



## **FOR IMMEDIATE RELEASE**

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### **ISSYS Awarded New Patent for a Method of Making Microtubes**

YPSILANTI, Mich.--(BUSINESS WIRE)--Sept. 14, 2005--Integrated Sensing Systems, Inc. (ISSYS) announced that the U.S. Patent Office has granted it a utility patent (US 6,935,010) entitled "Method of fabricating a micromachined tube for fluid flow."

This patent describes a new method of forming micromachined tubes used by ISSYS to produce drug infusion devices, microneedles, flow and fuel cell sensors and density meters. It complements other patents owned by ISSYS in the area of drug infusion and MEMS devices. In the drug infusion application the device will help reduce the hundreds of thousands of deaths and serious injuries that occur each year due to medication delivery errors. The micromachined ISSYS flow sensor can detect the correct drug dose, dose rate, volume, concentration and indicate if the infusion line is blocked or has an air bubble in it.

Dr. Nader Najafi, ISSYS President and CEO stated that, "This new patent and technology offers a way to improve the way that micromachined tubes and fluidic sensors can be fabricated. This technology is already seeing use in industrial and medical devices and will help revolutionize the way that drugs are delivered to patients. This patent reinforces the other ISSYS patents on the design, packaging, fabrication and application of microtube-based sensors, giving ISSYS comprehensive IP protection and offering a competitive barrier to market entry."

#### Company Background:

ISSYS is a leader in advanced micromachining technologies for medical devices, microfluidic and scientific analytical sensing applications used in the development of drug infusion pumps and wireless, implantable sensing systems. Founded in 1995 by world renowned leaders in MEMS technology, ISSYS operates an "everything under one roof" multi-million-dollar, state-of-the-art Bio-MEMS fabrication facility located near Ann Arbor, Michigan. For more company, product and service information, please visit <http://www.mems-issys.com/>.

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