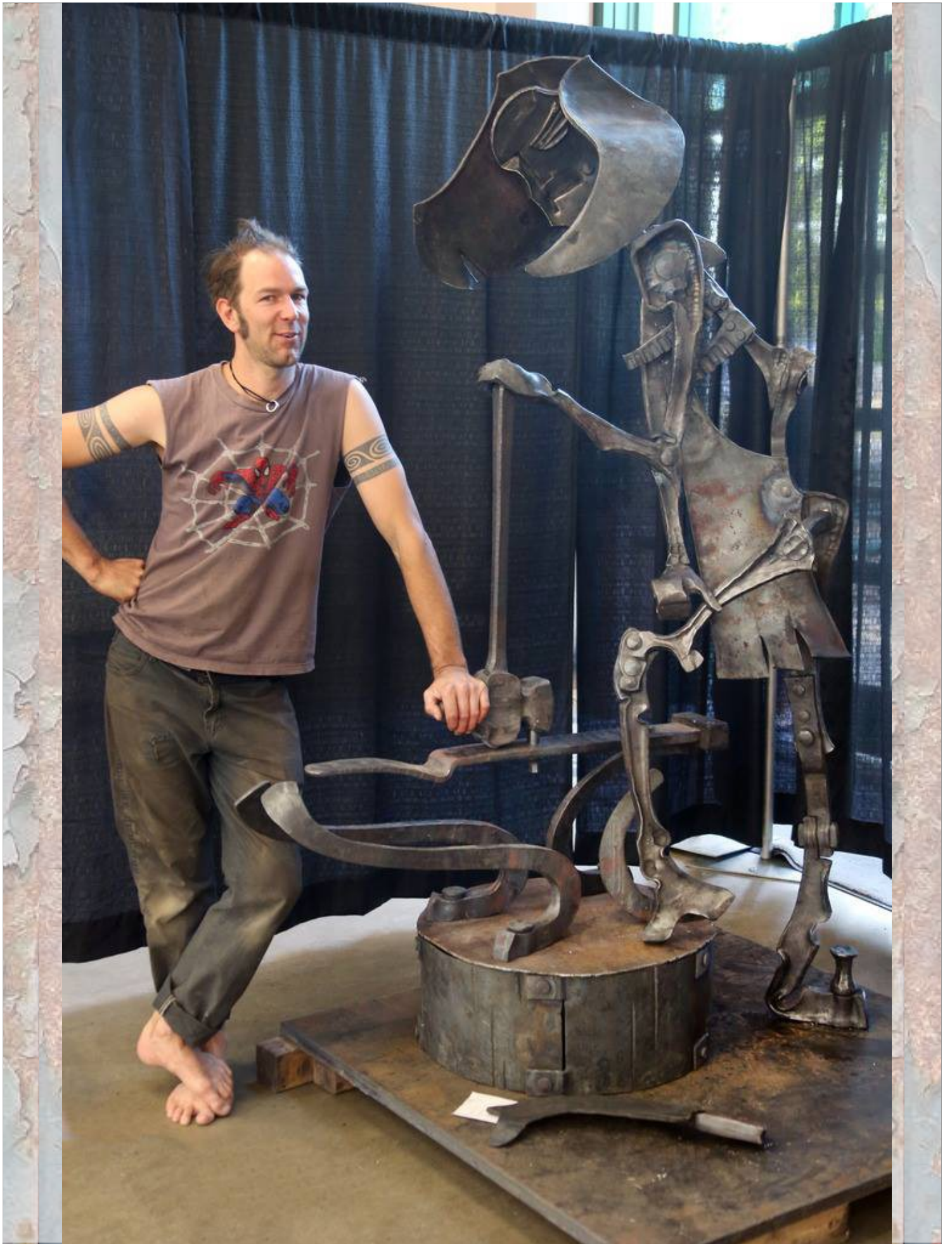






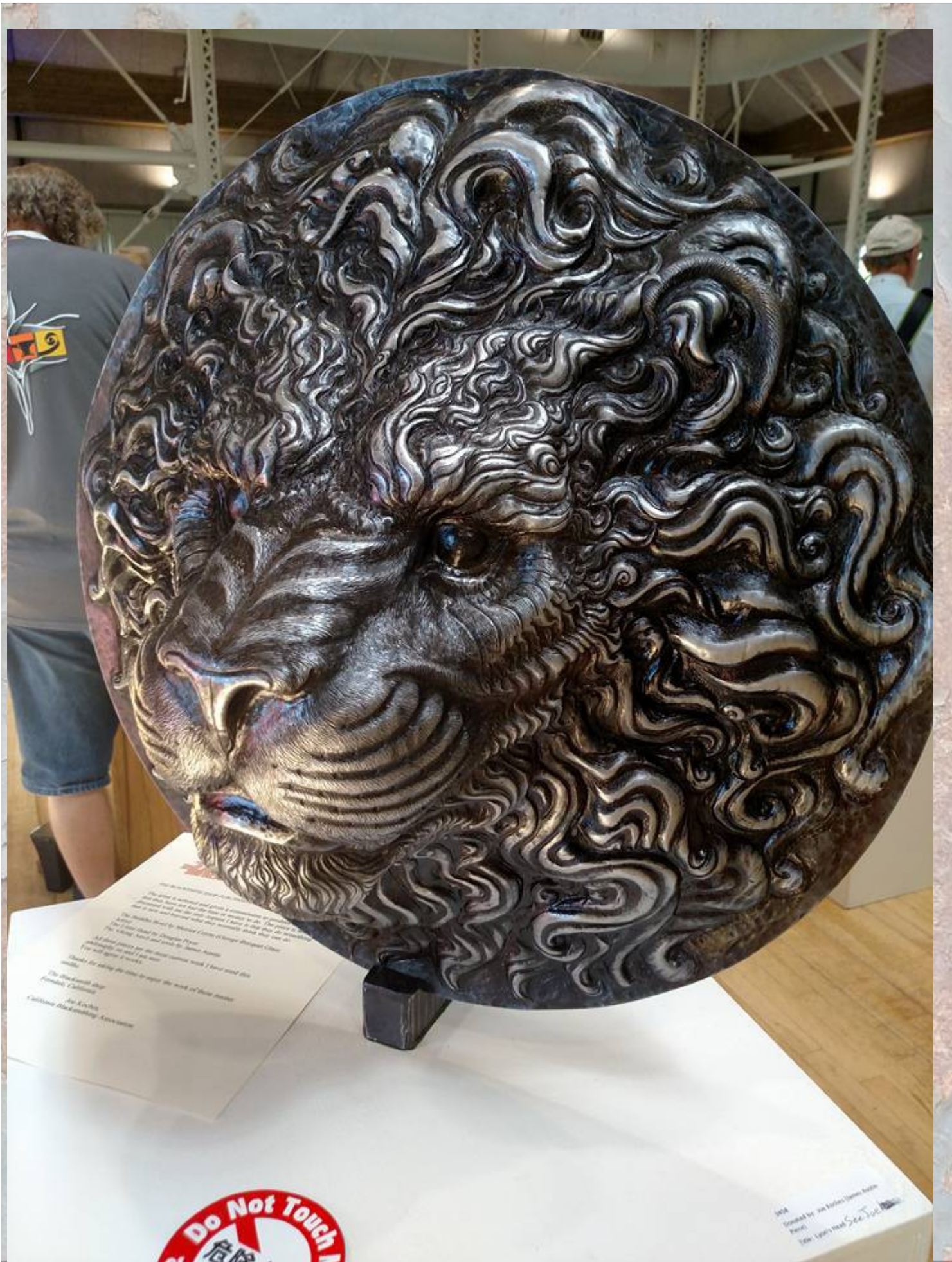
3537  
Judy Smith











The National Center for Children, Youth, and Families  
is pleased to sponsor this exhibition. The proceeds from the sale of the sculpture will be used to support the work of the National Center for Children, Youth, and Families. Thank you for your support.

