

# ***FUTURE ENERGY*** ***Annual*** ***2009***

*featuring*

**Future Energy eNews**

**&**

**IRI Annual Report for 2008**

**Thomas Valone, Editor**



## **CREDITS**

**Integrity Research Institute wishes to acknowledge the following sources  
for this IRI Member's Annual Report**

*Future Energy eNews*

*Howard Johnson*

*Jordan Maclay*

*All COFE3 Speakers*

*AIAA*

*World Future Society*

*Sterling Allan*

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## TABLE OF CONTENTS

<b>IRI OFFICERS AND DIRECTORS - 2009.....</b>	<b>4</b>
<b>PRESIDENT's LETTER.....</b>	<b>6</b>
<b>INTEGRITY RESEARCH INSTITUTE HIGHLIGHTS 2008 .....</b>	<b>7</b>
<b>THIRD INTERNATIONAL CONFERENCE ON FUTURE ENERGY.....</b>	<b>10</b>
<b>ENERGY ADVANCEMENTS AND CONFRONTATIONS .....</b>	<b>14</b>
<b>Introducing James Dunn, Energy Technology Consultant.....</b>	<b>15</b>
<b>The Peter Sumaruck Story.....</b>	<b>16</b>
<b>Brits and Christie Magnetic Adams Motor Review.....</b>	<b>23</b>
<b>Adams motor .....</b>	<b>23</b>
<b>MAGNETIC FIELDS FROM THE QUANTUM VACUUM.....</b>	<b>28</b>
<b>HOWARD JOHNSON'S MAGNETIC GATES.....</b>	<b>29</b>
<b>IRI FINANCIAL REPORT 2008.....</b>	<b>37</b>

## PRESIDENT's LETTER

This year we have re-invented the *Future Energy Annual* once again. This time it is in a magazine style as well. For years, the *FE Annual* was a formal report, designed to be distributed to experts in the field of new energy. Therefore, this year we decided to experiment with a new design, dedicated to telling the stories that made the year memorable. While the Annual Report normally looks at the previous year (2008) before the one that just ended (2009), I wanted to also include a little bit of overlap, so that the connection between the years was more apparent. In that regard, a story about the **Third Conference on Future Energy in 2009** is included so many of you can see what you might have missed. I encourage you to send for at least a few of your favorite DVDs which are still available from the conference. Also showing some overlap is the story about **Howard Johnson**, which includes 2007 when we visited him at his home as well as 2008 when I experimented with some of his basic magnetic gate designs.

As our planet is creating more energetic responses to the thermal forcing of climate change, with record-breaking snowfalls in our area and more earthquakes and volcano eruptions than in recent history, I feel it is the responsibility of institutes like IRI to rise to the occasion and present viable solutions to the crisis. We hope that someday soon, our institute will be a little more fundamentally helpful than the **Rocky Mountain Institute** or the **Union of Concerned Scientists**, both of whom do wonderful work, but neither of which provide innovative breakthroughs for new energy. In that regard, our research with the zero bias diodes, magnetic gradient motor, and electric antioxidant clothing will continue, as well as our advocacy for the earthquake prediction invention of Dr. Elizabeth Rauscher. The **Foundation for the Future** in Seattle WA [www.futurefoundation.org](http://www.futurefoundation.org) has shown interest in funding a preliminary study of her patented device, so we will keep you informed.

We are looking forward to providing our members with significantly improved bonuses on a quarterly basis, such as with this coming year's FREE DVDs and magazines that are collector's items. Try to invite a friend to join IRI and help advance our cause.

Thank you for your continued support.

Sincerely,



Thomas Valone, PhD, PE  
President

## INTEGRITY RESEARCH INSTITUTE HIGHLIGHTS 2008



The 10th International Conference on **Science and Consciousness**

**Conferences and Presentations:** Our Institute had a busy year in 2008. Chief among many conferences was 1). **“Science and Consciousness Tenth International Conference”** sponsored by The Message Company in Santa Fe, New Mexico. Dr Valone presented two talks: *‘Modern Meditation, Science and Shortcuts’* and *“Evolution of Future Energy Technologies”*. The audience was over 1000. 2).



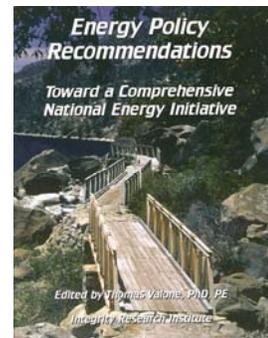
In May, 2008 Dr Valone was a guest on **Coast to Coast Radio Show**, with Host George Noory. For 3 hours, he talked about our institutes program: Energy, Propulsion and Bioenergetics. According to the Radio Show his interview was heard by over 8 million people worldwide. Also a downloadable iTunes of the show is still available for anyone on their website. We had a great response after the show and our website experienced 30,000 hits the day after the show. 3). Presentation at the **United Nations Food and Agriculture Organization (FAOLOW)** in Washington DC., to help employees deal with stress at the workplace with the slide presentation **“Modern Meditation in the Workplace”**



4). United States Energy Association hosted **“Energy Initiatives for the Future”** Dr. Valone participated in the ground breaking meeting with other energy

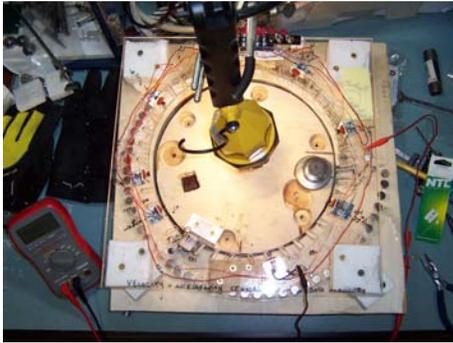


spokespersons at the Ronald Reagan Building in Washington DC. 5) **Progressive Radio Network**. Dr Valone presented a talk on Energy Technologies with an audience of over 1000. 6). **Conscious Media Network**. An Interview with Dr Valone, available on their website includes a discussion on Future Energy Technologies, as well as healing modalities with electricity and propulsion. 7). **American Institute of Aeronautics and Astronautics Conference** held a conference in Hartford Connecticut and Dr Valone presented a paper on **“Electrogravitics and Electrokinetics Possibilities for Space Travel”** to an audience of over 2000. 8). **World Future Society Annual Conference** in Washington DC. Dr Valone presented to an audience of over 5000 his slide presentation **“Emerging Energy Technologies for the Future”**.

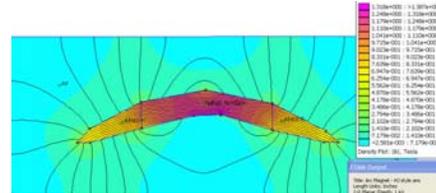


**Future Energy News Program:** We continue to research new emerging technologies and to report them in our free newsletters, brochures, and reports that include the latest news on energy developments, discoveries and research. This year we composed for

the Obama Administration and members of Congress the Report **“Energy Policy Recommendations”** for which we received a letter from President Obama himself thanking us for the report. Our **“Future Energy eNews”** is sent via email, monthly, to over 2000 recipients worldwide, free of charge. Also Quarterly mailings are sent for free to all our members. These include the latest papers and articles relating to emerging energy technologies as well as subscription gifts of important groundbreaking energy developments.

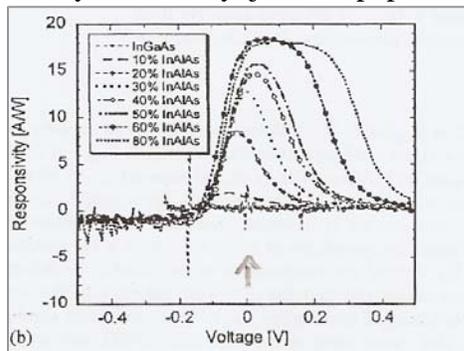


**Spiral Magnetic Motor Program.** This program is researching the capability of a totally permanent magnetic motor design for mechanical torque production. This year our lab researched several prototypes and models and built 5 different prototypes for testing and measuring. This research will continue for the next 4 years. Proposals for further funding

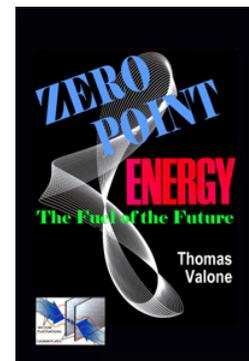


have been sent to several groups that have shown an interest in developing a new way of producing clean energy for transportation and electricity generation.

**Zero Point Energy Program.** The research continues on the possibility of tapping zero point energy through zero biased diodes. In our lab, we are currently researching this ability and many journal papers are being prepared for submission to several physics journals including one for the Institute of Physics Journal which will propose the use of zero biased diodes arrays as thermal electric noise rectifiers and non thermal energy harvesters. Also a presentation on the results will be given at the American Institute of Aeronautics and Astronautics meeting in February 2009.



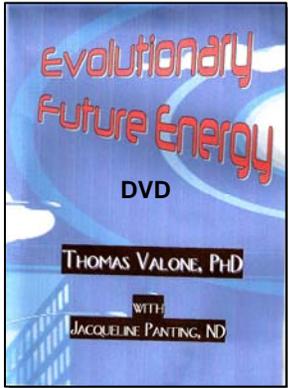
**“Zero Point Energy, the Fuel of the Future”** is now our



bestselling book. The hardcover edition includes 280 pages of the latest findings on Zero point Energy and numerous color figures and photos. Also popular is our “Practical Conversion of Zero Point Energy” book and the “Zero Point Energy and the Future” report. We are currently seeking more funding for this program through investors and VC’s alike.

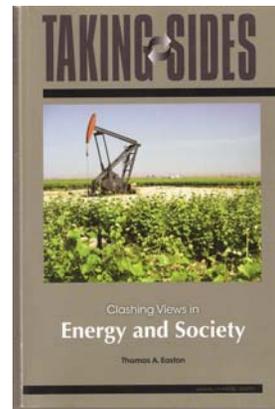
**Bioenergetics Program.** This program is designed to research bioenergy, and electrotherapy, including research on equipment, therapy machines and providers of Bioenergy therapy. **The Antioxidant Producing Clothing Project** is very close to a prototype and several investors have told us that they will be interested in funding this

program further when ready. It will offer antioxidant protection and energizing to wearers through trickle current and will be especially helpful to use during heavy exercise or exertion. Our line of **PREMIERs** (Photonic Rejuvenator Energizing Machine & Immunizing Electrification Radiator) machines has become a bestseller and feedback from buyers is always positive. We have expanded this line to 4 different PREMIER Jr. models, which can now be ordered with one, two, three or four noble gas tubes. Based on Tesla and Rife technologies and the Azure patent, these machines energize the body in a very short exposure. Uses the gas tube to deliver antioxidant electrons into the body tissues which studies show, directly neutralize free radicals. Invigorating and disinfecting, they help disease resistance. Currently an independent study is being conducted with a Canadian Laboratory. The study will continue through 2010.



