NEXT MEETING AUGUST 19

AUGUST - VOLUME 3, ISSUE 8

# ASSOCIATION OF REVOLUTIONARY TURNERS

AUGUST 16, 2004

WWW.REVOLUTIONARY-TURNERS.COM

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VENDOR NEWS

CLASSIFIEDS

#### SAFETY TIPS

- Always wear a face shield!!!
- Make sure your tailstock is LOCKED before turning on the lathe!!!
- When you have to chase your lathe around the room, you're turning speed is too high.

#### PRESIDENT'S COLUMN - KEN LINDGREN

The selling season is upon us. For those of us who do, we are crazy with activity. For those that don't, you're scratching your head wondering what the fuss is all about. For those riding the fence, read on.

To quote Shakespeare, "Why to I turn to sell...let me count the ways."

- 1. I don't have a job and I need the money.
- 2. I do have a job but my house is becoming full of stuff.
- 3. All of my friends and relatives say they have enough of my work.
- 4. I don't know what else to do with all the logs growing in my back yard.
- 5. I get to go out in the fresh air and meet wonderful people.
- 6. The food at fairs is always measured in the thousands of calories
- 7. I can sleep until 9 and still be at the fair by opening time at 10.
- 8. Pete does it so it must be good.

- I love the majority of people who always ask "Can I put food in it?"
- 10. I bounce blanks off plexiglass and scare the living #\*!@! out of people
- 11. I can buy more tools with the money I make.
- 12. I love to watch kids faces as Mike gives out free tops.
- Sharon is the best sales person I've ever seen.
- 14. I keep track of the number of people who say "I'll be back." but don't.
- 15. My ego gets massaged every time someone says "beautiful stuff."
- 16. The Smithsonian said "Get out, stay out, and don't come back!"
- 17. I impress people when I say I'm an artist.

For those reading this, e-mail me back with your reasons. It would probably be a fun 10 minutes at the next meeting to recite the top 10 reasons why people sell their work. Vote for your favorites and I'll keep score.

#### MEMBERSHIP HAS ITS PRIVILAGES...

#### **CA Glue & Accelerator Available**

Thin CA Glue	2oz	\$4.00
Medium CA Glue	2oz	\$4.00
Thick CA Glue	2oz	\$4.00
Black Medium CA Glue	2oz	\$6.00
Accelerator w/pump	2oz	\$3.00
Anchorseal	1gal	\$7.00

- 3" Velcro backed sandpaper discs
- 80 to 400 grit 10/pack \$2.00

#### **MEETING MINUTES - JUNE MEETING**

SPECIAL MEETING - CRITIQUE NIGHT

Ken Lindgren called the July meeting to order at 7PM.

Welcome to new members Rod and Elaine Cleaves, who were attending their second meeting. Welcome also to prospective members Tim and Carolyn.

Mike Souter brought in cookies this month. Gary Bashian will take next month.

This meeting will be devoted to the critique night. This will be a "roundtable" format, where everyone participates in the judging. Comments will be verbal.

Ken mentioned the AAW critique sheet, as well as the guidelines and criteria for tonight's event:

tear out

sanding marks

tool marks

flat spots

thickness

shape/style/function/art

finish

texture

color

bottom

"What could have been done differently?" was mentioned as a discussion point.

Devon Thibeault donated to the club a security camera that can be used at demos, which he mentioned a few month ago. Thanks, Devon.

Andy Osborne spoke about the various items the club sells – glue, sandpaper, AnchorSeal, etc. Andy said he would have a sign-up sheet for larger sizes of the CA glue, which are an even better value than the 2 ounce bottles we have now.

The Luke Mann registration forms were mentioned. We will try to have a tape of the Luke Mann demo

for the August meeting.

There was also literature on Betty Scarpino, an instructor at the Center for Furniture Craftsmanship in Rockport, Maine.

#### CRITIQUE EVENT

Ken Lindgren brought a low walnut bowl with carved rim. Ken had bleached the piece, which lightens the wood, but does not penetrate the surface. Ken had re-turned the rim to remove the bleached wood and darken that area, and also to define the bleach/no-bleach border.

