

# Colley's Inventions

Colley's Inventions

Colley's Inventions is actively seeking Investors and re-sellers to become a part of this exciting project. If you are interested in becoming a part of the Colley's Invention team, please read the following invitation from founder and CEO George Colley:

Dear Colleagues:

My creation, known as Colley's Invention, is a redesigned treadmill that enables the user to exercise one leg at a time. Most notably, this distinctive design is safer and easier to use by those who have difficulty operating a conventional treadmill.

Colley's Invention has the potential of rehabilitating stroke victims faster than anything on the market. Wayne State University and Detroit's TechTown, have partnered with Colley's Invention, LLC in building the first prototype of this remarkable therapeutic device.

This unique invention has numerous applications that will benefit broad segments of the population, including:

- (1.) Facilitating successful recovery of medical patients by targeting specific areas of rehabilitation (i.e. stroke victims, auto accident victims, wounded veterans, etc.);
- (2.) Maintaining the physical health of the elderly;
- (3.) Providing a fun and easy option for children to maintain a healthy lifestyle; and,
- (4.) Due to its scooter-like qualities, offering the general population an exciting alternative to traditional treadmills.

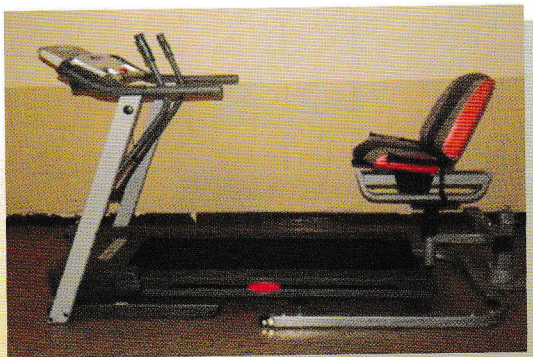
***In 2008 groundbreaking new medical research at Johns Hopkins Hospital proved that stroke patients benefitted from using a treadmill that would adapt to their needs.***

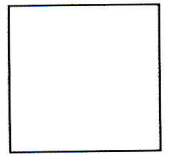
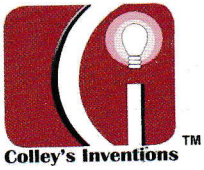
I would like the opportunity to meet with you to further discuss this unique product and demonstrate how Colley's Invention offers a new and better alternative in therapeutic and rehabilitation devices.

Should you require any additional information on becoming involved with this exciting venture, please contact me at [george@colleysinventions.net](mailto:george@colleysinventions.net), via our website [www.colleysinventions.net](http://www.colleysinventions.net) or via phone at (313) 468-0289 or (313) 3417071.

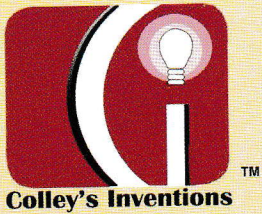
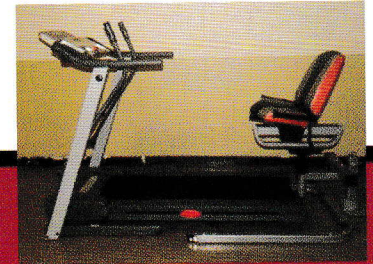
Optimistically,

George Colley, CEO  
Colley's Invention, LLC





## Colley's Therapeutic Treadmill Seat System



## “Accelerating Rehabilitation for Independent Living”

### The Problem

- Most stroke and traumatic brain injury rehabilitation programs focus on short-term treatment in a supervised clinical setting
- 8% of patients are advised to continue full body rehabilitative exercise to gain independence
- There is no home solution for the millions of impaired patients who can't use traditional treadmills or afford continued clinical rehabilitative treatment



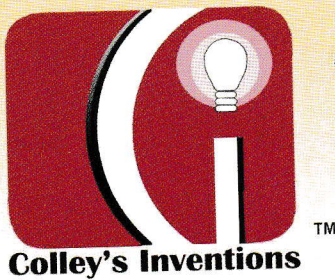
### Product Solution

Impaired patients will be able to begin home rehabilitation with exercise before they are able to stand. Patients will be able to exercise with one leg while other is stationary or with both if able. The product is designed for post-rehabilitation exercise that does not require the participation of a physical therapist. It is designed for use in the home with a traditional treadmill as well as in a clinical setting.

