

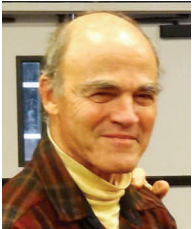
# SOUTH BAY WOODWORKERS' NEWS

Volume 24, Issue 10

October 2016

## President's Column

By Chuck Aring



**W**e just returned from a reunion followed by our hiking gorges and seeing waterfalls in the Finger Lakes of central New York.

A remarkable "wood working" project I saw, that set me to thinking, was the major gear, horizontal, I estimate 12 feet in diameter, of the 1839 gristmill, still in place and intact, all of wood, at Treman State Park, near Ithaca.

What particularly caught my attention was that the makers realized the teeth, of wood, always wet and always propelling the next, and iron, gear would wear out and needing easy replacement. The larger wheel was divided into innumerable horizontal compartments, and the teeth were inserted by sliding through these horizontal channels, and the tooth-boards, 2 inches thick and 3 feet long, had opposing dadoes near the far ends, where they extended through the inner-perimeter rim of the wheel. Here, temporary splines held the sequence of teeth in place— and could easily be replaced with wear.

To even fathom the resourcefulness of designers and craftsmen when they had no option but to use wood as their material should challenge us

Think about your shop experience of the last month and give us a 10 second explanation of something important you learned.

to be creative.

## This Month's Program:

### Minutes September 27, 2016

#### Guests

**T**he club welcomed three guests: Len Viale, Art Carlson, and Bob Konigsberg.

## General Announcements

### Ten Second Ideas

**F**red Sotcher described a router bit that he purchased to eliminate the problem of tear-out when cutting against the grain. It's a straight bit made of solid carbide by Whiteside. The cutting edges are spiral, but not continuous the full length. The top cutting edge spirals down half-way and ends while the

bottom cutting edge starts half-way up about 1/4" behind the top spiral and extends to the bottom of the bit. They are available with bearings on top, on the bottom or on both top and bottom as needed.

**T**om Kenyon came across a nail gun that shoots nylon nails. He used them to affix his wood to the Shop Bot table. It is better for the router bit to hit a nylon nail rather than a steel nail, but he found that they broke off when he tried to remove them.

### Next Meeting

Tuesday

October 25

By

Jay Perrine  
& Jim Koren

At

The Saratoga  
Federated Church  
at 7:00 pm

## Main Meeting

**M**ike Papa gave the presentation about jigs that he uses in making boxes.

He uses a Ryobi BT3100 table saw that has a 10" blade, a 24" rip capacity, a 3" cutting depth, and a sliding table to the left. The right side table has space for a router. He built a cabinet with drawers for it to sit on that also has a shop vacuum that is wired to start at the same time as the saw.



He talked about the various attachments he uses with the rip fence and miter gauge.

- ◆ A tall jig that slides on the rip fence that has two uprights glued at 45 degrees. Tenons can be cut in the corners of picture frames or a cut can be made across the corner of a box lid to add a decorative corner piece.



- ◆ Two jigs for ripping thin strips of wood, one for 1/2" wide strips and the for 3/4" wide strips. These two are used for ripping shorter pieces of wood and a third jig was

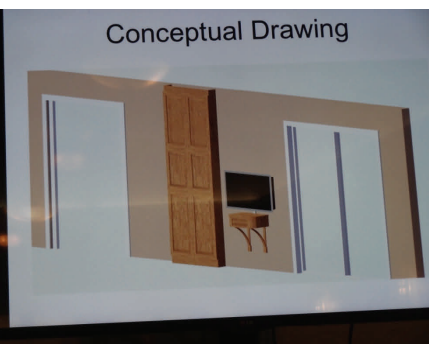
demonstrated for ripping longer strips of wood.

- ◆ A jig for ripping tapered cuts on the table saw.
- ◆ A box joint jig that runs in the table t-slot and uses a one inch by eight threads per inch threaded rod to accurately space the cuts.

- ◆ A crosscut sled that features a t-slot at the top that accepts a self-adjusting tension clamp and swing down stops.
- ◆ A crosscut sled that produces a 45 cut with the blade set at 90 degrees.
- ◆ A crosscut sled for cutting segments for segmented bowls.

## Show & Tell

**T**om Kenyon produced a slide show and described the construction of a table that sits on the wall below the wall hung flat panel television. The object of the table was to



hide the cables emanating from the electrical connections and housing the electronic accessories linked to the TV. He created the t h r e e

dimensional design using Vector Works on his computer.

It's made from canary wood and finished with wipe-on poly. The rounded corners on the front of the cabinet are made up of segments of 8/4 stock. The marquetry on the top looks as though it's made of too different woods. Tom created this illusion by selecting color variations from the same wood. The front of the cabinet has a panel covered with grill cloth to allow signals from a remote controller to get through.





**South Bay Woodworkers Association**

4107 Acapulco Drive  
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**Program Committees**

This section is now available on the club website. Please check the site for the most up to date schedule.

[southbaywoodworkers.org](http://southbaywoodworkers.org)

Contact Dennis Yamamoto for any changes to the committee schedule.

**OFFICERS**

President	Chuck Aring
Vice-President	Dennis Yamamoto
Secretary	Ron Gerard
Treasurer	Syd Dunton
Newsletter	Larry Schwarcz
Photographer	Fred Sotcher
Librarian	Mike Wirth
Web Master	Tom Kenyon

**Next Program Committee**  
Please take the ice chest home after the meeting

**Refreshment Suggestions**  
**Variety of Soft Drinks (48)**  
Water, Regular, Diet, Caffeine-Free, Juices  
**Varied Snacks:** Donuts, Cookies, Chips, Nuts