



QUANTUM RESONANCE TECHNOLOGY

Melbourne Project Technologies and their Implementations

The 'Melbourne Project', named because of the initial location of our R and D in Australia, began with the help of visionary support from Roger Green and a few other key players, when we realized the energy implications of Dan Winter's new discoveries.

We are utilizing a unique team of tech savvy individuals, each having valuable skill sets to contribute to the overall success. They have already proven to catalyze with each other to generate ideas for new cutting edge technologies that benefit society and bring solutions to many areas of industry. We lead the field in 'quantum resonance frequencies' and have on board an A team of researchers and inventors.

We are seeking seed capital to advance our unique R and D projects

The core technologies are:

- 1) A Self Regenerating Magnetic Battery
- 2) Superconductive, or Accelerated Battery Charging
- 3) The Endure "Electret" Battery, also self regenerating
- 4) The Super Transformer
- 5) Water Purification and Desalination
- 6) Crop Fertilization without toxic fertilizers – The AURA Tower
- 7) Accelerated Healing Systems and Natural Pain Relief
- 8) Bio-Active Systems
- 9) Enhanced Electrolysis
- 10) Super Capacitor using Hydro Gel and Hydro Sil

The actual projects branch out much like a tree, and in some cases there are crossovers between technologies, from a core trunk of Intellectual Property.

Let's have a quick peek at what these can do and the benefit to society:

The Self-Regenerating Magnetic Battery

There are two orders of magnetization: The first merely lines up all the atoms in a material, and produces a magnetic field, which can be utilized as a common permanent magnet. The second order of magnetization gets all the orbitals in phase, producing a standing electromagnetic wave around the periphery of the battery. Essentially, the magnet will sit there and radiate this frequency on a continuous basis, unless there is a failure with the phase lock of the electron orbitals of the magnet. The amplitude should prove to be significant in the initial prototype, and is subject to optimization. As the process is improved, several orders of magnitude improvement is foreseen.

Technical Description and Applications

The magnet would be surrounded by antenna-like structures to collect the RF, which is generated through the standing wave produced through the action of the electron orbitals. These antennas are then connected to a rectifier array to change the high frequency AC in the gigahertz range into DC suitable for powering electronic circuits. The technology is robust, and solid-state. The anticipated failure rate is projected as being extremely low as the parts can be "potted" into a high impact resin to resist shock. Power supplies from just a few degrees Kelvin to the Curie point of the magnet (which under the proprietary process is close to the melting point of the material) are foreseen. This has applications for mining, deep sea probes as well as space, and anywhere a rugged power supply is needed. Capital cost for processing is slightly more than current magnets, in the range an increase of 20-30 percent.

This technology is expected to penetrate niche markets of solid-state power supplies, the extent of which is a multi-billion dollar industry.

Superconductive or Accelerated Battery Charging

In this technology, twin bidirectional wave sets are run through the battery to change the rate of charging, accelerating the delta T, and allowing charging to occur at a substantially increased rate. Thus, internally the battery never sees an increase in the current draw. Externally, the observer sees an increase in many magnitudes over the normal current draw, without an increase in heat production. This is due to the discrepancy between deltas inside and outside the applied field, and the associated time differentials.

Applications

This technology can be applied to any rechargeable battery. Smaller rechargeable will complete their cycle within minutes instead of hours, and larger batteries for bulk storage such as electric vehicles, fork lifts, and solar associated storage will take a bit longer. In the case of electric vehicles, the minimum charge time would probably be in the range of 5 minutes, limited by input amperage, as bus bars in the ratings of hundreds of amperes would run underneath the vehicle charge station.

Charging in the negative time domain will be addressed at a later time, although it is associated with this technology, technical issues relegated to R&D need to be addressed. However, this technology will charge "throwaway" batteries, allowing them to be reused over as much as normal rechargeable. This is considered the growth path of this technology.

Superconductive Battery (Pulsed re-charging) technology overview

It is a very serious offence to dispose of any batteries other than by the environmentally correct way, in most westernized countries.

For example, since Switzerland and its Alps are one of the main suppliers of fresh water to Europe, any one contravening this law was subject to a minimum fine of one thousand Swiss francs if convicted of unlawful disposal of alkaline batteries. We can only imagine what jail sentence there is for the illegal disposal of NiCd, NiMH, Lithium or lead acid batteries.

The above law is about to be legislated in the U.S.A, due to sixty percent of American fresh water is exhibiting traces of cadmium and we are quite confident that this will follow suit in Australia and New Zealand.

Such legislation will be costly to enforce so there will be an extra fee applied to the purchase price of all batteries and the non-re-chargeable batteries will have the highest disposal fee of all. The object of this is to influence people into purchasing re-chargeable batteries, which over a period of say one hundred re-charges would have been one hundred batteries dumped. As any one can see there is an enormous saving in all aspects including the environment, there also is a prelude here for the introduction of environmental friendly re-chargeable alkaline batteries.

So what is going to take their place? It's going to be high performance alkaline re-chargeable batteries. Companies will spend millions of dollars to develop re-chargeable alkaline batteries.

Quantum Resonance Technologies (QRT) re-chargeable alkaline battery technology represents a new alternative for designers of portable battery operated equipment. Serious consideration for the utilization of this technology must be considered, due to future environmental impact.

NiCd batteries contain cadmium and require special handling for disposal or recycling, NiMH batteries are perhaps less objectionable environmental than the NiCd batteries, but may still be subject to universal environmental regulation some

time in the future. Lithium-Ion technology is the newest of all the battery technologies and provides significant performance advantages, particularly in terms of its lightweight ratio to its high energy density, and good charge-retention characteristics compared to NiCd and NiMH technology. Because lithium is a highly dangerous substance with no plans to eliminate it, is in the future agenda, this is undoubtedly due to the fact that there is absolutely nothing foreseeable that can replace it.

The major change in technology that will accompany re-chargeable alkaline batteries is the power supply that re-charges these batteries. There also will be some serious changes in the manufacture of portable battery operated equipment, for it to be able to efficiently operate correctly with these batteries. Existing charging technology if used in an attempt to charge any type of alkaline battery, will result in excessive heat being generated within the battery, leading to an explosion.

