

Knothole News

www.greencountrywoodworkers.org



PRESIDENT'S MESSAGE

Greetings and a Happy New Year wish to all of you. My hope is that you all are staying well during this very trying pandemic. Someone recently told me to stay positive, my reply was that being positive had some possibly very bad connotations in today's world. So, stay positive but just don't test that way! My hope that we would be able to safely meet again early in 2021 doesn't appear likely to be fulfilled, but hang in there.



Recently I have been able to pass some of our Club business cards out and to encourage people to take a look at our website. If anyone needs any of the business cards please let me know and I will find a way to get you some.

I have not been very diligent with making things recently, but have managed to do some clean up, straighten up, and general maintenance on the shop and tools. If I were much, much younger my parents would likely claim that I'm spending too much "screen time". YouTube is a seemingly infinite resource, some of the content much better than other, and I am a big fan of Wood Workers Guild of America. They have a lot of free videos and information but membership is pretty inexpensive. If you haven't tried it, you might do so (www.wgoa.com).

Keep in mind that while we may continue to be in solitary confinement we can still keep in touch and continue to share our skills, experience, successes and failures. Stay safe.

Bill Nay, President

Officers

President	
Bill Nay	918-492-8481
Vice-President	
Gregg Zumwalt	918-605-2761
Secretary	
Bill Morgan	918-369-6435
Treasurer	
Ray Hucek	918-618-2980

Club Committees

Continuing Board Member

Harold Blalock

Luncheon

Bill Morgan 918-369-6435

Membership Management

Vacant

Name Tags

Ray Hucek 918-618-2980

Newsletter

Mike Ruttgen 620-717-4520

Program Coordinator

Vacant

Toys / Show & Tell

Betty Zumwalt 918-249-4663

Toy Wheels & Axles

Jim Rouse 918-636-9286

Webmaster & Photographer

Arthur Barber 918-671-2437

Photos Submitted by Members

I made this for a friend. I used quarter inch oak with walnut highlights. And then had the initial laser engraved at Alpha Awards and Engraving in Bixby for \$15.00. (Ray Hucek)



Photos Submitted by Members (Continued)

I made these push/pull oven tools, one from cedar and the other from basswood, so that you won't burn your hand or fingers.

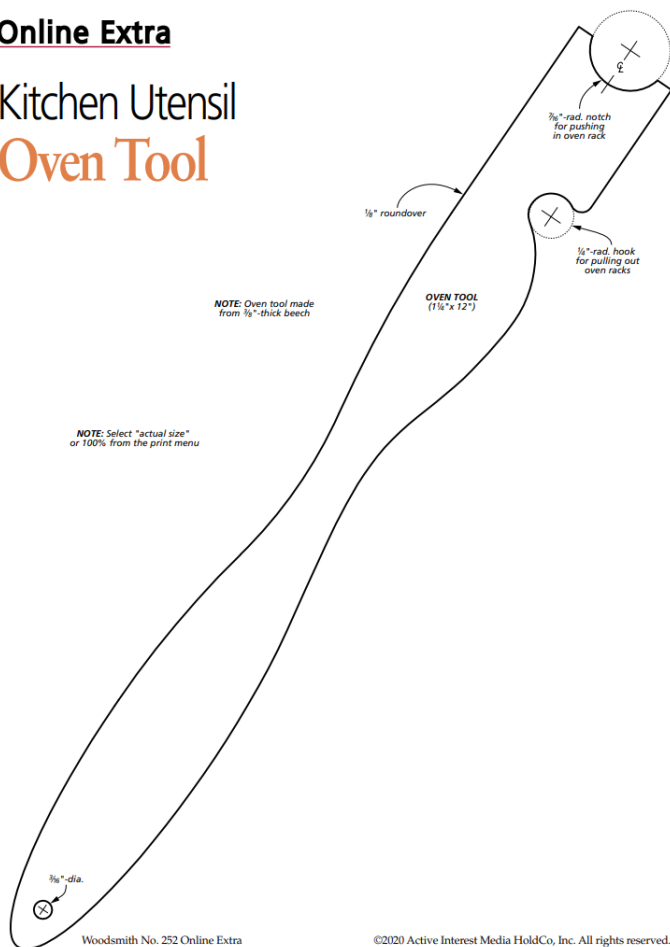
(Robert Karl Rothenbucher)

