



# SPEC *Sheet*

**SOCIETY OF PLASTICS ENGINEERS – CLEVELAND SECTION**

November 2012 Vol. 56 No. 3

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Editor: Bruce Bille

## **Rapid Prototype and Manufacturing - Thogus Products**

**With Akron Section**

**Monday, November 12, 2012**

Harry's Steakhouse  
5664 Brecksville Road  
Independence, OH 44131

### **Agenda:**

4:30 Board Meeting  
5:30 Cash Bar  
6:00 Buffet Dinner  
6:45 Program

**Price:** Member and/or guest \$25.00  
Retired \$25.00  
Student and/or guest \$15.00

### **Quick Clicks:**

[About the Program](#)  
[Directions to the Meeting](#)  
[President's Message](#)  
[SPE-Cleveland Website](#)

Reservations must be in by noon on Friday November 9<sup>th</sup> with  
Gary Casterline at 330-240-2543 or [gcasterline@gmail.com](mailto:gcasterline@gmail.com).

### **2012 – 2013 Section Officers and Board of Directors**

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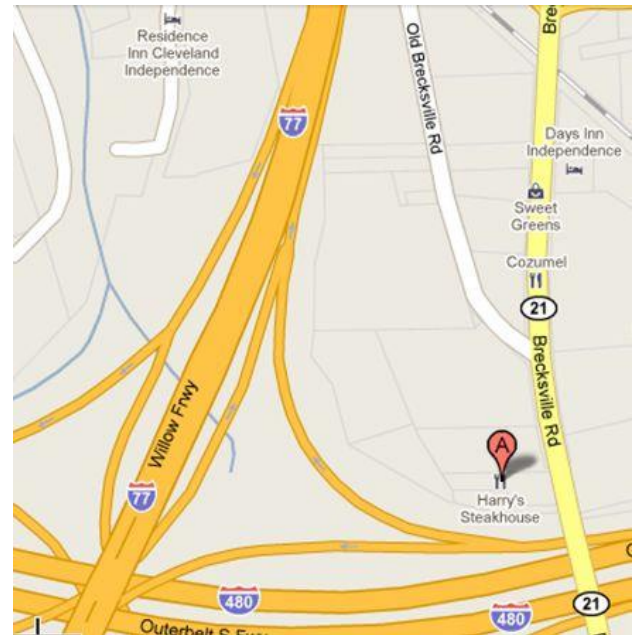
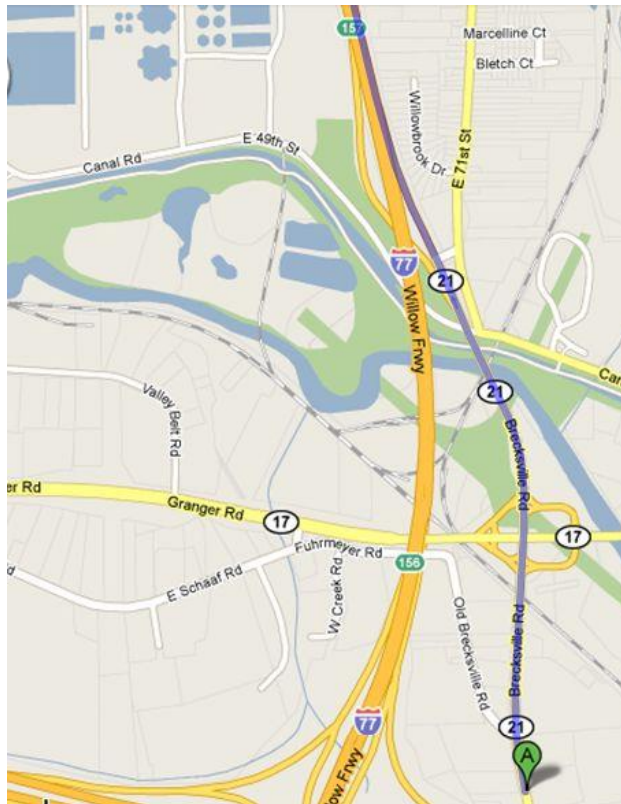
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### ***Directions to Nov 12<sup>th</sup> meeting:***

From Cleveland, take I-77 South to Exit 157 for OH 21/Brecksville Road South  
Drive 1.2 miles, Harry's Steakhouse will be on the right.