The only type of charging technology which will work is pulse or harmonic charging specifically designed to re-charge “re-chargeable” alkaline batteries. In regards to our rapid battery technology, this would put QRT in the Smart Battery System, known as S.B.S. specifications technology code.

Our technology will also be tested for its amazing anti corrosive, rejuvenating abilities for batteries. As a matter of fact, in every instance when this technology was used in regards to lead acid battery charging the battery plates were cleaned of all oxide and sulphide materials during the process of recharging the battery. In fact, some of our tests- after being re-charged has created batteries that is better than new!

One of the biggest gains by QR technology is that it will make the chargers independent from mains power. This advantage is huge because we can then develop other related technologies due directly to the fact that we will be able to operate our technology from a battery source. This will give us access to develop vehicle anti-corrosive technology, to increase the acceptability of solar energy into cold battery situations, to be able to increase the accepted percentage ratio of current into most battery charging functions.

Pulsed Phase conjugate battery charging and rejuvenation technology applications

This system uses a unique combination of pulse modulation and resonant energy transfer to create an ultra low resistance state in the battery. This facilitates a rapid energy transfer into the battery’s chemistry without any corresponding increases in the battery’s temperature. It allows the battery to accept and retain charge much more rapidly without any corresponding cell degradation, which is a well-known drawback of other rapid charge systems. In fact our system in its final form will provide ongoing cell rejuvenation greatly increasing a battery’s useable lifespan.

There are several key areas where this technology can be put to use.

- The Ultra capacitor - Ultra battery: radically increased energy storage
- Stand alone form to support and greatly increase the efficiency of existing energy storage systems
- Solar & wind powered rapid battery charging of lead acid deep cycle batteries
- Grid independent home power systems
- Minimization of charging times for industrial equipment and tool battery packs
- Electric forklift batteries
- Next generation electric vehicles.
- Domestic use with re-chargeable batteries

As part of an integrated system this technology can increase the rate of charge of battery units used in portable & stand-alone fuel powered generator systems. The generators are used to recharge or top up deep cycle battery systems reducing the amount of fuel consumed & extending time between re-fuelling.

It can also be applied to other battery current intensive processes such as electrolysis and molecular disassociation to separate water or other liquids into component molecules for things such as:

- Hydrogen fuel cells
- Cleaner burning low carbon footprint
- High energy gases
- On demand requirements.

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Some hallmarks of the nature of perfect interference is when the shape of two of these radiating waves is perfect - the harmonic interference will be infinite and exhibit characteristics of SUPERCONDUCTIVITY! We found the correct electronics, which produce perfect and infinite and superconductive like, “heterodynes”. The implications of this for the energy industry, electric cars, solar panels etc. – could not be more exciting and profound.

The Endure Battery

The Endure battery (EB) otherwise referred to as an electret, is a program dedicated to the development of two different devices: One, an AC electret with a high internal resistance, having a negative impedance in operation, and two, a DC electret which has a permanent potential across the device, and therefore represents a negative resistance. Both devices are energy sources, and depending upon the application, can run real-world loads. For example, an electret, which is merely a capacitor that has a permanent polarization induced in its dielectric, can be classified as a class 1A amplifier in a circuit. How long the polarization will last is unknown as it is due to the stability of the dielectric material and the strength of the polarizing field.

Technical Details

The DC version is an electret processed with our proprietary technology to first induce a permanent field with a high potential which drops to a more usable level. Once this level is reached, the second step in the process drops the internal resistance of the device to near zero resistance while keeping its active voltage potential. This has the effect of producing a “battery” with low internal resistance, on the order of .1 ohms or less, while keeping a substantial potential across the device anywhere from 12 to 240 volts, depending on the residual field. Physical dimensions of the 12-volt unit will be on the order of 1-2 centimeters in diameter and 5 millimeters thick. Therefore the anticipated current output will be approximately 120 amperes, yielding 1440 watts. These can be stacked in series or connected in parallel to increase output, so for example 10 units would yield 120 volts at 1 ohm, or 14,400 watts. This can be input into a synchronous inverter for 240 VAC house current, with the excess output into the grid.

The AC version is a bit different, as there are fundamental variances between the physics of the two cells. In a normal garden-variety capacitor, the charges on the plates produce the polarization of the dielectric. This polarization, in turn, provides the EMF to push or pull electrons off the plates to power the circuit that it is connected to. In an electret, however, you have a polarization, ϕ , without a charge Q on the plates. This is considered a current-free potential, and thus cannot yield a real usable current. However, if one connected the electret in a circuit in which the external current is supplied in the form of a reactive current, then the potential of the device adds to the input potential of the circuit. If, for example, one had a device with a polarization potential of 12 volts, and the external circuit also supplied 12 volts, the two potentials would vectorially add to yield 24 volts to the load. If the capacitive reactance of the devices were 1 ohm, then on one side of the electret one would measure a reactive current of 24 amperes, yielding 576 VARS (volt-amps reactive). This is a reactive equivalent, since in electronics reactive power is not measured the same, although it can power real loads. On the other side of the electret, one would measure 12 volts, and the same 24-ampere reactive current, yielding 288 VARS. This therefore would in this case represent a COP of 2. One would only need to get the frequency high enough to keep the reactance down to a reasonable level. How high can the yield go? A possible scenario is a 12-volt

input and a 240-volt output, yielding a COP of 20. The limit in this case is the conductivity of the external circuit; since $I^2 R$ losses would become excessive at lower voltages.

The Super Transformer

This device consists of a spiral wound capacitor on the primary rewired to produce a vector sum additive magnetic field, and a standard helical wind secondary linking to the “mag cap”.

Background

Normally, spiral wound capacitors are connected either at the midpoint of the wind, or at the ends to eliminate inductive effects as well as magnetic fields which could react with other components. This effectively cancels out the B field output by producing two internally generated currents flowing in opposite directions. Over the years, researchers have noted that the magnetic vector potential field of capacitors would react with other devices, which also produce a similar field output, crystals as an example. Jerry Gallimore did this work extensively, and published at least two papers on the results. Another example is toroid transformers, whose B field is contained within the core of the device. Bill Beatty did the work on that one. So far, no one has rewired the capacitors to deliberately produce vector sum additive fields, at least in the extent of our research into the subject, although Nikola Tesla is suspected of doing so.