For full-size plans, go to

<https://cdn.woodsmith.com/files/issues/252/kitchen-utensil-dough-scraper.pdf>

Online Extra

Kitchen Utensil Oven Tool



Photos Submitted by Members (Continued)

I made kitchen cabinet roll out trays for lower cabinets. I used my new plate joiner with biscuits and glue for assembly. Joinery took only minutes rather than hours that would be required by other methods.

The drawer slides were a really good price through Amazon. They are high quality 100 lb. full extension slides made by Promark. The 22" ones were \$6.80 pr. They seem to be as well made as any of the far more expensive ones available elsewhere and they work well.

The trays are made from edge glued pine panels from Lowes that were 24" x 72" and cost about the same as hardwood plywood without the hassle of dealing with 4' x 8' sheets.

Since the trays are solid wood I made the sides from cut-offs with grain running the same direction as the bottom panels to deal with expansion and contraction.

The front and back of trays are 1 x 4's imported from Finland also from Lowes.

I'll stain everything to match the cabinets when I get around to it.....or not.

(Gregg Zumwalt)



Photos Submitted by Members (Continued)



A few new additions to the shop. A nice Powermatic table saw and a Uniplane.

(Ron Smith)



Photos Submitted by Members (Continued)

Santa Clause brought me a 50' retractable air hose. I decided to mount it to the ceiling above my band saw, which is rarely moved. The air compressor is on the backside of the wall behind the cabinets.



And I replaced my router table top. It originally had peel and stick, 12" floor tile; but over time, the glue failed out and saw dust took over.

This new solid-surface is made from a 2' x 4', fluorescent, ceiling light panel. The material is break-resistant, acrylic plastic, 3/32" thick. I cut it to fit and used contact cement to glue it to my 1.5" particle board top. It is super smooth and slick now!

(Mike Ruttgen)

Photos Submitted by Members (Continued)

