

METRO DETROIT METALWORKING CLUB – MAY 2011

Treasury report:

April '11 balance: \$714.55

May '11 balance: \$721.10

Vice

Next meeting: June 8, 2011

MCCC – North Lobby of

Building “S” at 7:00pm

Publisher:

Webm

Contacts:

President: Rick Chownyk –

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Treasurer: Ken Hunt –

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President's message: Rick was unable to attend the meeting this month. He was in surgery during the meeting and his hand is recovering at this time. Let's hope for a fast recovery!

Meeting minutes: Scheduling conflicts made it impossible for the Loc-Tite representative to attend our May meeting. Karl Gross is still in contact with him and reports that he may visit at a future meeting when more time is available.

Visitors: Karl Gross introduced his friend Godfried, who is a retired engineer from Bosch. I failed to write down his last name, but hopefully he will visit us again in June.

Christmas in Spring! : Member Kurt Schultz generously handed out freebies from his tooling stash at this meeting. We were treated to involute gear cutters, carbide boring bars, punch tooling and Weldon double-ended milling cutters. There were plenty of tools to share with everyone: thanks Kurt!

Upcoming events:

National Threshers Annual Reunion
Wauseon, Ohio – June 23-26, 2011
www.nationalthreshers.com

Possible group trip: Huckleberry RR
Flint, Michigan - date still open
www.geneseecountyparks.org

Show & Tell: Ron Schmidt shared a bender that he made with plans found in a May 1964 Popular Mechanics magazine. Nice workmanship Ron!



Many of the old back issues of magazines such as Popular Mechanics and Popular Science are now available online from Google at this link: www.books.google.com/books



Ron Grimes brought along his portable pen and pencil making factory. He uses a horizontal pen press to assemble the components, extremely fine frit sanding pads, and fine quality wax to enhance the luster:



Here is a close up of Ron's work. The small item on the right is a toothpick or pill holder:



The decorative bodies can be made from exotic woods or acrylic materials with unique patterns.

Phil Shannon demonstrated his version of a lathe chuck spider. Unfortunately I neglected to get a picture of Phil's version before it disappeared, but this random picture from the web represents the general layout:



Of course, Phil's version was MUCH nicer! The spider is placed on the face of the chuck and assists with flat clamping of thin materials for facing. The safety advantage of the spider over using parallels is that the spider is captured by the chuck jaws. Thanks for the tip Phil!

Steve Huck gave an update on the progress of his V8 project. He was working on sparkplugs and had some difficulty with soldering techniques. Karl Gross recommended Crown Alloys as a source of high quality welding supplies. They are located at 30105 Stephenson Highway, Madison Heights, Michigan 48071, (248) 588-3790. www.crownalloys.com

Steve's model V8 sparkplug is a marvel of miniaturization. Here it is with a standard sized plug for scale:



And a close up with the ball point pen, just in case you missed the electrode detail!



Joe Pietsch shared a v ery unique glass cutting tool from his collection. It has a finely adjustable depth control and is used to make internal cuts on glass tubing for use in boiler construction and maintenance.



What my picture was u nable to capture is Joe's nicely done repair to a crack in the aluminum casting. He used JB Weld and reports excellent success with the product in this application. The repair was barely detectable and had to be pointed out: nice work Joe!

Joe also shared an inexpensive source of bench blocks with us. He has found that hockey pucks have an excellent combination of strength and resiliency for this application. Since the Redwings lost the Stanley Cup in the semi-finals this year there may be a few spare pucks floating around Detroit. Or contact Brian Lawson: I hear the Vancouver Canucks know how to use them!

Please accept my apologies for the delay in delivering this month's report. I am not known for m y publishing skills in MS Word, but have no other viable excuses for the delay. Please sh are any tips or form atting preferences that you may have.

Bob Farr, Secretary