- Patented seat device enabling safe mount and dismount
- Unit issue first patent in 2004, second patent pending
- Provides safe, independent home use of treadmill or recumbent cyler
- Offers full featured health monitoring system with data transfer
- Provides automatic stop-start features

### Problem Solved

The Advanced Therapeutic Treadmill Seat provides gait training, balance improvement, enables seated position for lower body exercise and full standing position for full body exercise.



# ***“Accelerating Rehabilitation for Independent Living”***

## **Vision/ Mission Statement**

Colley's Invention researches, develops, and manufactures cutting edge technologies that promote safe, effective therapies for patients after neurological and orthopedic injuries. Colley's Invention allows patients to practice a wide-range of physical therapy activities early after their injuries in a safe, controlled manner and is intended to promote improvements in balance and walking ability. Our mission is to be the premier top of mind choice to meet the needs of “full body” exercise rehabilitation.

### **Our Authenticity**

- Clinical studies have shown that low impact aerobic exercise on a treadmill, significantly accelerates a patient's rehabilitation.
- Colley's offers an enhancement to treadmills that allow patients unable to stand to use treadmills effectively
- Colley's provides a home solution for the millions of impaired patients who can't use traditional treadmills or afford continued treatment

### **Rational Reasons to choose us:**

- Safe for independent use
- Easily adapted to existing treadmill equipment
- Can be used through various stages of condition
- Allows users to exercise before they can stand
- Accelerates rehabilitation to independent status

### **Points of Amazement**

**The "Safety and Convenience"** The Advanced Therapeutic Seat can be used independently in the home for varying levels of patient conditioning by providing multiple levels of stabilizing support features

**The "Affordability"** The “Seat system” can be used in the home when clinical therapy can no longer be maintained due to cost, insurance limitations etc.

**Email: [George@colleysinventions.net](mailto:George@colleysinventions.net)**

**Website: [www.colleysinventions.net](http://www.colleysinventions.net)**

**[info@colleysinventions.net](mailto:info@colleysinventions.net)**

**Phone: (313) 397-4002**

**Cell: (313) 468-0289**

## The Market Size

Over 15 million new incidences a year for the following conditions can benefit from gait therapy using a treadmill:

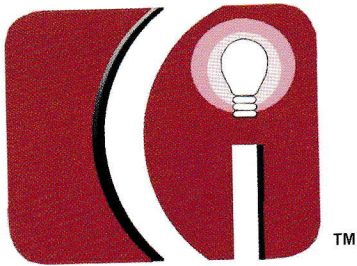
- Stroke
- Vestibular (balance)
- Head Injury
- Spinal Cord
- Alzheimer's
- Amputee
- Older Adult Patients
- Cerebral Palsy
- Hip / knee injuries

Of those patients, 31% are prescribed outpatient rehabilitation treatments while 8% will require "full body" exercise regimes. This device targets those 8% or 1.2 Million patients



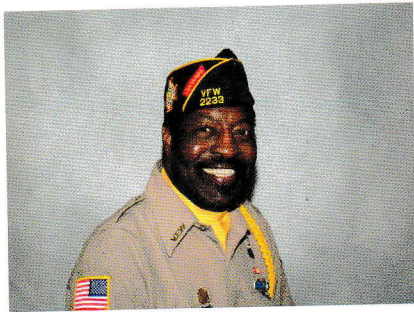
## Company History

Colley's Invention, LLC was formed in 2009 to develop, market, and license its advanced therapeutic treadmill seat technology to the consumer and rehabilitation marketplace. Based in Southeastern Michigan, the company was founded by George Colley, the inventor and holder of US Patent 6878101 - 7892150 for the company's key offering. Through various supply and distribution agreements Colley expects to accelerate its entry into the consumer and the regulated insurance reimbursable market segments.



# Colley's Inventions

*Colley's Inventions*



The company was founded by George L Colley, CEO, who is the inventor, applicator, engineer and holder of two US patents (#6878101 and #7892150). Colley's Inventions, LLC was reformed in 2007 to develop, market, and license its custom treadmill seat apparatus technology for high-end treadmills to the consumer and rehabilitation marketplace. The product is known as Colley's Therapeutic Treadmill and Seat Assembly. Colley's Inventions, LLC is based in Southeastern Michigan.