**IRI Publications:** This year the new DVD “*Evolutionary Future Energy*” was produced. Tracing man’s use of energy with a psychological slant, it presents this subject in a way we have never done before. After extensive research by Dr Panting on Greek mythology and archetypes, she was able to identify each archetype with an energy source which rendered a psychological perspective on society’s use of energy. It is available on our website and our catalog. “*Future Energy Annual 2009*” has also been published for distribution to members. We are very proud that **McGraw Hill Publications** contacted us to obtain permission to reprint chapter one of *Zero Point Energy, Fuel of the Future* in their

college textbook “*Taking Sides: Energy and Society*” by Prof. **Thomas Easton**. Permission was granted for free to them. **SC Magazine** also contacted us and wanted Dr Valone to write the lead article for their July/August issues “*A Future beyond Oil*”. It is a wonderful issue and along with Dr Valone’s article there are articles by Robert Kennedy and other green energy enthusiasts. The book “*Future Energy, an Emerging Science*” is almost ready for printing and should be ready by late 2009. We also are happy to let you know that Prof. Oleg Jefimenko has given the copyrights of his book “*Electrostatic Motors*” to IRI. This book is now out of print and our Institute has been tasked to scan the original and reformat it for a new edition. This work is being scanned by one of our volunteers and is slated for publication in 2010. The book by Dr Elizabeth Rauscher regarding **Earthquake Prediction** is still being edited and is slated for publication for 2011. A grant proposal by IRI has been submitted to the Foundation for the Future in Seattle WA to do a preliminary study of that earthquake-prone city, with Dr. Rauscher as the principal investigator.



## THIRD INTERNATIONAL CONFERENCE ON FUTURE ENERGY

*By Jacqueline Panting, ND*

***The Conference on Future Energy held October 9 and 10, 2009 in Washington DC, featured two days of scholarly coverage of a wide array of new-energy technologies presented in panel discussions including , emerging renewables, advanced future energy concepts, fusion options and bioelectromagnetics. This conference was educational, entertaining and useful to all attendees, which included government, military, academic delegates as well as energy scientists, entrepreneurs and inventors. Even the Exhibit Hall outside the ballroom was filled with unusual future energy devices and displays, including two remarkable, high voltage electrotherapy units.***



Integrity Research Institute (IRI) has the trademark tradition of feeding the mind as well as the senses. These pairings are the hallmark of our conferences and all of us at IRI were very happy to host our Third International Conference on Future Energy (COFE 3) which provided the latest developments on Energy, Propulsion and Bioenergetics with superb speakers

together with a homey atmosphere filled with sustenance much appreciated by all, especially those of you who traveled far and wide to attend.

Friday evening started with a whirlwind series of presentations back to back. First, David Froning lectured on zero point energy propulsion simulations he has completed showing that space can be altered with a toroidal electromagnetic field



to create a force that will propel a spacecraft forward. This was followed by a bioelectricity lecture by Dr James Bare, who holds a patent on Rife-like, pulsed electrotherapy technology. Then Dr. Ray



Sedwick from the University of Maryland Aerospace Department presented his work on magnetic core inertial electrostatic confinement (IEC) which promises a new source of energy from D-3He fusion. Then Moray King presented his talk on water gas electrolyzers which included details of a half dozen inventors who have achieved electrolysis of water very efficiently to provide a source of hydrogen inexpensively.



After these lectures all attendees enjoyed a fine reception of sizzling and aromatic Tapas (little dishes of seafood, chicken, meat, vegetables, salads) together with Chocolate Fondue and an Open Bar which provided



a great chance to network, to meet one on one with speakers and attendees as well as to share views and current findings. This reception was sponsored by Energy and Propulsion Systems and by Lawrenceville Plasma Physics.



Saturday morning was kicked off with a Continental breakfast of fresh baked breads and freshly squeezed juices, as well as coffee and teas, generously donated by Chava Energy and Global Gateway Foundation. Once energized, attendees listened to the history of COFE, by Dr Thomas Valone who



started these conferences in 1999, surviving negative opinions from the US State and Commerce Departments and the American Physical Society. Ten years later, the future energy theme has subsequently been copied by many other environmental and technical groups in the US, Spain and Abu Dabai, until today many offers of support are surfacing. We were honored to have Robson Mello from the United Nations International Renewable Energy Organization (IREO) who discussed the United Nations efforts to bring renewable energy technologies around the world. His lecture was followed by the Future Renewables Panel discussion with Jerry Glenn from the Millennium Project, who has authored “State of the Future” for the past 10 years, Ed Esko, with Biofuels grown from algae, Larry Ott on Geothermal heating and cooling for the home, Dave Goldstein on Electric vehicles and moderated by NASA’s Center for Technology Innovations’ former CEO, Jim Dunn.



Then our Keynote Luncheon Speaker, the internationally known Fiduciary Expert, Wayne Miller, discussed the challenges of integrating Bioelectromagnetics in healthcare, while all feasted on a scrumptious buffet of salads, a variety of entrees and desserts. His electrifying presentation gripped the audience as he discussed the landscape of our economy and healthcare, as well as the sorry state of the Federal Reserve, who recently invited him to give them a lecture.

Opening the afternoon was the Fusion Panel loaded with top Fusion scientists like Eric Lerner from Lawrenceville Plasma Physics, Professor George Miley from the University of Chicago, Ray Sedwick who is a Professor at the University of Maryland and moderated by Dave Goodwin, from the US Department of Energy. This panel discussed in length all the energy options that alternative forms of fusion can provide, including direct current electricity generation for less than a million dollars, instead of billions that ITER presently demands.



The afternoon’s Special Presentation was a lecture by Dr Glen Rein, who is internationally known for his groundbreaking findings on Bio-Effects of Non-Classical EM Fields, followed by the Bioelectromagnetics Panel starting with Dr. Alan Greenberg, inventor of Chelorex, a natural chelation supplement, who explained that Johns Hopkins could offer no help for his patients who were sick from toxic metal poisoning, so he invented a product to mimic the body’s own means for detoxing. Dr. James Bare reviewed some of the ways that his resonant frequency therapy units are used.

Dr. Glen Rein reviewed some of the experimental results he has obtained with nonclassical magnetic field coils in biology. Dr Jacqueline Panting, who is a naturopathic doctor, introduced the importance of a standard for any electrotherapy so that insurance can issue a code and cover its usage. Moderated by Wayne Miller, the panel discussed the advances in the field of bioelectromagnetics, as well as their experiences for the past 10 years. A lively participation by the audience followed with numerous questions on how to implement these technologies in mainstream healthcare.



The final panel for the afternoon was the Advanced Energy Future Concepts that comprised the best scientists known today in the field of Zero Point Energy: Dr. Jordan Maclay, (recipient of the only NASA grant ever given to research ZPE) who reviewed his experiments designed to convert the Casimir force into useful energy, Dr Thorsten Ludwig, who reviewed some of his Casimir force experiments designed to tap zero point energy in the lab, David Froning, who discussed the feasibility of faster than light travel, Moray King who summarized his water electrolyzer concepts and moderated by IRI President, Dr Valone. The panel shared amazing findings on new methods for energy generation, which started off with an introductory speech by Hagen Ruff, CEO of Chava Energy, who is raising a significant amount of money for advanced energy research and development.

Closing our two-day event was our Gala Banquet and



Awards Dinner where IRI President Valone gave out the awards. The recipient of the “2009 Integrity in Research Award” was given to Dr Eric Lerner for his



groundbreaking work on focus fusion and successful million dollar funding of his company. The “2009 Integrity in Physics Award” was given to Mr Joe Firmage for his 15 year funding of work on emerging physics and propulsion research, most specifically inertial propulsion. The new “Sharon Maynard Humanitarian Service Award” was given to Mr Ivan Kruglak for his tireless support of emerging energy technologies. This new IRI award was named after Ms. Sharon Maynard who was a staunch supporter of emerging and eco-friendly technologies and whose passing just after COFE2 was a great loss to us all. In recognition to her life’s work, this new award will be given to those who share Sharon’s ideals of helping further these technologies.

Her husband, Dr. Elliot Maynard gave a brief biography of Sharon and her many abilities and activities. All this while we feasted on a formal sit down dinner with several delectable entrees options on serving plates left on each table, where we were treated to several helpings of different entrée choices, plus salads and exquisite desserts. The world famous emerging energy researcher, software genius and co-founder of the Carl Sagan Foundation, Mr Joe Firmage, gave his moving lecture on “Revolution in Physics” and presented his new book on the topic for the first time.

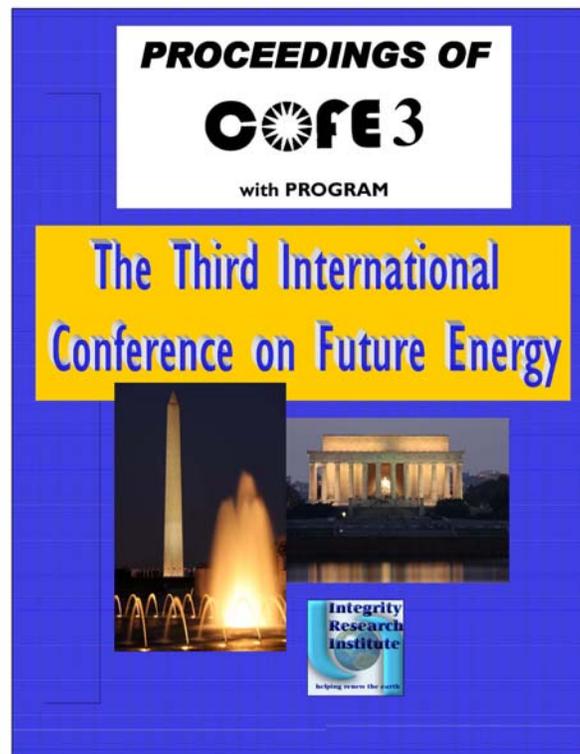




We also had a Raffle for an original artwork piece donated by Ann Kruglak of MysticDreamerArt.com, who uses only eco-friendly materials and donates all the proceeds to The World Land Trust. The lucky winner was Mr. Robson Mello who received the beautiful artwork from IRI Executive Director, Jackie Panting.

All who attended COFE 3 were lucky winners because they carried back with them the latest and most invaluable information on Energy, Propulsion and Bioenergetics, including the *Proceedings of COFE3* with all the papers presented at the conference, and a collection of fond memories, fellowship and stimulating intellectual and scientific exchanges. Copies of the *Proceedings of COFE3*

are still available and represent a great milestone in future energy, if for no other reason than the first Fusion Options panel ever conceived was held at COFE3. However, all of the presentations were ground-breaking in their scope.