Ken mentioned that wood bleach is a 2-part liquid, and it usually lasts 1-2 days, once mixed. Frank Movitz was good enough to take a package of wood bleach off the store shelf, which Ken opened for display. Bleach works on every wood but cherry. Devon later mentioned that there are three kinds of bleaches, see him for details. Clorox is not suitable for wood.

Mineral oil colors wood the least of the oils. Andy Osborne mentioned that a water-based urethane, such as Minwax, is good for non-coloring.

It was mentioned that using a power carver is much faster than carving by hand. Devon Thibeault, who does a fair bit of carving, said that maple is the only wood where power carving is faster than hand carving. He also said that power carving is harder on the hands.

It was mentioned that the inside of Ken's bowl could be sanded better.

Ken said that only straight tools were used, at a speed of 1000 - 1200 RPM, and he did get some tear out.

Devon indicated that it's easier to carve dry wood than wet. Air-dried wood is more stable than kiln-dried. Devon explained that kiln-dried wood is typically taken down to a 4% moisture content, and after drying the moisture level tends to creep back up.

Ken said that it's difficult or impossible to carve around a corner, as on the edge of his bowl. In"Ken mentioned the AAW critique sheet..."

#### MEETING MINUTES - MAY MEETING (CONT.)

stead, he suggests carving each surface separately. He also said it's difficult to get a uniform depth in carving.

Steve Reznek showed two segmented bowls of cherry with poplar separator pieces. Finish is ure-thane oil.

Steve said there was a slight undercut at the rims. Andy mentioned some pinholes in the finish. There was some tear out on the edge. Steve mentioned the bowls were assembled with Gorilla glue, which he likes, and recommends be used with some sort of clamping pressure.

Peter Teubel suggested finishing with 4 coats of oil, allowing to dry between coats, and sanding to 800.

It was mentioned that the grain of Steve's separator pieces was not uniform.

The signed area on the bottom was rough. Signing before finishing was suggested.

Frank Movitz showed a large, low bowl of ash with a built-in ring. The ring had been turned with a skew chisel. Sharon Green and Ken both felt the ring was too fat. The surfaces on either side of the ring were not aligned. Devon suggested a spiral-cut ring. Bobbi Tornheim suggested a dental tool to cut deeper and better define the ring.

John Moore had made a natural edge bowl of maple, turned green, and of course it warped. Finish is canola oil.

To reduce the shine of areas covered in CA glue, try mixing some color or flattening agent with the glue or epoxy.

Andy Osborne brought a small ash platter, that had shattered. Andy had glued the smaller pieces to the front of the main piece, dyed the whole thing blue, and mounted it on a set of bent brass rods. He had limed the piece for a pickled effect. It came out OK, but he described using it as a "disaster". Devon suggested joint compound, thinned with water and sanded off.

Dave Moore thought the piece should be mounted

higher. Ken felt the square base of textured lacewood was too plain. Dietrich Kulze suggested a series of similar pieces.

Bobbi Tornhein showed a large flat bowl of walnut crotchwood. The finish was originally pure tung oil, which became "scuzzy", so she sanded it off and changed to arbor oil. It was a simple, graceful shape with a small divot in the middle. Bobbi typically turns a piece anywhere from 2 to 6 times, with waiting periods in between to allow for movement.

Andy suggested Waterlox finish. Mike had food go bad on him and ruin a finish. Steve mentioned that wax would protect the finish.

Donna Banfield brought in a white oak salad bowl, turned green, finished with mineral oil, and of course warped.

Devon Thibeault had brought a vase of elm with a scalloped shell carving with tiny conch shells glued on with CA. He said the total time taken was only about an hour. Mike suggested a straight base, rather than flared.

Bill Rawls showed a segmented plate. One person felt it was a bit thick.

Gorilla glue or Titebond 3 was suggested.

Ken highly recommends a vacuum chuck system.

At this point, the critique was ended to leave a few minutes for general business and the wood swap.

The August meeting will be the third Thursday in August (8/19), this month only, to avoid conflict with Marshfield Fair.

Volunteers are wanted to sell or demo at Marshfield in 2 shifts, 10AM - 4PM and 4PM - 10PM. See schedule published by Peter Teubel.

Anyone signing up to demo/turn at a club event must be an AAW member, for insurance reasons.

The wood swap brought in \$35 this month.

The meeting was adjourned at 10:00 PM.

