Gyrotron Technology, Inc

High Performance Industrial Process Technologies

GYTI

TECHNOLOGY SOLUTIONS THAT SHAPE THE FUTURE

## CORPORATE HEADQUARTERS


**Gyrotron Technology, Inc.**
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**Bensalem, PA 19007**
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**Website: www.gyrotrontech.com**


## FINANCIAL SUMMARY 4/30/14)

| | |
|---|---|
| **OTC:** | **GYTI** |
| **Market Cap:** | **$10MM** |
| **Recent price:** | **$ .75** |
| **Shares Outstanding:** | **13,375,165** |
| **Public Float:** | **1,408,997** |
| **Insiders Holding:** | **78%** |
| **Fiscal Year End:** | **DEC 31** |

## EXECUTIVE MANAGEMENT

**Dr. Vlad Sklyar, President, Director**

**Dr. Michael Shevelev, Technology Director**

**Jack Mayer, Director**

**Jerome Balsam, Director, Secretary**

**Chuck Mitman, Sr. Consultant – Marketing and Business Development**

## Service Providers

### Auditor

**Freed Maxick & Battaglia CPA, PC**
**800 Liberty Building**
**Buffalo ,New York 14202-3508**

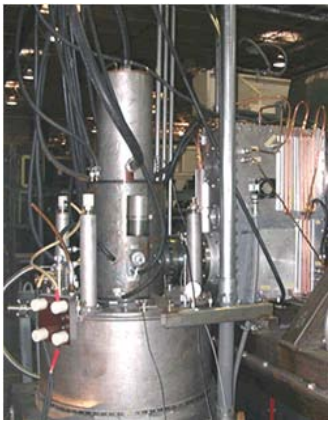
### Legal Counsel

**David Lubin & Associates, PLLC**
**10 Union Ave. Suite 5**
**Lynbrook, NY 11563**

### Transfer Agent

**Manhattan Transfer Registrar Co.**
**57 Eastwood Road**
**Miller Place, NY, 17764**

## Gyrotron Technology Inc. AT-A-GLANCE



**Gyrotron Technology, GYTI,** develops and markets unique industrial technology solutions to a broad range of industries, including glass, plastics and semiconductors. These technologies substantially enhance productivity and cut costs by applying heat in a dramatically more efficient and effective manner than is possible with legacy technologies. Most of GYTI's technologies utilize the gyrotron, a very sophisticated device originally developed for high energy physics that produces a controllable, concentrated beam of high frequency microwave energy ( the Gyrotron Beam or "GB"), and use this beam as an alternative or supplementary source of heat in a broad range of industries, producing unprecedented results. GYTI's product lineup also includes patent-protected glass laminating equipment and technology (Gyrotron Laminating System, or "GLS"). GYTI's technologies also have multiple applications to solar cells. Over $8MM has been invested in GYTI to date.

### What is the Gyrotron beam?

**The only known Beam of High Frequency Microwaves**

| | Gas Hot Air | Infrared | Laser | Gyrotron Beam |
|---|---|---|---|---|
| **Efficiency** | **Under 50%** | **Around 60%** | **Over 90%** | **Over 98%** |
| **Accessible power over 1 sq ft** | **10kW** | **20kW** | **10kW** | **1,000kW** |
| **Heating rate in degrees/ second** | **1C⁰/sec** | **2C⁰/sec** | **1,000C⁰/ Sec** | **> 20,000C⁰/ sec** |
| **Time for boiling 1 gallon of water** | **120 sec** | **60 sec** | **80 sec** | **Less then one sec** |
| **Ability to heat a specific location in 3 dimensions** | **No** | **Limited** | **No** | **Yes** |

## Some Examples of Gyrotron Beam Technologies

GTYI's glass shaping technology can improve windshield glass quality while significantly lowering costs. The technology decreases the required shaping temperature, thus reducing optical distortion.

GYTI has successfully demonstrated the ability to cure specialized plastic foam utilized in a major consumer product in a fraction of the time, and using a fraction of the energy, required by conventional technology.

Semiconductor manufacture requires activating dopants by both heating and cooling. Use of GYTI in chip manufacture could, increase the speed and power of computers and other semiconductor devices significantly.

