



# The Turning Point

The newsletter of the Siouxland Woodturners  
Chapter of the American Association of Woodturners

October 2012

## *In this issue...*

*News Items . . . . . Page 1*  
*Upcoming Meeting Notes . . . . Page 1*  
*President's Column . . . . . Page 2*  
*Getting to Know Us . . . . . Page 3*  
*Woodturning Basics . . . . . Page 4*  
*At the Last Meeting . . . . . Page 5-7*

## **Festival of Trees...**

**Don't forget to bring your ornaments for the Christmas tree to the November meeting. We need lots and lots of ornaments!**

**If you are not an ornament turner we also need a variety of "gifts" for under the tree. Anything from pens to bowls make nice "gifts".**

*If you will not be able to attend the November meeting but have items to donate, please contact one of the officers and we will arrange to get your items.*

## **Getting to Know Us and Woodturning Basics Columns...**

This month's GETTING TO KNOW OUR US column features Gene Wubben.

The WOODTURNING BASICS column this month features some information on the book, "A Course in Woodturning" published in 1919.

These columns can be found on page 3 and 4 of the newsletter.

## **Upcoming Meeting Notes**

**Saturday, November 10, 2012**

**1:00 PM**

**Ag Education Shop  
Harrisburg High School**

*Harrisburg High School is located approximately ¾ of a mile west of Harrisburg. The Ag Ed shop is located around back in the northeast corner of the building. If you have trouble finding the place call Royce at (605) 351-9435.*

**Annual Business Meeting  
Christmas Tree Decorating**

## **October Meeting at Paul Sova's**

Thanks to Paul Sova for hosting the club at his shop for the October meeting. It was an interesting and informative session.

Most of us are always impressed with the quality of Paul's segmented turnings. It was nice to see how Paul produces these fine pieces.

Thanks Paul! You make it all seem so easy!

## **From the President...**

What a great time of year, hunting, fishing, and wood working all at the front of our minds. The garden got fall plowed last week, one more trip to Pierre for the walleye, and the state bird needs to be managed. Through that all I am managing to turn some rattle snake skin pens, an alabaster light house, sent 10 more candle holder up north for the fall run on Christmas gifts, and turning bowls for gift orders. And if I can down a few Ringnecks I will try to have some feather pen to show at the Nov Meeting. If it wasn't all fun I would be very tired. But it seems at my age the more I keep pushing myself the better I feel.

The November meeting is going to be full, fun and busy. First and foremost is for you to bring in your Christmas ornaments and gifts and help decorate the tree, second is your entry for the "FALL (TURN OF) OFF ANYTHING BUT A BOWL" It will be so interesting what you bring in. The judges will be there and the competition "on".

On top of that is elections and planning for the next year of meetings, the nominating committee will have a ballot but bring your suggestions, ideas and wisdom.

I will have more club supplies for purchase so being containers and cash for the methane, anchor seal or sanding pads.

Bring in your show and tell items, jigs or tool you cannot live without, articles, video links or experiences you need to shore for our store house of information.

All in all it will be a great way to spend a couple of hours the 3<sup>rd</sup> of November.

Keep Turning!!!

Doug Noteboom



## **Getting to Know Us...**

Gene Wubben

I have been a member of the Siouxland Woodturners for less than 2 years but it feels like it has been much longer; I have been exposed to so many new things. I have been working with wood since I was in middle school. My dad had some hand tools and a 9" Craftsman table saw and I built anything I could think of. A lot of it ended up being used as firewood kindling, but it gave me the chance to practice my skills.

My first exposure to woodturning was during a career week at high school. A classmate brought in his dad's lathe and a few of us took turns using it. We did not have much training, but we were able to produce some objects which we were proud of. I borrowed that lathe during one summer and continued my education, and the firewood kindling. At the end of the summer, my access to a lathe ended and I did not get a chance to turn again for quite a few years. I continued to build my other wood working skills and worked in a custom cabinet shop during summer break from college. I also continued using my dad's tools and built a few furniture items on my own which I still use.

My interest in woodturning was rekindled many years later, when I found a basic 12" Craftsman lathe and chisels at a garage sale. I used that for a few years, but sold it when I found a used 15" Craftsman with variable speed. Now it is looking for a new home. My most recent lathe is an old 12" delta with variable speed. Not a very large lathe, but seems to handle most of the stuff I have tried.

The annual Stan Houston's woodworking show was always a favorite event for me. I liked seeing the demos and the latest tools. I saw the Siouxland Woodturners demos several years at the show before I came to a club meeting. I never thought I had the time to join the club and attend the Saturday meetings; my usual day to get home projects done. Well, I am glad I took the time to come to a meeting and have tried to attend as many as I could since then. The club is a great opportunity to meet members and learn from each other.

# **WOODTURNING BASICS**

## **"A COURSE IN WOOD TURNING"** By ARCHIE S. MILTON & OTTO K. WOHLERS

In last month's Woodturning Basics column I mentioned a publication I recently came across. I thought I would elaborate a bit more on this resource this month. ***A Course in Woodturning*** was published in 1919 and was apparently published as a course of study to be used in high school woodworking classes. This book contains a great deal of useful, basic information. I would encourage you to follow the link below to access this eBook. I believe the book is about 55 pages long so you may not wish to print a copy. However, you can add this link to your "favorites" or "bookmarks" on your web browser and go back to it at any time. Here is the link...