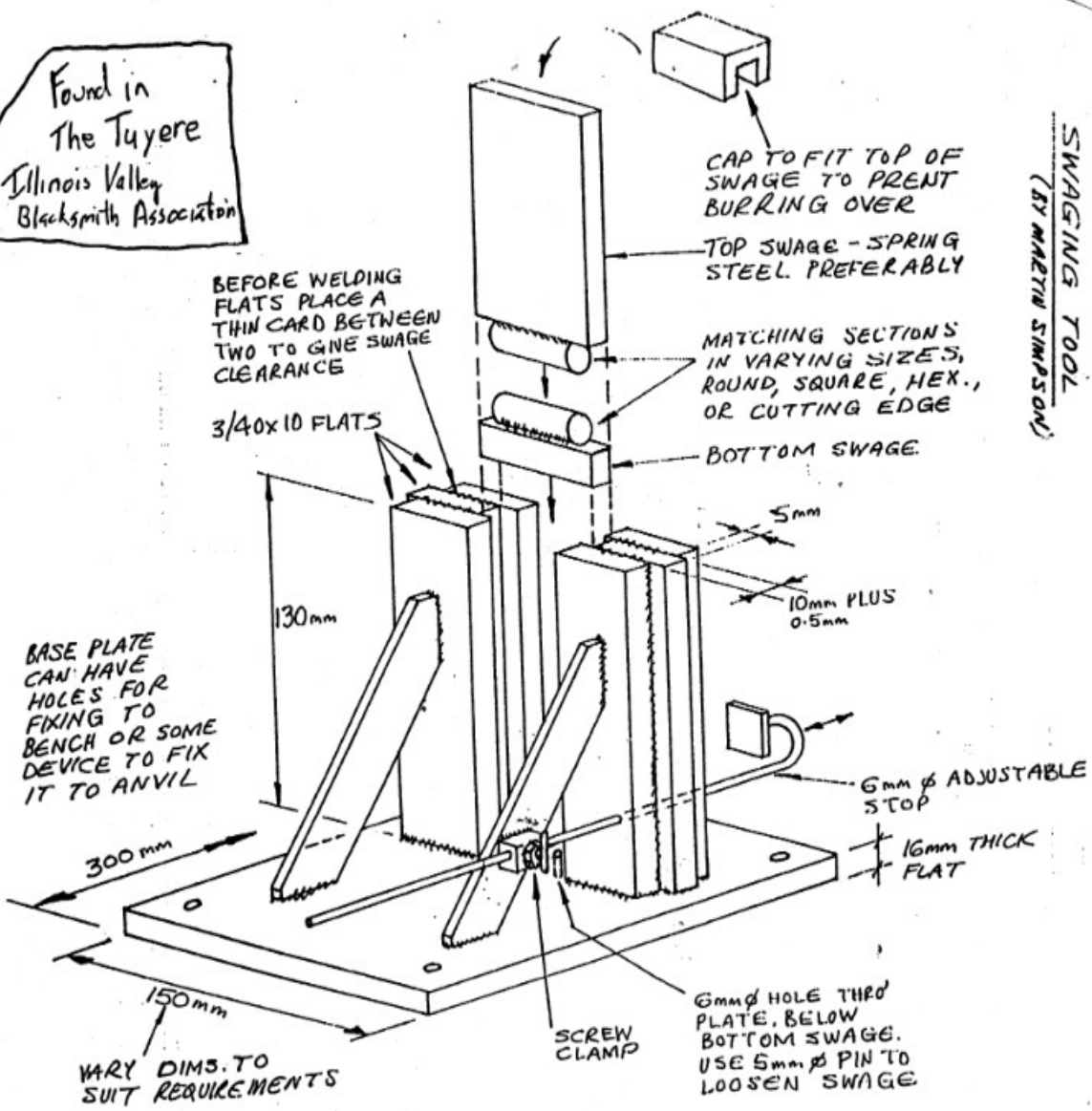
*The National Center for Children, Youth, and Families*  
1600 K Street, N.W.  
Washington, D.C. 20005  
Phone: 202-452-5200  
Website: [www.nccyf.gov](http://www.nccyf.gov)

**Do Not Touch**

1998  
Sculpted by: *Lee Kuo-Hua*  
Photo: *Lee Kuo-Hua*  
Title: *Tiger Head*

Found in  
The Tuxere  
Illinois Valley  
Blacksmith Association

SWAGING TOOL  
(BY MARTIN SIMPSON)



Bruce Freeman, editor

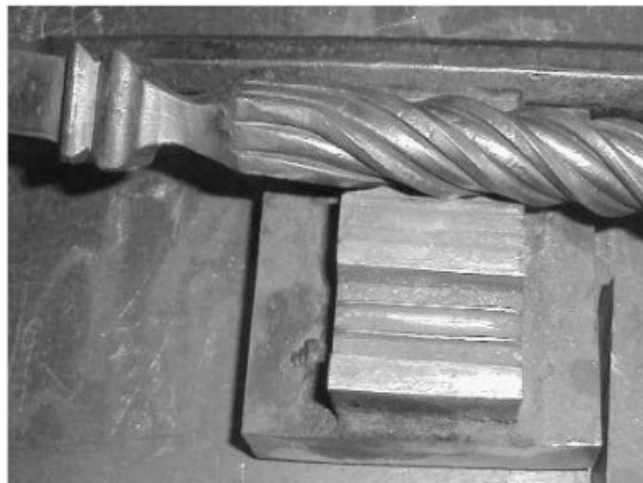
Teri Suter, assistant editor

Volume 4, Number 2

September, 1999

page 15

Examples of power hammer swages (courtesy of David Ponsler)