Technical Details

First rewiring the connections on a standard high value electrolytic capacitor, and then winding this on a ferrite core as the primary construct the device. If, for example, one hundred turns are wound on the core, and 1-ohm capacitive reactance is in the circuit, then this is equivalent to a winding with one hundred ampere turns if one volt potential is applied to the capacitor. If we wind a coil with one hundred turns on the secondary as a standard helically wound coil, it will link with the primary with a 1:1 ratio. The unusual property of this device is the fact that the primary is running on reactive current, and consumes no real power. In the above example, the primary draws 1 amp of reactive current, and 1 VAR. The secondary delivers 1 watt of real power. The COP of the device cannot be estimated, as it does not consume real power on the primary. The only current measured is the dissipated current as leakage in the electrolytic would be in the low milliamperes, and thus if that were used, the COP would be in the range of 1000 or more. This device, through broken symmetry, produces the appearance of more power out than in. In reality it depends upon how you measure power. Maxwell's original equations had both an imaginary quantity operational in higher dimensions “ i ”, as well as other operators in normal 3-dimensional space. Heaviside removed the higher dimensional operators, and therefore also removed a way of calculating what went on there.

Reactive power, which electrical engineers have been trying for decades to get rid of, is one of those phenomena that gives us access to higher space, since by definition it is not “real” power measured in watts.

Advantages and Applications

Anything that runs on electrical power can make use of this technology. It is only a matter of scale. A three-phase version of the transformer can run large industrial motors or electric vehicles. Anticipated construction costs will be comparable with standard transformer technology. Power outputs will also be comparable, and therefore easily calculated. A new formula for calculating the COP (coefficient of performance) for the device is forthcoming, but also relatively straightforward. This will also be incorporated into spreadsheet analysis of several scales of the device.

Conclusion

A new method of generating power is seen, which is environmentally friendly, simple, and requires minimal capital cost to implement. It is complementary to current alternative energy technology, which also makes it attractive from a policy standpoint for both government and industry.

Water Purification and Desalination – 2 Projects

Introduction

One of the best investments in our developing technologies is the potential of desalination, taking free water from the ocean, removing the salt, and selling it. Because we have technology that separates hydrogen and oxygen, it also separates impurities, creating instant desalination, at very low costs compared to other methods.

There is a rapidly dwindling fresh water supply in the world today. Roughly 1.5 billion people, more than 22% of the world's population, lack safe drinking water. According to an industry report, “the desalination market will generate expenditure in the region of \$95 billion by 2015.”

Global conglomerates have quickly entered this high-profit industry. GE, Siemens and Dow Chemical each have a big stake in the business, with operating plants all over the world. Firms like T. Rowe Price, Vanguard, and Berkshire Hathaway are watching the desalination technology evolve because all of these companies use old costly methods. Current desalination can cost about three times more than traditional methods. It takes about 14 kilowatt-hours of energy to desalinate 1,000 gallons of seawater.

Project 1: Magnetic Water Treatment

This project treats the water with high strength magnetic fields, changing the structure and decreasing the surface tension. It makes the water “wetter” without the use of surfactants. Thus, the water becomes a better solvent, and nutrients as

well as oxygen are more easily dissolved in it. It has yet to be determined the exact changes that are made from a quantitative standpoint, and what effect if any this has on the hydrogen bond angle. However, from an empirical perspective, it has been proven to have beneficial effects on living systems.

Project 2: Reduced Pressure Water Desalination

Currently, water is boiled at room pressure to remove salt as well as undesirable dissolved solids from the water to make it safe for human consumption. This is extremely energy intensive, as it takes a substantial amount of energy to change the phase of water from a liquid to vapor. It has been a serious limitation to the access of clean water around the world.

This project proposes the distillation of water in a reduced pressure vessel at approximately 0.5-psi static pressure. At this amount, the water will boil at slightly higher than room temperature, which means that much less energy will be required to purify the same quantity of water. There are two methods for accomplishing this: In one method, two tanks are brought down to the required low static pressure, and a small amount of heat is placed on the evaporator tank. Optimally, there will be a differential of 10-20 degrees C between tanks. This can either be an elevated temperature on the evaporator tank, or a reduced temperature on the condenser tank. Another possibility is to place a heat exchanger between the two tanks for condensing the water vapor.

The other possibility is to use solar energy to accomplish the low-pressure distillation. Two water tanks are employed, one painted black for the evaporator side, and the other white for the condenser. The height of the tanks is variable, due to local ambient atmospheric pressure. At the top of a large mountain, for example, or high altitudes, a shorter standpipe will be required to get the correct pressure. The bottom of the tower is at atmospheric pressure, and to initially get the water up into the tower a vacuum pump is employed to raise the column to the top of the tank. The same is done for the condenser tower. Each system will work in pairs.

In operation, the black tank will be heated by solar energy, and the vapor travels through a ribbed heat exchanger, cooling it down and condensing it where it goes into the condensate or receiving tank. As long as there is enough input energy to run the evaporator, the system will continue to function.

It is clear that if you can vaporize water with low energy input, you have the ultimate solution to desalination. When the water vaporizes- the salt is left behind. A low energy input solution to the world's water crisis (and a 95 Billion dollar industry)

AURA TOWER (Agricultural Utility Regenerative Amplifier) and its Applications

The AURA tower is essentially technology that connects between Earth and Sky to facilitate accelerated growth, pest control, as well as weather control. It does this by using signals transmitted that “link” between living matter growing in the soil and energetic signatures in the atmosphere.