Preliminary testing suggests that a new GB technology can be used in food processing, eradicating bacteria on the surface of produce and meat carcasses to a safe level without harming the quality of the food. Other GB applications include glass cutting, tempering glass for both residential and automotive applications, tempering thin glass, and curing polymers.

The gyrotron facilitates joining glass, ceramics, plastics, and other materials, including completely sealing thin-layer PV solar modules, thus protecting them from moisture (which destroys the modules) for a projected 20 years, much longer than is possible with legacy technologies.

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## GLS Laminating and Encapsulation Technologies

The GLS is the only currently available tool for in-line production of laminated glass and solar modules without any external pressure (autoclaves, pinch rollers, vacuum bags, etc). The GLS can laminate a broad range of glass products (safety, hurricane, ballistic, and other) as well as encapsulate many different kinds of solar modules. It is also being developed for laminating displays such as LCD's and touch panels. It is suitable for laminating products sensitive to pressure and temperature, as well as products with decorative and functional inserts.

## Some Key Advantages of GYTI's Technologies

### Glass Processing

- Energy savings of up to 50%.
- Higher quality product
- Enables new products (e.g. thin tempered glass, more complex windshields, vacuum insulated windows)

### Semiconductor Processing

- Faster more powerful chips
- Dopants moved by only 20 – 30 angstroms; ultra shallow junctions
- Activated dopant concentrations exceeding solubility limit

### Solar Cell Processing

- Higher solar efficiency
- Unique sealing technology; higher reliability
- Applicable to next-generation flexible solar modules

## Business Model

GYTI's customer base consists of industrial manufacturers who will use our technology solutions to improve their processes. The revenue model for its GB technologies is to license them, integrate them into customers' architecture and industrial process, and collect royalties. The company intends to monetize its GLS technology by selling equipment manufactured by subcontractors to GYTI's specifications and also collecting licensing fees and royalties.

## GYTI Milestones/ Objectives for next 12 months

- Obtain royalties from a completed gyrotron beam installation for glass shaping at a Fortune 500 Company.
- Commence two more gyrotron based projects with same customer and at least two with other customers
- Complete development and enter into a commercialization agreement related to a high volume consumer product
- Sell at least 3 GLS installations for ordinary thickness glass.
- Successfully perform formal bacteriological testing for a food decontamination technology.
- File at least 2 additional patent applications.
- Expand marketing and broaden infrastructure.

The above contains forward-looking statements within the meaning of the securities laws. Such statements are inherently uncertain as they are based on current expectations and assumptions concerning future events. Readers are cautioned not to place undue reliance on forward-looking statements.

## MANAGEMENT

**Dr. Vlad Sklyar, President, Director**

**Dr. Sklyar, an early-stage researcher and principal inventor of commercial applications for Gyrotron Beam technology, founded GTI in 1998. Dr. Sklyar possesses over thirty-five years of research and development experience, primarily in the creation of new commercial technologies using microwave and plasma radiation. He has led multi-pronged research and commercialization efforts in the FSU and the United States.**

**Dr. Michael Shevelev, Technology Dir.**

**Dr. Shevelev is a technical projects manager with over twenty years' experience in the physics of gyrotron materials interaction and its commercialization. He was a member of Dr. Sklyar's original gyrotron research and development team.**

**Jack N. Mayer, Director**

**Mr. Mayer has been a director of GTI since 1998. He was a hedge fund portfolio manager and analyst with Gabriel Capital Corp. and associated entities for over 20 years, specializing in complex bankruptcy and distressed situations. Mr. Mayer is a director of Powersafe Technology (PSFT.PK) and a co-founder of its operating subsidiary, and a co-founder and director of MET Tech, Inc.**

**Jerome Balsam, Director, Secretary**

**Mr. Balsam has been a member of the New York Bar since 1982 and a director of GTI since 1998. He previously clerked for two federal judges and was associated with the law firm of Willkie Farr & Gallagher. He currently serves as an in-house attorney for Gabriel Capital Corp., a service provider to Gabriel Capital LP, a major shareholder of GYTI.**