



Jan 07, 2008 07:00 ET

## **Nanomix Announces New Patent; Broad Claims Granted for Arrayed Nanostructured Detection Devices**

**EMERYVILLE, CA--(Marketwire - January 7, 2008)** - Nanomix, Inc., a leading nanoelectronic detection company commercializing high-value diagnostic and monitoring applications, today announced the issuance of an additional U.S. patent for its nanostructured detection platform known as **Sensation™**.

This patent (US Patent No. 7,312,095, issued December 25, 2007) includes broad claims to methods of making arrayed nanostructured sensing devices which are chemically functionalized to respond to chosen target substances. In particular, the claims include arrays with integrated reference sensors, arrays with sensors individually functionalized with chemical jets, and particular electrochemical functionalization methods. With the addition of this patent, Nanomix now owns patents covering two important concepts for nanosensor arrays, including one for multiplex detection which allows selectivity, and one for referenced detection which permits more accurate response via self calibration.

Detection devices of this type use nanostructured materials as extremely sensitive transducers to permit accurate and selective measurement of chemicals and bioanalytes. The devices have extremely low power requirements and are scalable for mass production using conventional wafer processing technology.

"We are excited to see this addition to our growing patent portfolio related to nanoelectronic detection," said David Macdonald, President and CEO of Nanomix. "This patent combined with others in our IP estate provides competitive advantages and important protection for our respiratory and biomolecule detection products."

### **About Nanomix**

Nanomix is a leading electronic detection company launching detection devices based on Sensation™ technology. These scalable devices use ultra-sensitive carbon nanotube detection elements combined with proprietary chemistries. They can be deployed across high value respiratory and biomarker detection applications where low power consumption, small size, and ultra-sensitivity offer significant performance advantages and enable unprecedented access to critical information. For additional information, please visit [www.nano.com](http://www.nano.com).

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