Background

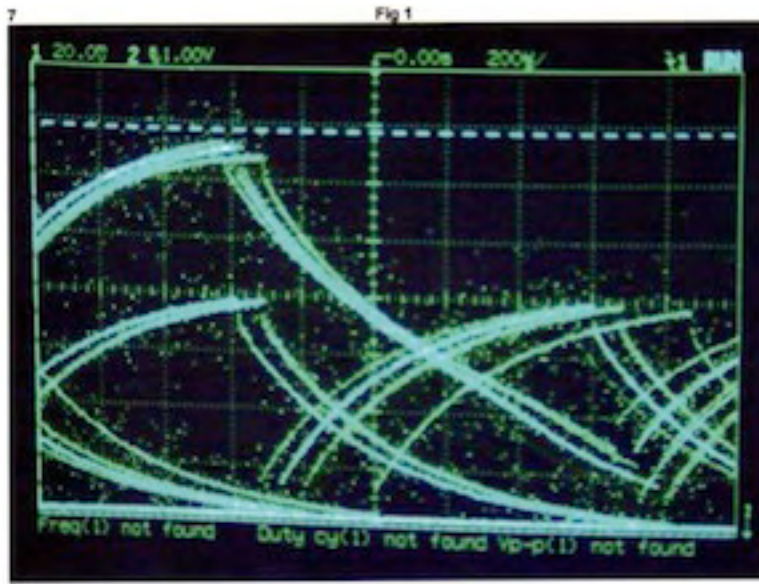
Normally, crops link into energetic signatures in the soil and atmosphere to facilitate their growth and metabolism. In our present age, electosmog and associated electromagnetic pollution has effectively “jammed” this link, and we currently now depend on massive amounts of chemical fertilizers and pesticides to remedy the situation. The natural balance has not been restored; it has been superficially addressed by maintaining the appearance of normal plant metabolism while on a deeper level our crops suffer from severe malnutrition. Electromagnetic pollution reduces available nutrients, and at the same time interferes with the mechanism that identifies friend from foe, and thus we require large amounts of pesticides to compensate for this damage.

Solution

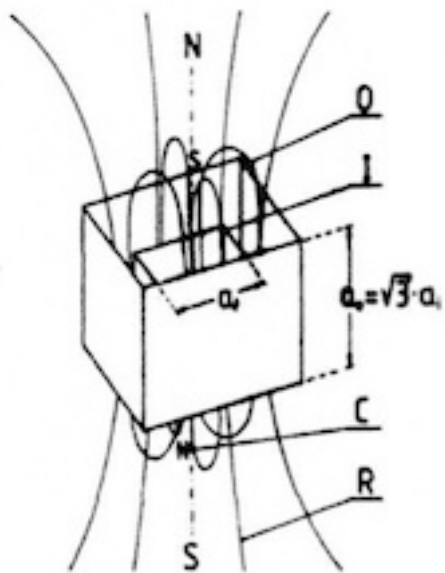
Energetic signatures are replaced at significantly higher levels above the electosmog and restores normal metabolism without the need of chemical intervention. Crops have the productivity of chemical farming without the need for those, actually surpassing yields of conventional farming techniques and giving the added benefit of becoming certified organic in the process.

Technical Details

A tower is constructed that employs a Helmholtz resonator producing an acoustic wave signature using the soil and bedrock beneath as a wave-guide. At the same time, a complementary low frequency electromagnetic wave is broadcast from the top of the tower using several frequencies, some identifying to the plant that nutrients are available from the soil to metabolize, and reinforcing the Popp frequency signature that distinguishes friend from foe. The magnitude of the signals from a wattage standpoint is comparatively small, and will vary from location to location based upon the environment. Programming coils within the tower pick up master modulation signals from a sample chamber, and this is used as a booster to communicate to the plants. An added benefit is the broadcast of signature frequencies that enable cloud seeding without the need to place chemical agents in the atmosphere. Thus, rain can occur when it is optimal to the crop to further boost yields.

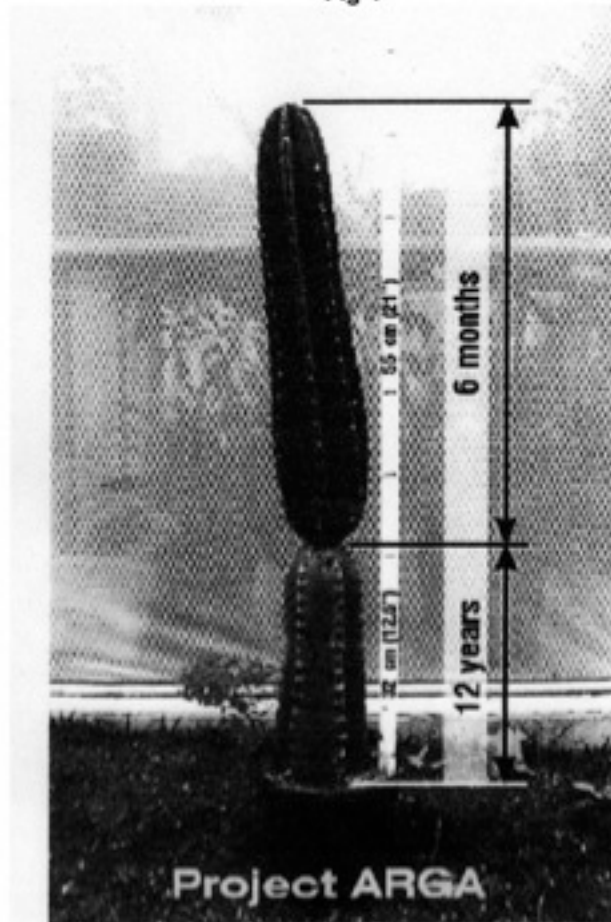


Typical Waveform for the AURA tower.



A magnetic oscillatory chamber used in the AURA tower

Fig 4



20

Fig 4, certainly gives a better view of the enhanced growth compared to the original growth over the previous 12 years and by comparing it to the recent growth over the last six months you can see the advantages of this technology. This was very early days in the research into this rapid growth that is shown in Fig 4 and the next step was to lift the area of transmission up to a garden size bed. I knew that I would have to increase the energy output of the harmonic oscillator so that it had enough energy to travel the length and breadth of a 32 X 8 foot garden bed.