([Click Here](#) or Ctrl-click on map above right for directions)

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### **About the Program**

Thogus Products, a 60 year old plastic injection molder, first invested in rapid prototyping equipment in late 2009 with the purchase of two Stratasys 400 machines. In July of 2010 our President, Matt Hlavin, assembled an engineering group with varied backgrounds and coupled them with our rapid prototyping capabilities to establish RP&M.

Investments in RP&M have continued and today we have 5 RP Centers, Vapor/Dip Smoothing, and Infiltration Techniques, and an ongoing program to develop advanced materials for use in rapid prototyping. Our Engineers continue to work closely with our Customers to bring ideas to reality through design, prototyping, and ultimately to production.

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### **About the Speakers**

**Patrick Gannon** – is a graduate of Case Western Reserve University with a degree in Mechanical Engineering. He has worked for a number of different companies specializing in the design and fabrication of material handling systems. Since joining Thogus and RP & M he has been involved with design for manufacturability projects and manages the Rapid Prototyping Division on a daily basis.

**Russ Wolff** – is a graduate of Baldwin Wallace College with degrees in Finance and Management. For 25 years Russ was involved in the operations of an aluminum Die Casting, Forging, and Machining facility. For the last 8 years he has been Business Development Manager for Thogus, RP & M, and Radiation Protection Technologies.

## *President's Message*

By Gary Casterline

Hi folks, I have nothing more to say about the election this month. I cannot answer our house phone any more. I have more exciting news. I just got my reservations to go see my daughter in New Zealand. We are going to celebrate my wife's birthday in March. I had better not say which birthday it is, but it is a landmark (one I attained earlier this year). I like to think we are still pretty lively, but then again, we do seem to have a small pharmacy building at our house. Anyway, back to New Zealand. My future son-in-law works for Ideal Standard. This is what the rest of the world recognizes as the alternative to American Standard that we have here in the Americas. They used to be the same company, but now the American side is separate from the rest of the world. While looking up some fun facts about this, I discovered that Ideal Standard is owned by Bain Capital and they only own a minority stake in American Ideal. Small world, but I was not going to talk about politics again this month. Mostly I wanted to mention that we really do have a global economy. Hopefully you have a job first of all and it would even be better if you were helping to manufacture something in this country. New Zealand is a pretty nice place to visit so tourism is one of their biggest industries, but in reality, they really don't make a lot of goods to export from there. They make awesome wine which is a good enough export for me. Let's hope the rest of the world can continue to find reasons to American goods and Northeast Ohio products specifically. Enjoy your Thanksgiving holiday!



Gary Casterline



Stay up to date with the SPE-Cleveland Section web site, created to keep membership informed.

Features include:

- SPEsheet newsletter, both latest issue and archive
- Links to other local sections and industry references
- SPEC Tech Blog for questions to membership
- SPEC calendar and special events
- Member information
- SPEC Officers contact information
- Feedback form

Visit now at:

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## **SCREW TIPS**

**FOR PLASTIC INJECTION MOLDING**

**3 PIECE RING VALVES**

**5 PIECE RING VALVES**

**BALL CHECK VALVES**

**POPPET CHECK VALVES**



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## **SPE - Cleveland Section S03 October 15, 2012 Board Meeting Minutes**

Meeting called to order at 4:25 on October 15 at Akron Polymer Systems

Attendees: Gary Casterline, Gary Petruska, Jerry Blayne

**Treasurer's Report:** Scott Strawn and Jerry are working on our annual section audit. Target submission date to national is October 30, 2012.

Made \$130 in September, but newsletter costs for publishing two months and adding advertising to website cost \$400 so we ended up netting \$270 loss.

We may have dropped the advertising rates too low to compensate for the time it takes to add them to the web and the newsletter. The business card ones will take as much time as a larger ad so the minimum should probably be more like \$75.

**Secretary's Report:** Unanimously accepted report published in the October newsletter.

**Program Report:** November 12 meeting is at Harry's Steakhouse with Thogus presenting. Absolute HAITIAN has a new tech center opening up in west Cleveland and Glenn Frohring indicates we can have a meeting there next year after they are up and running.