## ENERGY ADVANCEMENTS AND CONFRONTATIONS

Thomas Valone, Integrity Research Institute

In 2008 and 2009, many interesting energy events occurred that involved an emotional need for endorsement or just simply information and security. Many of the exchanges happened by email so I thought it would be more personal if I simply reproduced the historic exchanges for our **IRI Members**, as they happened, concentrating on 2008 for this *Future Energy Annual Report 2009*. (My comments are in the Times Roman font.)

For example, below was an interview for a British magazine (*North-South*) that I contributed to. It has some pertinent issues that are raised which I answered for him.

----- Original Message -----

**From:** [Rob Colville](#)

**To:** [Thomas Valone](#)

**Sent:** Sunday, March 09, 2008 7:26 PM

**Subject:** RE: Feature about you

Dear Thomas,

Many thanks for your email and for kindly offering your help with this feature.

I shall ask my Editor whether he would consider including your article for publication in the next edition of the magazine. Would you mind sending it to me so that he can read it? As our print deadline is this coming week, we would greatly appreciate it if you could do this asap, and answer the following questions. Thank you for the link to your interview – very interesting.

1. In your interview, you said that 'the planet will never run out of oil'. If this is the case, why are prices increasing so rapidly and the notion that supply will outstrip demand so prominent?
- 1b. Do you think that the notion of 'peak oil' is a notion which serves the oil companies' profit margins more than anything else?
2. Are you familiar with 'radiant energy'? If so, what are its benefits?
3. If innovations – past and present – which provide 'free energy' and could potentially solve the world's problems, why are they not now the norm?
4. Why have the major energy providers not seized the opportunity to utilize these technologies, given that they could still charge for the infrastructure and provision of this energy?
5. To what extent are 'the people' making their own free energy devices?
6. Are you familiar with the Methernitha group in Switzerland? Reports detail how many scientists have viewed their 'Thestatika machine', yet are not able to succeed in recreating it themselves?

That's it! Hope they are OK for you.

I look forward to hearing from you soon.

Best wishes,

Robert Colville

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robcolville@hotmail.co.uk

## **Introducing James Dunn, Energy Technology Consultant**

### **Formerly with NASA Center for Technology Commercialization**

One of the pioneering energy consultants who retired from a technology development career is Jim Dunn. He also has been a speaker at two of our COFE events. Below is a list he created that puts new energy inventors on the spot so that all of us can tell the real ones from the imposters:

----- Original Message -----

From: "Jim Dunn" <[jdunn9421@charter.net](mailto:jdunn9421@charter.net)>

To: "ibrahim ajdinovic" <[no1ibrahim@yahoo.com](mailto:no1ibrahim@yahoo.com)>

Cc: "Tom Valone" <[iri@erols.com](mailto:iri@erols.com)>

Sent: Wednesday, May 28, 2008 4:53 PM

Subject: RE: FW: An existing motor car/earth magnetic field

Thank you for your response-

We would like to know the following info:

How much power can the unit produce, on continuous basis?

What is the input power level?

What is the lowest power level which it works at?

How large is it?

How much does it weigh?

How do you control the output level, or speed of the rotation?

How do you start and stop the device?

How many have been made?

Do you have any video of it operating?

Has it been tested in certified laboratories ?

What city is the device located in?

What is the closest international airport?

Regards,

Jim Dunn  
Energy Technology Consultant  
Boston, USA

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## The Peter Sumaruck Story

By Thomas Valone, Integrity Research Institute

The normal due diligence taken by eager investors still was not enough to prevent trickery and subterfuge from taking over as the 2008-09 year progressed. The big fiasco that shook the new energy community was due to Peter Sumaruck who claimed to have a free energy AC device and a company name called “**Zero-Amp Technology**” that hit the internet around November, 2008. Some links are posted below.

- [http://www.worldviewopinion.com/blog/\\_archives/2008/10/17/3935137.html](http://www.worldviewopinion.com/blog/_archives/2008/10/17/3935137.html)

NEW ENGINE FOR TRUCKS - No Oil, No Diesel, No Natural Gas, No Ethanol, No Emission, No Pollution - How Can That Be?

- [http://www.worldviewopinion.com/blog/energy/\\_archives/2008/7/28/3813911.html](http://www.worldviewopinion.com/blog/energy/_archives/2008/7/28/3813911.html)
- [http://www.worldviewopinion.com/blog/\\_archives/2008/7/28/3813911.html](http://www.worldviewopinion.com/blog/_archives/2008/7/28/3813911.html)

Brief Overview of ZERO-AMP-TECHNOLOGY

- [http://www.worldviewopinion.com/blog/\\_archives/2008/8/8/3830435.html](http://www.worldviewopinion.com/blog/_archives/2008/8/8/3830435.html)

As one or two networkers became instant fans of Sumaruck and helped advertise his claims, a few of us, Jim Dunn, George Hathaway and myself, continued to post skeptical analysis of the invention to alert the public to items that did not add up to a functioning generator. Even Sterling Allan, who is a free energy enthusiast, became more cautious as early as December, 2008 as seen in his careful assessment of the invention:

----- Original Message -----

**From:** [Sterling D. Allan](#)

**To:** [PES Staff egrouop](#) ; [NE Congress Tech Review egrouop](#)

**Cc:** [Thomas Valone](#) ; [Dr. Ted Loder](#) ; [Jim Dunn](#) ; [Charlotte Wilson](#) ; [Kirk Miller](#)

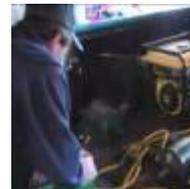
**Sent:** Tuesday, December 02, 2008 5:26 AM

**Subject:** Sterling's Video; PES Sata with Pete

With help from Kevn, I've posted the video footage I took in Pete's garage:

[http://pesn.com/2008/12/02/9501505\\_PeterSumaruck\\_ZeroAmp\\_demo\\_video/](http://pesn.com/2008/12/02/9501505_PeterSumaruck_ZeroAmp_demo_video/)

- [Electromagnetic > Zero Amp Tech > Zero Amp Tech demonstration video](#) - Video footage from a demonstration by Peter Sumaruck of his "Zero Amp" technology which allegedly puts out far more energy than it consumes. The video also shows Pete flipping through his photo album of the self-looped 36 kW set-up he allegedly built for the Army. (*PESN*; Dec. 1, 2008) (See also [PES Saga](#))



Also, I had a little fun in responding to Charlotte's post at PESWiki:  
[http://peswiki.com/index.php/Talk:Directory:Pete%27s\\_%22Zero\\_Amp%22\\_Electronics#PES\\_Saga](http://peswiki.com/index.php/Talk:Directory:Pete%27s_%22Zero_Amp%22_Electronics#PES_Saga)

## PES Saga

### **PESWiki is angry and vengeful**

*On Dec. 1, 2008, [Charlotte Wilson](#), Pete's representative, wrote:*

Because of a variety of connections I made with individuals in the New Energy community, on November 20, people started pouring in, wanting Peter Sumaruck to give them demonstrations of his technology - the tsunami began. You have heard of Warren Buffett's *Snowball*, Think of this as Pete's tsunami; it was big, quick and to the point. People flew in, drove in, up to Pete's garage - they wanted to see for themselves. That's how it is, seeing is believing. PESWiki contacted me, asking me to fill in the blanks on this site. What you see is part PES, and part Charlotte Wilson [www.worldviewopinion.com](http://www.worldviewopinion.com).

Several groups made him offers for his invention. One of those offers was presented by the PES people connected to interested parties with the financial backing. Mr. Sumaruck did not choose to go with Pure Energy Systems because after some gleaning of information, he came to believe that his invention would be suppressed, never to reach those factories, homes, communities, cars and trucks he so sorely believes should have it.

Now PESWiki is angry and vengeful - they didn't get the deal. They have begun a campaign to besmirch Mr. Sumaruck. They continue to insert denigrating material about him on this site and in another article. If the winning group believed enough in Pete's product then that is their business - buyer beware, and they are, and they are happy. PESWiki is not. How churlish and childish. They just can't stand to lose.

Does this sound like a book, or a future movie - yes, the aforementioned are works in progress. Stay tuned for continued reports. Will there be a denouement? We shall see.

### **Sterling's Resepose to Charlotte**

*On Dec. 2, 2008, [Sterling D. Allan](#), CEO of [PES Network, Inc.](#) and the [New Energy Congress](#) replied:*

After viewing the demonstration on Nov. 24, I was impressed; and the following day I did present a preliminary offer to Pete, contingent upon approval by [Jim Dunn](#), who required adequate proof before proceeding with such a contract. Jim also had been impressed, but did not feel that the demonstration as given was adequate.

Subsequently, upon receiving input from fellow New Energy Congress members, we came up with several points that cast serious doubt on the adequacy of Pete's demonstration as then constituted to show overunity. I published those points on Nov. 30, at [http://pesn.com/2008/11/30/9501504\\_ZeroAmpTech-demo/](http://pesn.com/2008/11/30/9501504_ZeroAmpTech-demo/)

So I think it is more accurate to say that we backed off, rather than the other way around.

Some notable observations include:

- Pete was measuring input current in parallel rather than series, so the full current was not going through the meter.
- The 6.5-HP genset lugged when the motors were turned on -- something it would not do if mere sub-milliamps were being pulled.
- 22-26-gauge telephone wire can handle as much as 10-20 amps of current before melting down, and it did fail at one point in the demo.
- Pete was saying the gauge of the telephone wire was 60-gauge. A photo that I took of the wire shows that it clearly was more in the range of standard telephone wire which is 24-gauge.
- The output reading could have been high for a number of reasons, including square wave form, which tends to give a false high reading; and can't be determined accurately without either a load test or an adequate oscilloscope.

Also noteworthy is that in a [video](#) Ken Rasmussen shot, Pete was saying his system is "100% efficient", "not 99.999". Pete doesn't seem to understand that if his system really is outputting more than what is input, then this would be far in excess of 100% efficient. That is early Junior High level math. [\[1\]](#)

In that same video, Pete is talking about how if he were to plug this set-up into his house, that because the city meter doesn't register "milliamps" of current, that the net current pull would be zero. [This is perhaps where he came up with the name of his technology: "Zero Amps".] In the video, Jim Dunn points out to him that even though the meter might not be detected registering milliamps of current at any given time, that it would integrate it over time, and would register over time. That point seemed to go over Pete's head (not to mention the fact that probably a lot more than just a few milliamps were passing through his wire, as exhibited by the lugging of the 6.5-HP generator when he powered up his motors.)