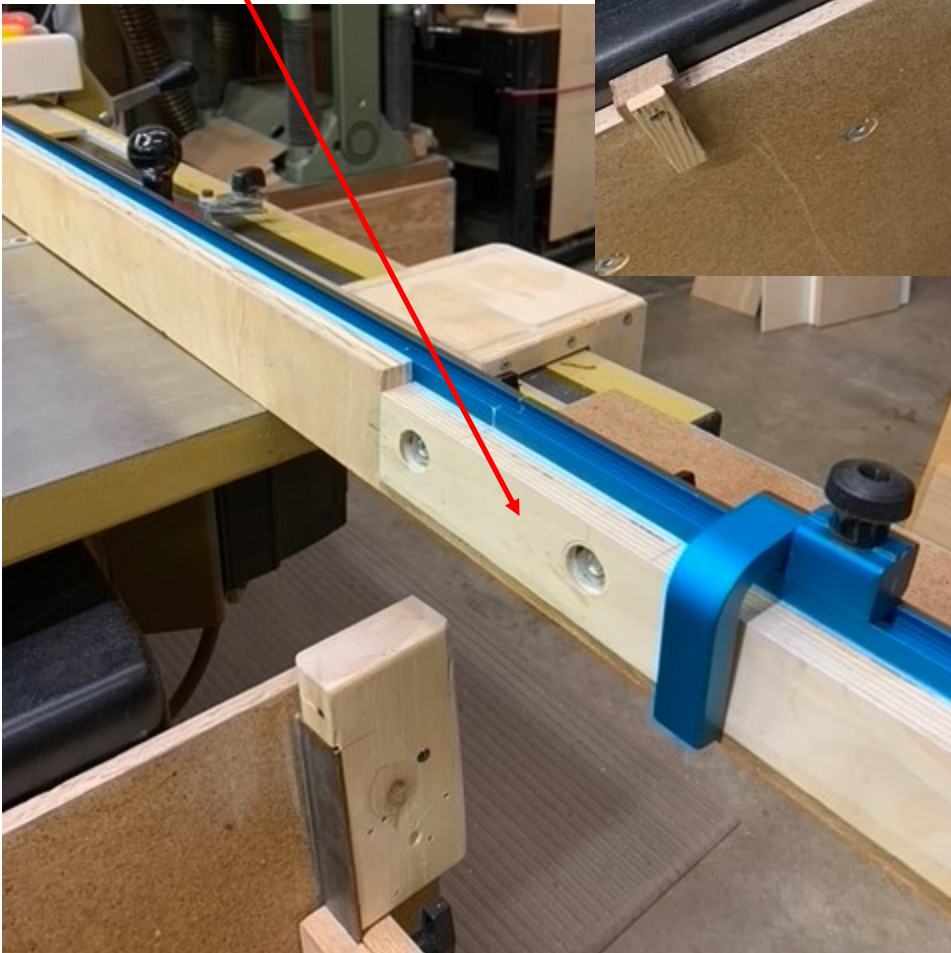
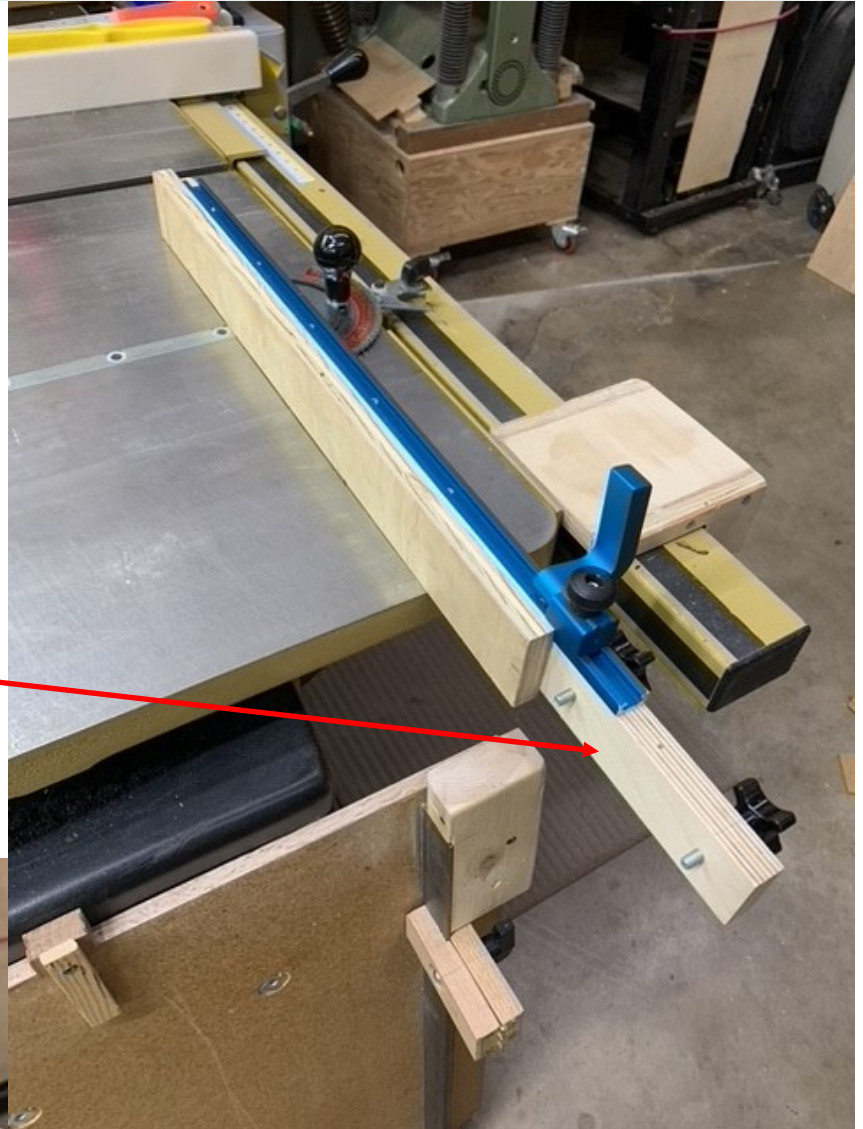
I recently spent some time with my table saw: cleaned a couple of blades (dish soap, a few minutes soak and old toothbrush works so well), checked alignments for square and renewed the “well used” edge of my table saw sled with a new piece of oak.

