

## **FOR IMMEDIATE RELEASE:**

Contact: Carla Waggett  
New Objective, Inc.  
Tel 781.933.9560 Fax 781.933.9564  
carlaw@newobjective.com  
www.newobjective.com

### **New Objective is awarded U.S. Patent on automated orthogonal control system for electrospray ionization mass spectrometry**

Woburn, MA USA, August 2004 — U.S. Patent 6,744,046 was issued to Gary Valaskovic and Mike S. Lee for an automated orthogonal control system for electrospray. The new system enables optimal spray controlled automatically via computerized feedback versus operator control as has been the traditional format for electrospray and nanospray delivery.

Since the late 1980s, electrospray ionization mass spectrometry (ESI-MS) has become an integral tool in the life sciences. ESI/MS-based methods are now routinely applied throughout drug discovery and development impacting both small molecule and large molecule applications, such as proteomics. Founded by Gary Valaskovic in 1997 on PicoTip<sup>®</sup> technology, a revolutionary line of emitters for LC-MS, New Objective has remained on the cutting edge of nanobore chromatography and nanospray-based mass-spectrometry through close communication with its customers, continuous innovation, and dedication to quality. Valaskovic is the holder of 6 other U.S. Patents.

“This patent affirms New Objective’s leadership in ultra high-sensitivity LC-MS,” states Valaskovic. “This important technology enables delivery of truly optimized performance in an automated environment to an ever-widening market.”

Currently, New Objective plans to offer licensing opportunities and seek out collaborative partners to further technology development. Plans are in place to incorporate first generation technology into New Objective’s highly-regarded line of PicoView<sup>®</sup> nanospray sources. An in-depth article on the automated control system appears in the August 2004 issue of *The Journal of the American Society for Mass Spectrometry*.

For additional information contact:  
Carla Waggett, Director of Business Development  
New Objective, Inc.  
2 Constitution Way  
Woburn, MA 01801 USA  
781.933.9560 tel 781.933.9564 fax  
carlaw@newobjective.com  
www.newobjective.com

###