I'm not saying that Pete's lack of understanding about gauges, meter set-up, integration, and percentages disqualifies him as an inventor, for I certainly am aware that a person can be a savant at inventing while being oblivious to what laws of physics are being broken or complied with. However, it is important to realize that even though he touts himself as a "master electrician" he clearly lacks some foundational knowledge about electrical terminology and practice. I'm not an electrical engineer, but I have wired three houses from beginning to end, which is

much less than Pete says he has done in his professional career. There just seems to be a significant disconnect between what he says and what he exhibits.

That is relevant when considering his other claims that have not been verified -- about building and running a self-looping generator for the Army that produced net 36 kW. With his apparent lack of grasp of actual terminology usage and electrical function, what is the true story there?

Personally, I am still curious, and have not written off Pete's operation as being completely bogus, as some other NEC associates have. In my world view, it is entirely plausible that someone who appears to be clueless about the facts of science could actually come up with something that in fact defies known laws of physics. In fact, it is precisely such a person that is more likely to do so, than someone who "knows what he is doing." Pete doesn't know what he's doing, and that may be precisely why he stumbled onto something there at Ft. Hood.

Clearly I do not have the personality to interface with Pete, as he doesn't take well to honest skepticism. But I do wish the best to those who may be more able to pander to his innocent violation of the vernacular, practice, and rules of science.

Good luck, I say. And I mean it sincerely.

| Sterling D. Allan, CEO  
| New Energy Congress: <http://NewEnergyCongress.org>  
| (Pure Energy Systems) PES Network, Inc.: <http://PESWiki.com>  
|  
| Profile: <http://SterlingDAllan.com>  
| Daily news by email:  
| <http://www.freeenergynews.com/newsletters>  
|  
| Phone: +1-801-407-1292 (mountain time)  
| Fax: +1-801-880-8322  
| Eagle Mountain, Utah, USA

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Jim Dunn however, made it clear very early on that the AC "power factor" was a big oversight on the inventor's part and therefore the invention could not work as claimed:

----- Original Message -----

**From:** [Jim Dunn](#)  
**To:** '[Thomas Valone](#)'; [Gravitics1@aol.com](mailto:Gravitics1@aol.com)  
**Cc:** '[Sterling D. Allan](#)'  
**Sent:** Wednesday, December 10, 2008 9:59 AM  
**Subject:** RE: Fw: Sterling's Video; PES Sata with Pete

Tom – When we arrived we were told that a certain input current and output current had been recorded, which we assumed was accurate and validated.

When we asked to see the system operate later, we discovered that the input current was not being properly measured (or even measured at all!)

Yes – This reeks of fraud, since any electrician of any background knows that current is measured in series with the load, not across a short piece of the wire that is delivering the input current (unless it is a calibrated shunt).

When we asked to look at the signal on the output we were denied, and we were not allowed to impose any load on the motors.

This gentleman told some interesting and entertaining stories, but demonstrated very little knowledge of power and energy, including no knowledge of power factor, and how to measure electrical parameters, etc.

Need I say any more – Not even a good parlor trick.

JD

---

Integrity Research Institute was also posting emails relating to the correct measurement of AC power for months afterwards, trying to alert investors to avoid this pitfall and go on to some other investigation:

----- Original Message -----

**From:** [Thomas Valone](#)  
**To:** [Todd Hathaway](#) ; [Fred B Wood](#) ; [Joel Garbon](#) ; [Jeane Manning](#) ; [Sterling Allan](#) ; [Steve Kaplan](#) ; [Tom Bearden](#) ; [Alden Bryant](#) ; [Christy Frazier](#) ; [Leslie R. Pastor](#)  
**Cc:** [Jim Dunn](#) ; [Ted Loder](#) ; [Steven Greer](#) ; [Edward Villaume](#) ; [David J. Nagel](#) ; [Ray Sedwick](#) ; [Paul LaViolette](#) ; [George Hathaway](#) ; [Paul Murad](#) ; [Hamilton Smith](#) ; [Jacqueline & Thomas Valone](#) ; [Steve Elswick](#)  
**Sent:** Friday, April 03, 2009 2:31 AM  
**Subject:** AC Electricity "overunity" example appended

Hi Todd,

I forgot to mention something else regarding [Peter Sumaruck](#) and the AC electric power formula sheet from the Boylestad textbook (*Introductory Circuit Analysis*, Merrill Pub., Chapter 19) that is attached. Specifically, look at the **circuit diagram** EXAMPLE at the bottom that I will state is "clearly overunity".

The example on the lower left that I deliberately chose when I drew up this sheet twenty years ago is a great proof of what tricks you, me or Peter can play with AC power measurements. (Feel free to forward this to Peter)

Here is an example of a **100 VAC power supply** running a 100 Watt resistive load (at 1 amp), in series with a 200 Watt, 700 VAR (ind.) load that is in parallel with a 300 Watt, 1500 VAR (cap.) load.

Since the power factors are opposite for the inductive load (like a fan motor) versus the capacitive load (like maybe a storage parallel plate battery in series with the inverter?), we have to subtract

the reactive power wattage numbers for the loads to find the total reactive power (Qt) but the real surprise is in the table where **600 Watts of real power** and **1000 Watts of apparent power** (St in lower right corner) have been delivered!

To the unsuspecting investor with an unquestioning mind, it easily looks like I can "prove" to you that the **input power is only 100 Watts** with a small handheld meter that only measures real power. Then, I move to each load to amaze the audience with the numbers of watts output, all measured with the same small handheld meter that only measures real power. By the way, those 200 Watt and 300 Watt output measurements are real, very real!

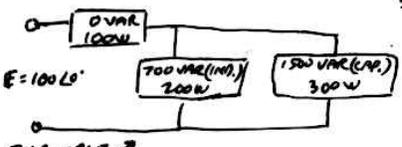
If the AERO (Orion) people want to sign a memorandum or investment contract with me as well after I build this circuit and demonstrate it, I'll be happy to.

Christy, Steve: you should probably publish this in your magazines as a "Letter to the Editor" as well.

Only the truth satisfies,

Tom

Thomas Valone, PhD, PE  
 Integrity Research Institute  
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 Beltsville MD 20705  
[www.IntegrityResearchInstitute.org](http://www.IntegrityResearchInstitute.org)  
 888-802-5243, 301-220-0440  
 800-295-7674, FAX: 301-513-5728

19 - RESISTIVE CIRCUIT: POWER DELIVERED  $P_R = VI - VI \cos 2\omega t$  WHICH I, V = EFF. VALUES  
 $P = IV = \frac{I_m V_m}{2}$  ENERGY DISSIPATED  $W_R = \int_0^{T_1} P_R dt = VI T_1$   $T_1 = \text{PERIOD OF } I, V \frac{1}{f}$   
 APPARENT POWER:  $S = IV$  (VA) VOLT-AMPERES  $S = I^2 Z = \frac{V^2}{Z}$   $T_1 = \frac{T}{2}$   
 AVERAGE POWER:  $P = VI \cos \theta$   $P = S \cos \theta$   $F_p = \cos \theta = \frac{P}{S}$   
 - INDUCTIVE CIRCUIT: POWER DELIVERED  $P_L = VI \sin 2\omega t$   $W_L = \frac{VI T_1}{\pi} = LI^2$   
 REACTIVE POWER:  $Q = VI \sin \theta$  (VAR) VOLT-AMP REACTIVE  $Q_L = IV = I^2 X_L = \frac{V^2}{X_L}$   $F_p = 0$   
 - CAPACITIVE CIRCUIT: POWER DELIVERED  $P_C = -VI \sin 2\omega t$   $Q_C = IV = I^2 X_C = \frac{V^2}{X_C}$   $F_p = 0$   
 POWER TRIANGLE:  $S^2 = P^2 + Q^2$   $S = VI$   $Q = VI \sin \theta$   $P = VI \cos \theta$  TREAT AS VECTORS  
  

LOAD	W	VAR	VA
1	100	0	100
2	200	700 (IND.)	$\sqrt{200^2 + 700^2} = 728$
3	300	1500 (CAP)	$\sqrt{300^2 + 1500^2} = 1530$
$P_T$	600	$Q_T = 800 \text{ (CAP)}$	$\sqrt{600^2 + 800^2} = 1000 = S_T$

 $F_p = \frac{P}{S} = 0.6$  leading (cap)  
 $\cos^{-1} 0.6 \rightarrow \theta$   $P_T$   $Q_T$

However by April, 2009 as the truth was beginning to come out, \$300,000 was lost in the process before the investors could stop themselves:

-----Original Message-----

**From:** Thomas Valone [mailto:iri@starpower.net]

**Sent:** Tuesday, April 14, 2009 6:53 PM

**To:** Jacqueline & Thomas Valone; Ivan Kruglak; Jeff Norris  
**Cc:** Edward Villaume; Bailey, Patrick; Steve Elswick; George Hathaway; Steve Kaplan; Paul LaViolette; Tom Bearden; Paul Lowrance; Tom Schum  
**Subject:** Fw: Todd's Sumaruck story - March 2009

----- Original Message -----

**From:** [Jim Dunn](#)  
**To:** [Thomas Valone](#)  
**Sent:** Monday, April 13, 2009 1:37 PM  
**Subject:** RE: Todd's Sumaruck story - March 2009

Tom – This appears to be a case where the Orion project (Steve Greer) got misled in their anxiety to have something to show their followers.

It seems that 'Pete' has taken the \$300,000 they gave him, and produced another meaningless demo, with little data or significance.

I spoke with Ted Loder, and he indicated that they are trying to find a way to recover their \$300K and terminate the contract with Pete for \$26M.

It is unfortunate to see scams like this, but I just returned from debunking a similar situation in S. Africa where a group of investors had invested over \$500K in a fraudulent mag. motor system, which we debunked in less than 4 hours.

Too bad that everyone is so anxious to find an O/U device that they fail to do their homework.

Jim

The Sumaruck exchange, including an X-rated email from the inventor criticizing me for using AC electricity jargon against him, was a trying experience for everyone involved.

Ever since 1980, when I first started pursuing “free energy” there have been imposters and believers who have not done their homework, making up about 98% of the claims for free energy. The AC electricity trap is a serious one that catches almost everyone. It is my sincere advice to everyone to completely avoid ANY inventor who claims to be producing 120 VAC since the measurements can be confusing and deceiving. That is why IRI has published the all-important ***IRI Report #119***, “**Engineering Non-Conventional AC Electrical Systems**” which includes the complete **AC Formula Sheet** that I produced while teaching AC electricity at Erie Community College as well as **George Hathaway’s** wonderful engineering explanation of the AC power measurement problems and solutions.