I also renewed and upgraded my miter gauge with a new fence, removable 2' extension, T-track and flip stop.

(Bill Nay)

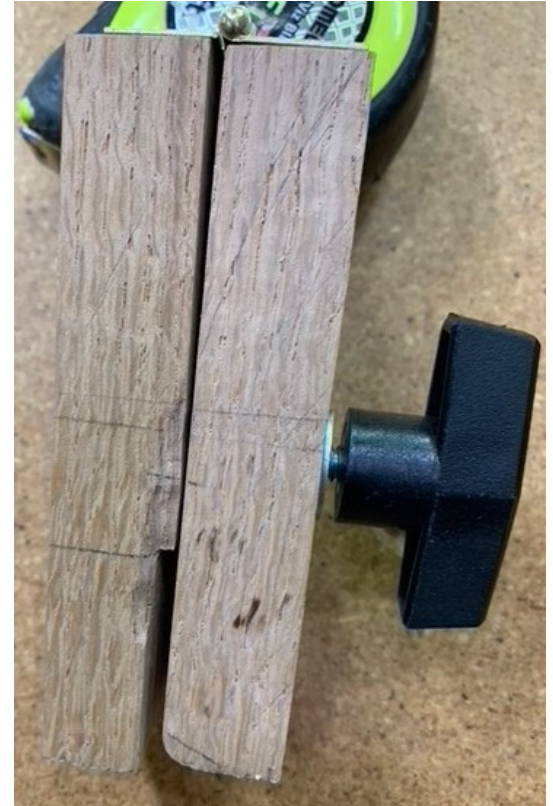
Without the extension

With the extension



Photos Submitted by Members (Continued)

And here is a new “fancy” stop block I made to replace the “scrap of wood and clamp” I’ve used for years. It makes it a lot easier to measure and get the saw kerf where I want it. (Bill Nay)



THE WOOD DATABASE (www.wood-database.com)

Have you checked out The Wood Database? I find their Wood Finder particularly useful when I want to know more about a wood species. You can search by common name or filter via these characteristics:

Color/Appearance:

- White/Straw (128)
- Black (23)
- Burl (7)
- Olive/Green (17)
- Dark Brown (126)
- Yellow/Gold (169)
- Figure (14)
- Gray (23)
- Light Brown (385)
- Orange (30)
- Pink (17)
- Purple (15)
- Red (25)
- Reddish Brown (325)
- Streaked (45)

Location:

- North America (179)
- Asia (83)
- Australia/New Zealand (79)
- South America (79)
- Africa (64)
- Europe (62)
- Central America (60)
- Pacific Islands (54)

Decay Resistance:

- Durable (72)
- Moderately Durable (126)
- Non-Durable (185)
- Perishable (109)
- Very Durable (144)

You can also filter based on weight, Janka hardness, elasticity and crushing strength.

They have advanced hardwood filters based on:

- Porosity
- Pore arrangement, size, frequency and contents
- Parenchyma
- Ray width and spacing

And they have advanced softwood filters based on:

- Resin canals
- Tracheid diameter
- Grain contrast

“Canarywood” from THE WOOD DATABASE



Canarywood



Canarywood (sealed)

Common Name(s): Canarywood, Canary

Scientific Name: *Centrolobium* spp.