Through various supply and distribution agreements for the retail treadmill market, the company expects to accelerate its entry into the consumer and light duty commercial market segments. The company has made a point of aggressively protecting its intellectual property, primarily the Engineered Seat Apparatus. With the custom Treadmill Seat Apparatus, the company will be able to enter the high function treadmill markets, which carry a higher price and higher gross margins.

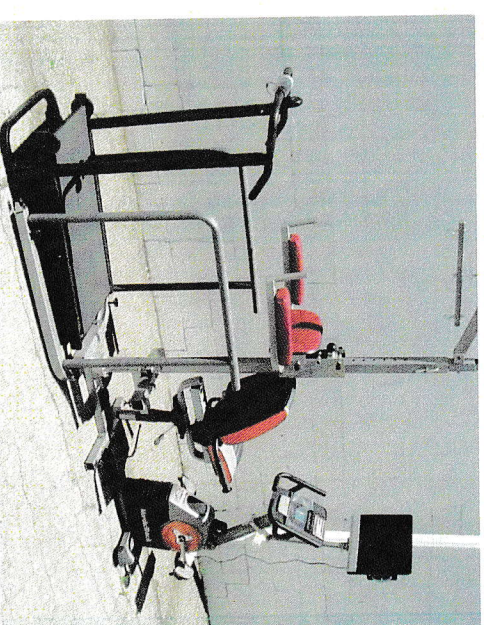
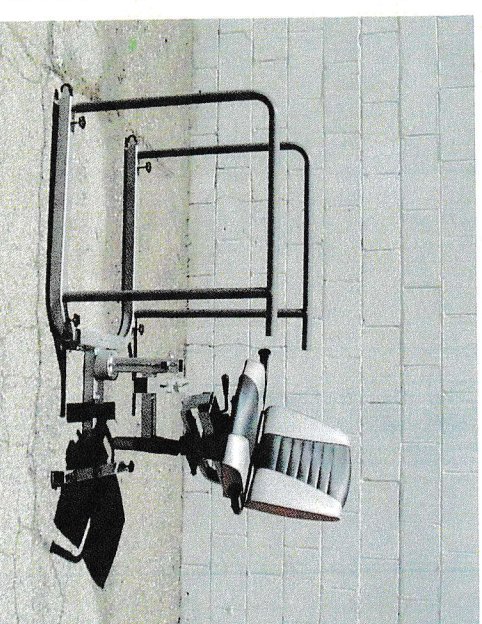
