



Nov. 10, 2012

For Immediate Release

***TeraBAT, Inc.*, Medical Device Startup, Licenses Technology from the National Institute of Standards and Technology (NIST)**

LONGMONT, CO. – *TeraBAT, Inc.*, a medical diagnostic startup company based in Longmont, Colo., has been granted an exclusive license to use terawaves technology co-owned by the National Institute of Standards and Technology (NIST).

The patent-pending technology employs electromagnetic waves in the terahertz range to identify molecules in gases. *TeraBAT, Inc.* is working to commercialize the technology to rapidly detect biomarkers in exhaled breath that are indicators of acute and chronic diseases. In a hospital or clinic, a healthcare provider would be able to initiate treatment without delay and continuously monitor the disease's state from the biomolecules present in the patient's breath. The company plans that the non-invasive point-of-care platform will replace today's laboratory based-diagnostics with more direct tests beside the patient, resulting in positive health and economic outcomes.

TeraBAT, Inc. was founded by former UMass Amherst researcher Dr. Eyal Gerecht, Ph.D. who developed the terawaves technology with researchers from the National Institute of Standards and Technology (NIST). Dr. Gerecht received his doctorate from UMass Amherst and has worked at NIST for over 10 years developing a number of terahertz technologies for imaging and spectroscopy for homeland security and biomedical applications.

About *TeraBAT, Inc.*:

TeraBAT, Inc. is a Colorado-based company developing a disruptive detection platform based on terawaves technologies that will revolutionize disease diagnosis and patient care. Its novel, real time detection platform will be able to identify biomolecules present in exhaled breath that are indicative of a disease state. Rapid diagnosis of both chronic and acute disease states via breath analysis will allow immediate and correct patient treatment and care.

About NIST:

Founded in 1901, NIST is a non-regulatory federal agency within the U.S. Department of Commerce. NIST's mission is to promote U.S. innovation and industrial competitiveness by advancing measurement science, standards, and technology in ways that enhance economic security and improve our quality of life. The agency operates in two locations: Gaithersburg, Md., and Boulder, CO. NIST employs about 3,000 scientists, engineers, technicians, and support and administrative personnel. NIST also hosts about 2,700 associates from academia, industry, and other government agencies, who collaborate with NIST staff and access user facilities.