" John Moore
had made a
natural edge
bowl of maple,
turned green,
and of course it
warped. "



#### **MEDIA LIBRARY**

#### **Current Video Inventory:**

- \* Turning Wood with Richard Raffan
- \* Turning Boxes with Richard Raffan
- \* Turning Projects with Richard Raffan
- \* Bowl Turning with Del Stubbs
- \* Skill Building Projects with Mark St. Leger
- \* Sharpening Fundamentals
- \* Turning Projects from Scrap with Bob Rosand
- \* Natural Lipped Bowls Ken Bullock
- \* Wooden Bowls on a Budget Ken Bullock
- \* Rude Osolnik Dean of American Woodturners
- \* David Ellsworth Tape #1
- \* David Ellsworth Tape #3
- \* David Ellsworth Tape T
- \* Skew Chisel with Alan Lacer
- \* Turning a Salt & Pepper Mill by Holtham
- \* 1996 AAW Symposium Techniques
- \* 1997 AAW Symposium Techniques
- \* 1998 AAW Symposium Techniques Vol #2
- \* 1998 AAW Symposium Techniques Vol #1

- \* 1999 AAW Symposium Techniques Vol #1
- \* Vessels of Illusion by Trent Bosch
- \* From Tree to Table by Mike Mahoney
- \* Woodturning Wizardry by David Springett
- \* Woodturning A Foundation Course
- \* Mike Darlow DVD set
  - -> Available on VHS tapes

#### **Current Book Inventory:**

- \* Woodturning TIME/LIFE Book
- \* The Fine Art of Small-Scale Woodturning
- \* Fundamentals of Woodturning by Mike Darlow
- \* Woodturning Methods by Mike Darlow

"If anyone would like to donate any ORIGINAL videos (no copies), please contact any of the club's officers."

#### **CLUB EVENTS**

<u>August 20 thru 29</u> - Marshfield Fair. Demonstrating and selling venue.

October 1 thru 12 - Topsfield Fair. Demonstrating and selling venue

#### LINKS OF INTEREST

<u>HAPFO CNC Woodturning Lathes</u> - Very cool video clips that might have you hanging up your spindle turning tools. http://hapfo.co.uk/tech/vidpage.htm

#### **AUGUST MEETING AGENDA**

Remember to bring in some wood for the wood swap to help support the club!

#### 6:30pm-7:00pm

Arrive early for some social time and please remember to park across the street at the Fleet ATM parking lot.

#### 7:00pm-7:45pm

- \* Club business
- \* Announcements
- \* Show & tell. Bring your pieces in for discussion

#### 7:45pm to 8:00pm

Break

8:00pm-9:00pm

Demo - T.B.A.

9:00pm-9:15pm

Break

9:15pm - 10:00pm

Wood Swap

#### SHOP VISIT WITH DONNA BANFIELD

#### By Gary Bashian

On Saturday, July 31, 2004, Mike Green and I went for a shop visit to Londonderry, NH. Our hosts were Donna and David Banfield and their dogs, Eddie, Zach, and Wrenches. The Banfields have a very nice home set on a 6-acre hilltop location in a rural part of Londonderry. The shop is in the garage, where David, also a wood-worker, has a full set-up more geared towards flat wood-working. I saw the dented light fixture and broken chisel, both caused by a piece that broke apart on the lathe, which Donna mentioned a few months ago. Donna and David are planning on building a barn out back, which will house an expanded workshop. There was even talk of a barn-raising next summer.

The initial plan for this visit was to experiment with Donna's new sand-blaster on an oak hollow form that Mike brought along, and perhaps do some turning on her Oneway 2436. That Oneway is a nice lathe. Although we didn't use it, Donna has the outboard turning attachment, which is almost a separate lathe by itself. It has it's own lathe bed, and a toolrest that's twice the size of the main toolrest. Donna says it's good to hide behind in the event of a blow-up. The sand-blaster worked great, but we found that the medium Donna had was too fine. David went off to find some coarser sand, but there was no sand-blast sand to be had in Manchester on a Saturday afternoon.

