laser reproductions
rapid prototyping + manufacturing + product development

Where Innovation and Technology Merge

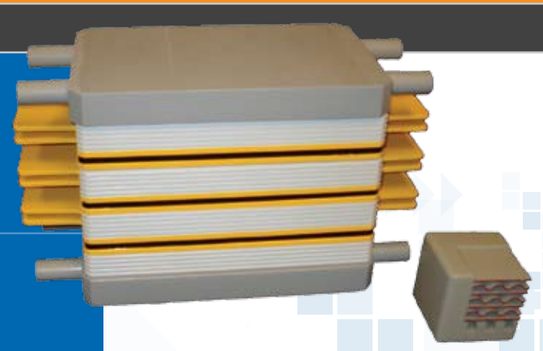
950 taylor station rd suite e | gahanna oh 43230

fall 2006

laser's edge

The Rapid Prototyping, Manufacturing and Product Development Newsletter

in this issue



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950 taylor station rd suite e
gahanna oh 43230
614.552.6905 tel 614.552.6907 fax

http://www.laserrepro.com

Laser Reproductions Secures Exclusive Right to RP Tempering™

Laser Reproductions has secured the exclusive right to provide the RP Tempering™ technology process throughout the state of Ohio and the Detroit area.

The contract was awarded by Machine By Design, the creator of the technology, and will allow Laser Reproductions to offer its clients the option to coat prototype parts with the innovative engineering compound.

RP Tempering™ is an additive/subtractive technology and engineering technique that involves a spray or brush-on coating for industrial or commercial prototypes. The technology uses a patented Nano-carbon material that is applied in a secondary operation, which will enhance temperature, chemical resistance, impact, torque and other mechanical properties.

The technology was commercialized in late 2005 and allows for manufactured parts or prototypes to be more flexible, longer-lasting and able to withstand any mishandling or other accidents during shipping. The coating is three times stronger than most prototype coatings.

Laser Reproductions is among the top-two percent of rapid-prototyping service bureaus in North America and is one of eight RP Tempering™ service bureaus in the United States.

A Letter from Paul Bordner, President

It gives me great pleasure to dedicate the first issue of Laser Reproductions' newsletter to my father, Jerry Bordner. As of September, Bret and I have increased our leadership responsibilities and changed roles within the company and will now serve as vice president and president respectively. Jerry will remain active in the company, serving as chairman of the board and CEO.

As you know, Bret and I encouraged our father to break into the rapid prototyping industry and have both been involved with the company for over 15 years. Laser Reproductions is our father's legacy, which we plan to honor. Bret and I have many new and exciting initiatives planned for 2007 and beyond. I assure you that the company's core values will stay true to our father's founding principles.

On behalf of the Bordner family and our extended Laser Reproductions family, I look forward to beginning a new chapter and contributing to the company's rich history of strength and success.

Paul Bordner II
President

behind the scenes

*Laser Reproductions' **Dessert Contest** took place on January 30. First place for the "Best Design" category was awarded to Mark Jones. Rose Moore took home first place for the "Best Taste" category.*

***The Derby Car Contest** was held on July 31. Laser employees handcrafted derby cars to race and awards were given for fastest cars and best of show.*

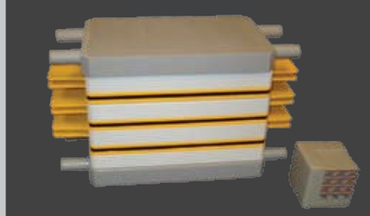
*Laser Reproductions sponsored employees to participate in the **Epilespy Foundation's Mud Volleyball Tournament**.*

*On February 27, Laser hosted an employee-wide **"Guess Who" baby contest**. First place went to Octavia Sias.*

in production

client **Ken Rinaldo, associate professor of art at The Ohio State University**
project **Spider Bots**

Rinaldo retained Laser Reproductions in November 2005 to help him realize his vision of Spider Bots. Within five months, 10 six-legged, robotic spiders measuring 2 x 1.5 feet were complete. Using DSM Somos® stereolithography (SLA) plastics made of flexible liquid resins, Laser Reproductions was able to produce the light-weight components that make up the body, legs and leg joints of the Spider Bots.



client **NexTech Materials Ltd. and Plug Power Inc.**
project **Solid Oxide Fuel Cell System (SOFC)**

Laser Reproductions assisted NexTech Materials and Plug Power in the development of an SOFC power system for U.S. Air Force and Army applications. The SOFCs have been demonstrated to produce power at the highest efficiency of any fuel cell, and can operate on natural gas and propane.

laserworld

Laser Reproductions Named to "Fast 50" list by Columbus Business First

Laser Reproductions was recently ranked 26th on the 2006 Fast 50 list, a list ranking the 50 fastest growing privately held companies in central Ohio. The Fast 50 list was published in the October 20 issue of *Business First*.

This is the second consecutive year that Laser Reproductions has made the Fast 50 list. The Fast 50 rankings are determined by calculating the percentage of growth for the three most recent fiscal years.

PHOTO COURTESY OF JANET ADAMS OF *BUSINESS FIRST*.

Jerry Bordner, chairman of the board and CEO, accepts the Fast 50 award in 2005.

Laser Reproductions Honors Employees

Each week, one Laser Reproductions employee is recognized with Helping Hand Awards for exceptional work performance. The employee with the most Helping Hand Awards at the end of the year will receive a bonus—and bragging rights. Here are the top contenders to date for 2006.

Employees with Three Awards

- Darrel Disbennet
- Bill Levings
- Rose Moore

Employees with Two Awards

- Natalie Bordner
- Claude Campbell
- John Parsons
- Sue Sanders
- Jason Thompson

creating impressions

Dave Persons, president of The Prototyper Inc., established his business in 1999. With a total of five employees, The Prototyper specializes in brokering prototype development in the consumer goods, medical and communications industries. Providing access to a variety of options and methods for any metal or plastic prototype project, The Prototyper works with clients throughout the country. The company is headquartered in St. Paul, Minnesota.

THE PROTOTYPER

How long have you worked with Laser Reproductions?

Just over six months. During that time, I have been very impressed with their quick turnaround time and the variety of machines and materials that they use.

How many projects has Laser worked on for you?

Work varies, but at times, Laser Reproductions could be working on up to a couple dozen projects for me during any given month. The logistics and production schedules are complicated, but Laser does a great job of managing everything—giving me the information and answers I need, when I need them.

What do you value most when working with product development and prototype partners?

Great leadership and understanding the importance of accountability. Laser is receptive to my opinions and is willing to try new methods of development based on my feedback.

What do your clients want that Laser provides?

For any given project, the variables remain the same: cost, time, quality, volume and the tolerance of the prototype for testing purposes. But, clients prioritize these variables differently for each project. Laser understands how to quickly approach solutions according to the unique needs of my clients.