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## Brits and Christie Magnetic Adams Motor Review

Thomas Valone, Integrity Research Institute

Another example of an inventor team who has *pursued investors and media exposure* despite being proven to be underunity and conventional by at least a few engineers who have made the trip across the world is the team of Brits and Christie from their Lutec Company. In the 1990's when they first got a splash in the local Australian newspaper, the inventors described their invention as a reproduction of the Adams motor. This was the connection that I needed, because everyone knows the Adams motor never became self-sustaining or overunity. Below is a page that is a fairly good summary of the Adams motor and correct in its conclusions, in my opinion. (My comments are in Times Roman font.)

### Adams motor

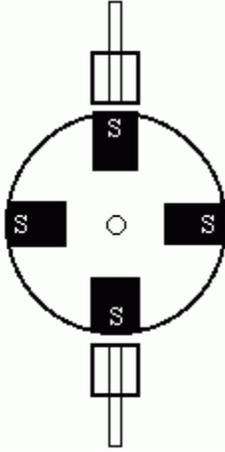
From Wikipedia, the free encyclopedia

The **Adams motor** is an example of a claimed [perpetual motion](#) or "over unity device" capable of producing more energy than is supplied to it. Such claims are generally viewed as [pseudoscience](#) by mainstream scientists. It is clear that functional electric motors can be built by following his design principles, but claims of greater than 100% efficiency are met with skepticism and rejection. At a 1994 meeting, several such motors were demonstrated, but according to supporters "none of the motors present were of sufficient engineering quality to manifest the elusive over-unity effect."

In 1969, Robert George Adams (of New Zealand 1920-2006) developed what became known as the "Adams Switched Reluctance Pulsed DC Permanent Magnet Motor Generator". (The terminology is idiosyncratic, because the design is not that of a traditional switched reluctance motor.) [Reluctance](#) is the measure of the opposition to magnetic flux, analogous to electric resistance. In the description of the motor's operation developed by [Harold Aspden](#) Ph.D, pulsing the stators electrically is said to switch the reluctance or opposition to the rotor magnets.

Working in collaboration with [Harold Aspden](#), theories about the [Aether](#) and the motor's alleged interaction with this medium were developed. Adams sought patents for his work (and has received a UK Patent, GB2282708, with Aspden Harold). Debates over the motor's power measurement still exist, with the thermal methodology originally employed open to question. Further claims made by Adams that [Ohm's law](#) is not valid for the apparatus, tend to further confuse output measurement.

Physically the basic Adams motor consists of a central rotor either all north out, or all south out. The [stators](#) are distinctive, for having a generator wind that fills them out from half the diameter of the magnet face, to the full diameter. Tim Harwood provided a simple to build version in 2001 that was widely replicated on the Internet, called the 'CD motor.' It features some of the exotic Adams optimisation variables advocated, such as high ohm coils. The apparatus is reported to manifest a cooling anomaly, to a certain extent corroborating at least some of the claims made by Robert Adams.



The basic CD motor configuration, with a berth for timing to the left of the leftmost "S". Grade 8 ceramic / ferrite magnets are fine. Rotor magnet faces should be 3/4" diameter. Magnets spaced for 20% pulse duty cycle. Individual stators should be 6-9 ohms. 24-26 awg wire is suggested. 12v input basic, then 18, 27, 36... Diode based path for back-emf to supply.

Adams claimed other inventors have plagiarised his work, and pointed out the technology lapsed into the public domain, making it non patentable. John Bedini and Lutec Pty of Australia are especially notable for having made similar and controversial claims.<sup>[1]</sup> Issues said to be hindering commercial development include the apparent requirement for mechanical switching to deliver optimal output. The pulse anomaly also reportedly works best on a smaller scale of 3/4 in (19 mm) diameter magnets, further hindering an effective scaling of net output.

A New Zealand experimenter named Andrew Thorp reports on his web page that he built and investigated a version of Adams motor. His conclusion was that the apparent over unity effect is illusory. He suggests this explanation:

"there is an unusual effect that occurs when lead-acid batteries are subjected to high-voltage spikes, such as the motor coils produce. Their open-circuit voltage rises to a level higher than normal, but the net energy content still diminishes over time as normal. The very small motors that Dr. Adams originally built were capable of masking the normal voltage decrease of the supply batteries and making them appear to hold their energy level. Large automotive batteries will run a small motor for several weeks, and the mechanical contactor switch will fail within this time giving the impression that the motor is going to keep running forever without draining the batteries."<sup>[2]</sup>

### *Evolution of the design*

According to Adams' autobiography, the evolution of the motor design includes these significant milestones:

- 1969 - Adams Switched Reluctance Motor Generator
- 1975 - Impulse method of charging batteries
- 1993 - New procedure to engineer magnetic polarity reversal
- 1995 - Super Power Four Pole Permanent Magnet
- 1996 - Mark 024 Thermo Switched Reluctance Motor

See also

- [Implosion \(mechanical process\)](#)
- [Peter Lindemann](#)
- [Vortex](#)

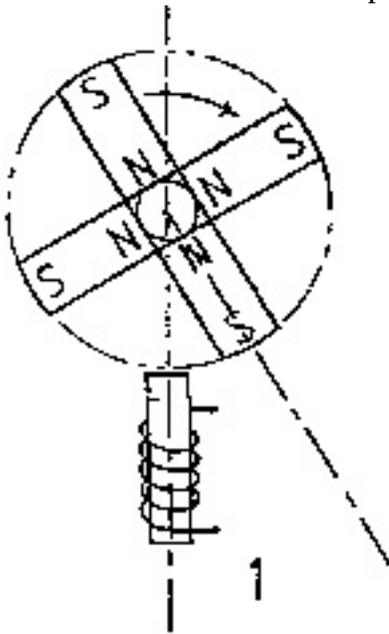
## References

1. [^ Beschizza, Rob \(2008-10-28\). "Lutec's perpetual motion calculations a "basic mistake" - Boing Boing Gadgets". Gadgets.boingboing.net. <http://gadgets.boingboing.net/2008/10/28/lutecs-perpetual-mot.html>. Retrieved 2010-01-28.](http://gadgets.boingboing.net/2008/10/28/lutecs-perpetual-mot.html)
2. [^ http://www.phact.org/e/z/adamsmotr.htm](http://www.phact.org/e/z/adamsmotr.htm)

## External links

- [Andrew Thorp's page about the "Adams motor"](#) "Wishful thinking [...] has led to the creation of yet another Internet legend."
- [Aethmogen Home Page](#), the website of [Robert Clark](#) in [Auckland](#), who promotes [zero cost energy](#), [zero-point energy](#), and the "Adams motor"
- [Harold Aspden](#), "[The Adams & Aspden Motor Patent](#)", *New Energy News*, V4, N8, pp. 1–7 (Dec 1996). Dr. [Harold Aspden](#) participation to Adams's motor.

My additional research turned up the diagrams from the Adams New Zealand patent which is similar to the diagram found above on the Wikipedia page.



The interesting part is the Brits and Christie patent, which one would think might be a “new and improved” model for some reason. However, it basically is the same concept reworked and packaged to sell to investors for millions, according to the latest YouTube video of theirs:

I was recently surprised to find a Brits and Christie video from **YouTube** being used on a money-making site selling a \$49 book on “Magnet4Power” and claims that we can build one of the Brits and Christie motors for only \$50 from hardware store parts! This starts to raise the hair on the back of my neck, since we know that it will cost a lot more for these parts and there cannot be any “savings” from a

motor that does not work without electrical input:

[http://www.youtube.com/watch?v=adfgMWQB\\_6o&feature=player\\_embedded](http://www.youtube.com/watch?v=adfgMWQB_6o&feature=player_embedded)



## Building Your Own Magnet Power System

Inside of the **Magnet4Power** manual you will get the step-by-step instructions that you can use to build your own magnet power system.

### **The cost of this project: as little as \$50**

All the parts can be found at your local hardware store.

The electricity you can generate from this PMG system can power up any appliance you have in your home including your computer, television, lights, washing machine - you name it.

And the best part is that you DON'T need any special skills in order to build something like this.

You will find out how magnet power works so you will know everything you need to know. We show you what to do along each and every step of the project.

And it's probably the best investment you can do today. You will save thousands of dollars a year with the magnet power generator, for the rest of your life!



<http://www.magnet4power.com/?hop=civilbiz>

However, it is difficult to conceive of a review method to censor such a website but informing the public is the least that Integrity Research Institute can do in order to help make people aware of the predatorial inventors who have deceived themselves.

The next page has a copy of the Brits and Christie patent cover. It is a 38-page PCT document that is strictly not a patent but only a document that sets a priority date for applying for international patents.

The main tenant is to pulse magnets with a switched reluctance mode and claim that there is no back emf (electromotive force) that will oppose the pulsed current put into the coil. However, from Faraday's Law, we know that such a claim is groundless. The Stoern company has been claiming to do the same thing for years without any product that works without a battery either (the subject of a future Energy Advancements and Confrontations review).

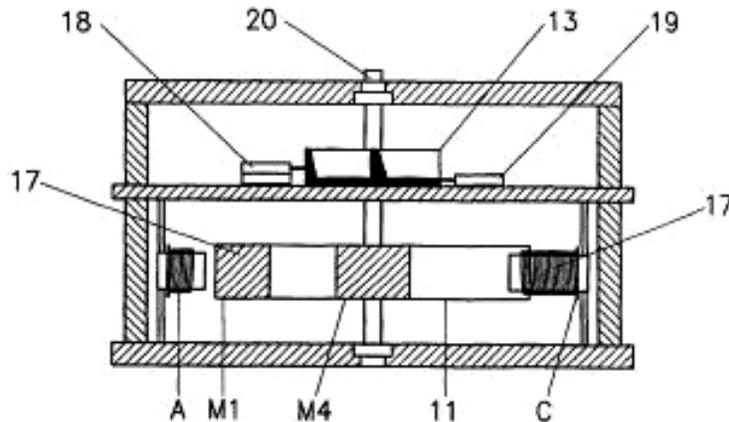
Note the date of the PCT document is 2000 and for the past ten years, no product has emerged from the Brits and Christie camp.



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

<p>(51) International Patent Classification<sup>6</sup> : <b>H02P 7/36, 5/28</b></p>	<p><b>A1</b></p>	<p>(11) International Publication Number: <b>WO 00/28656</b> (43) International Publication Date: 18 May 2000 (18.05.00)</p>
<p>(21) International Application Number: PCT/AU99/00962 (22) International Filing Date: 4 November 1999 (04.11.99) (30) Priority Data: PP 6961 6 November 1998 (06.11.98) AU (71)(72) Applicants and Inventors: BRITTS, Ludwig, Emma [AU/AU]; 3/13 Springfield Crescent, Whitfield, Cairns, QLD 4870 (AU). CHRISTIE, Victor, John [AU/AU]; 7/34 Springfield Crescent, Whitfield, Cairns, QLD 4870 (AU). (74) Agent: GRIFFITH HACK, G.P.O. Box 3125, Brisbane, QLD 4001 (AU).</p>	<p>(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SI, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).</p> <p><b>Published</b> With international search report.</p>	

(54) Title: A SYSTEM FOR CONTROLLING A ROTARY DEVICE



(57) Abstract

A system for controlling a rotatable device, the system comprising a controller and a rotary device, which has a stator and rotor, wherein the controller is connected to the rotary device to control rotation of the rotary device, and wherein the controller is adapted to periodically energise at least one energising coil of the device to create a magnetic field of a polarity which induces the rotor to rotate in a single direction and wherein the controller is switched off so as to de-energise the energising coil when other forces, being forces other than those resulting from the energised energising, coil produce a resultant force which induces rotation of the rotor in the single direction.

