

SpectraSensors Awarded Enhanced Gas Analyzer Patent for Moisture in Natural Gas

The new enhanced gas analyzer patent for the detection of water vapor in natural gas further strengthens SpectraSensors' position in the natural gas industry.

Houston, TX ([PRWEB](#)) March 12, 2008 -- SpectraSensors, Inc. has been issued a new patent for the advanced detection of water vapor in natural gas streams via a laser-based [gas analyzer](#) system. This new patent is an enhancement of the previously issued patent 7,132,661 on moisture monitoring using lasers in the 1.9 microns, 0.9 microns and 2.7 microns spectral region.

"I believe this new patent underscores our leadership in laser based trace gas analyzers and further strengthens our position in the natural gas industry," says George M Balogh, SpectraSensors CEO.

The new patent extends that which is embodied in a unique method of determining the level of water vapor in natural gas. That method is based on tunable diode laser absorption spectroscopy (TDLAS), which provides a light source emitting light at a precise frequency where water vapor absorbs at a sufficiently greater level than natural gas, thereby enabling accurate and reliable determination of water vapor concentration in the gas.

Developed by SpectraSensors, a spin-off of NASA's Jet Propulsion Laboratory, TDL-based analyzers offer extremely fast and reliable trace contaminant readings that overcome such insidious industry problems as frequent and costly sensor maintenance, shut-ins and high processing costs due to erroneous readings.

Partnering with SpectraSensors' trusted advisers at the law firm of Mintz Levin, the company's innovations are protected by a portfolio of dozens of patents and patent applications pending worldwide in locales such as the US, Canada, Australia, China, and Europe."

For more information contact Sam Miller, (800) 619-2861 x4106; SpectraSensors, Inc., 4333 W. Sam Houston Pkwy N, Ste 100, Houston, TX 77043; www.spectrasensors.com.

About SpectraSensors:

SpectraSensors is a leading manufacturer of optically based [gas analyzers](#) and moisture analyzers for analytical process markets. SpectraSensors uses Tunable Diode Laser Absorption Spectroscopy (TDLAS) in an array of products such as Ambient Air Monitoring Analyzers, Moisture Analyzers (Hygrometers) and [Gas Analyzers](#) for Natural Gas Pipelines and Processors, Petrochemical Refineries and Chemical Companies. SpectraSensors [Gas Analyzers](#) measure Moisture (H₂O), Carbon Dioxide (CO₂), Hydrogen Sulfide (H₂S), Methane (CH₄), Sulfur Dioxide (SO₂), Ammonia (NH₃) Ethylene Oxide (ETO) and more.

About Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C.

Mintz Levin is an AmLaw 100 law firm with offices in the US and the UK. Since 1933, Mintz Levin lawyers have represented entrepreneurs, emerging growth companies, Fortune 500 companies, government agencies, not-for-profit organizations and leaders in primary industries that include Life Sciences/Biotechnology,

Communications, Energy & Clean Technology, Financial Services & Insurance, Health-care, Real Estate, Hospitality & Construction, and Retail & Consumer Products. The firm's practical knowledge combined with industry expertise provides clients with enterprise legal advice that gives their business a competitive advantage in the marketplace.

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Contact Information**Sam Miller**

SpectraSensors

<http://www.spectrasensors.com/>

909-948-4106

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