Could we have a Vendors Night? Have several vendors pay for a display table and then give them 10 minutes to talk to the audience about what they are offering. Need to see if we can line up a few companies before we make it an event.

**Advertising:** Only have three advertisers and a fourth says they are interested, but have not come through with a check or copy. Due to the cost of adding ads to our newsletters and website, we are considering a \$50 fee for anyone wanting us to advertise an event except maybe events Akron SPE is doing. Since these other organizations are expecting to make some money on these events, it seems only fair we should be compensated so we do not lose money helping them advertise.

**Membership:** Website indicates we have something like 299 members now. That seems unlikely so we need to do some verification.

Meeting ended at 5:00 (Acting secretary- Gary Casterline)

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|---|--|---|
|  <p><b>CASTERLINE PLASTICS CONSULTING</b></p> <p><b>GARY CASTERLINE<br/>PRESIDENT</b></p> <ul style="list-style-type: none"><li>MATERIAL SELECTION</li><li>PLASTIC PART DESIGN</li><li>PROCESSING SUPPORT</li><li>FAILURE ANALYSIS</li><li>TRAINING</li></ul> <p><a href="http://www.CasterlinePlasticsConsulting.com">www.CasterlinePlasticsConsulting.com</a><br/><a href="mailto:GCasterline@gmail.com">GCasterline@gmail.com</a></p> <p>cell: 330-240-2543<br/>7895 Raglan Drive, Warren, OH 44484</p>  | <p><b>BOY MACHINES INC.</b><br/>199 Philips Road<br/>Exton, PA 19341-1335</p> <p><b>Robert Koch</b><br/>Midwest Regional Sales Manager</p> <p>Cell: 484-645-3297<br/><a href="mailto:bkoch@boymachines.com">bkoch@boymachines.com</a><br/><a href="http://www.boymachines.com">www.boymachines.com</a></p> |  <p>Spritzgiessautomaten</p> |
|---|--|---|

## Upcoming Events

| Date       | Event  | Location                                     |
|------------|--|--|
| 2/24-27/13 | 2013 SPE International Polyolefins® Conference | Hilton Houston North Hotel<br>Houston, Texas |

| SPE Cleveland Section Programs |       |  |                                    |
|--------------------------------|-------|--|------------------------------------|
| Month                          | Date  | Topic  | Location                           |
| December                       | 12/10 | Military Aviation Preservation Society (MAPS) Air Museum | Akron Canton Airport, North Canton |
| January                        | 1/14  | Bridgestone Research Tour                                | Akron                              |
| February                       | 2/11  | PET Processors Tour                                      | Painesville                        |
| March                          | 3/11  | Alpha-Micron/Kent Displays Tour                          | Kent                               |
| April                          | 4/8   | Lincoln Electric Tour                                    | Dinner at Lincoln in Euclid        |
| May                            | 5/13  | Awards   | Cleveland                          |

## Industry News - Ohio

**Sonoco Plastics Opens New Albany, Ohio Plant.** Sonoco (NYSE: SON), one of the largest diversified global packaging companies, has commenced commercial production of rigid plastic containers for personal care products at its new \$15 million plant, located in the Beauty and Home Care campus in New Albany, Ohio. [Click Here](#) for more information.

**InterGroup to Open Plant in Georgia.** InterGroup International, a plastics recycling company based in Euclid, Ohio, has announced plans to invest \$5 million to open a new facility in Jackson, Ga. [Click Here](#) for more information.

**A. Schulman profits jump, plastics company predicts stronger 2013.** Fairlawn plastics additives company A. Schulman earned \$11.2 million during its fourth fiscal quarter, a 92 percent increase over 2011's final quarter. And the company said next year looks even stronger. [Click Here](#) for more information.

**PolyOne buying Spartech for \$393 million.** Polymer compounder and distributor PolyOne Corp. plans to expand its product portfolio by acquiring Spartech Corp., the firms announced early Oct. 24. [Click Here](#) for more information.



# SPEC

Society of Plastics Engineers  
Cleveland Section

Be a part of this active organization! If you would like to volunteer to be on the board or a committee member of your Section, please contact one of the board members or attend a board meeting prior to the monthly meeting. Help us make this professional organization do more for you!