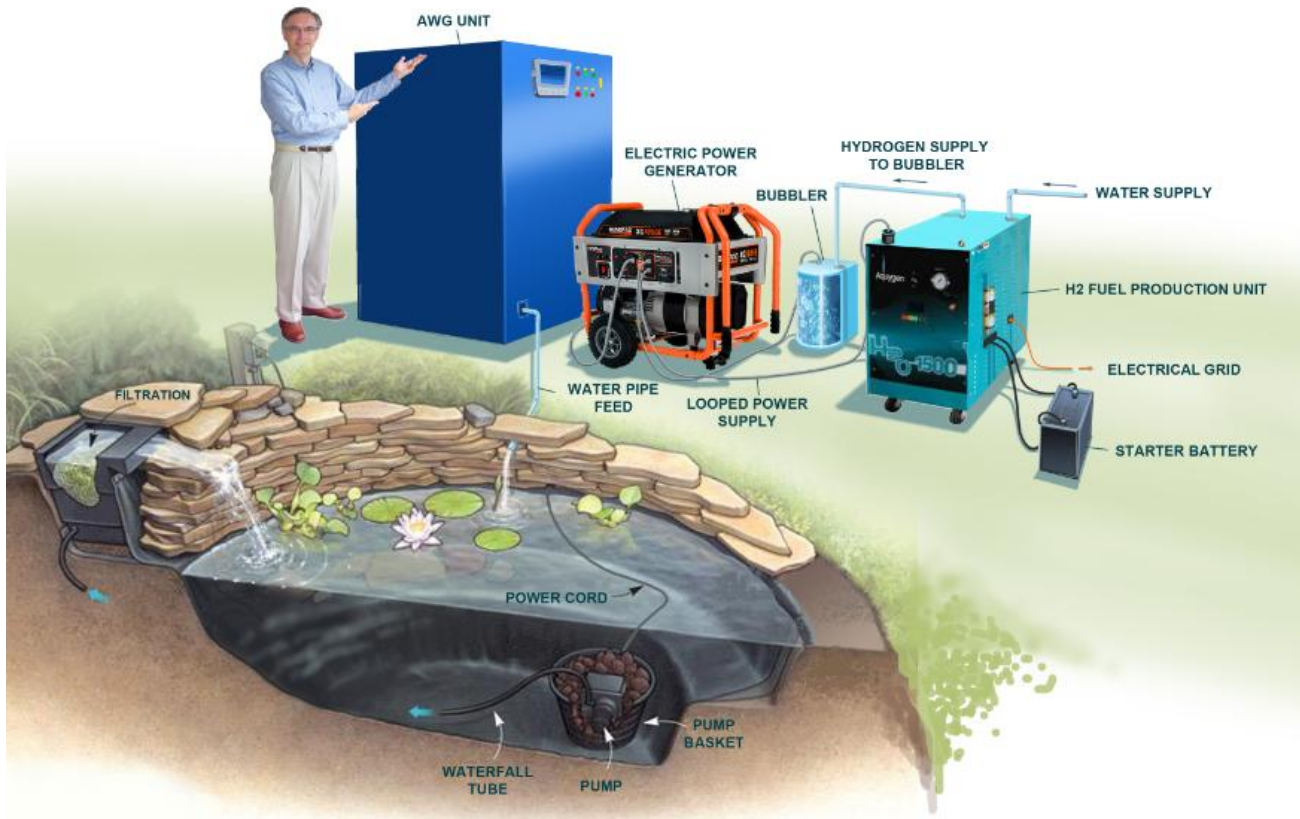


OASIS MACHINE

BUSINESS PLAN & TECHNOLOGY



Project Summary for Bingham Labs DBA OASIS TECHNOLOGIES

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SPECIAL PREVIEW

Kent Bingham interviewed with Sterling Allan - Published on Oct 31, 2014

This Week in Free Energy™ Disney Imagineer talks about his water and energy generation tech.

See https://www.youtube.com/watch?v=Xq_zPzUnDNY for interview. Kent's interview runs from 14:40 thru 49:16.

For Sterling Allan's feature article, see http://peswiki.com/index.php/Directory:Oasis_Machine and <http://freeenergynews.com/ThisWeekinFreeEnergy/2014/10/30/>

1. Mission and Vision Statement:

To establish a research laboratory that will produce advanced critical technologies for water, energy and transportation. These critical infrastructure technologies are starting a mega-shift in the ways we will live.