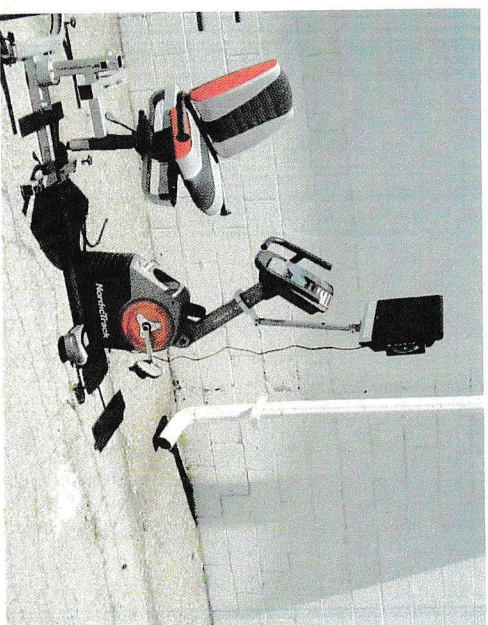
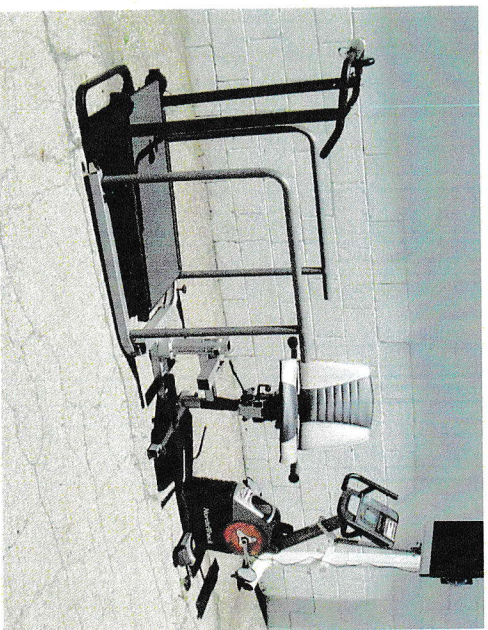
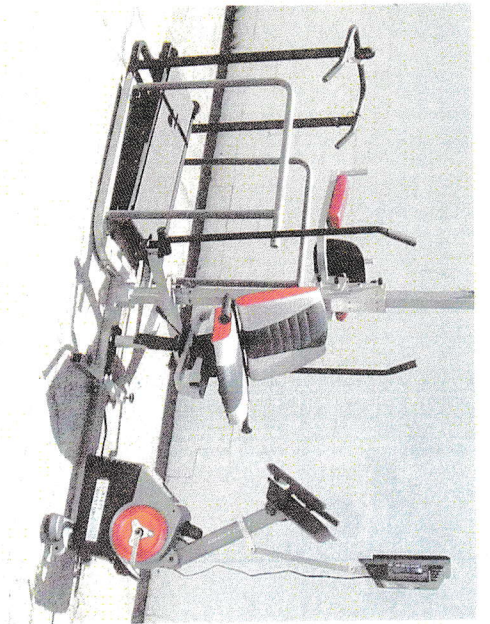
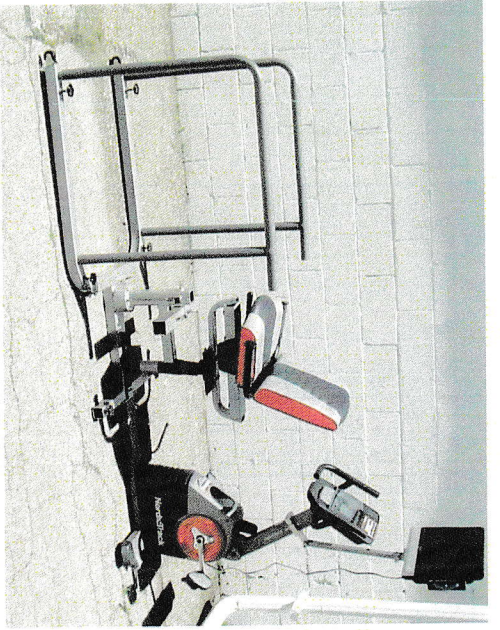
Inventor George Colley retired from General Motors Corporation after 35 years of service, including 20 years of leadership experience as a UAW representative. He is also a Vietnam veteran who was honorably discharged in 1971 (Army 173rd ABN). Subsequently he entered the entrepreneurial arena, owning and operating Colley's Hand Car Wash and Landscaping Business for 15 years.