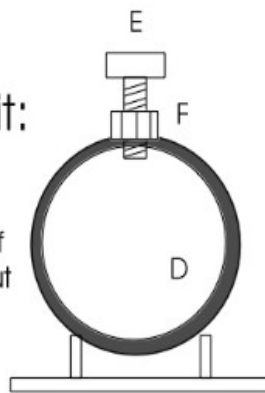
# Knife Maker's Vise

## Materials:

- A: 1 4" x 4" x 0.25" plate of steel
- B: 2 1" x 2" x 0.25" plate of steel
- C: 1 Black pipe: 3.5" OD (3.000" ID)
- D: 1 4.0" OD (3.585" ID)
- E: 3 1/2" x 13 cap-head bolts
- F: 3 1/2" x 13 nuts

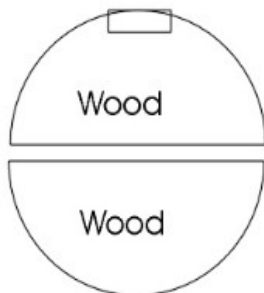
## Clamp Unit:

Weld the 4" pipe onto the 1" x 2" plates. Drill a 0.5" hole in the top of the pipe and weld a nut over the hole.



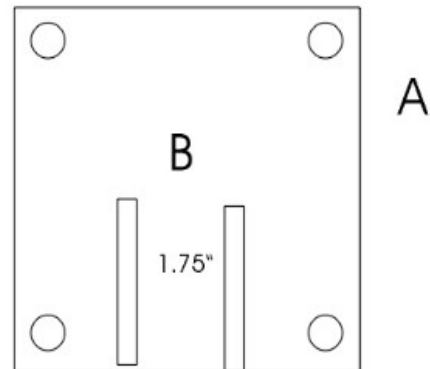
## Vise Liner

From scrap hard wood, shape a cylinder that slips into the 6" pipe. Cut it in half so that when the bolts are withdrawn, there is a 3/8" to 1/2" gap between the wood blocks. Inset a washer in the block under the ends of the bolts.



Cc

## Base



Drill 0.5" holes in each corner. Weld the B plates as shown, along one edge and 1.75" apart.

## Vise Unit



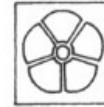
Drill 2 0.5" holes 3/4" from each end of the 6" long pipe. Weld a nut over one and thread the other. Cut a 1.5" x 0.5" slot on the end with the nut.

## Mount and use:

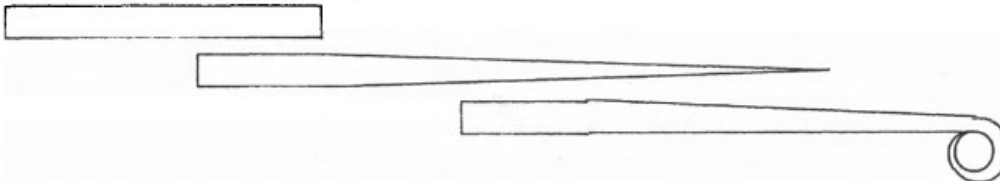
Slip the blocks into the long pipe and the long pipe into the short pipe. Insert a knife (tang or blade) either length-wise between the blocks or cross-wise in the slots. Tighten the bolts on the long pipe to lock the knife and then rotate the pipe as needed in the shorter pipe. Lock the rotation with the bolt on the shorter pipe. Bolt the whole assembly to a table using the holes in the base or fabricate a piece of angle-iron with matching holds for a vise-mount.

# Octopus Coat Hooks

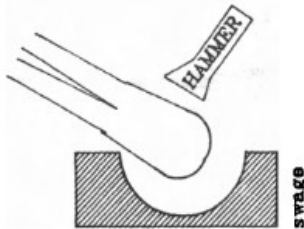
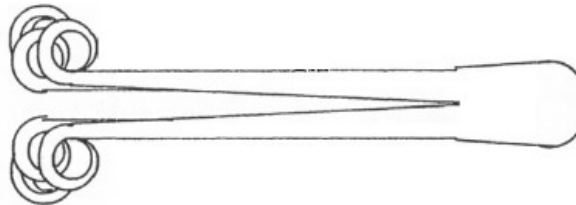
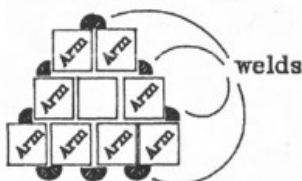
S.A. Bloom



- Using 1/2" square stock, prepare 8 pieces 5" long & 1 piece 2" long. Using the 5" stock, forge the terminal 3" into a gradual taper approx. 8" long. Round the taper & curl the end.

