

Saltfork Craftsmen Artist-Blacksmith Association

December 2010

LET THE ANVILS RING

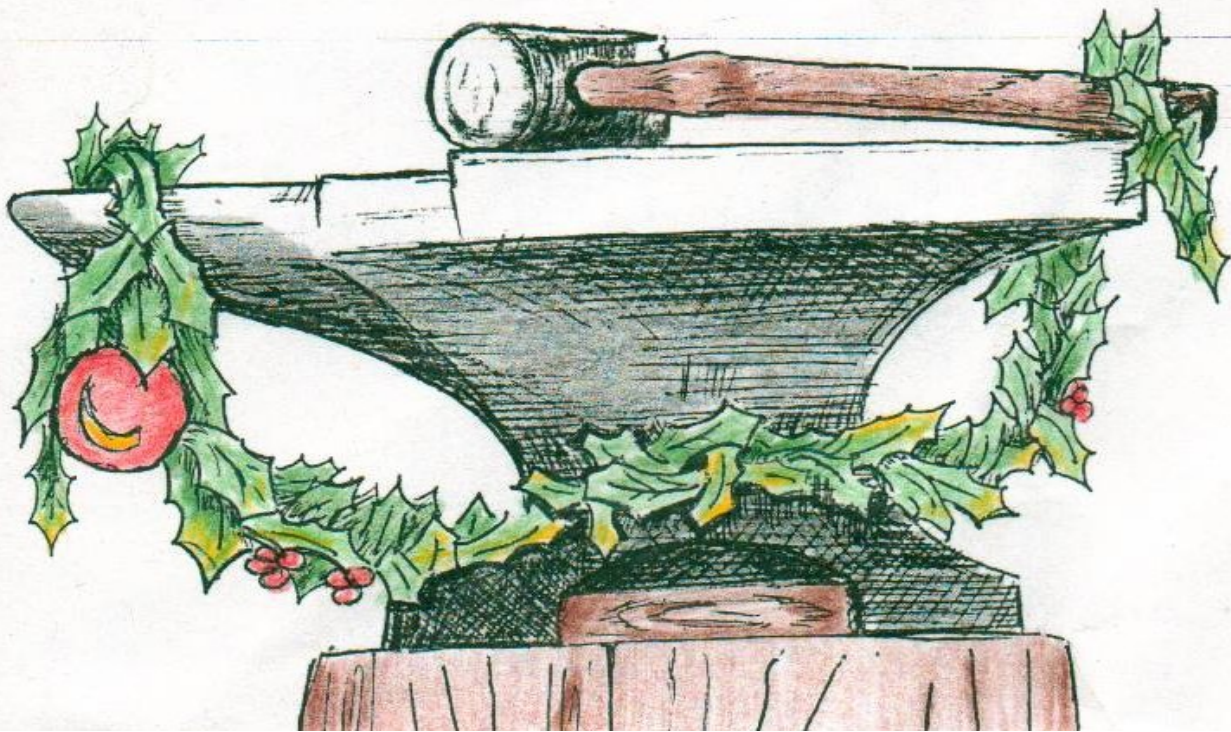
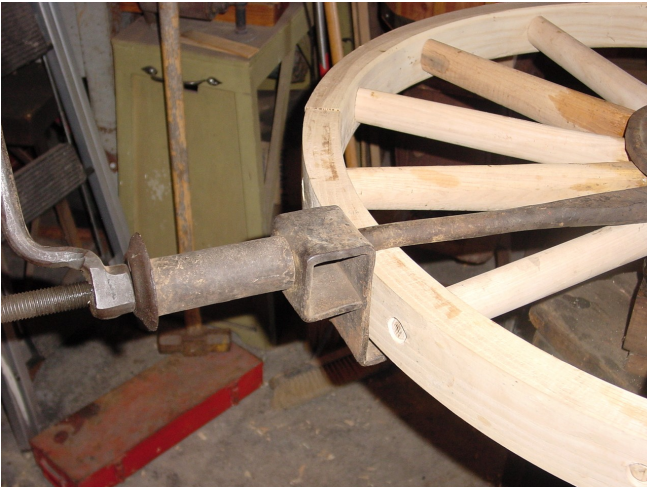