Mr. Colley is the inventor of Colley's Therapeutic Treadmill Seat Assembly (2009). Currently he is affiliated with Wayne State University and Detroit's TechTown.

- 35 Years manufacturing experience with General Motors/AAM
- Retired from General Motors Corporation after 35 years of service
- 20 years leadership experience as a UAW representative
- Vietnam Veteran: Honorably Discharged 1971 (Army 173rd ABN BDE)
- Entrepreneur: owner and operator of Colley's Hand Car Wash & Landscaping Business for 15 years
- Owns and Operates Emily's Expressway Carry-Out Restaurant
- Inventor: Colley's Therapeutic Treadmill Seat Assembly (2009)
- Present Affiliation: Wayne State University / TechTown
- Member of VFW Post 2233
- Member of Michigan Homeland Security



New Super Miracle  
Therapeutic Seated  
Treadmill



## I. Executive Summary



**Industry:**  
Home Medical Equipment

**Product:**  
Advanced Therapeutic Treadmill Seat

**Value Proposition:**  
The advanced therapeutic seat allows impaired patients the ability to use a treadmill without standing up accelerating independence using an affordable home based system.

**Status:**  
Concept Feasibility: prototype ready

**Intellectual Property:**  
US Patent # 6878101  
2nd Patent pending

**Current Investment:**  
Founders: \$150,000  
Loans: \$5,000

**Funding Sought:**  
\$175,000

**Revenue Projection:**  
Year 5: \$7.8M

**Exit Strategy:**  
Company sale

**Founder/Management Team:**  
George L Colley, CEO  
colleysinvention@att.net

Lucretia Williams, Business Development  
lucretialwf@gmail.com

**Legal Counsel:**  
Tamiara Cason, Miller, Canfield,  
Paddock and Stone, P.L.C.

**Contact Information:**  
George Colley  
colleysinvention@att.net  
313-341-7071 / Cell: 313-468-0289

In 2008, **groundbreaking** new medical research proved stroke patients could and would benefit from using a treadmill that was adapted to their needs years after a stroke.

### The Problem

- Most stroke and traumatic brain injury rehabilitation programs focus on short-term treatment in a supervised clinical setting
- 8% of patients are advised to continue full body rehabilitative exercise to gain independence
- There is no home solution for the millions of impaired patients who can't use traditional treadmills or afford continued clinical rehabilitative treatment

### Our Solution

- The advanced therapeutic treadmill seat is a patented device that enables independent safe mount and dismount for home use of a treadmill or recumbent bike
- Provides affordable post clinical outpatient rehabilitation
- Offers medical connectivity via a full featured health monitoring system with data transfer
- Provides automatic stop-start features for safe use

### The Technology

The product is a seamless addition to an existing treadmill that allows users to benefit from the following features

- Seat designed to support therapy from a seated position
- 360 deg. swivel function for getting on and off unit safely
- Adjustable upper body support system
- Designed to handle 500 lbs of vertical weight
- Chrome molly steel tube structure for strength and safety
- Unit designed to fit all treadmills with 16" track and larger
- Overhead support device for harness attachment

### Milestones

	1Q-2Q 2010	3Q 2010	4Q 2010	1Q 2011	2Q 2011	3Q 2011	4Q 2011
Phase 1 prototype							
FDA consultation							
Market research							
Engineering analysis							
Phase 2 prototype							
Beta site trials							
Mfg/ purchasing agreements							
Insurance reimbursement analysis							
Initial distribution agreements							
Product launch							



## Special Treadmill Helps Stroke Patients Walk

Published: May 18, 2008

For the more than 700,000 people who experience a stroke each year, many never regain the ability to walk like they did prior to their stroke. However, PTs, using a specialized treadmill, have discovered a new way to help stroke patients walk again—correctly.

The results of their study, conducted at Baylor Institute for Rehabilitation (BIR), appear in the April 2008 issue of the Archives of Physical Medicine and Rehabilitation.

Often times, during rehabilitation, stroke patients develop an abnormal gait pattern, which can be difficult and sometimes impossible to correct.

“Gait impairment is common after a stroke with many survivors living with a walking-related disability, despite extensive rehabilitation,” says Karen McCain, DPT, lead investigator of the study at BIR. “Walking incorrectly not only creates a stigma for these patients, but it also makes them more susceptible to injury and directly affects their quality of life.”

After completing the pilot study, all seven of the patients enrolled were able to walk with a basically normal gait pattern, all without the use of even a cane.

“In my 14 years as a physical therapist I have not treated seven stroke patients total that walk this well. We are definitely on to something.”

Lisa Day, a 44 year-old with no family history of stroke, was completely paralyzed on her left side after experiencing a stroke in September 2007. Within three weeks of sessions on the treadmill she was walking again the way she did prior to her stroke.

“I brought a wheelchair home from the hospital in case I needed it, but I only used it twice. To see me walk, you would never know that I had a stroke,” says Day.

Lisa is now back on the treadmill again—this time for exercise—and walks over a mile several days a week.

[Read more on Physical Therapy Products - SOAP Notes](#)



### Treadmill Buying Guide

What You Should Know Before Buying. Read Treadmill Buying Guide Today!

V V

### New Stroke Treatment

Improve your quality of life with our innovative stem cell therapy!

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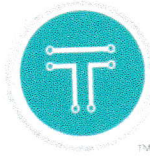
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### Related News

- [Robotic brace aids stroke recovery](#)
- [State-of-the-Art Applications](#)
- [Virtual Reality Device Helps Multiple Sclerosis Patients to Walk More Quickly](#)
- [HealthSouth and Motorika Announce Agreement](#)
- [Engineers Pitch Medical Marvels with Motion Systems](#)





WAYNE STATE UNIVERSITY RESEARCH & TECHNOLOGY PARK

# TECHTOWN

WHERE MINDS AND MEANS CONNECT

June 24, 2010

To Whom It May Concern:

We are proudly writing in support of Colley's Invention LLC, a dynamic company in the Detroit business community. We've had the great pleasure of assisting innovative startup companies to accelerate growth and development as part of the TechTown, Wayne State University's research and technology business incubator.