<http://www.gutenberg.org/files/15460/15460-h/15460-h.htm>

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As I said, ***A Course in Woodturning*** covers a great deal of basic woodturning topics such as use and care of the lathe, selection and sharpening of tools, spindle turning, bowl turning, how to mount the wood on the lathe, etc. Below is the table of contents from the book. As you can see it covers a lot of material.

### TABLE OF CONTENTS

#### **CHAPTER I**

##### **Introductory**

- Commercial and Educational Values of Wood Turning
- Elements of Success

#### **CHAPTER II**

##### **The Lathe**

- Care of the Lathe
- Speed of the Lathe
- Method of Figuring the Diameter of Pulleys
- Rules for Finding the Speeds and Sizes of Pulleys
- Points on Setting Up the Lathe and Shafting

#### **CHAPTER III**

##### **Wood Turning Tools**

- Grinding and Whetting Turning Tools
- The Gouge
- The Parting Tool
- Scraping Tools

#### **CHAPTER IV**

##### **Spindle Turning**

- Centering Stock
- Clamping Stock in the Lathe
- Adjusting the Tool Rest
- Position of the Operator at the Lathe
- Holding the Tools
- Use of the Tools in Spindle Turning

#### **CHAPTER V**

##### **Tool Processes in Spindle Turning**

- The Roughing Cut
- The Sizing Cut
- The Smoothing Cut

- Testing for Smoothness

- Measuring for Length

- Squaring Ends

- Cutting Off

- Shoulder Cuts

- Taper Cuts

- V Cuts-Concave Cuts

- Convex Cuts

- Combination Cuts

- Chisel Handles

- Mallets and Handles

- Vise Handles

#### **CHAPTER VI**

##### **Oval Turning**

- Tool Operations

#### **CHAPTER VII**

##### **Duplicate Turning**

- Use of Measuring Stick

- Use of Templets

#### **CHAPTER VIII**

##### **Finishing and Polishing**

- Ordinary Cabinet Finishing
- French Polishing
- Method of Applying French Polish

#### **CHAPTER IX**

##### **Face-Plate and Chuck Turning**

- Methods of Fastening Stock
- Small Single Screw Face-Plate
- Large Surface Screw Face-Plate
- Gluing to Waste Stock

- Lathe Adjustments

- Position of Tool Rest

#### **CHAPTER X**

##### **Tool Processes in Face-Plate and Chuck Turning**

- Straight Cuts

- Roughing Off Corners

- Calipering for Diameter

- Smoothing Cut

- Roughing Cut on the Face

- Smoothing the Face

- Laying Off Measurements

- External Shoulders

- Internal Shoulders

- Taper Cuts

- V Cuts

- Concave Cuts

- Convex Cuts

- Combination Cuts

- Use of Scraping Tools

- Internal Boring

- Turning a Sphere

#### **CHAPTER XI**

##### **Spiral Turning**

- Single Spiral, Straight Shaft

- Tapered Shaft

- Double Spiral, Tapered Shaft

- Double Spiral, Straight Shaft

- Double Groove Spiral, Straight Shaft

I should also mention that this book includes a very large number of pictures (very dated but interesting) along with very useful drawings of various turning elements and techniques. I strongly encourage you, someday when you have some time to kill, to check out this unique and interesting publication.

# At the October Meeting...

Siouxland Woodturners

October 6, 2012 Meeting Minutes

The October meeting of the Siouxland Woodturners was held at Paul Sova's shop in Sioux Falls.

A brief business meeting was held.

- We will be decorating our tree for the Festival of Trees at the November meeting.
  - Members were reminded to bring their ornaments as well as gifts for under the tree to the November meeting.
  - The November meeting date has been changed to Saturday, November 10<sup>th</sup> so that our decorated tree is not sitting in the Ag Shop for too long before delivery.
  - Paul Sova will arrange delivery of the tree.
  - Royce Meritt has submitted the necessary paperwork.
  - Royce Meritt, Corky Miles and Ron Seim will shop for and purchase a tree.
- Members were reminded of the Fall Turn-Off.
  - "Anything but a bowl"
- Jim Sample reported on the Rocky Mountain Woodturning Symposium he attended last month.
- The November business meeting will include the election of officers for the upcoming year as well as discussion on possible meeting topics and demos for 2013.
- Paul Sova began a demonstration of his segmented turning by describing how he does the design work, beginning with a sketch through a full-scale technical drawing.
  - Jay Cudzilo also discussed (and provided hand-outs) a computer program he uses to plan segmented pieces.
- Paul then walked us through the process of constructing a segmented piece.
  - cutting segments
  - gluing up a ring
  - flattening a ring
  - gluing a ring to the piece
  - turning the form

Respectfully submitted  
Royce Meritt, Acting Secretary



**Show and Tell Items at the August Meeting...**



Ron Erickson's Ornaments & Bowls



Jim Sample's Bowls & Ornaments

**Paul walks us through the design process he uses for his segmented pieces and show off some of his fine work...**



## Paul showing us how it's done...



How segments are cut on the table saw



Flattening a ring on the belt sander



Preparing the previous ring for the next one



Working on the outside of the vase