2. Describe Project Goals and Objectives

Project Goal: A research project will be developed over the next twelve months designed by Kent Bingham who will provide the R&D for an Atmospheric Water Generator with power generation based on splitting water into hydrogen and oxygen.

Our Objective: is to ride the wave of public opinion to provide a new source of energy to assist with global warming by reducing our dependence on fossil fuels. Global warming, carbon dioxide pollution, air quality concerns, all are factors driving the development of new energy systems.

Wind and solar are temporary patches that cannot compete with Tesla technologies, hydrogen based new fuels, and several other devices now under development. Of the several new free energy devices now being developed like Cold Fusion, QEG (quantum electromagnetic generator), MEG (motionless electromagnetic generator), we have selected the one device that can be most readily available to all of the people on earth as a source of water, electricity, and food. That device is an internal combustion engine running on HHO gas produced by splitting water on demand.

Our prototypes will demonstrate the following:

- Water can be produced from air, in unlimited amounts, and continuously.
- Internal combustion engines will run on HHO gas with minimum modification for timing, the same as they now run on natural gas, CNG, and propane.
- By a simple arrangement of off-the-shelf common components available from several manufacturers, the OASIS machine can achieve over unity operation (ie: produces more energy than it consumes).

3. The Business Model

OASIS TECHNOLOGIES (OT) will open source its research to stimulate this industry. We will select properly qualified existing companies and provide technical support to them as they assemble and test OASIS machines. OT will pay for the components. Upon successful completion of the prototype, we will follow one of two options:

1. The selected company will (with our blessings) decide to continue on its own without our participation, in which event OT will keep the prototype which we have paid for.
2. The selected company will form a new division within its existing business structure. We will negotiate a position within that new company for a 20 to 40 percent ownership. We will then participate in sales and product development as the selected company expands to meet production needs.

This company will be similar to the automotive industry where no one company owns the IP, competition is welcomed, and the best product in terms of quality, affordability, and usefulness will make the most sales. Our model is to start small and grow thru collaboration with other companies in the field.

All of the technologies that we are using have been known for over 100 years, but by a carefully orchestrated program by those opposed to new energy systems, most of these technologies have been falsely misdirected so that the public is held in ignorance of the true potential of hydrogen and water as the free energy source of the future.

4. Background of the Company as Developer:

What qualifies our team to build the OASIS machine? - I have spent more than 40 years in designing and building prototypical one-of-a-kind devices for entertainment and transportation systems. I personally worked for Disney Imagineering as Structural Engineer in charge of the EPCOT project. After Disney, we were responsible for the safe and reliable development of Earthquake and King Kong at Universal Hollywood. We did similar work in Las Vegas on the Treasure Island Pirate Ship Show, the Bellagio “O” Show, Mardi Gras in the Sky at the Rio, and the Las Vegas Monorail, to name a few. All of these projects worked very well on opening day, and for many years after. Earthquake in Hollywood is still running 27 years after opening.

We are presently using water splitting to create hydrogen in a manufacturing company to fuel Trolleys. I founded the company and up until April 2015 was the principal stockholder. I sold a portion of my stock to create a fund with which to build OASIS machines. See www.tig-m.com.

5. Product Description (Technology)

The first of our prototypes will be an Atmospheric Water Generator (AWG). This is a new technology that pulls water vapor out of the air and collects it as stored water. Only 1/7 of the water vapor that circles the earth is estimated to fall as rain accounting for all rain, water rights, rivers, aquifers and lakes. Water vapor closest to earth is available to be collected via new AWG technology. Think what this could do for humanity.

Our intended use is to open up vast tracts of arid land for farming that is now not being used due to lack of water. This unit will run continuously, for months and years without mechanical malfunction, and with minimum or no maintenance. It can be scaled to produce from 1,000 to 100,000 gallons or more of water per day. Our production units can also generate their own electricity for off grid locations. Excess water will flow into ponds and reservoirs where fish and other native life forms will be nourished by this water.

The key to our technology

- **Our success** was guaranteed when we found ways to connect off-the-shelf components of proven reliability to create our OASIS machines.
- **Our success** was guaranteed when we chose a technology based on Hydrogen as a fuel to drive our machines.
- **Our success** was guaranteed when we chose a device that has been demonstrated time and again to work, that was so successful that it became the main target of the oil industry to prevent its ever seeing the light of day. That machine is an internal combustion engine running on hydrogen.

There are many ways to use hydrogen as fuel.

