

**CORPORATE HEADQUARTERS**

PowerSafe Technology Corp.  
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**SHARE DISTRIBUTION (as of 11/23/09)**

Outstanding Shares: 9,073,000 shares  
Insiders: 4,711,804 shares  
Registered Shares: 2,000,000

**FINANCIAL SUMMARY (as of 11/23/09)**

OTC: PSFT  
Market Cap: \$6.07M  
Recent Price: \$0.67

**MANAGEMENT TEAM**

Jack Mayer  
*President, Treasurer, Director*  
Avery Kornbluth  
*COO, Amplification Technologies Inc.*

**TRANSFER AGENT**

Nevada Agency and Transfer Company  
50 W. Liberty St.  
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Reno, NV 89501

**RECENT NEWS**

**POWERSAFE ANNOUNCES ITS SELECTION BY NASA FOR TWO SMALL BUSINESS INNOVATION RESEARCH PROJECTS**  
*Nov. 24, 2009*

**POWERSAFE'S AMPLIFICATION TECHNOLOGIES SUBSIDIARY ANNOUNCES HIGHER PERFORMANCE THERMOELECTRICALLY COOLED SINGLE PHOTON COUNTING SOLID STATE PHOTODETECTORS**  
*Oct 27, 2009*

**AMPLIFICATION TECHNOLOGIES COMMENCES SHIPMENT OF NEW INGAAS SOLID STATE PHOTOMULTIPLIERS**  
*July 14, 2009*

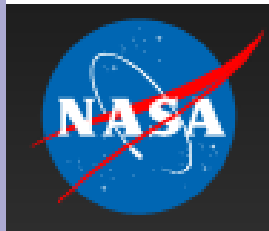
**MIKHAIL LEIBOV JOINS POWERSAFE TECHNOLOGY BOARD OF DIRECTORS - Telecommunications Entrepreneur Brings Wealth of International and Technology Business Experience**  
*April 2, 2009*

**POWERSAFE TECHNOLOGY ANNOUNCES COMPLETION OF MERGER WITH AMPLIFICATION TECHNOLOGIES**  
*February 18, 2009*

**POWERSAFE TECHNOLOGY CORPORATION AT-A-GLANCE**

PowerSafe Technology, (OTC: PSFT), through its wholly owned subsidiary Amplification Technologies Inc. (ATI), seeks to transform the field of low-level signal detection. The Company's next-generation platform, patented semiconductor technology has the potential to offer unparalleled and far-reaching benefits to industries such as medical diagnostics, drug development, scientific instrumentation, night vision and homeland security.

The technology has been successfully used to develop extremely sensitive detectors of low levels of light and the Company believes its detectors will be used in many existing applications as well as open up new markets. The technology is patented to encompass detection of signals other than light, and could in principle be used to create highly sensitive biological, radiological, electrical, and chemical sensors.



Over \$9M in private capital and over \$750K in funding from NASA and other governmental agencies has been invested in developing the technology. Recently, two Small Business Innovation Research (SBIR) projects submitted by the Company have been competitively selected by NASA. Phase I of each project has a value of approximately \$100,000. Upon completion of Phase I, PSFT will be eligible to seek up to an additional \$600,000 in Phase II funding for each project. Over the past 6 months the company has shipped approximately \$100,000 worth of products.

**MARKET OPPORTUNITY**

PSFT intends to develop the technology and market its products for use in current and next generation low level light detection systems at the component level. Its technology and products will be marketed for existing applications for low light level detection as well as for use in new applications and detection systems. The Company believes that the current market of devices for the detection of very low levels of light is in the range of \$300 million annually and growing. The Company believes that the ultimate market that may be addressed by PSFT's products over a period of years is in the multi-billion dollar range.

**INVESTMENT HIGHLIGHTS**

- Massive Market Opportunity
- Proprietary Technology
- Multitude of Applications
- Experienced Management Team
- Excellent Share Structure

PSFT believes its devices to be of very high interest to researchers in a broad range of commercial and defense related fields including medical imaging, homeland security, biomedical, optical communication, night vision, spectroscopy, instrumentation, aerospace, light detection and ranging ("Lidar") and astronomy.

**Potential Applications for PSFT's Technology**

PSFT's proprietary technology allows the creation of a semiconductor-based sensitive photo-detector that has performance parameters similar to those of a Photomultiplier Tube (PMT) but with all of the advantages of a solid state semiconductor device. The Company expects that systems using PMTs will migrate to solid state technology over the coming years. Applications include:

**Nuclear Imaging Detector / Medical Instrumentation**

Currently, almost all commercial PET systems and virtually all gamma cameras utilize PMTs. The Company estimates the current size of the market for sensitive photo-detectors used in medicine to be over \$100 million a year with rapid growth potential especially by lowering equipment costs. PSFT's detectors are unaffected by magnetic fields, making it possible in theory to combine MRI and PET scanners in a single instrument. The medical community has long sought a device that has the ability to combine these two imaging modalities, and we expect to provide this capability, a significant market opportunity. Additionally, our technology has future market potential in next generation CT scanners.

## Scientific Instrumentation

Numerous scientific applications require detecting very low levels of light. PSFT's technology has several advantages in applications such as fluorescence detection, time of flight measurements, spectroscopy, and others, because of wide spectral response, low noise and fast response speeds of its devices.

