METRO DETROIT METALWORKING CLUB – MAY 2011

Treasury report:	Contacts:	
April '11 balance: \$714.55	President:	Rick Chownyk –
May '11 balance: \$721.10 Vice	Pres:	Emil Cafarelli –
<u>Next meeting</u> : June 8, 2011	Treasurer:	Ken Hunt –
MCCC – North Lobby of Building "S" at 7:00pm	Secretary:	Bob Farr –
Publisher:		John Lee -
Webm	aster:	Steve/Doug Huck – stevehuck@hotmail.com

<u>President's message</u>: Rick was unable to attend the meeting this month. He was in surgery during the m eeting and his hand is recovering at this tim e. Let's hope for a fast recovery!

<u>Meeting minutes</u>: Scheduling conflicts made it i mpossible 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 whe n more time is available.

<u>Visitors</u>: Karl Gross introduced his friend Godfried, who is a retired engineer from Bosch. I failed to write down his last nam e, but hopefully he will visit us again in June. <u>Christmas in Spring!</u>: Mem ber Kurt Schultz generously handed out freebies from his tooling stash at this m eeting. We were treated to involute gear cutters, carbide boring bars, punch tooling and Weldon double-ended milling cutters. There were plenty of to ols to share with everyone: thanks Kurt!

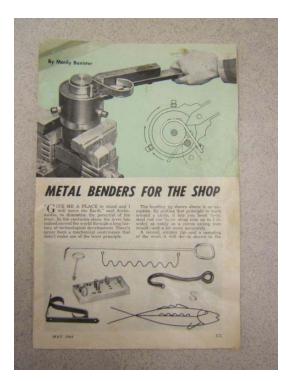
Upcoming events:

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

Possible group trip: Huckleberry RR Flint, Michigan - date still open www.geneseecountyparks.org <u>Show & Tell</u>: Ron Schm idt 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 assem ble the components, extremely fine frit sanding pads, and f ine 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 are can be m ade from exotic woods or acrylic m aterials with unique patterns.

Phil Shannon dem onstrated 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 a ssists with flat clamping of thin m aterials for facing. The safety advantage of the spider over using parallels is that the spide r 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 s ome difficulty with so ldering techniques. Karl Gross recommended Crown Alloys as a source of high quality welding supplies. They ar e 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 cap ture is Joe's nicely done repair to a crack in the aluminum casting. He used JB Weld and reports excellent s uccess 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 Sta nley Cup in the sem i-finals this year there may be a few spare pucks floating around Detroi t. 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