Competitive Analysis

There is no other unit like this currently on the market. The only other technology that comes close is a radionics tower that transmits passively, and has a variable output that sells for \$12,000. The AURA tower is dynamic and has a certain measure of intelligence built within its design. We would easily exceed all the requirements of the competition.

Conclusion

A mechanism is proposed whereby all the benefits of chemical fertilizers are seen without the need for those agents. The cost savings to the average farm amounts to several thousand dollars per growing season. This cost saving is considered in the pricing structure for the AURA towers, with the possibility of a price break for the first one, and then rising in scale for subsequent purchases.

Also, two units are planned for production: One for domestic use in gardens, and the larger one for commercial large-scale production. In the commercial version, a multiple tower that can treat thousands of acres will be available.



In above photograph there are many other species of cacti plants in this garden bed where examples of growth can be compared with the photograph taken of the same garden bed seven weeks later



Seven Weeks after the beginning of the test. Please note the extent of the growth.

Accelerated Healing Systems – 2 Projects

Project 1: Broadcast Healing

This project is another application of the AURA tower technology. In the tower, we are focusing on plant growth and health, and those frequencies and waveform patterns are for the promotion of the well being of the plants, although it also has a beneficial effect on animal life as well. For this application, however, specific waveforms and frequencies to normalize animal, and specifically human metabolism are used. This has the effect of cohering chaotic and discordant wave signatures into those more optimal to the functioning of the human organism.

Background

It has been known for many years that disease (or more properly “dis”-“ease”), from an energetic perspective is a result of scattering or decoherence of electromagnetic and non-electromagnetic signatures. This has the result of causing a “phase drift” for different biological systems to the point that the body no longer operates as a unit. Several researchers have worked with the coherence concept, most notably Royal Rife and Antoine Priore. A two story high plasma tube was employed in the healing system of Priore to a great success, phase locking into the energetic signatures of the test subjects, mostly small animals, and reversing the disease process as a result. Different modes of operation have been suggested, such as phase conjugation as well as other more exotic paradigms such as quantum entanglement. However one analyzes the results, there is little doubt that an effect exists that cannot be readily discounted.

More recently, Fritz Albert Popp discovered several biologically active frequencies, some of which lie in the middle of the microwave band that is used for cell phone communications as well as microwave ovens and other wireless devices. This has serious ramifications, as Popp stated that these frequencies are similar to a wireless network that both humans as well as plants use to identify friend (or self) from foe. This has the effect of confusing the immune system into a kind of quantum frustration resulting in a vast array of autoimmune diseases as well as immunodeficiency syndromes.

Technical Details and Applications

The key to offsetting this is to reinforce the biological patterns that are beneficial to life at higher amplitude to the ambient noise, or “electrosmog”. Priore did this with rotating plasmas, and Rife with frequency mixes, also in plasma tubes used as nonlinear mixers. The tower is programmed to emit bioactive frequency combinations at higher amplitude than the chaotic electrosmog, and thereby also using part of the background noise in a kind of electromagnetic Jujitsu to assist in healing. Minimal power requirements are anticipated, and the range of the towers will be the same as those used in the plant kingdom, therefore allowing them to be used in healing centers to assist in recovery of illness. Larger arrays can be used to reverse the disease pathology of electromagnetic pollution in towns and cities.

Project 2: Personal Healing Systems

In this application of the AURA tower technology, we are scaling down instead of up. These will be small hand-held units that are designed to emit a field no more than 2 meters in diameter. The unit can be placed underneath a mattress, using the springs as tuning coils and passive radiator antennas, or in a window using the metal screen as a reflector. In a vehicle, the Faraday cage structure would lend itself well for use as a resonant cavity, containing the effect within the car. Brain “driving” frequencies can be used to prevent delta frequencies associated with sleep, staving off driver fatigue and promoting alertness.

Non-invasive pain treatment and elimination: Bioactive healing life preserving MAGNETIC fields

- *Growth accelerating*
- *Pain reducing*

Patented new technology for non-invasive pain relief, free of side effects that can be used continuously to target pain throughout the body. Based on magnetic cascade, which eliminates pain and speeds healing. Trial testing has been achieved in hospitals. As little as one treatment to as many as 15 treatments over a period of months shows high efficacy and no side effects. This device utilizes new principles which correctly impedance match external pulsed magnetic fields to non-invasively correct neuronal and other biological informational channels to reduce and eliminate pain.

This device can be utilized to treat chronic pain, current injury and surgical recovery and has been successful in over 90% of patients in four major clinical trials. A 100% of the patients received highly significant pain reduction in FDA trials at the Sierra pain institute of Nevada. Treatment times are anywhere from 30-60 minutes and depend on the time of pain the patient has been in pain and the source of the pain. As little as one treatment to as many as 15 treatments over a period of months shows high efficacy and no side effects. This is a completely novel non-invasive pain reduction technology.

Developed by our colleague Dr. Elizabeth Rauscher (World-renowned nuclear physicist, researcher and author of over 200 academic papers) with improvements theorized by Dan Winter

Extensive preliminary evidence that PHASE CONJUGATE MAGNETICS can not only reduce pain but also increase healing rate. We understand the physics- because this creates the magnetic environment of restored fractality- precisely the definition of healing in biologic tissue.

OUR UNIQUE IP PHASE CONJUGATE MAGNETICS

The ‘pine cone’ woven concept of phase conjugation is well known in optics. We plan to lead the world in implementing the parallel symmetry in dielectrics

bioactive fields. Dan Winter invented this concept when he showed that the magnetic frequencies the famous physicist Elizabeth Rauscher used to eliminate pain- in her FDA study- actually are predicted by his equation based on phase conjugation by golden ratio down to planck length and time.

Essentially this frequency recipe and pinecone symmetry for MAGNETIC lines produces centripetal and self-organizing MAGNETIC fields. This could be described simply as using the correct scale and ratio 'pine cone' to create perfect (constructive) COMPRESSION magnetically. It is abundantly clear that when this is done correctly, healing and growth acceleration is restored. Nassim Hameiri famously shows the picture of his flower that refused to decay after he exposed it to his centripetal magnetic

Implosive magnetics to heal and reduce pain can be produced by

- 1.) Using the correct frequency cascade magnetically to conjugate
- 2.) Arranging phase conjugate permanent magnets (like at TheImploder.com) into the correct implosive (dodec/icos) array. The implications for healing, pain reduction, tissue regeneration could not be more profound.