- You can use HHO gas down the carburetor.
- You can use special spark plugs that burn H₂O in an electric arc, and you can use a combination of these methods.
- You can use all manner of methods to split water including catalysts, electrolysis, resonant frequencies of the water molecule as demonstrated by Keely and Stanley Meyer, Ed Grimm, Denny Klein, Bob Boyce, John Kanzius, and many others. Witness the progress made recently at MIT and Stanford.
- Our approach is to build the best of these systems, arrive at the best methods, and finalize our products based on our findings.

In fact, an emerging industry of many companies is concentrating on devices generating more energy than consumed. This **over-unity** method is the key to our technology.

Set Up alliances with other companies that can collaborate

As we move forward with announcing our intentions thru various media events, we are finding many individuals and groups who have been working with HHO gas, hydrogen in other forms, and those who have successfully been able to operate over-unity devices like cars running on water, and devices that demonstrate “free energy”.

These people are willing to collaborate with us, and lend us their experience. This seems to be a shifting of consciousness toward freeing ourselves from the use of fossils fuels. We are also contacting companies that we have worked with in the past on entertainment projects, as they are immanently well qualified to build our OASIS machines.

6. The Market Potential:

- **Size of the market:** Energy markets are measured in the trillions and constantly absorb innovation
- **Job Creation:** It is far too early to estimate this number, but every \$1 Billion in sales is 20,000 jobs.
- **Competition:** There are dozens of companies working in the “energy gain field” and hundreds of companies working on hydrogen energy. They have associations and regular conferences. We are in the early years of a mega-shift in our energy infrastructure and it will attract thousands of companies.
- **Strategy:** Get our share of this industry by building a reputation for research and development.
- **Market uses:** *
 - farming *
 - drought reduction for cities *
 - residential *
 - disaster relief *
 - resorts *
 - new construction *
 - electric power and water in remote areas

7. Describing the oasis configuration features

The OASIS MACHINE is a very simple device built by assembling the 5 off-the-shelf components shown in the sketch to the right:

1. A STARTER BATTERY
2. H₂ FUEL PRODUCTION UNIT
3. BUBBLER or back-flash preventer
4. ELECTRIC POWER GENERATOR
5. AWG UNIT

Specification's for the Mock Up

Here is a definition of all of the components needed to build a prototype device that will produce water from air at a nominal low cost. Our ultimate objective is to build a machine that will run continuously with no need to pay for energy or fuel. Currently the cost of operating an AWG is holding back the technology. The "Proof-of-Concept model is to demonstrate that costs can be lowered by producing cheaper electricity to operate it. This initial device will produce 300 liters per day. The selected components will work, but we may need to change manufacturers before we put everything together. This is not a problem, because all of the main components have several alternative vendors. See [Specifications Illustrated](#)



The main components are as follows:

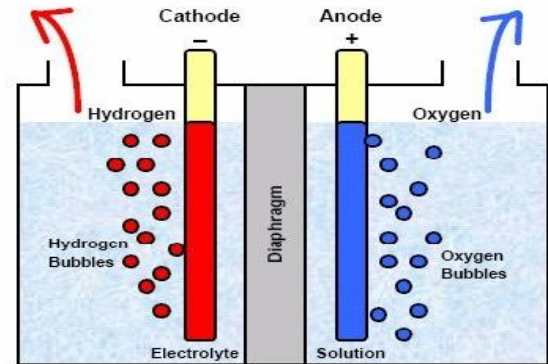
1. **THE STARTER BATTERY** is a common lead-acid battery such as you would find in a typical automobile.
2. **THE FUEL PRODUCTION UNIT** will take in water and produce a gaseous fuel in the form of HHO gas or H₂ gas. The favorite is the "HYDROGEN REACTOR" which produces H₂ gas. See www.solarhydrogentrends.com Alternatives are HHO gas production units from several vendors.
3. **THE BUBBLER** is a simple back-flash preventer.
4. **THE ELECTRIC POWER GENERATOR** will run on a gaseous fuel. It is readily available from GENERAC and is designed to run on natural gas. Alternatives are generators produced by Onan, Honda, Briggs and Stratton, Predator, and many others.
5. **THE AWG UNIT** is powered by item 4 above, and condenses water from the atmosphere, and processes it into potable water. The water from the atmosphere is unlimited and is identical to rain. This unit is a Rankine Cycle refrigeration unit which produces both heat and cold. It can cool a building in summer and heat it in winter. It comes by many names, all of which are based on the Rankine cycle:
 - o Heat pump
 - o Air conditioner
 - o Dehumidifier

DETAILS ON THE FUEL PRODUCTION UNIT

The unsolved problem until now

Electrolysis is centuries-old. It was discovered more than 200 years ago by a surgeon named Anthony Carlisle and a scientist named William Nicholson. Electrolysis is the process of using electricity to "slice" water molecules, separating hydrogen and oxygen. .

