Water fuel Cell News letters [No 3]



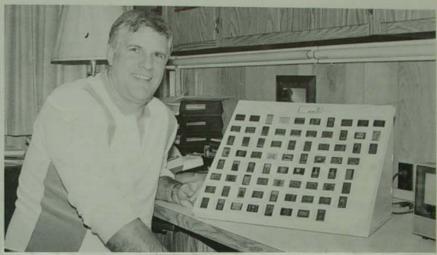
Stan Meyers with his EPG system



Proposed International Trade and Development Center

Plans are now being laid out to build and manage a multi-million dollar Product Development and International Trade Center. The Product Development Center will house many sections that will coordinate and cross-talk the development of the Water Fuel Cell technology (see chart C) between the military, government, industry and the private sector. The proposed center will also coordinate international trade with foreign entities to further promote WFC technology and related scientific and business ventures. The proposed International Trade and Development Center will be linked to a Research and Aero-Space Complex to extend and expand WFC technology beyond space communications deployment to space exploration and colonization.

The center "Planning Board" is now offering a profit sharing plan to private investors to finance the center construction. For further information or to attend an investment audio/visual seminar, please call 1-614-871-4173 or write Water Fuel Cell, 3792 Broadway, Grove City, Ohio 43123.□



Stan Meyer, Grove City resident and inventor, is shown as he finalizes the preparations for a professional technical audio-visual presentation on the technical base of the Water Fuel Cell technology which will soon be given to members of the U.S. Government and the military at the Pentagon. The special presentation is being prepared so the technology can be properly presented to the government, military, and industry so everyone will understand what he's been working on and why. Inquiries have been made by foreign governments, and presentations are planned for the Canadian Parliament and for government in Europe.

(photo by Marcia Thompson)

Meyer develops the Hydrogen Fracturing Process

Controlled energy release from water atoms

By Marcia Thompson

At a recent seminar, a speaker representing a major U.S. industry made the statement that as far as technological development goes, since the beginning of man's time on Earth, we've only used up three percent of our technical know-how. However, the remaining 97 percent will be developed within the next 100 years—much within our own lifetime, or certainly within that of our children.

As technology advances, so does our need for energy sources to keep up with the demand worldwide for mass production and everexpanding industrial growth.

Over the years, we've discovered wood and fossil fuels such as oil and gas aren't plentiful enough. They take too long to regenerate—leaving us with diminishing resources and a dangerous control by countries which supply those resources, such as the Arab nations. No nation has an independent, internal, ever-lasting energy source, and so, we have to rely on outside sources.

Right now in America and in many other industrial nations, we rely on oil as a main energy source to operate our factories, fuel our transportation needs, and provide energy in a myriad of other ways.

continued inside

Stan Meyer is shown with a lab model required by the patent office illustrating part of the Water Fuel Cell energy system. This is only one of eight patented systems of the Electro-Particle Generator which produces electrical energy. With these models, Meyer can use the energy from water to produce the electricity needed to run the generator. This and other models are forerunners of the Electrical Home Power Generator which he hopes to develop for home usage.

(photo by Marcia Thompson)



Since we are so dependent on Middle East oil, when their oil production is slowed down or embargoes take effect, the cost of continuing to import needed energy sourcesbecomes prohibitive to production.

The world now realizes that alternative energy sources are vital. With that in mind, the scramble is on worldwide to create a new energy source which meets all our needs. Scientists and inventors have tried to develop solar power, wind power, and atomic power. The first two, so far, have proved to be cost-prohibitive in large-scale application, such as for industrial mass production. The third, atomic power, has not become the final answer, mainly due to the "hourglass effect"-the nuclear process itself inheriently causes the power plants themselves to deteriorate, and the life span of what was hoped to be a permanent energy source has been reduced to little more than two decades before it has to be shut down. Three Mile Island and Chernoble have brought attention to that fact. Nuclear energy production can lead to disastrous accidents.

Scientists worldwide agree that the world's most abundant and powerful resource is hydrogenreadily available in water which covers 75 percent of the earth's surface. The problem is how to harness this abundant source as economically as possible and adapt it to provide for the world's energy needs.