Bioactive Systems

The electric field, which creates this 'fractal field', is called 'phase conjugate dielectric' in electrical engineering terms, and those in the know - understand why this is bioactive and powerful.

Phase Conjugate Dielectrics Crystals are key to creating 'bioactive fields' and have proven to optimize germination, fermentation, metabolic rates, tissue repair and sedimentation. In fact, the commercial applications are far reaching.

Market place entry

- Fermentation rate increase in food, beer, wine, yogurt and other food producing industries
- Commercial digesters
- BIO-energy and algae fuels
- Ethanol production
- Building growth chambers
- Green house design and agriculture.

An Overview

We now know that in air just like in water, when the electric symmetry is fractal and phase conjugate all the LIFE-FORCE energy will be massively optimized.

This is called a bioactive electric field. We know the symmetry, frequency recipes and resin sizes to make capacitors (electric fields), which are fractal and thus cause

growth and increase metabolic rates dramatically. This is our unique IP and has never been achieved before.

This is the physics behind electric fields that help seeds to germinate and can reduce aging, create efficient storage of food and many other applications. We have long known that all living things require a fractal field. This is patently evident in water chemistry, where redox, the measure of charge distribution efficiency and electron availability to react, is precisely a measure of FRACTALITY IN WATER. It clearly predicts the ability of all living things to thrive in water. Not so evident has been the desperately needed understanding that FRACTALITY IN AIR will predict just exactly how likely EVERY LIVING THING is to be able to grow in that space.

Of course we realize the best way to teach this revolution in the way we think of what space is 'livable'- is to make it a commercial success. In this regard we have had breakthroughs. Dan Winter has taken what is known of phase conjugation in dielectrics and applied critical plank, phi and hydrogen frequencies to create unique piezoelectric fields, which cause resins to crystallize while hardening into PHASE CONJUGATE DIELECTRICS.

These crystals when placed inside phase conjugate containers produce a strong dielectric field which is phase conjugating and immensely triggering to bioactivity and hence to growth rate and which also will inhibit aging. We have multiple series of sophisticated measures showing that we can increase glucose consumption rate by 50% during fermentation. This means in effect we can increase metabolic rate.

While we emphasize this is exquisitely important for designing new digesters, fermented beverages, yogurts etc. - we also understand that accelerating metabolism can have side effects (apoptosis for example). The difference has to do with keeping the metabolic increase inside a dielectric whose dominant superluminal (phase conjugate) harmonics are of natural biologic origins- thus allowing the survival wisdom of primary DNA radio signal to dominate. Hence we achieve longevity storage, rapid fermentation, and anti- aging.

Bioactive Field Effects:

'Phase Conjugate Dielectric' the core principle is that if the dielectric or insulating material between the conductive plates of a capacitor is electrically 'phase conjugate'. This means the electric flux lines are re-arranged to look more like a pinecone. Insulators made of materials which were once part of biology are more likely to be phase conjugate, because biology tends to rearrange molecular bond centers to be more 'fractal' because the resultant pine cone like charge distribution efficiency is the core mechanism of life and mind.

This shape tends to cause charge to become centripetal (moving toward center). In that way living things refresh and self-organizing their field. Your aura or plasma field for example stays around your body better when you remain 'fractal' - electrically centripetal. Examples of living electric fields in this way include some 'orgone' materials.

More scientifically we have shown the consistent ability to produce a resin coating whose passive field effect accelerates fermentation replicably. Probably this is why structures like Stonehenge cause such a dramatic replicable increase in seed germination.

We also have another phase conjugate dielectric coating in development, which also reduces infection, and is bioactive. Centripetal dielectrics (correct trace mineral ceramics would be another example) reduce electrosmog and can even help contain radioactivity. In the case of our developed resin, it is triggered with an infinite heterodyne' frequency field. A bubbling fractal hydrogen thru crystallizing gel creates the bioactive field array in the molecular geometry. Our electrical engineers probably lead the world in the ability to measure- and optimize the creation of these 'fractal' or conjugate coatings.

Enhanced Electrolysis and Hydrogen Production

The way our precise waveform propagates in water is much more dynamic than the known process of conventional hydrolysis (splitting water efficiently into burnable gas). Our technology is based on the propagation of the perfect plamon wave. Think of a phonon or sound wave, being so 'rose like' that the sonic wavelength charge wave nodes find themselves imploding into precisely the infinite harmonic series, which rings the resonance of hydrogen itself.

The hydrolysis we conducted at room temperature on the gas breakdown from water- was almost explosive! It means in effect that water will unpack into its gaseous components- quickly and with VERY low electric energy input. A major breakthrough! In effect, this is the Rosetta stone for efficient hydrolysis. We are now consistently replicating this exciting work in close collaboration with an amazing team in Melbourne

This technology also uses the AURA technology to accelerate the decomposition of water into hydroxy gas for cooking as well as alternative heating. In tests, the reaction vessel remains at ambient temperature with a substantial gas formation, indicating the efficacy of the technology. This particular technique is scalable, and a target minimum of 4 liters of gas formation per liter of displacement is anticipated.

Technical Details and Applications

A nested frequency set is input into electrodes that "broadcast" these waveforms into the vessel. These waveforms act upon the binding energies of the water, causing essentially a "jamming" of the hydrogen-oxygen bond. The hydrogen no longer "sees" the oxygen, and vice-versa. The molecule falls apart into H₂ and O. This is particularly important- since in normal electrolysis H⁺ ions are generated, causing the PH of the liquid to crash and become extremely acidic, quickly decomposing the electrodes, and acting as a powerful reducing agent that can transform steel into elemental iron amazingly fast.

By decomposing the water through allowing molecular hydrogen to remain stable, this problem is negated, and expensive alloys are not necessary in the construction of the electrolysis chamber. Also, the lack of heat formation indicates a high efficiency of the system.