There has been a great deal of research during the past 10 years to improve the rate of production of HHO gas, and to reduce the energy needed per cubic foot of gas. We have done extensive research into this topic and intend to use the best available technology for this unit.



Standard Electrolysis

We recently were made aware of a new invention that produces hydrogen gas at a remarkable rate, with high efficiency, and results in extremely high COP (energy out divided by energy in) when burned. The device is a HYDROGEN REACTOR. See the website at www.solarhydrogentrends.com for further information. We can use either HHO gas or hydrogen gas in the OASIS machine.

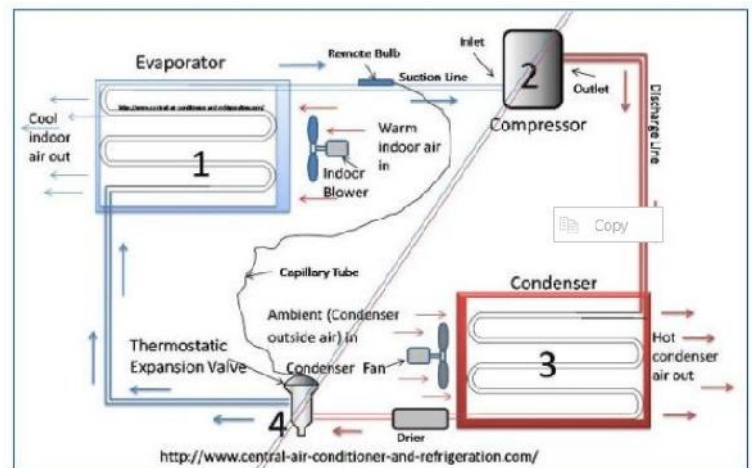
DETAILS on THE ATMOSPHERIC WATER GENERATION (AWG) UNIT

The device shown on the right is a typical refrigeration unit as used in air conditioners, dehumidifiers, refrigerators, freezers, and in our OASIS machine.

A. Atmospheric water is condensed out of the air by a cold surface that is colder than the dew point temperature.

B. Filters, fans, cold coils, and condensate collection pan.

C. Agricultural water does not require processing. It flows directly from the condensate collection pan into ponds and reservoirs.



SPECIAL FEATURES

- Potable water is filtered and treated with UV light.
- Hot and cold water is produced for cooking, drinking, washing, etc.
- The refrigeration cycle produces both hot and cold air.
- Cooling coils are used for condensing water from the atmosphere.
- Heating coils are used for heating homes, greenhouses, barns, etc.

8. Over Unity Features of the OASIS Machine

LOOPING

THE KEY TO REDUCING ENERGY COSTS FOR WATER PRODUCTION IS LOOPING

We believe that the use of an “Over Unity” (produces more energy than it consumes) fuel to power the OASIS machine will permit us to create a looped, auto-running machine that some would say is not possible. They base their opinion on the belief that we are proposing a perpetual motion machine, which they say violates our present laws of physics. We are indeed creating a “free energy” machine, and you have been lied to relative to “Laws of Physics.”

HERE'S HOW LOOPING WORKS

Instead of plugging the H2 FUEL PRODUCTION UNIT (FPU) into the wall, we instead plug it into the GENERAC power generator. Yes, I know that sound crazy, but read on.

The FPU needs a battery, the same as an automobile, to get started. You turn it on using battery power, the HHO or H2 gas begins to bubble out of the water, and gas pressure begins to build up to about 20 psi. When the pressure is at that level, you turn on the GENERAC, which will start up about as fast as your car starts. The GENERAC now has electricity coming out of its POWER CONDITIONER and the AWG unit starts up.

Here is where the magic starts. With the OASIS machine, it takes roughly 1 kW of energy to produce the HHO fuel by electrolysis (aka “Water Splitting”). When you burn this HHO fuel in the ELECTRIC POWER GENERATOR, it produces 8 kW of electric power. The LOOPED POWER SUPPLY cord takes 1 kW of electric power back to the H2 FUEL PRODUCTION UNIT, leaving 7 Kw of power to be supplied to other devices. We can provide videos of this process, and refer you to websites where this can be demonstrated.

