

formulas, chemical structures and related information. It is proposed to expand this collection by adding both new classical electron ionization spectra as well as related reference data, including gas chromatographic retention indices and mass spectra acquired by other instrument types. The addition of spectra of relevant compounds and derivatives will increase the likelihood of identifying unknown compounds, or ruling them out, in a chemical analysis. The addition of gas chromatographic retention indices will enable the more reliable identification of compounds by matching retention data as well as spectral data acquired in a GC/MS analysis. The addition of mass spectra generated by other instrument classes, including the methods of MS/MS and ion trap mass spectrometry, will broaden the scope of application of this library to other analytical methods and substances. The net result of these enhancements will be to increase the reliability and utility of this library as an aid in the process of chemical identification. We invite comments concerning this update.

Dated: September 5, 2002.

**Karen H. Brown,**

*Deputy Director.*

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**BILLING CODE 3510-13-P**

## DEPARTMENT OF COMMERCE

### National Institute of Standards and Technology

#### Notice of Invention Available for Licensing

**AGENCY:** National Institute of Standards and Technology, Commerce.

**ACTION:** Notice of invention available for licensing.

**SUMMARY:** The invention listed below is owned by the U.S. Government, as represented by the Secretary of Commerce. The invention is available for licensing in accordance with 35 U.S.C. 207 and 37 CFR part 404 to achieve expeditious commercialization of results of federally funded research and development.

**FOR FURTHER INFORMATION CONTACT:** Technical and licensing information on this invention may be obtained by writing to: National Institute of Standards and Technology, Office of Technology Partnerships, Attn: Mary Clague, Building 820, Room 213, Gaithersburg, MD 20899. Information is also available via telephone: 301-975-4188, fax 301-869-2751, or e-mail: [mary.clague@nist.gov](mailto:mary.clague@nist.gov). Any request for

information should include the NIST Docket number and title as indicated below.

**SUPPLEMENTARY INFORMATION:** The invention available for licensing is:  
*Title:* Method and Apparatus for Measuring the Temperature of a Liquid Medium.

*Abstract:* A method and apparatus for measuring the temperature of a liquid medium are disclosed. In accordance with the present invention, a liquid medium containing a fluorescent dye is provided. The fluorescent dye is chosen to exhibit a first fluorescence intensity at a first wavelength and a second fluorescence intensity at a second wavelength, wherein the temperature of the liquid medium may be determined in accordance with a predetermined temperature function of the first fluorescence intensity and the second fluorescence intensity. The method of the invention comprises the steps of measuring the fluorescence intensities at the first and second wavelengths; and determining the temperature of the liquid medium in accordance with the predetermined temperature function. The apparatus comprises means for measuring the first and second fluorescence intensities, and means for determining the temperature of the liquid medium in accordance with the predetermined temperature function. The apparatus preferably is a confocal optical measuring device, and preferably is capable of determining a temperature profile within the liquid medium.

Dated: September 5, 2002.

**Karen H. Brown,**

*Deputy Director.*

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**BILLING CODE 3510-13-P**

## DEPARTMENT OF COMMERCE

### National Institute of Standards and Technology

#### Manufacturing Extension Partnership National Advisory Board

**AGENCY:** National Institute of Standards and Technology, Department of Commerce.

**ACTION:** Notice of partially closed meeting.

**SUMMARY:** Pursuant to the Federal Advisory Committee Act, 5 U.S.C. app. 2, notice is hereby given that the Manufacturing Extension Partnership National Advisory Board (MEPNAB), National Institute of Standards and Technology (NIST), will meet Wednesday, October 9, 2002, from 8

a.m. to 3:30 p.m. The MEPNAB is composed of nine members appointed by the Director of NIST who were selected for their expertise in the area of industrial extension and their work on behalf of smaller manufacturers. The Board was established to fill a need for outside input on MEP. MEP is a unique program consisting of centers in all 50 states and Puerto Rico. The centers have been created by state, federal, and local partnerships. The Board works closely with MEP to provide input and advice on MEP's programs, plans, and policies. The purpose of this meeting is to update the board on the latest program developments at MEP and to have a panel of outside experts discuss the "state of small manufacturing" and how it is affected by the economy, the current state of the trade deficit and how productivity within firms is changing. Discussions scheduled to begin at 8 a.m. and to end at 9:15 a.m. and to begin at 2:30 p.m. and to end at 3:30 p.m. on October 9, 2002, on personnel issues and proprietary budget information will be closed. All visitors to the National Institute of Standards and Technology site will have to pre-register to be admitted. Anyone wishing to attend this meeting must register 48 hours in advance in order to be admitted. Please submit your name, time of arrival, email address and phone number to Carolyn Peters no later than Monday, October 7, 2002, and she will provide you with instructions for admittance. Ms. Peter's address is [carolyn.peters@nist.gov](mailto:carolyn.peters@nist.gov) and her phone number is 301/975-5607.

**DATES:** The meeting will convene October 9, 2002 at 8 a.m. and will adjourn at 3:30 p.m. on October 9, 2002.

**ADDRESSES:** The meeting will be held in the Lecture Room A, Administration Building, at NIST, Gaithersburg, Maryland 20899. Please note admittance instructions under **SUMMARY** paragraph.

**FOR FURTHER INFORMATION CONTACT:** Linda Acierto, Senior Policy Advisor, Manufacturing Extension Partnership, National Institute of Standards and Technology, Gaithersburg, Maryland 20899-4800, telephone number (301) 975-5033.

**SUPPLEMENTARY INFORMATION:** The Assistant Secretary for Administration, with the concurrence of the General Counsel, formally determined on January 3, 2002, that portions of the meeting which involve discussion of proposed funding of the MEP may be closed in accordance with 5 U.S.C. 552b(c)(9)(B), because that portion will divulge matters the premature disclosure of which would be likely to significantly frustrate implementation of