As an endnote, we have decided to include this “Energy Advancements and Confrontations” in each *Future Energy Annual* in the future as well. *Caveat Emptor!*

# MAGNETIC FIELDS FROM THE QUANTUM VACUUM

Thomas Valone, Integrity Research Institute

In August, 2008, I had the privilege of visiting a great zero point energy (ZPE) expert, Dr. Jordan Maclay in Wisconsin. Since it was our first meeting, we didn't plan to propose any collaboration, since he is officially retired from the University of Illinois. However, as we talked for hours and went to dinner, it became clear that we had a lot of physics in common. Furthermore, Dr. Thorsten Ludwig (COFE2 and COFE3 speaker) had interested me in a proposed project of proving that magnetic fields depend on the quantum vacuum of zero point energy for their power. He found that Dr. Hal Puthoff from the Institute for Advanced Studies in Austin TX also endorsed such an investigation and theoretically thought it was feasible. Hal has published other articles on inertial and gravity as "zero point energy effects" and is generally regarded as a ZPE expert. So after Jordan and I became good friends, the possibility of him joining the magnetism and ZPE project became even more likely. I have started the article with a bunch of historic citations and observations and now the paper is in Jordan's hands for the theoretical research. My hope for this project is that it will lay the groundwork for permanent magnet motors, also called "magnetostatic motors" which may offer motive power entirely from permanent magnets, such as the article in the Appendix of my *Zero Point Energy: The Fuel of the Future*, "Is Permanent Magnetism Connected with Zero Point Energy?" (p. 212).



Drs. Jordan Maclay and Tom Valone exchange quantum physics information in the country home of the Maclays in 2008.

# HOWARD JOHNSON'S MAGNETIC GATES

Thomas Valone, Integrity Research Institute

Another project that I became involved in at the IRI Lab in 2008 was the Magnetic Gates attributed to Howard Johnson. A year earlier, Jackie and I visited the Johnson home in Blacksburg VA not knowing that he had cancer and would pass away within the year. It was still a fruitful meeting and left me with all of the information I needed to try and reproduce some of his famous patented Magnetic Gates. (This is a preliminary narrative. A more complete technical article will be printed elsewhere in the near future.)



Meeting Howard Johnson at his home in 2007

This report contains a collection of pictures of the various configurations of magnets by which I attempted to test the contention by Howard Johnson that magnetic gates can produce a propulsive force. However, I was also aware of other articles to the contrary, such as the Paul Monus Report online that makes a strong argument that any type of magnetic gate can only balance energy and not supply a net energy output due to the potential energy profile that starts and

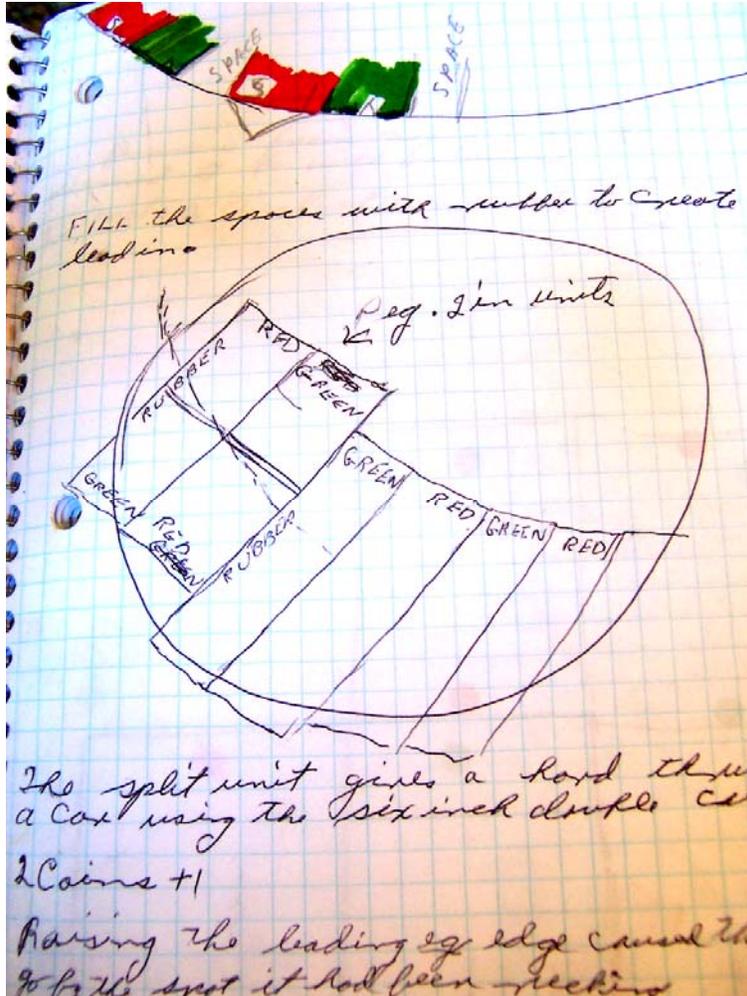


The HJ famous endless permanent magnet track

ends at zero. In the photo to the right, we see a toy train track that used a single train car filled with refrigerator magnets in a special configuration, propelled allegedly with magnet blocks on either side of the track. When I attended a **New Energy Conference** hosted by Hal Fox in Salt Lake City in the 1990's, a fellow came up to my exhibit booth and explained that he had visited Howard Johnson in his home that year and for the few hours he was there, the track above had a small train car going round and round! However, on the day my wife and I visited Johnson, he did not have the track set up for demonstration and explained that it took him a while to assemble the magnets properly. A wonderful book that Tom Bearden edited about Howard Johnson called *Discovering Magnetism: The*

Secret World of Magnets (available from [www.chenierye.org](http://www.chenierye.org)) contains explanations for the basic magnetic designs used by HJ for a unidirectional force to be created.

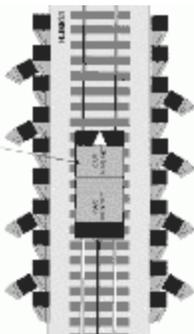
### The Howard Johnson Story



To the left is one of the few photos I was allowed to take of the HJ lab notebook. It shows the “lead-in” he claimed to create with the right combination of N-S arrangements of magnets, which he labeled “red” and “green” for each pole.

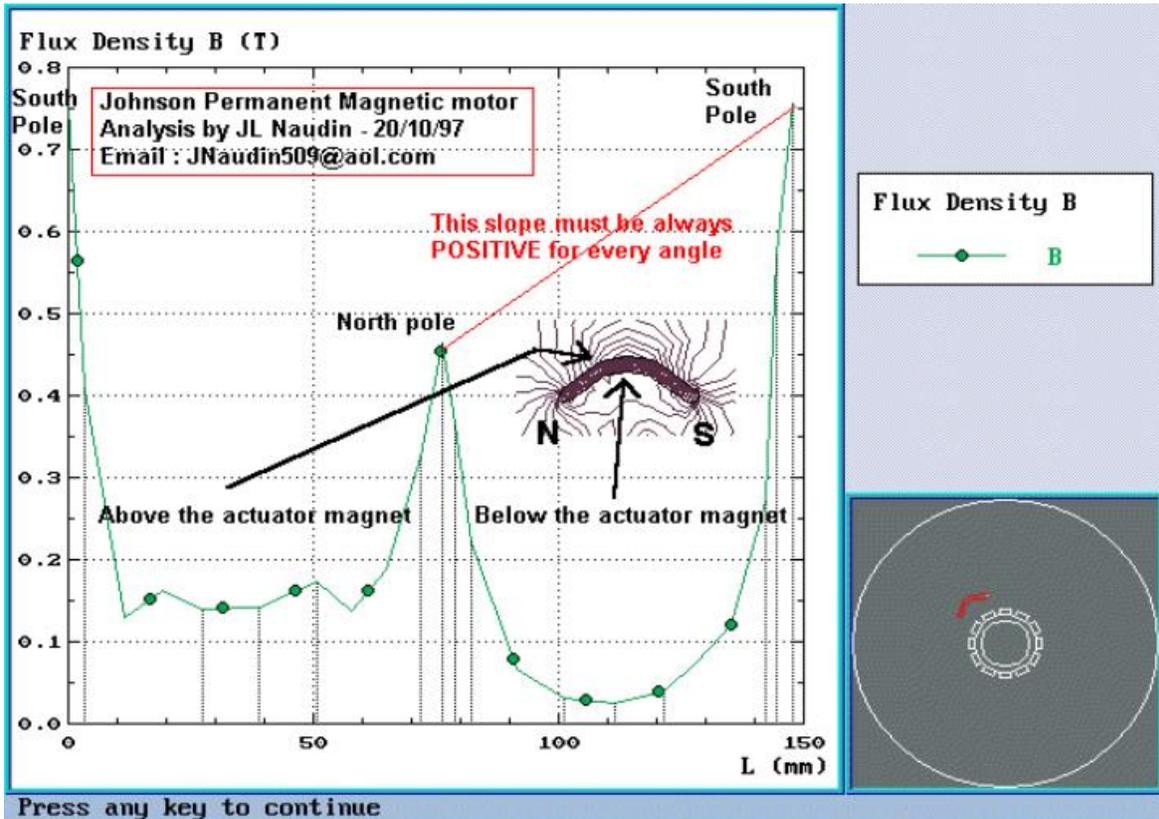
The problem we had while visiting with Johnson is that none of his famous archways (gates) or circular tracks were set up for demonstration, even though he knew we were coming specifically to talk with him about his inventions. It may be that since his health was ailing, this was the reason for his decline in preparation. One of the highlights of our discussion was reminiscing over the publication of the *Science and Mechanics* magazine (Spring, 1980) article with a cover story about Howard “Amazing

Motor Powered Only by Permanent Magnets” which also was covered in the *New York Times* (4/28/79, P.32). I reminded Howard that 30 years ago, I called him when these stories hit and he sent me the report “The Permanent Magnet Motor” by William Harrison and himself, which was presented at the Unitar Conference on long-term energy resources in 1979. He and I agreed that this report makes his best argument for the scientific basis for Howard’s arc magnets providing thrust, with integral calculus used to solve the problem (reprinted in “Report on the Howard Johnson Motor”, Report #203, [www.IntegrityResearchInstitute.org](http://www.IntegrityResearchInstitute.org) along with lots of supporting material, articles and patents).