The 8 kW output of the GENERAC has more than enough power to keep the FPU running, because that FPU unit only needs less than 1 kW to operate, leaving 7 kW to operate the AWG units. The battery stops powering the FPU as soon as the GENERAC starts putting out power. This is just the same as your car, where the battery stops providing power as soon as the engine starts running.

Do we suggest that we can produce a perpetual motion machine? No, not at all, however based on what the OASIS machine can do, it does on the surface appear to be perpetual motion. The answer is that we have rediscovered a phenomena that has been well known for over 100 years, ever since people started working with hydrogen. Of the several ways to burn H2, you always get more energy back than you

put into the burn process. This has been very clearly demonstrated with Cold Fusion. CF has survived the vigorous attempts to discredit it. However, it does work.

Not convinced yet? Well, I don't blame you. You would have a lot of trouble finding any information about this OU (Over Unity) business on the internet. However, Sterling Allan did put some info about it on his website at http://pesn.com/2010/07/13/9501671_Hydroxy_Generators_and_OU_Replications/

When hydrogen is burned, you always get more energy out than the energy needed to produce the hydrogen fuel. You will not be able to get verification of this statement from the internet. There are a few verifications of this regarding cold fusion, and a new group featured at <http://www.solarhydrogentrends.com/#works>

Because of this energy boost that hydrogen fuel provides, you can take the power cord that you used to initially power the hydrogen production unit, and loop it so that you plug it into the electric power generator. Sounds crazy doesn't it, but I know it works. You can get more info from the following.

LOOPING DEMONSTRATION

THE POWER OF HHO SELF-RUNNING FREE ENERGY SYSTEM RUNNING A 400 WATTS LOAD See https://www.youtube.com/watch?v=cMlciNOyo_U

This video is about a shop cart that is carrying the following components:

1. A GENSET, which performs the same function as our GENERAC.
2. An HHO gas production unit, also called a water splitter.
3. A large blue rheostat to control HHO gas production rate.
4. A bubbler to prevent back flash.
5. Power cords to connect the GENSET to the water splitter.
6. A starter battery. Not used for that purpose, as the GENSET is started with a pull rope and another HHO gas unit is used for startup and then disconnected.

The significant features of this video are as follows:

1. The cart is continually moving to demonstrate that it is an isolated, closed system with no external power cords.
2. A bright light provides load to the system. (It burns out about half way thru the video).
3. This demo shows that an ICE will run on HHO, and the system can be looped. Have you any idea what the implications of this looping effect are? Think about it, and smile! 100% 'LOOPED' HYDROXY GENSET

Sales- It is way too early to project sales from what we know today. However, continuing severe drought conditions in California, Sao Paulo, and other areas has created an unparalleled market place, where no matter how fast we can produce these devices; the demand will far exceed the supply for many years to come.

Competition could become our ally by focusing on research and feeding them our R&D as it grows. By cooperation with others involved in the transition into the hydrogen based energy systems of the future, there is no competition. We are all allies working toward the common good.

9. Additional Research by OASIS TECHNOLOGIES

OASIS TECHNOLOGIES will not stop with the 10 times energy gain.

www.solarhydrogentrends.com has announced over 1000 times energy gain with their hydrogen reactor. We will add their device to our components list as soon as it is available. We intend to build and test many of these alternative systems.

However the device that we present in this paper will function just as shown here, and can be easily scaled up for greater power and water production

There are several other ways to create “free energy”, but we have selected the internal combustion engine as the most commonly available machine for converting water into free energy. Furthermore, it is best understood by people everywhere. We intend to teach people everywhere how to produce their own energy, water, and food, and forever eliminate the curse of drought.

10. Future Research

In our continuing efforts to produce a better OASIS machine, we will be doing research into the following:

- Cold fusion
- QEG machines
- MEG machines
- Hydrogen Reactors by Keshe Foundation
<http://www.keshfoundation.org/applications/energy/energy-technology/77-energy-technology-en.html>
- Oasis machines by Keshe foundation <http://www.keshfoundation.org/pdfs/water.pdf>
- Many other devices such as the units produced by Mark Shirk, and the hundreds of devices reported by Gary Vesperman.

11. Alliances with other companies

You would have a lot of trouble finding any information about this Over Unity (Producing more than it consumes) business on the internet. Here are some of my collaborators:

Sterling Allan

http://pesn.com/2010/07/13/9501671_Hydroxy_Generators_and_OU_Replications/

A new group is working on a hydrogen reactor at

<http://www.solarhydrogentrends.com/#works>.

We are presently in discussions with several potential design/build contractors who are especially well qualified to work with us in the development of the OASIS machine prototypes.