The anticipated application is wherever a combustible gas is needed that will not cause CO or CO₂ formation, such as enclosed spaces. Also, if a separation system is employed, then the H₂ can be routed into a fuel cell (or exhausted), and the oxygen can be used as a breathable gas for diving or deep-sea habitation. Hydrogen has also been experimented with as a breathing gas for extremely high pressures, and has had positive results.

Enterprising Clean Energy with QR Technologies

We are cracking the hydrogen code to liberate hydrogen from water at a much lower input energy than possible before

Our technology releases Hydrogen from water by using the new precise equations for the accurate 'wavelength' and 'frequency harmonic series' of hydrogen. A dramatic reduction in power to split hydrogen is the core of our project. The only power in our system is the amplifier to generate the key "singing note" frequency series we feed to the hydrolysis plates. The Breakthru in proof of the fractality of the hydrogen structure allows us to optimize these frequency recipes. Our technology allows a more powerful and direct approach to tuning hydrolysis and hydrogen energy production. This will revolutionize the leap into 'energy from water'.

New groundbreaking research by Dan Winter has derived precise frequency packets based on Planck, Golden Ratio and hydrogen atom diameters to separate hydrogen from water in a more efficient and lower energy cost than is currently possible.

Instead of broadly slamming the water molecule with an offset voltage for hydrolysis - the applied voltage is specifically applied in a process that coaxes the hydrogen atom off the water molecule. For example, this is rather like getting a singer on precisely the right pitch to break a glass. In this case, to use the analogy, the glass is the precise bond geometry of hydrogen.

Current technology in the world: The average energy required to produce 1 cubic meter of hydrogen through electrolysis is 4 kWh.

QR Hydrogen Energy Production: It will be possible to develop a technology where electricity consumption is only 1 kWh (or less) per 1 hydrogen gas cubic meter, enabling our hydrogen production to become a leading 'energy efficient' carrier.

Commercial Applications

This approach will result in a drastic reduction in the power or wattage required for splitting hydrogen from water. This means cheaper energy from water on demand.

The commercial possibilities are obviously planetary, revolutionary, carbon neutral, renewable and profitable.

Electricity generation, anywhere - anytime

Municipal, off grid, third world, medium scale for factories, buildings, business, home use / home fueling solutions, Military and NGO groups could use these mobile, high output hydrogen generators to supply power shortly after a disaster.

Where this technology comes into its own is in combination with fuel driven motor generator systems such as small to medium portable or mobile generator units used in remote or hard to get to locations. Places such as mine sites, bush schools and remote hospitals in 3Rd world underdeveloped countries, on farms and remote cattle stations and most importantly for emergency power generation during and after natural disasters which seem to be growing in number and intensity every other day. Reduced fuel consumption and higher fuel to electricity conversion efficiencies mean less frequent refueling of remote generators and longer running times providing sustained power production allowing it to support power tools and emergency communications equipment, lighting and portable battery recharging stations amongst other things.

Tar Sands Oil separation

The cheap and efficient use of burning hydrogen from water can be used for the massive amount of energy required to separate oil from tar sands, rather than the methane presently used.

Fact: The Tar Sands is the largest oil field in the entire world. Tar Sands have many problems. They use expensive heavy equipment along with the consumption of massive amounts of natural gas. Canada is the world's 8th largest greenhouse gas emitter.

For example: Syncrube = \$1.8 B/year. Tar is viscous. It will only flow when heated. Hot water is used to heat the tar. Natural gas is burned to heat the water. Methane's gross heat combustion is 891 kJ/mol. Hydrogen gross heat combustion is 242-286 kJ/mol

Why not heat the water, with hydrogen generated on the site!

1 Litre of water gives 2700 litres of hydrogen, which is much cheaper than natural gas and has no carbon greenhouse gas emissions. You can generate it on demand; there is no need for storage, and no need for transportation (natural gas is transported hundreds of miles in some instances)

Syncrube spends \$1.3 B on natural gas at \$5 / mcf yearly

Hydrogen costs \$188 M at \$2 / mcf yearly and 3.68 x vol.

That is a saving of \$1.1 Billion per year!

Transport

The push towards hybrid petrol-hydrogen-hydroxy mixed powered cars, especially from Mercedes, BMW, and Toyota etc. Hydroxy production inserted into cars, trucks, trains and shipping will be a huge market in the years to come. Basic test around the world have proven fuel savings of 10-30%. Military, NATO, non-governmental service agencies are moving to non-fossil fuel vehicles that can be refueled from local sources and which are non-polluting. Companies with large commercial fleets; taxis, delivery services, short and long haul trucking could use large industrial units to generate large quantities of hydrogen that could supply hydrogen at a much lower cost.

The project will develop and refine the engine-generator fuel management, timing control & generator electrical power output and mechanical conversion efficiency. A future plan is to design our own motor- generator unit.

Motors, generators, fuel cell and fuel enhancement

Its is already well established that when various gases derived from liquids such as water, are added to standard fuels such as Diesel, Petrol, LPG and Natural Gas, the various mixtures can be catalytic in nature which greatly enhances the burn characteristics delivering less particulates, especially in the case of Diesels by up to 30% or more and with great increases in fuel economy and power delivery

This technology can be upsized or downsized as required to accommodate small, medium or large generator systems as well. Other engines for our consideration would be older diesel trucks that will have great difficulty in passing future emission regulations. In fact this market is huge. Also off road applications such as:

- Tractors
- Pumps
- Heavy machinery
- Generators of all kinds.

The market is huge and almost limitless. Examples of uses for this aspect of the technology

- Hydrogen for various applications including in ceramic fuel cells for converting it directly to electricity,
- Oxygen for industrial use
- Fuel enhancement to improve combustibility
- Produce clean gaseous fuels for gas welding equipment
- Fuel efficiency
- Reduce pollution

Where this technology comes into its own is in combination with fuel driven motor generator systems such as small to medium portable or mobile generator units used in remote or hard to get to locations such as:

- Mine sites

- Out back remote schools and hospitals
- 3Rd world underdeveloped countries
- Remote farms and remote cattle stations
- Emergency power generation during and after natural disasters

Reduced fuel consumption and higher fuel to electricity conversion efficiencies mean less frequent re-fuelling of remote generators and longer running times providing sustained power production allowing it to support power tools and emergency communications equipment, lighting and portable battery recharging stations amongst other things.