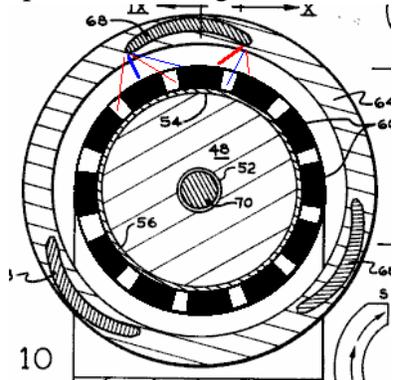


On this page is a diagram of an overhead image of a magnetic track with toy train tracks and car that carries a specially arranged magnet

assembly. I experimented with several designs and had high hopes of seeing the anticipated endless perpetual motion track with the arch design of the permanent magnet in the car. On the next page is a graphic of the arc magnet that Johnson is famous for along with Jean Louis Naudin's magnetic field flux density  $B$  (T) in mks units of Tesla (10,000 gauss). Naudin likes the design of a South pole being more intense than the North pole of the arc magnet.



Back in 1979, Johnson was (and still is) one of the few ever to bring a demonstration model into the U.S. Patent and Trademark Office Board of Appeals. The *New York Times* article cited above notes that the plastic model car on a track “linear motion appeared to be continuous” and so the patent #4,151,431 was granted, with the PTO holding that “permanent magnets constituted an energy source.” Of course, this declaration was



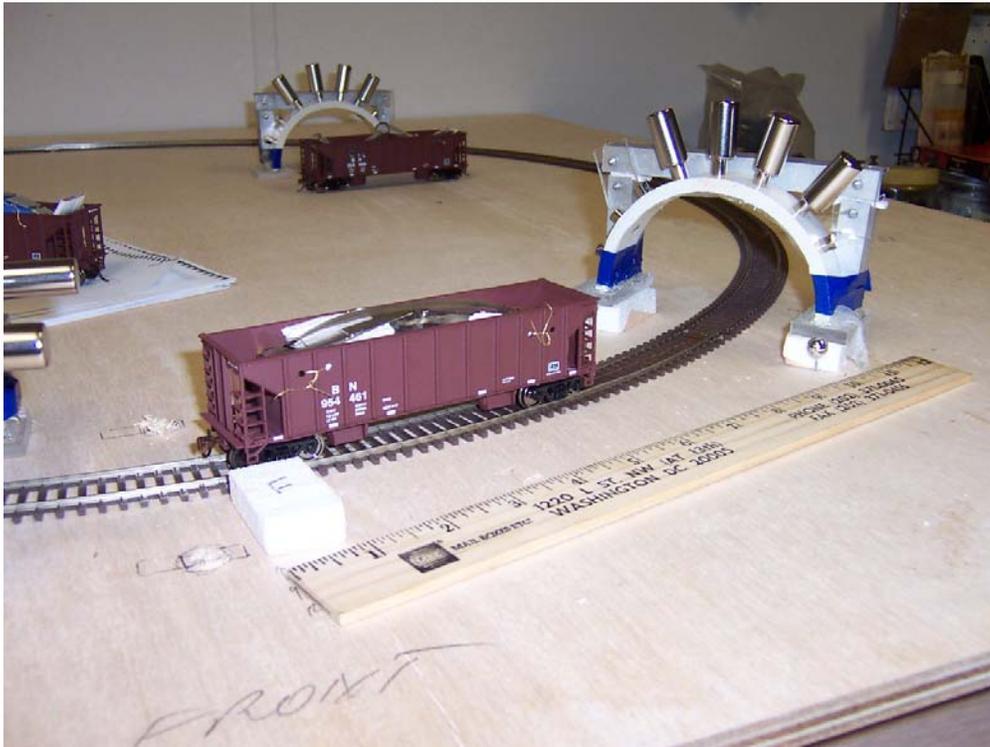
prophetic since a few decades later, I am personally involved in a joint journal article project to theoretically prove the magnet energy source premise that the PTO stated last century. It is important to note that patent #4,151,431 was issued for a rotary motor, as diagrammed on the right side of the Naudin image above and to the left, but never functioned to this day.

However, Howard Johnson turned out to be a Christian fundamentalist, as confirmed again when I visited him in person in 2007. It was unfortunate because, as Howard

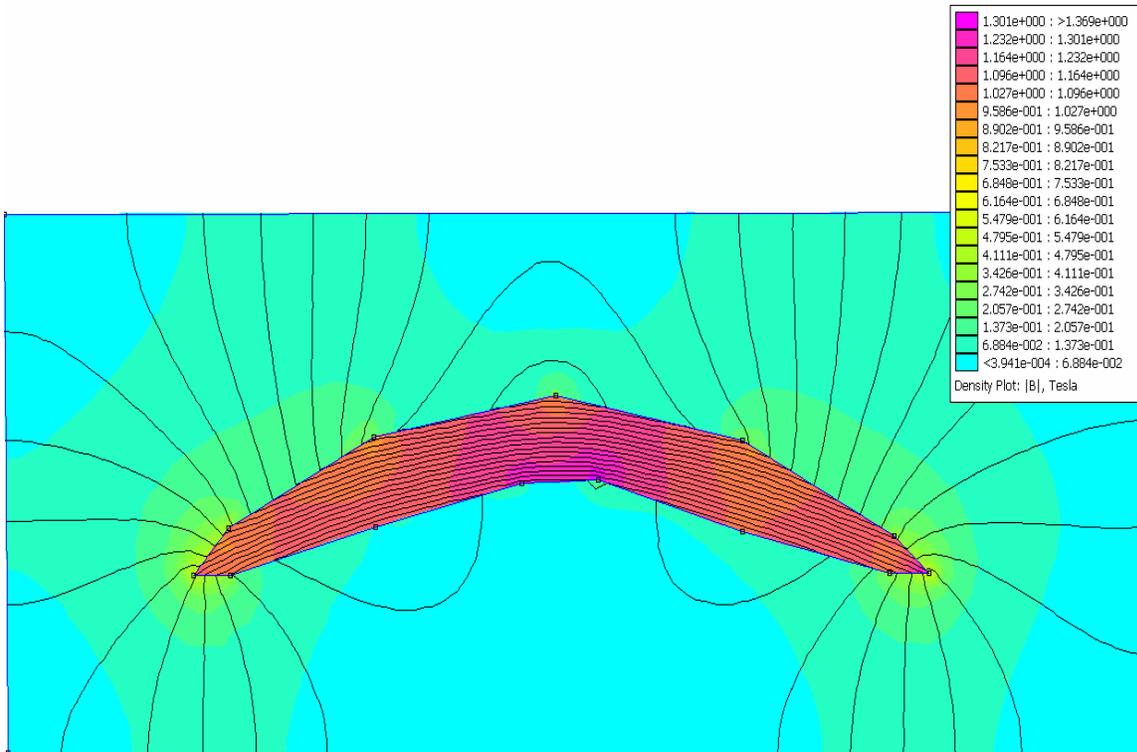
recalled the experience in 1980, many letters and phone calls came in after the media frenzy surrounding his patent issuance. They all wanted to do business with him and buy the rights to the patent but Howard was not set up for such a transition. His wife was and still is a school teacher and even through 2007, they were still living in a rental house. He told me that he was offered a million dollars for his invention from Saudi Arabian investors. My response was immediate, “Why didn’t you take it?” Johnson shocked me and my wife who was listening closely, “Because they were Muslims!” I hesitated as I recovered from the news and quietly asked, “And you would prefer to deal with Christians?” His eyes lit up and he shook his head in agreement as he said something about his particular Christian denomination but I wasn’t there to give Howard a lesson in universal morality as he was dying of a fatal disease. So at that point, we decided to take the Johnsons to dinner at their local favorite restaurant in the town and bid goodbye to what seemed a sad glimpse into the closing chapter of a famous inventor’s life, where none of his inventions ever made it to market *by his own choice* and perhaps to all of our detriment.

### **Magnetic Gate Experimental Sample**

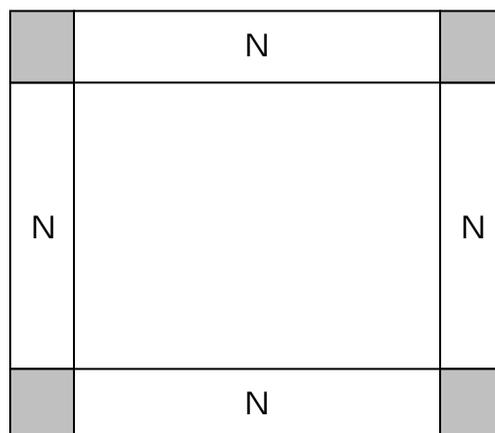
Rather than trying to tackle the motor problem, realizing that a rotary motor is just a linear motor wrapped around end-to-end, I decided to test the Johnson Magnetic Gates such as patent #4,877,983. I used magnets from [www.kjmagnets.com](http://www.kjmagnets.com) which are reasonably priced.



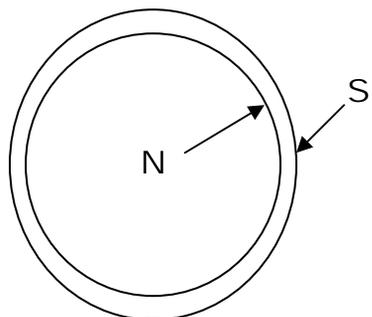
Circular toy train track used to test the reproductions of Howard Johnson’s arc magnet going through the magnetic gates.



