



**SATURN**

Electronics &  
Engineering, Inc.

**Saturn Electronics & Engineering Inc.**

**Company Overview**

**Wally Tsuha**

**September 20, 2010**



- Founded in 1985 by Mr. Wallace Tsuha
- A leading, privately-held, global provider of electronics and electrical components, modules and sub-systems in three product families:



Wiring Harnesses



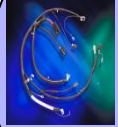
Electronic Modules



Solenoids

- Premier product lines with custom manufacturing and design engineering capabilities. 50 patent listings, 15 patents pending
- Currently service the Automotive, Appliance, Communications & Industrial Markets
- Global sales, engineering, and manufacturing operation locations
- Certified Minority Business Enterprise

## Wiring and Pwr



- Junction Blocks
- Pwr Distribution
- Battery Cables
- Vehicle Wiring

## EM Solenoids:



- BTSI
- Trunk Latch
- Skip Shift
- HVAC

## AUTOMOTIVE



## Telematics:

- OnStar Communication
- GPS



## Solid State Sensors

- Position
- Pressure
- Urea



## Powertrain Solenoids:

- VFS-Transmission
- On/Off-Transmission
- PWM-Transmission
- MDS-Engine
- Cam Phasing-Engine
- 6 Speed Automatic Transmissions



## Body and Chassis Modules:

- ABS Pressure Sensors
- Chassis Control
- Memory Seat
- Power Sliding Door



## ENERGY



- Smart Energy Modules

## APPLIANCE



- Electronic Controllers
- User Interfaces
- Power Supplies

## CONSUMER



- Batteries

NON AUTOMOTIVE



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A large, faint, light-gray image of the planet Saturn with its rings is centered in the background of the slide.

# **Entrepreneurship & Innovation**

- 🌐 **Large Deficit Spending and Huge Gov. Debt**
- 🌐 **Huge Trade Deficit**
- 🌐 **High Unemployment**
- 🌐 **Lower Level Education**
- 🌐 **Aging Baby Boomers**
- 🌐 **Standard of Living Peaked**
- 🌐 **High Public Sector Legacy Cost**
- 🌐 **High Consumer Debt**

-  **Japan Aging Population**
-  **Decrease in Population**
-  **Graduate Students Staying in Japan**
-  **Huge Government Debt**
-  **Value of the Strong Yen**
-  **Global Competition BRIC**
-  **Higher Labor Cost**
-  **Low Level of New Entrepreneurs**

# What We Have In Common

-  **65 Year Relationship**
-  **Mature Economies**
-  **Strong Intellectual Property**
-  **Aging Population**
-  **Exporting is Important**
-  **Mature Business Ethics**

-  **Promote Entrepreneurship in Japan.**
-  **Use intellectual property for ventures.**
-  **Expand venture Capital to Japan.**
-  **Capitalize on Energy conservation technology.**
-  **Capitalize on Japan's Green tech knowledge.**
-  **Collaboration of small/mid size companies.**
-  **Grow small regional companies that act like a large global company with a lower cost structure.**

- ① **Business exchange between Silicon Valley Venture Capitalist and Japan entrepreneurs.**
- ① **Set up a network and system to support teaming up of small companies in US and Japan.**
- ① **Forum to build relationships and trust between entrepreneurs.**
- ① **Work with potential Japanese entrepreneurs to overcome the fear of failure.**

# Benefits of Working Together

-  **Merge Knowledge with Entrepreneurship.**
-  **Grow business with products that have intellectual value .**
-  **Transfer Green technology to USA**
-  **Grow small and mid size businesses.**
-  **Use export as the key to future growth.**
-  **Provide growth opportunities for two mature economies.**