Illustration by Ricky Nusbaum

The Wheelwright Shop

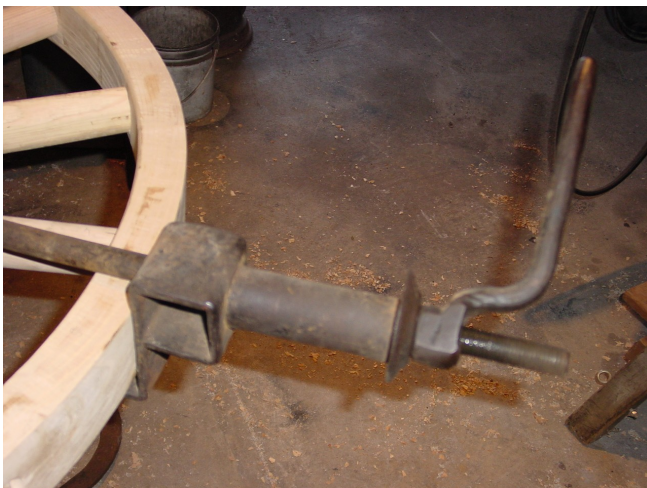
On Saturday, August 21, 2010, my dad, Vernon Nelson, Jim Carothers and I met at my shop in Douglas to hot set a tire on a wagon wheel. The following is a description of the pictures below that Jim Carothers took and sent in the editor of Saltfork.



#1 Wheel Sampson. This is used to pull the felloe in so it rest against the spoke shoulder.



#2 Wheel Sampson on hub.



#3 Wheel Sampson. Adjustment end.



#4 Spoke puller. This is used to pull spoke into position in the felloe.



#5 Assorted tools used for setting time- - The two on the outside are for pulling the hot tire onto the wheel

Wheelwright shop cont.



#6 Fire heating wagon tire.



#7 Wheel blocked and secured for setting tire.



#8 Book, **Wheelwrighting: A Modern Introduction**, by Bruce and Joyce Morrison.



#9 My dad, Vernon Nelson, and me cooling the tire.



#10 cooling (shrinking) the tire.



#11 Tire pullers

Wheelwright shop cont.



#12 and #13 are close up details of #11



#14 Finished hot set tire.



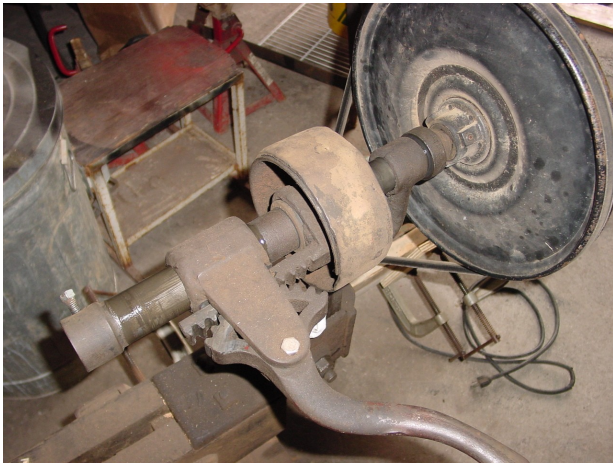
#15 Detail of location for tire bolt that holds the felloe plate



#16 Spoke tenon cutting machine (Dole and Deming).



#17 another view of tenon cutter.



#18 Drive pulley for tenon cutting machine.



#19 Spider on wheel stand with spokes pointed



#20 detail of pointed spoke

The finished wheel turned out good and solid. Ready for many years of use.
Tom Nelson

Tom has held several demonstrations of his wheelwright machinery and we appreciate him and Jim Carother providing us with these nice pictures of the steps that they used to shrink the tire onto the wheel and some of the equipment used.
Editor

S/C Regional meeting

Bill and Diana Davis host the November meeting for the S/C region at their home west of Rush Springs. The weather was perfect for the meeting. Members started showing up at about 8:30 to 9:00 am and forges were going soon afterwards.

The plan for the day was to have a mini workshop on nail headers. Bill have prepared some blanks a head of time so the participants only have to form a dome and then punch the proper hole in it for the size nail they wish to make and then drive a square drift in to get the desired size. Everyone that wanted to was able to make as least one nail header. 1/4 inch was the main size that was made. There should be lots of nails made next year at demos around the state.

The trade item was a door knocker and there were 5 nice ones in the trade. Those bringing door knockers were Don Gardner, Ron Lehenbauer, Gerald Franklin, Bob McKelvin and Bill Davis.

With the winter weather being nice, many enjoyed watching the forging that was going on outside or just visiting. Had several new members come by and this was their first meeting. Bill and Diana hope that they enjoyed the meeting and the non-structured format that they prefer.

Lunch was beef stew or Chicken tortilla soup with cornbread. Members brought lots of different deserts. Everyone had plenty to eat and were soon back outside to do more forging.

