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Every boy grows up wanting to play in the big leagues and to take it one step further, the mighty Yankees. Well, buyCASTINGS.com, feeling like kids again, has made its way into the house that Ruth built.

buyCASTINGS teamed up with Atlantic Tech and another buyCASTINGS.com Buyer company to bring this dream to life; making our way into the "New Yankee Stadium." We won't be able to take the field with Derek Jeter, but we will be reminded of our efforts every time we look at an exit sign all throughout the new stadium. They are located in every hallway, restroom, restaurant, bar, suite (410), store, and maybe most excitingly, right in the clubhouse and team locker rooms.

This project came about through unconventional means, showing our depth and how we strive to help our customers bottom line, regardless of method. Our Rep in East Coast identified an opportunity to fulfill a buyer's unique need. The buyer manufactures and distributes state of the art components for the lighting industry. buyCASTINGS identified the foundry that would be ideal for the job. However, things are almost never that simple or that easy. After 7-months of development effort and several casting design and sampling iterations, we had the technical and the economical solution to satisfy all parties involved in the project. Now, the job is in full production and the rest is history. . . as they say.

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FOPAT Patterns



What's Wrong With Our System and When Will the Economy Turn-Around??

by Neil Chaundhry

Some say it'll be 2011, some say "later this year", while others have no idea. I say, the first quarter of 2010. Based on the fact that this will allow time for the financial system to recover, stimulus to kick-in, and the new administration to figure out what they are doing. Based on that assumption, the markets will hit bottom the first quarter of 2009, a good 9 to 12-months ahead of the "end of the recession", or so we hope!



We are in the midst of the worst global recession most of us have ever seen. Our biggest strength – our financial system – has become our biggest liability. It's financial engineering GONE WILD! The Housing bubble burst leaving exposed the toxic sub-prime bundled instruments of the financial engineers. The investment banking industry has been wiped out for good.

So, what does this mean for the investment casting industry or the casting industry in general? At buyCASTINGS, we believe that there are greater opportunities today than we have seen in the last two decades. The risks might appear high but the reward may be greater if one is willing to invest in the future, in innovation.

The United States is a great country that offers entrepreneurs the opportunity to succeed, create jobs and create wealth for owners, shareholders and employees. Free market capitalism works most of the time. Here is what's wrong with our system that's leading to a major upheaval in our economy today, in my humble opinion...

...Continued Page 7

TWO NEW ADDITIONS TO OUR GROWING TEAM

FOPAT Productions, Inc. (FPI) has hired two new employees to operate the new FOPAT foam pattern machine and will continue to conduct R&D on the original machine. Bo Mosley, Product Technician and Chris Loper, Process Technician, started working with buyCASTINGS and FPI in late November. Both have undergone extensive training on the new foam pattern production machine.

Bo Mosley has 20 years experience in the plastic molding industry. Prior to buyCASTINGS, Bo was the Plant Supervisor for RE-ACT Inc. He was also a member of the Ohio National Guard and served in Iraq. Recently, Bo retired from the Ohio Guard after twenty-two years of service. Bo lives in Huber Heights with his wife and seven year old son. Bo enjoys sports (all), hiking, and bird watching.

Chris Loper has a diploma from RETS Technical College in Computer Application Communication where he made the Dean's list with a 3.9 GPA. Prior to buyCASTINGS, Chris spent 14 years working at GM in various roles. He spent five and a half years managing GM's Steering Wheel Department, five years working as an operator on door panels, than another three and a half years as a technician working with steering wheel injection mold parts. Chris has experience with the injection mold process, robotics, welding, punch presses and various other pneumatic tools. Chris lives in Dayton and enjoys fossil hunting and astronomy.



Bo Mosley,
Product Technician

Chris Loper,
Process Technician



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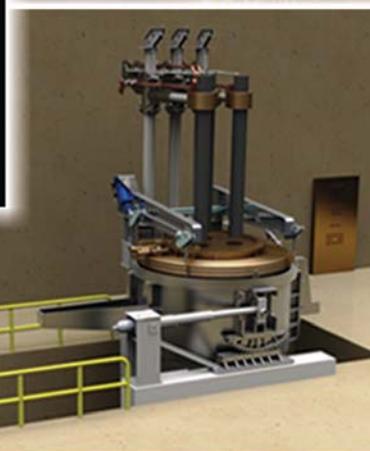
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New Arrivals

- *Inductotherm VISI Pour Auto Pour Furnace, New 1999, VIP Power Melt, 350kw, 17,000 lbs (photos)
- *SINTO FBM Molding Lines, Model FBM-1, 14" X 19", FMB-IIIT, 20" X 26" With Pallet Molding Handling Line'98
- *DISAmatic Molding Lines: 1995 Model 2110 Mk2 with AMC and SBC, 1989 Model 2013 MK4-B
- *Year 1996 Inductotherm Dual Trak, 1500 Kw, (2) 4T Furnaces, Complete System with Spares
- *Year 2002 Wheelabrator Tumblast, 7 Cu. Ft., Rubber Belt, Like New (2 hours)
- *Year 2006 AJAX Channel Holding Furnace, 1500kw, 25T Capacity, Very Little Use, Spares Included