New energy system developed

Stan Meyer, Grove City, Ohio inventor and businessman, has been working on this problem since 1975 and has now perfected his "Water Fuel Cell"—a technologically-sound invention which meets these major criteria:

- 1) No prior patents could apply to the system, either nationally or internationally.
- 2) The system must be made of readily available materials.
- The same engineering design specifications must be able to be applied to all energy systems.
- 4) The system must be able to be built by one person in one day, referring to being able to retrofitting systems for car, home, military, or industrial usage in an emergency situation, with no reliance on industries for materials.
- 5) It must be able to be built in a garage, a basement, or a backyard—again not relying on industries for construction.

Mr. Meyer has developd the base technology for this new energy source in a systematic way, filing 42 patents, with many already received and many others in process, on not only the basic principles but also on related technological developments which provide a "buffer zone" to bring the inventions to full development without endangering any part of the system to manipulation or destruction by outside sources.

"I own and control the tech base," he said. "It can't be manipulated. It's in a critical stage right now, and I'm deeply committed to the development of the inventions."

His extensive background in research development engineering, and corporate entrepreneurship has contributed to the development of this new energy source.

"This is an independent business with no allegience with multinational corporations or the government," he states. "I've developed the system on my own and obtained all the patent rights on my own. Funding for the project has been from the private sector."

History of development

The history of the water fuel cell technology development has been a rapid and interesting one. Since the running of the dune buggy on hydrogen power in 1985, using natural water and the Water Fuel Cell system, and the release of in-

The atomic energy-yield of a gallon of water exceeds 44,000 barrels of oil.

Stan Meyer, inventor of the Water Fuel Cell, is shown with a lab model of the Resonant Cavity technology, one of four major developments which are pertinent to the Water Fuel Cell technology. It is only one of many different types developed and tested to study the phenomena of resonant action, which produces high amounts of hydrogenoxygen gas on demand. Many different patented processes had to be developed, and this is only one of many steps in the development of the electro-polarization process of splitting water molecules with the influence of voltage. To his immediate left is a control box of electronic circuitry interfacing to the resonant cavity technology. It operates on a revolutionary new patented technology which Meyer developed when he found he couldn't rely on current technology to demonstrate and operate his Water Fuel Cell. (photo by Marcia Thompson)



formation about the new energy system both locally and worldwide via ABC television newscasts, Meyer has been continuing to develop the technology pertaining to injector systems in preparation of taking a trip across the country by water-powered car after the technology is fully developed and legalized. In the interim time to the current date, he's been finishing several major research and development projects which had to be fully developed before the Water Fuel Cell technology could be presented to the marketplace. Before the preengineering design of Water Fuel Cell technology can be finalized for mass production, other major goals had to be reached, including:

1) Processing over a four and onehalf foot stack of legal paperwork to ensure the legalization of the technology. It is mandatory to receive patents covering all parts of the development of the technology in order to maintain control of the technology and to avoid, in Meyer's words, "being blocked by foreign or domestic interests in bringing it in"

 Finalizing of the technology of the Electric Polarization Generator.
 Completion and finalization of the tech base for the Gas-driven Electric Generator and completing all patent work for issuance of patents already received.

4) Completing the design work on the Rotary Pulse Voltage Frequency Generator, for mass production and receiving the patents on that and related technology.

In order to complete the entire development package, Meyer has found it necessary to work on and develop, to invent, and study the phenomena to establish engineering workability of the system's concept, always working towards the concept of mass development and to integrate the use of production of hydrogen power. It has been a step-by-step development. Refering to the Water Fuel Cell Flow Diagram, Figure A: 1) finding an economical way to produce gas from water (bottom of chart); 2) developing the ability to enhance that energy for home, car, military, industrial, and other usages (bottom of chart); 3) developing the ability to process the hydrogen gas so it's as safe to use as natural gas (right side of chart, above WFC laser injected resonant cavity); 4) producing electrical energy to stimulate hydrogen production; 5) making the hydrogen gas so it can be recycled for hydrogen re-use, which entailed the development of the Water Fuel Cell Purification technique (this converts natural water with contaminates and

bacteria to pure drinking water)—(right side of chart); 6) developing the technology to utilize the properties of hydrogen gas for electric production, which is referred to as the Energy Feed-back System (center of chart under gas acutated electrical generator); 7) learning how to deal with the production of electrical energy in an economic and reliable way (left of chart).