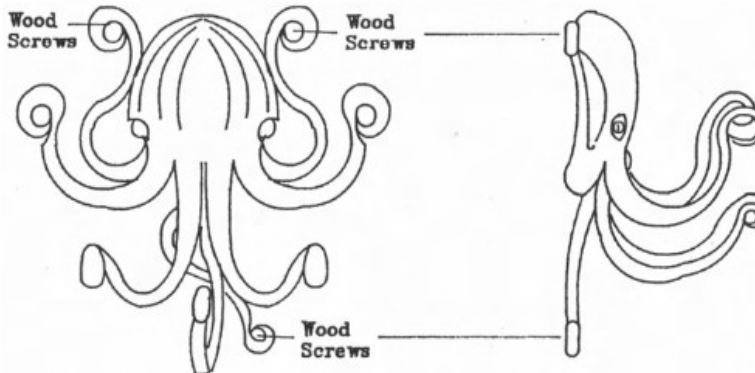


- Bundle the 8 arms around the 2" piece, arc-weld the arms together, then forge weld into a single mass. Forge the head into a cylinder with a domed end.



- Using a hemispheric swage block, dish the head slightly. Form an eye with a round eye punch & add a horizontal pupil slit.

- Shape the lateral rear arms & a center rear arm into attachment points. Shape the rest into protruding hooks (a torch will help).



Use 3" for 1/4" stock => towel racks  
 Use 4" for 3/8" stock => hat racks  
 Use 6" for 3/4" stock => hernia  
 Possible Alternative  
 Uses:  
 Key ring holders, business  
 card display/holder, ferric sushi

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**Vancouver Island Blacksmith Association  
Membership Application**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

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

Post/Zip Code: \_\_\_\_\_

E-Mail: \_\_\_\_\_

Phone: (\_\_\_\_) \_\_\_\_\_

Regular Membership.....\$50/year  
Members are required to sign a liability  
waiver. Make cheques and money orders  
payable to:  
**Vancouver Island Blacksmith Assoc.  
1040 Marwood Avenue  
Victoria, BC, Canada.**

**Artist Blacksmith Assoc. of North America  
Membership Application**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

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

Post/Zip Code: \_\_\_\_\_

Phone: (\_\_\_\_) \_\_\_\_\_

Youth 18 and under..... \$20/year

Full Time Student.....\$45/year

Regular Membership.....\$55/year

Senior Citizen (Age 65+) ...\$50/year

Overseas Surface Mail .....\$60/year

Overseas Air Mail .....\$80/year

Contributory Membership....

\$150/year

Educational Institution membership

\$250/year

**Credit Card Payment.**

Card No. \_\_\_\_\_

Visa  Mastercard

Expiry Date: \_\_\_\_\_

Signature: \_\_\_\_\_

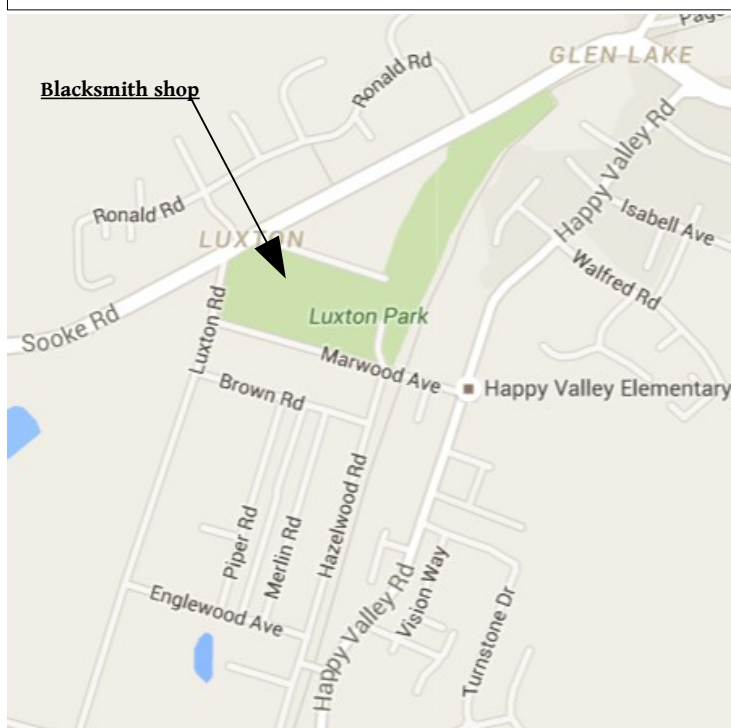
**ABANA Central Office**

**259 Muddy Fork Road**

**Jonesborough, TN 37659**

**Phone: (423) 913-1022**

**Fax: (423) 913-1023**



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