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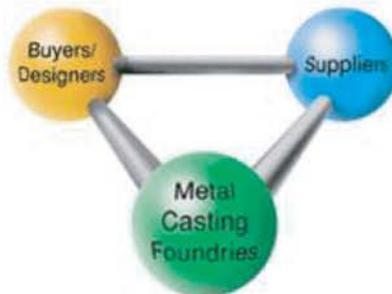


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Continued from page 2

We have abandoned the industry that created the real wealth in this country for over a century – the manufacturing sector. Instead choosing to let the Far-East countries make the cheap products for us. We had also abandoned the alternative energy sector. Instead choosing to buy the ‘cheap oil’ from the middle-east countries. We lost mfg jobs, ran-up the deficit, and chose for the past three decades to focus on our Service Industry – the financial industry being the biggest one. **All this has happened because our system encourages (actually it makes it necessary) for our corporations to go to where ever we can find the cheapest products, supplies, and commodities.** Whether it’s China for cheap toys, Japan for the quality automobiles, India for low cost IT workers or Saudi Arabia for the cheap oil....All this is done because **the goal is to maximize shareholder value** and in a Free Market Capital system, **the corporations have to go where their costs are lowest** to maximize profits...We DEPEND ON IT to compete, to survive, and to grow. **Hence the biggest transfer of wealth - to the producing nations, like China and Saudi Arabia from the consuming nation, the United States.**



How do we break out of this? The reason this has happened is SHORT TERM THINKING! Most of our corporations make decisions based on short term results. Government has to encourage longer term investment. The Government is partly to blame for our current addiction to oil AND for allowing manufacturers to move to China. If decisions were based on investing in technology, automation, productivity and cost reduction for the long-haul vs the immediate profits then perhaps we would not be in the biggest economic mess. If the Government encouraged investments that pay longer term – solar, wind, geothermal, even drilling for oil or building refineries and nuclear plants then perhaps we would not be losing jobs or worrying about security risks and energy dependence.

On its own, the private sector is NOT going to make investments that have a long pay back period unless there are incentives to do so. We need long term policies that don't go away every four years when new politicians come in the office! However, **we do see a movement back to infrastructure, energy, manufacturing, hard goods, technology, and productivity. Maybe a focus on tangibles, civil engineering rather than financial engineering and services...Which is ALL GOOD for the metal casting industry...Let's hope so!**

buyCASTINGS by the Numbers

- 882+ Foundries Worldwide
- 1970+ Buyers Worldwide
- 499+ Suppliers to Foundry Industry
- Average 100,000 “hits” per month
- 100% Focus on the Metal Casting Industry

Growing Customer Base



What customers are saying...

We received the Lever Castings today and they raised a lot of eyebrows. They came out really well and in great time. Thanks for you help.

Castings Procurement Manager

You folks are the casting people. We do rely on your thoughts and suggestions.

West Coast OEM

Thanks for all your input and approaching this from a service point of view - I appreciate that.

Mining Industry OEM

Visit Us at These Upcoming Events/Shows

March 14-19, 2009

3D Systems North American Stereolithography Users Group
Daytona, FL

April 6-10, 2009

AFS Cast Expo
Las Vegas, NV

May 12-14, 2009

SME Rapid 2008
Schaumburg, IL

June 8-12, 2009

ASME TURBO EXPO 2009, Booth #101
Orlando World Center Marriott - Orlando, FL

October 11-14, 2009

Investment Cast Institute, 56th Annual Tech Expo
Indianapolis, IN

Dec 8-10, 2009

Power Gen
Las Vegas, NV

Foam Patterns Replacing Wax in Production



FOPAT Production Inc. (FPI), Miamisburg, OH has moved into a new 14,000 sq ft facility to commercialize of a foam pattern-making technology. With new injection machines in place, FPI is ready to produce foam patterns for investment casting foundries and other component manufacturers. After \$1.5M and 2+ years R&D, we are now in production and taking orders!

This new foam pattern FOPAT, was the result of work funded in part by a two-year DOE Inventions and Innovation program grant as well as a six-month Phase I and a two-year Phase II DOD Small Business Innovative Research (SBIR) grant from the Air Force Materials Command at WPAFB. FOPAT is a proprietary mix of components which react and expand to form a foam-like product. The new product, in combination with a modified RIM process and alternate tooling methods, has been used to create investment casting patterns with smooth surface finish and excellent dimensional predictability.



Additionally, the foam patterns are temperature-stable, energy-efficient and cost-effective, and can be processed using standard investment casting techniques. The autoclave portion of the traditional investment casting process may be eliminated entirely.

Researchers estimate that U.S. investment casters could save \$5 million per year in energy savings alone as a direct result of replacing wax patternmaking (and wax melt cycles) with the proposed FOPAT method. They also calculate an additional savings of \$140 million in productivity, material savings and scrap reduction. To learn more, call Nick Cannell at 937-272-2709 or visit us at FOPAT.com.





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