Distribution: South America (from Panama down to southern Brazil)

Tree Size: 65-100 ft (20-30 m) tall, 2-3 ft (.6-1.0 m) trunk diameter

Average Dried Weight: 52 lbs/ft³ (830 kg/m³)

Specific Gravity (Basic, 12% MC): .65, .83

Janka Hardness: 1,520 lb_f (6,750 N)

Modulus of Rupture: 19,080 lb_f/in² (131.6 MPa)

Elastic Modulus: 2,164,000 lb_f/in² (14.93 GPa)

Crushing Strength: 9,750 lb_f/in² (67.2 MPa)

Shrinkage: Radial: 2.4%, Tangential: 5.6%, Volumetric: 8.4%, T/R Ratio: 2.3

Color/Appearance: Heartwood color can vary a fair amount, from a pale yellow-orange to a darker reddish brown, usually with darker streaks throughout. Pale yellow sapwood is sharply demarcated from heartwood. Color tends to darken and homogenize with age.

Grain/Texture: Grain is typically straight, but can be irregular or wild on some pieces. Uniform fine to medium texture with good natural luster.

Endgrain: Diffuse-porous; large pores in no specific arrangement, few; solitary and radial multiples of 2-3; mineral/gum deposits occasionally present; growth rings indistinct; rays not visible without lens; parenchyma varies depending on species: can be vasicentric, aliform, and confluent.

Rot Resistance: Rated as very durable in regard to decay resistance, as well as being resistant to termite and marine borer attack.

Workability: Easy to work with both hand and machine tools, though some tearout can occur during planing on pieces with wild or irregular grain. Good dimensional stability. Turns, glues and finishes well.

Odor: Canarywood has a distinct scent when being worked.

Allergies/Toxicity: Besides the standard health risks associated with any type of wood dust, no further health reactions have been associated with Canarywood.

Pricing/Availability: Generally available in good sizes of lumber, and occasionally also offered as turning blanks. Prices should be moderate for an imported hardwood.

Sustainability: This wood species is not listed in the CITES Appendices or on the IUCN Red List of Threatened Species.

Common Uses: Construction lumber, railroad crossties, flooring, veneers, boatbuilding, furniture, cabinetry, and turned items.

Comments: Some pieces of Canarywood can be almost rainbow colored—with dark red streaks, along with the natural orange, yellow, and brown coloration.

Canarywood is said to have good acoustic properties, and is sometimes used for speaker enclosures and entertainment system cabinets.

Tips and Tricks

Latch Repair

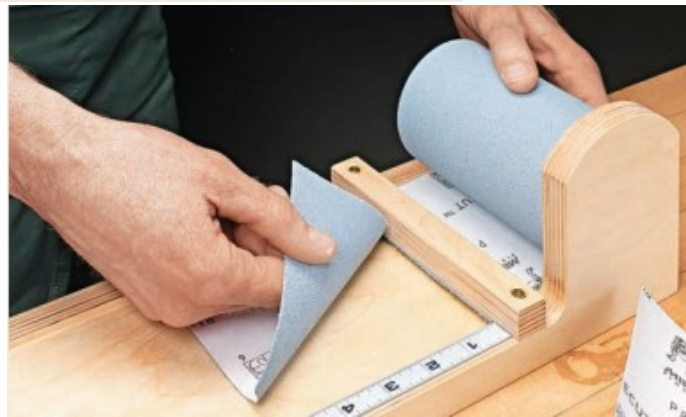
A number of my tools are stored in molded, plastic containers. The tool fits nicely, but the latches don't always last as long as the container. After several years of opening and closing, these latches can break.

An easy replacement is an oven safety latch, like the one you see at right. They can be found in the baby aisle of most discount stores. They adjust to fit any tool box, too.