Meanwhile, Donna, Mike, and I (OK, mostly Mike) set to work on a large vase to be turned in two pieces on Donna's Oneway. Mike selected a 12" log from Donna's woodpile, chain-sawed a few inches off then end to eliminate some small checks, then cut a piece about 20" long . The log was used whole, with a 6" faceplate on one end. With the piece supported by the faceplate and tailstock, Mike and Donna removed the bark with a bench chisel. The Mike turned the piece to round and created the classic urn or vase shape, all with a standard ½" bowl gouge . Then he turned a tenon on the tail end, and held that end with a chuck attached to the live center mounted in the tailstock. Then Mike cut the piece in half with the Peter Toch thin-kerf parting

tool, so it would be much easier to hollow the inside. Mike also experimented with the Kelton straight bar and support jig, which mounts in the lathe's toolrest.

Along the way, Mike used his home-made wheel-dressing jig, which is just a standard dressing tool mounted in a wooden block, with a strip attached which rides on the front edge of the Wolverine or other platform so that the wheel is dressed evenly.

With the piece cut in two, Mike proceeded to hollow out the bottom half. Donna also did some hollowing on the lower half. Mike then cut one side of a half-lap joint, for joining the two halves back together later. He used a skew chisel for a clean cut. With the bottom done for now, it was removed and the top half mounted, still in the chuck. Gary hollowed out the top with the ½" Ellsworth bowl gouge, leaving enough wood to support the chuck.

At this point we broke for lunch. Donna had made some great burgers, which really hit the spot. We ate out on the deck, over-looking the backyard.

Back in the shop, with the bottom on the headstock and the top on the tailstock, Mike applied CA glue to the joint and brought the top and bottom together. He then turned the joint smooth, made some finishing cuts on the whole piece, and added three thin lines with burning wire, to cover the joint. Mike then sanded the outside of the piece.

At this point, we still need to remove the chuck and make the whole for the top. The piece is about 16" – 18" long, and the faceplate at the headstock end really isn't enough support by itself. We mounted a very substantial 3-point steady rest, which Donna had gotten with the lathe. See pictures. It's a multilayer plywood ring, with sliders to support the piece. The wheels on these homemade steady rests are usually inline skate wheels with rubber tires, but this one had large steel bearings. With the piece supported this way, the chuck was removed and the wood at the top turned through to make the hole. The Mike did a little final turning and sanding at the top.

Next Mike brought the chuck on the tailstock back in to support the piece, with a piece of cloth to pro-

"The initial plan for this visit was to experiment with Donna's new sand-blaster..."

#### SHOP VISIT WITH DONNA BANFIELD (CONT.)

tect the wood. He then parted the piece off the faceplate.

The final step is to clean up the bottom. The piece was mounted on a vacuum chuck, with the tailstock and live center for support. Mike turned a shallow recess in the bottom, so that the thin edges could be removed on a disk sander, to bring the piece back to level if it ever warped. Then Mike simply removed the small nub in the center with a sanding disk.

No finish was put on for now. I think Mike wants to sandblast the piece later. At this point Dave managed to get his hand "stuck" inside the vase, and he and Mike struggled to get it out. Then we did some clean-up and went upstairs for some pleasant conversation.

An interesting, if rather unusual, end to the day was when we went outside to see the flying squirrels that have been inhabiting Donna and Dave's yard the last few weeks, in the evenings. As if on cue, a squirrel flew from the chimney to a nearby tree.

Mike says it's about 35 – 40 feet. I say more like 25 feet. Anyway, it's a pretty amazing thing to see.

We left around 9PM after an enjoyable day. Thanks to Donna and Dave for having us, and to Mike for giving so generously of his expertise. I think shop visits are something the club should do more of.





" I think Mike wants to sandblast the piece later. "





#### NOTES FROM THE 'NET

## **Lathe Tools Storage Solutions**









#### NOTES FROM THE 'NET (CONT.)

#### **New Tool for Hollowing Endgrain**

By Al Crandall

Thursday I had a chance to try hollowing end grain using a 3/8 ball nose end mill for the cutter. It was used in a standard end drilled boring bar and held in place with the usual set screw. Before the test I really didn't think it would cut any better than a scraper with a good burr. After the test I had changed my mind. It could be made to cut very aggressively going across the grain in the bottom, as I had no trouble cutting a swath about as deep as the radius of the cutter. The finish it left was clean with no chatter or tearout. The sides could be wiped clean using the endmill and the transition to the side cut was cleanly cut also. The test piece was green box elder. The shavings tried to stream off the cutter edge like you would expect from a hook or ring tool, but the geometry of the mill at its centerline in the ball area acted like a chip breaker, and the shavings were forced straight back along the centerline of the mill and wound up hitting me in the face. Had the mill been mine in my shop, I would have thinned the steel at the ball area so the shavings could pass over the centerline of the mill and stream out of the work past my right elbow.