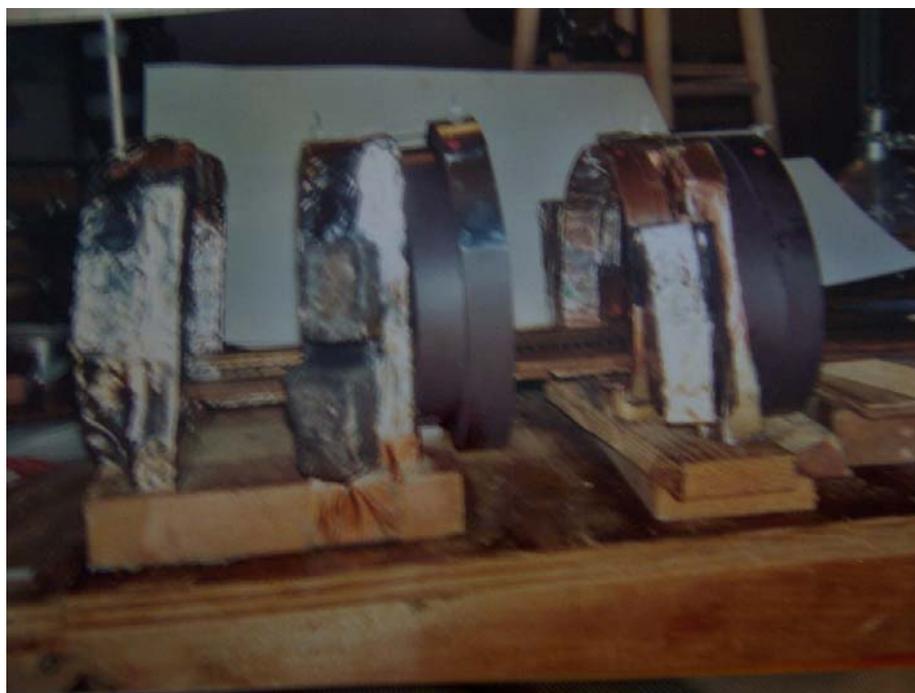
Above is an example of the HO train cars I used with an arc magnet nestled in the car and wired in place, made from individual neodymium magnets strung together with the N-pole leading on the right. The tracks are non-magnetic with rails that are  $\frac{3}{4}$ " apart. The arc magnet that I made from individual magnets connected together and bent in a vinyl tube is crudely fashioned after the pointed arc magnet that is analyzed in the IRI **“Report on the Howard Johnson Motor”**. Above is a FEMM software (finite element magnetic modeling free ware) graph of the ideal HJ arc magnet showing about a 1T magnetic field in the interior of the arc magnet with poles at each end. Outside the arc magnet, the magnetic field in air drops to about a third of a Tesla, as seen in the chart. In the ‘983 patent referenced above, Howard has a peculiar arrangement that he claims will force the arc magnet on a cart through a Magnetic Gate. In the *Discovering Magnetism* book, he describes it more in detail, with four ceramic magnets as below.



Then, in back of these low permeability bar magnets is arranged a large circular ring magnet of approximately the same diameter with the N-pole pointed inwards. This magnetic ring will tend to push the car away from the gate once it gets halfway through the gate.



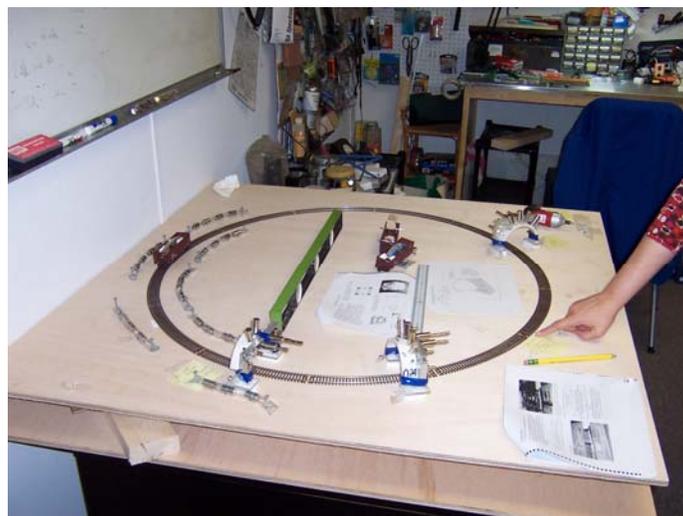
Of course, the tricky part was to create the ring magnet but K&J Magnets sells small arc magnets with the N-pole on the inside of the arc, which made it possible to assemble the ring from smaller parts. A crude attempt, with discrete magnets, is shown in the first photo starting this section. It only creates the top half of the gate, with the idea that the second half could be assembled underneath the wooden plywood platform, which I did to test the principle. It turns out, the car scoots right through the gate, with or without the bottom half in place, with a tendency in most cases, for the car to be attracted backwards toward the gate afterwards. Below is my best photo of Howard's actual gate, showing the same compromise of removing part of the bottom section, with the toy train track going through the center. Howard used aluminum foil to hold magnet parts together.



Howard claims in the book that “a north magnetic field attracts a north pole” but in actuality, the field shaping does not violate magnetic field theory. It just makes an interesting potential energy profile that attracts and then repels as the car goes through the gate, by creating perpendicular magnetic fields. For example, the four ceramic magnets arranged in a square seem to be presenting an N-pole toward the N-pole of the car. However, the center of those four magnets is really an S-pole that attracts the N-pole of the car’s arc magnet. As seen below, the backside of the gate has individual K&J arc magnets with N pointing inwards, glued to a vinyl white pipe segment, which in turn is glued to the cardboard square holding the three out of the four ceramic magnets on the other side with N pointing away from us.



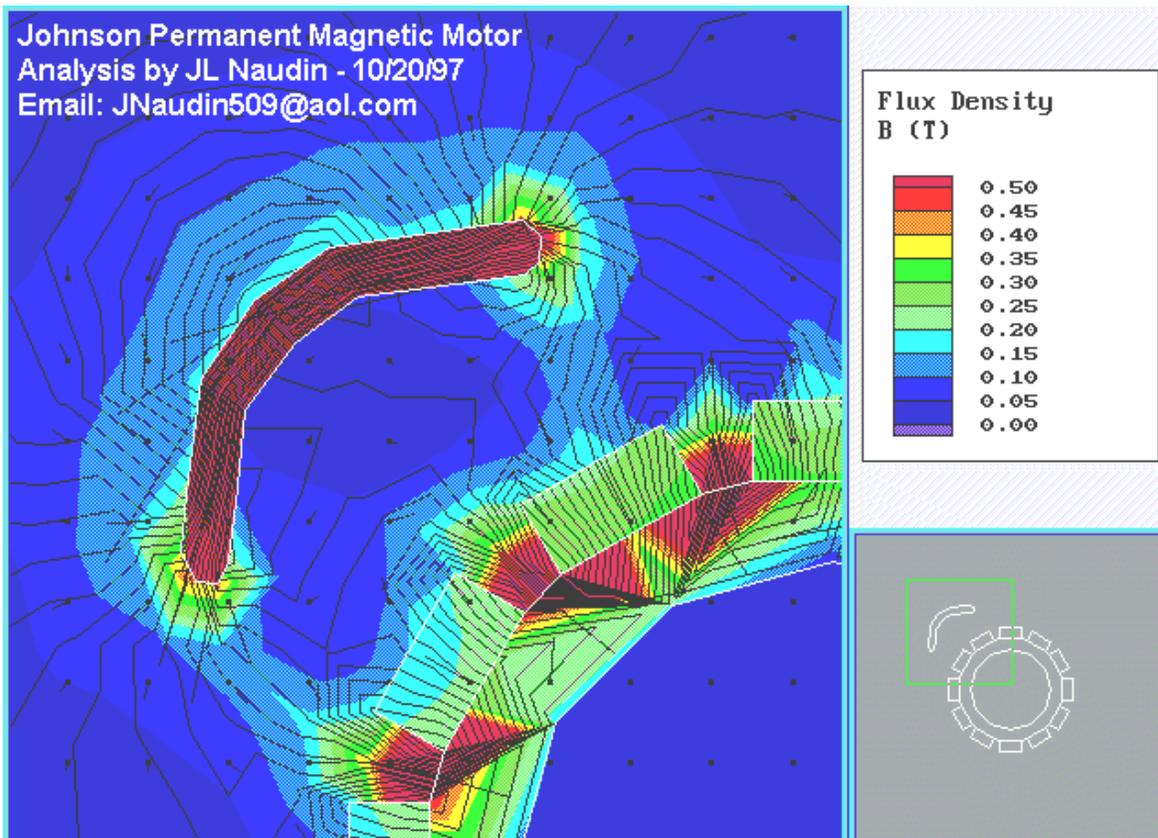
It turned out that covering most of the circle and square with the configuration was just as effective as trying to complete the circle and square. It also left room for the toy train track to fit in the bottom portion.



I also experimented with what Howard called “Jaws” and found it had a similar accelerating effect but also an attractive force on the car once the car exited. It was constructed from ceramic bar magnets assembled at a 45 degree angle in a line. I built special wooden zigzag boards to tape each bar magnet into place, which took a lot of force and strength of will.

Even with two perpendicular levels, to try to eliminate any gravity effect, I still had a small amount of tilt on the platform seen above, enough so that several gates could only push the car halfway around the track. After months of experimentation, I made one video that showed the exciting halfway round trip but still was convinced that not an ounce of extra energy was being supplied that I didn’t put in initially by starting at a purposely attractive and poised position, which accelerated the car through the first gate vigorously.

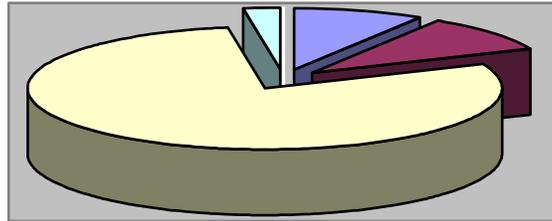
As people like Jean Louis Naudin and others continue to perform more analysis of the Johnson motor as below, interest in this mysterious invention will continue to grow. However, the motor design, being completely symmetrical, is doomed in my opinion without something different in its magnetic profile to break the symmetry in order to create a unidirectional (circumferential) force. Asymmetry and broken symmetry are keys to force gradients, even in the Tom Bearden writings on the subject.



# IRI FINANCIAL REPORT

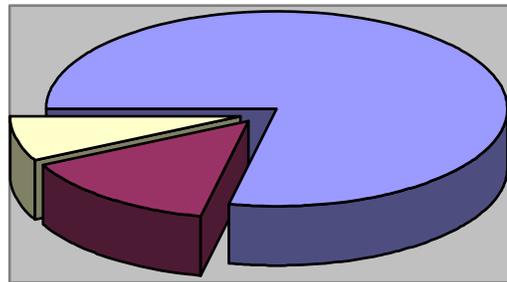
## 2008

### REVENUE



Donations:	\$ 3,000.00
Memberships:	\$ 3,200.00
Sales:	\$ 79,356.00
Investment Income:	\$ 824.00

### EXPENSES



Programs:	\$73,910.00
Administrative:	\$13,205.00
Members Communications And Fundraising:	\$ 7,105.00

### BALANCE SHEET

**Beginning of Year**

**End of Year**

	Beginning of Year	End of Year
<b>Cash, savings and investments</b>	\$51,264	\$ 42,895
<b>Other Assets</b>	\$15,537	\$ 21,034
<b>Total Assets</b>	\$66,801	\$ 63,929
<b>Total Liabilities</b>	\$ 560	\$ 560
<b>Net Assets or Fund Balances</b>	<b>\$66,241</b>	<b>\$ 63,369</b>