*Peter Maczik, Jr.
Freeland, Michigan*



Article by
Peter Maczik, Jr.
"Latch Repair"
Woodsmith
Issue 188
(April 2010):
Page 7.



Sandpaper Dispenser

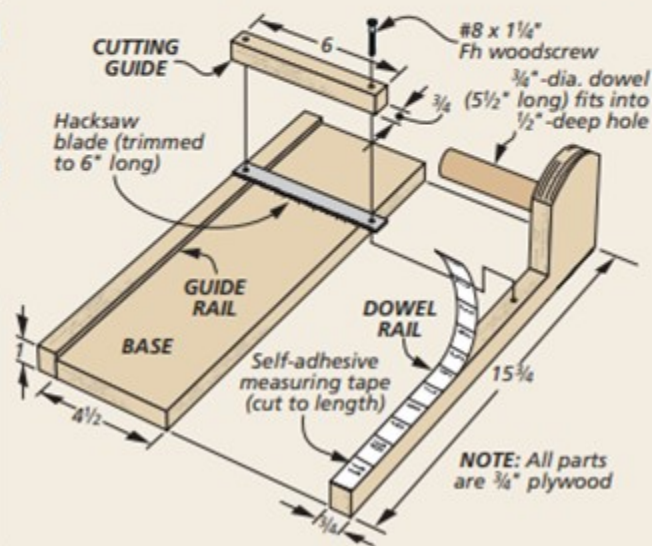
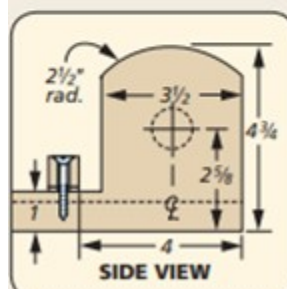
Self-adhesive sandpaper is great, but it can be difficult to cut it cleanly from the roll. So I came up with this handy dispenser to solve the problem.

It consists of a plywood base sandwiched between two guide rails. One of the rails has a tall face at one end with a dowel mounted on it. The dowel allows the sandpaper to unroll easily.

A plywood strip with an added hacksaw blade lets you cut the paper to length. By installing a measuring tape along the guide rail, you can

measure out the precise length of sandpaper you need before cutting it (photo, above).

*Albert Santoni
Iron Mountain, Michigan*



Article by
Albert Santoni
"Sandpaper Dispenser"
Woodsmith
Issue 206
(April 2013):
Page 5.

GREEN COUNTRY WOOD- WORKERS

The Green Country Woodworkers are made up of men and women who are interested in woodworking as a hobby.

.....

The monthly meetings are conducted as educational forums for the benefit of our members and guests. We have idea exchanges, problem solving sessions, safety tips and tool tips plus a main speaker on topics related to woodworking in all its phases.

.....

The club sponsors community service projects such as making Toys for Tots at Christmas and supporting Beads of Courage by turning bowls and making boxes for children undergoing cancer treatment at Children Hospital at Saint Francis. The containers hold the children's beads. The beads represent their treatment progress.

KNOTHOLE NEWS

c/o Mike Ruttgen
rruttgen@att.net
(918) 200-9332, home

OBJECTIVES

- To provide the Knothole News, a monthly newsletter
- To promote woodworking and participate in woodworking and craft shows to inform the public of club activities
- To make wooden toys which are donated to selected organizations throughout the year
- Monthly Show & Tell; all items entered in the show and tell will be presented to the membership by the builder

Membership applications are available at each meeting from the club secretary or treasurer. At this time, no membership fee is charged.

MEETINGS

The club meets on the second Thursday of each month at 6:30PM, typically at a designated member's shop. The upcoming location and topic are published in advance in the Knothole News.

We also have a monthly dinner/social on the 4th Thursday of the month at 6:00PM; the location is determined during the regular monthly meeting.

WWW.GREENCOUNTRYWOODWORKERS.ORG

Please be sure to check out our new web site for more information about the organization, past Knothole News publications, pictures, resources, etc.