A positive to using a two flute ball nose end mill is that when the cutter gets dull, you have another sharp edge waiting to be rotated into place. A second plus is that it effortlessly drills its own hole in the spinning work. A negative is that sharpening a ball nose end mill by hand takes a finesse like sharpening the Ellsworth grind by hand. Its flute is a multi-axis spiral, but it can be done with a little patience. I think I need to drag out some of those old endmills just rusting away in my tool boxes and give them a second lease on life.



"...when the cutter gets dull, you have another sharp edge waiting to be rotated into place. "

#### MONTHLY SHOP TIPS

#### SAFETY TIP

By Gary Bashian

Some of you may remember a few months ago when Donna Banfield suggested plastic fluorescent tube shields as a way of containing the shattered glass if a tube should break. I've known about them for a while, and I have them on 1 of my 3 fixtures. Tonight I had a graphic demonstration of just how important they are.

I went downstairs to do a load of laundry, and moved the bandsaw from in front of the washing machine. I noticed some debris where the saw had been. I reached over

and around the tablesaw and bandsaw to get to the broom propped against the wall. I lifted the broom over the tablesaw, and right into the fluorescent fixture above. One of the bulbs was knocked loose, fell to the floor, and shattered. This was not the one fixture that has tube shields on it, so little shards of glass went everywhere. I was not hurt, but this is potentially very dangerous. I don't like to think what could happen if some of those little pieces of glass had gotten in the wrong place. I have also seen tubes explode for no reason at all.

The lesson is simple: Get

tube shields for all your fluorescent fixtures. I will get 2 pairs tomorrow night. There's no excuse not to.



Derrick TePaske's new Stubby Lathe

#### OTHER EVENTS

Thusday Spetember 9, 6:00pm - 9:00pm

Peter Teubel will be teaching "The Art of Pen

Turning" at the Woodcraft store in Woburn on . In
addition to making a European designer pen in
class, all students will take home 2 addition pen
kits (complete with wood blanks), a set of pen
bushings, and a complete set of pen turning
tools. Cost is \$80.

Sunday, September 12, 10am - 4pm

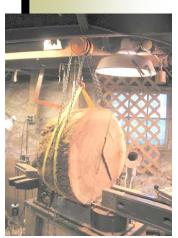
Peter Teubel will be teaching "Sharpening for the Woodturner". If your woodturning tools aren't cutting the way you think they should, spend the day learning how they should be shaped, how to get them that way, and how to put that sharp edge on them. This class will cover tool geometries, grinder selection, grinding wheel selection, available jigs and fixtures, grinding and honing techniques and more. Students will learn on the defacto standard of sharpening jigs, the Oneway Wolverine system. Cost is \$75.

Tuesday September 21, 6pm - 9pm

Peter Teubel will teaching "Turning Bottle Stoppers". Learn the tips and techniques that produce excellent results every time. Peter will show you how to cut, turn, sand, apply a durable finish quickly and then assemble the parts. After completing one style stopper, you will take home two additional kits, wood blanks, and a complete set of turning tools. Cost is \$80.

Sunday September 26, 10am - 4pm
Frank Movitz will be teaching "Turning I:
Bowls". Frank will teach you blank selection,
chucking techniques, form and finishing. He
will highlight wet wood versus dry wood and
show you how to put a fingernail grind on your
gouges. Cost is \$95.

" Send your tips to Peter Teubel for publication in our Monthly Shop Tips section! "



Derrick TePaske's uses a hoist to mount his work

#### A.R.T. ANNUAL SUMMER PICNIC

This year, our annual summer picnic was held at the home of Ken Lindgren. A good time was had by all!













" All photos courtesy of David Eaton "



#### **VENDOR NEWS**

#### <u>Triton Powered Respirator</u>

Woodcraft Store

Woodcraft is now stocking the Triton powered respirator. A very unique and affordable fresh air breathing system that is perfect for woodturners. More details at http://www.triton.net.au/products/resp.html.