## Biochip Devices

Biochips were first developed for genome analysis and are playing a major role in gene identification in human DNA. Their applications are expanding into other areas such as toxicological, protein, biochemical research and diagnostics, environmental monitoring, and public health applications. The overall biochip market is estimated to be in excess of \$500 million and is projected to grow substantially for several years. Our technology may have the potential to contribute to the growth of this market and create low-cost electronic sensor devices for consumer use.

## Chemical Lab-on-a-Chip and Analytical Instruments

Small inexpensive sensor arrays could replace current analytical laboratories in many applications. They could be portable and provide analytical results almost immediately. Examples of applications include breath alcohol testing and pipeline leak monitoring. Our technology has the potential to create even more sensitive and cheaper chemical lab-on-a-chip devices.



## Environmental Monitoring - Light Detection and Ranging

The Company believes that vacuum tubes currently utilized in LIDAR applications may be replaced by rugged, solid-state devices based on its technology. Due to its high sensitivity, the operation of a photo-detector based on the technology will be less susceptible to particle interference. The emergence of low-cost detectors with superior performance could lead to the substantial growth of this market.

## Security Devices

The ability to sense very weak sub-nanosecond impulses is valuable in many security applications. PSFT's technology has the potential to create the most sensitive security devices compared with conventional APDs and APD arrays, including active pixel arrays for automatic monitoring.

## DISCRETE AMPLIFICATION (DA) TECHNOLOGY

ATI's research team has developed a new approach for the detection of low-level signals - multichannel Discrete Amplification (DA) - that allows the simultaneous attainment of very high gain, high speed and ultra-low excess noise in a solid state device. Discrete Amplification (DA) involves three basic functions:

- **Distributing** individual signal electrons into a separate independent amplification channel
- **Amplifying** each individual signal electron in a separate channel to a readable charge packet
- **Reading** the amplified charge packets

Amplification Technologies' DA photodetectors could function in both analog and photon counting modes. The DA photodetectors provide:

- Photon-counting level sensitivity
- Wide spectral range
- Relatively flat spectral sensitivity curve
- Wide dynamic range
- High photon detection efficiency
- Fast response
- High voltage stability
- High thermal stability

Currently, detection and amplification of low level light signals is usually accomplished using Photomultiplier Tubes ("PMT"), and to a much lesser extent Avalanche Photodiodes ("APD"). PMTs, which are vacuum tubes, have been the standard solution since the 1950's. Their disadvantages include that they are not solid state, require high voltage and are bulky, fragile and sensitive to magnetic fields. They also have limitations in certain operational areas of speed and recovery. APD's disadvantages in detecting signal strength include the introduction of excess noise (unwanted signals or distortion) in the amplification process, and limited abilities to increase the strength (amplitude) of the signal (gain). Our key patented technology, called Discrete Amplification ("DA"), allows the manufacture of semiconductor devices that provide high gain with very low noise, operate continuously in a "non gated" mode and feature a relatively wider wavelength spectrum in which a key measure of detection performance, Photon Detection Efficiency ("PDE") attains desirable levels.

## MANAGEMENT

### Jack N. Mayer, *President, Treasurer, Director.*

Mr. Mayer has been a hedge fund analyst and portfolio manager for over 20 years and specializes in complex bankrupt and distress situations. Mr. Mayer has a Masters in Mathematics from Columbia University. Mr. Mayer is also lead director of Gyrotron Technology Inc. and a co-founder and director of MET Tech Inc.

### Samuel M. Zentman, *Secretary, Director.*

Dr. Zentman has served as a director of Acorn Energy, Inc. (ACFN.BB) since November 2004. He currently serves as lead director of Hinson-Hale Medical Technologies, a privately held supplier of highly engineered textiles for demanding medical applications, and Coreworx, an engineering project control software company and a subsidiary of ACFN. He served as chairman of the board of Torah U'Mesorah and is a member of its Executive Committee. Dr. Zentman has a Ph.D. in mathematics.

### Mikhail Leibov, *Director.*

Mr. Leibov is a management and investment consultant. He founded and was CEO and Chairman of Corbina Telecom, one the largest telecom carriers in Russia, from its inception until 2007. During this period Corbina was sold at successively higher prices three times, ultimately for over \$300 million. Mr. Leibov grew Corbina from a startup into a far-flung enterprise offering a range of services throughout major markets in Russia. Thereafter he was Chairman and President of IDT Telecom till April 2008, managing several divisions of IDT and offices in almost 30 countries. Mr. Leibov has a Masters of Science degree in Mathematics and Applied Computer Science from Moscow University.

### Steven Zvi Weinreb, *Director.*

Mr. Weinreb is currently a partner in WK Holdings, a real estate holding company. Mr. Weinreb was previously CEO of American Rice, Inc., one of the largest rice milling and marketing companies in the US, and CEO of Vitarroz Corporation, a Hispanic food distribution company.

### Avery Kornbluth, *COO, Amplification Technologies, Inc.*

Mr. Kornbluth joined ATI from MAP International, a start up where he was CTO. Prior to joining MAP in 2008, Mr. Kornbluth was CTO of IDT Corp managing a staff of over 300 people. Mr. Kornbluth was also previously CTO of Furman Selz Trust Company.