Customer Problem: What happens when oil is priced out of reach of the average family? And it will be. Our generators, allays the fear of losing power due to unaffordable high oil prices. Also useful in remote locations. Our fuel enhancers increase efficiency. Our rapid battery charging brings in a new generation of power users. We will build and sell robust 5kW electricity generators that run on hydrogen from water using our new fuel cell design. This technology is totally scalable from mobile home units to medium sized community generators to gigawatt power plants. Fresh water is running short. We can bring water to areas that never had it before with our desalination technology.

Other Customers: Remote off grid power supply, emergency disaster preparedness generators, water pumping systems, well site power, ranchers and farmers, recreation vehicles, boats, power homes selling excess power to grid. Anyone who uses a generator or fuel cell for any purpose. We will focus on licensing the technology automakers, generator makers, transit systems, utilities, etc.

Super Capacitor using HSG (Hydro Sil and Gel)

This project needs no “R” part of the R&D. It is ready for development. We are seeking labs around the world to test the properties of our unique Super Capacitor, and join us for business development and promotion.

HSG is a polymer silica compound of sodium silicate that our team has invented and experimented with over 2 years. . It has a nominal dielectric constant of 115,000 and can go up from there. Recent tests of the material, an attempted test to destruction, have revealed that the material has an unusual ability to adapt to environmental challenges by changing its structure. When several thousand volts per mil are applied, the material, which is normally clear with a darkish cast, changes to an opaque white viscous substance, with the consequence that the dielectric constant, or permittivity, rises to one million or above.

HSG has been tested to destruction thermally, but to date not electrically, as any discharge tends to “heal” over. This material shows properties of living matter in its ability to reorganize. Since it needs to remain in a gelatinous state, any capacitors will need to be sealed, and remain between 0-100 degrees Celsius. Freezing the

material causes the permittivity to crash, as does overheating, therefore the temperature window is similar to electrolytes. The material is also a fire retardant, and anything coated with it seems to carbonize or char without combustion.

Rather unusual properties

For one, it had an extremely high PH, on the order of 14. This is on the extreme alkaline side of the PH spectrum. But that was just the beginning. When he applied it to cuts, they healed extremely fast, leading to the speculation that the material he used was high in ORMES, or orbitally rearranged metallic elements. These have platinum group materials in a single atom, or monoatomic state. Monoatomics seem to have a quirky quantum mechanical state where each individual atom “blurs” its identity across an array, creating properties similar to Einstein-Bose condensates that exist fractions of a degree above absolute zero. When David Hudson’s (famous pioneer of ormus) colleagues experimented with the material, it would disappear when exposed to sunlight, or any kind of radiation, changing state into something slightly out of phase with our quantum reality, and reappearing after a time, apparently losing its energized state from wherever it went upon dematerializing.

This is similar to what happens with what we call HSG, or Hydrosil Gel. This material is made in a manner similar to the regular hydrosil. However, the solution is preheated to a specific temperature, and what results are a high-viscosity gel, greenish-grey in color, with some giving the appearance to luminesce in the dark. After the process is completed, the gel is allowed to cool and stabilize, and then exposed to sunlight, upon which it goes clear. It is suspected that what happens is a quantum transition of the elements inside the gel, most notably the platinum group monoatomics into a different state. The gel seems to have the same healing properties of the liquid, however the electrical effects are markedly different.

Implementations and Applications

Due to the seeming adaptability of the material, the first immediate application would be self-healing capacitors. The next would be energy storage and possibly even generation based upon other unique properties of the material.

Topical application of the material seems to accelerate healing. Upon contact with the skin, the material seems to adjust its PH to that of the surrounding tissue. The healed tissue has reduced scarring. It also has insecticidal properties, and application of the material to the skin causes insects to either detach or expire. Applied to plants, it seems to have a repellent quality, and once again the PH is seen to change. Fire ants, which use formic acid for venom, are also repelled strongly, and if applied directly to the ants, the venom is neutralized.

The hydrosil liquid seems to cause oils to separate from their carriers, and if sprayed on oil bearing sand, will create a slick on top that is easily recovered, having a property opposite to a surfactant. This can be utilized in petroleum spills, as well as oil recovery in tar sands. One immediately marketable item would be as an ecologically friendly driveway cleaner. Once sprayed upon the concrete, the oil would immediately separate for recovery. It also has the same ability to accelerate

healing, and can also be applied topically without a great deal of red tape for FDA approval. It also seems to have insecticidal as well as repellent abilities, although somewhat reduced as the active ingredients are more diluted than the gel, however it is cheaper to manufacture.

One other ability of the liquid is the ability as a restorative for cataract sufferers. It has been tested empirically, and shown to delay the onset of cataracts, as well as possibly reverse the condition.

Conclusion

Hydrosil liquid and gel appears to be a “smart” material which seems to adapt to its environment, changing its PH and other physical properties. This lends itself to a myriad of applications, some of which have yet to be determined. The material is environmentally friendly, relatively easy to make, and as an added benefit produces significant quantities of hydrogen in the process of making it, therefore the production of the material can also be utilized as a hydrogen gas generator. The raw material is readily available and reasonable in cost. The market demand for high K dielectrics is on the rise for green technologies and energy storage. The potential for profitability for this material is significant, and the impact on society is positive.



Overall Conclusion

All these technologies have a mostly “up” side and very little “down”. There are many advantages to the implementation in the categories of energy, propulsion, and medicine. A system to counter the effects of electrosmog is desperately needed, and soon. A viable alternative to carbon based fuels is also needed, or a new form of energy which is more conducive to life.

These technologies cover all these concerns, and promise a future for humanity that includes a thriving, living world devoid of the present strife associated with carbon based fuels, one in which all living on this planet would benefit from.

Please contact me if you are interested in investing in our unique, dynamic, game changing and exciting R and D projects

Roger Green
info@Breakthru-Technologies.com

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