#### A.R.T. MENTORING PROGRAM

Our Mentoring program is designed to help the novice as well as the intermediate turners in the club. Take advantage of the Mentors listed below. They've all agreed to spend a few hours with anyone to help the beginner get started or the intermediate to advance their skills. All it takes is a phone call to make an appointment.

Peter Teubel - Milford, MA (508) 662-4932 pteubel@comcast.net

Mike Green - Lowell, MA 978-459-8308 mgreenburl@juno.com

Frank Movitz - Marblehead, MA 781-631-4411 gwpb@attbi.com

Derrick TePaske - Belmont, MA 617-489-0169 go.den@verizon.net

Steve Reznek - Concord, MA 978-287-4821 reznek@aol.com

Jack Grube - Londonderry, NH 603-432-4060 jackgrube@aol.com Dietrich Kulze - Billerica, MA 978-663-5241 dk3@reuse.com

David Vaughn - Reading, MA 781-944-3389 janvaughn@comcast.net



"All it takes is a phone call to make an appointment."



#### CLASSIFIEDS

**Look!** No Batteries Required...Ever Again! Batteryless, 110 VAC Powered Laser Pointer for those deep hollowing jobs. Plugs into any standard 110 VAC outlet. Use with deep hollowing systems such as the Jamieson, Kelton, Oneway, Pro-Forme, Dave Reeks, homemade, etc. varieties.

Price: \$25.00 each.

**Get perfectly side ground edges on all your bowl gouges.** Improved, easy to use gouge sharpening jigs. No matter what the sizes of your gouges, there is a sharpening jig to give you that perfectly ground edge. For use with the Wolverine or similar grinding aid. Three sizes to properly fit all gouges:

Size: Prices

 Small (up to 3/8" dia.)
 \$12.00 each

 Medium (3/8" - 5/8" dia.)
 \$12.00 each

 Large (5/8"-7/8" dia.)
 \$12.00 each

 Set of all three:
 \$30.00 (Save \$6.00)

**Ultra-Thin Kerf Parting Tool**. Blade is only 0.050" thin to give those wood saving and grain matching cuts. Overall length approximately 9-1/2" with comfortable handle for good control. Made from hardened High Speed Steel for a lasting edge and stiffness.

Price: \$20.00 each.







Bowl Gouge Sharpening Jigs



Ultra-Thin Parting Tool

Please add \$5.00 Shipping and Handling to your order (no matter the number of items ordered being shipped to the same address at the same time).

To order, please make checks payable to Peter Toch and mail to:

Peter Toch 6565 Fairway View Trail Roanoke, VA 24018

For questions or further information, please contact Peter Toch at (540) 774-4152 or ptoch@adelphia.net

\* NOTE: These items are also available thru <u>Mike Green</u> at our monthly meetings.

" Classified ads are free for members . Just send your ad to Peter Teubel."

## **1HP DUST COLLECTOR**

Reliant 650cfm, aftermarket Penn State Industries 5 micron shaker felt bags w/view window in bottom bag. Well used but works perfectly. Much greater airflow than using the stock bags. I just upgraded to a canister style collector and have no need for this one now. \$100 /bo.

Peter Teubel (pteubel@comcast.net) (508) 662-4932



## **Association of Revolutionary Turners**

"GET INVOLVED"



#### 2004 MEMBERSHIP DUES

Dues for 2004 is now due. Please have cash or check ready at the meeting.

**AUGUST 19 MEETING** 

### ~ LEGAL STUFF ~

The Association of Revolutionary Turners (A.R.T.) was founded in 2001 to support the needs of woodturners in eastern Massachusetts. Its purpose is to provide education, information, and organization to those interested in woodturning. We meet on the 4th Thursday of every month at the Woodcraft Store in Woburn, MA. Memberships are on a calendar basis from January 1st through December 31st. Annual dues is \$20 per person.

President: Ken Lindgren (781) 762-4066 kenlindgren@norwoodlight.com

Vice President: Bobbi Tornheim (781) 862-4359 tornheim@rcn.com

Vice President: Joanne Van Pelt 781-365-3473 sweetpeanh@yahoo.com

Treasurer: Peter Priestner (978) 256-4648 ppriestner@comcast.net

Secretary: Gary Bashian (978) 266-1068 garybashian@hotmail.com

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