TechTown's efforts impact the southeastern Michigan region by stimulating job growth and small business creation. We invest in firms in emerging high-growth industries including advanced engineering, rehabilitative & medical, life sciences, alternative energy, green concerns and services. Colley's is part of SmartStart, our signature business acceleration program. Through a competitive process TechTown has chosen to commit resources to facilitate development of this exciting startup firm.

We will be supporting Colley's Invention LLC to manage issues like market research, ongoing product development, funding, and basic business operations to maximize revenue growth and profitability.

We at TechTown are particularly excited about Colley's commitment to the City of Detroit, Southeastern Michigan and the overall commitment to being a vibrant part of our future. We wholeheartedly support their efforts. Please feel free to contact Vita Merlotti, SmartStart Support Leader, at 313.483.0998 if you have any questions or need further information.

Sincerely,

Randal Charlton  
Executive Director, *TechTown*  
Entrepreneur-in-Residence and Special Assistant to the President for Economic  
Development, *Wayne State University*



# Lakeshore Healthcare

Woodward Campus

9146 Woodward Avenue • Detroit, Michigan 48202 • (313) 875-1263 phone • (313) 875-5842 fax  
www.lakeshorehealth.com

June 16, 2011

Mr. George Colley  
Colley's Invention LLC  
19326 Snowden Street  
Detroit, MI 48235

Dear Mr. Colley,

It was indeed a pleasure to observe the presentation and demonstration of your machine this week at our facility, Lakeshore Healthcare Skilled Nursing & Specialty Care. We hope you were able to benefit from the verbal feedback that you received from the group that sat in on the demonstration. This group included our Vice President of Operations, Deepak Bhalla; Medical Director, Elizabeth Arnold, M.D.-CMD; along with our physical therapists, rehabilitation specialists and Director of Nursing, Trella White, RN. They all expressed a positive interest in possibly utilizing your machine with patients whose conditions and needs meet the qualifications.

After the demonstration, we were pleased with your open-mindedness in listening to our objective comments about the machine and the issues we feel should be addressed prior to use at our facility. Safety aspects and ease of use are our primary concerns. The seat, as we all acknowledged needs to have a greater capacity for being lowered for shorter patients who may have to be moved directly from their wheelchairs to the machine with ease. This adjustment will give us the ability to bring the machine into our facility for a 30-day trial period in order to consider validating it for your future marketing needs.

Mr. Colley, just a friendly reminder that we will need the appropriate FDA paperwork for use and the maintenance and use manual.

Please have Ms. Mitchell-Rodgers inform us when you are ready for a 2<sup>nd</sup> demonstration at our facility. We look forward to working with you as you continue your quest to promote and market Colley's Invention, LLC.

Sincerely,

Martha N. Little, BBA-NHA  
Administrator

cc: Charlene Mitchell-Rodgers

Skilled Nursing & Specialty Care

EEO Employer

Rev. James Hilliard  
Assistant to the Pastor

Daisy Walker-Pillow  
Chief Financial Officer

April 8, 2012

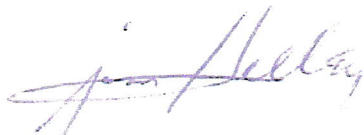
Ms. Rene Kelly  
Tech Town  
440 Burroughs St.  
Detroit, MI 48202

Dear Ms. Kelly,

I was approached by Mr. Colley sometime ago, needing my assistance in promoting his product. After a close look at the product we were very excited about the prospect of it being used as a rehabilitation tool in Nursing Homes and Rehab Centers. We are working on getting the equipment in Littlerock Nursing Care, currently owned in part with Lakeshore Healthcare, on a trial basis.

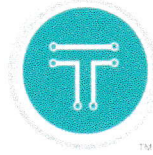
On behave of The Historic Little Rock Church, I am going to do all I can in helping Mr. Colley market this wonderful equipment.

Sincerely,



Rev. Jim Holley  
Pastor





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