All of the steps listed above were necessary to complete before Meyer could come up with a universal power supply which could be retrofitted to any energy system in the world.

Use applications

Because of Meyer's discoveries, the hydrogen gas in the Water Fuel Cell system can be used in any application—industrial, in buildings, on the farm, in the home, and for transportation needs—with easy retrofitting to any existing energy-consuming device, thus eliminating the need for re-tooling oil-using industries for exotic fuel usage. Vehicles would, for example, only need minor adjustments for coupling with the "Water Fuel Cell" system.

What does this mean? It means that with the development of this system, we can drive a car across the United States on only a handful of water for fuel...or we can release enough energy to fly an executive jet at 550 m.p.h. for one hour on one gallon of water, thus giving the jet world-circling ability...or we can develop tactical aircraft carrying full armament which can "scoop up" sea water for fuel and continue on to its objectives without relying on other fueling sources.

The system is centered around using water (hydrogen and oxygen) as a power source. To use the hydrogen as a universi fuel, there were some guidelines which had to be met:

- The hydrogen gas must be produced economically with no additives and no special processing of ordinary water.
- We must be able to control the rate of production of the gas on command.
- 3) We must have the ability to adjust the burn rate of the hydrogen gas to that of fossil fuels.
- We must have the ability to distribute the hydrogen gas without spark ignition.

All of these criteria have been met and covered in the patenting process by Mr. Meyer, but the excitement about the new energy system doesn't stop there.

Energy possibilities from the atom

The final step has involved the development of the Hydrogen Gas Gun technology (right side of chart), which has the ability of releasing energy from both hydrogen and oxygen atoms being produced in the Water Fuel Cell technology under a controlled rate. That has never been done before, but Meyer has now developed the technology to such an extent that it's ready for preengineering design criteria which will in turn establish preengineering models for production.

"The importance of this latest technological development is of great magnitude," says Meyer. "Discovering the technology and the phenomena involved in the Hydrogen Gas Gun shows us it can be adapted to the Water Fuel Cell technology and can be used on any and all energy systems in the world. Once it's fully developed, then driv-

ing across the U.S. on a small amount of water or flying a jet around the world on a small amount of water, like mentioned earlier, will be a possibility."

"That's why we're legalizing each step before bringing it out into the public market," he continued. "It must be developed to the fullest extent because of the seriousness of the energy problem. The Water Fuel Cell technology led to the development of the Hydrogen Gas Gun technology, which is of great importance because of the possibility of it adaption to such things as the Star Wars program."

Meyer says his philosophy is the same both in the past and today, that it is paramount that this technology be developed outside the government and the multi-international companies which would control how and when the production is presented to the marketplace.

"We're finalizing the preengineering work and technology now," he stated. "We're ready to design retrofit energy systems for mass production. We've learned all the technical base needed and have learned the scientific phenomena of all the technology. Now we're ready for the next phase-preengineering. We'll put together preengineering models. Once the models are fully designed, they'll go through a testing stage for reliability. When the system is released into public domain, we'll have an extremely reliable and economic energy system."

The fuel cell can break down water molecules into component parts, hydrogen and oxygen gases, under controlled technical steps, thus creating a release of energy from the atom. The energy released by the hydrogen and oxygen atoms under this controlled state can be utilized to replace nuclear power. It was hoped and planned that nuclear energy would meet at least 15 percent of our energy needs by the end of the decade, and even more than that in Russia. Instead. nuclear plants throughout the world have not been able to meet the demands, nor has the technology been developed to maintain nuclear power sources indefinitely. In addition, the scientific community has no technology available right now to replace nuclear energy losses, and they've had to revert to Middle Eastern oil as an immediate step to meet energy demands.

"We don't have a hundred years to wait to develop a technology which might not even be fruitful in its end results," says Meyer. "That's where the Water Fuel Cell technology comes in. We need to develop a way of releasing energy from ordinary water throughout the world quickly. The tech base is established, and now we're translating that technical base into a useable system."

The process is non-radioactive and is totally controlled on release. The technology involved can be used quickly in other areas—such as the proposed "Star Wars" technology. Meyer feels that the hydrogen gas gun technology might be an answer to the "Star Wars" development program.

"To date, the government has spent billions to demonstrate the feasibility of the Star Wars program," said Meyer. "I personally support the program from the point of preventing global war. The U.S. must be capable of nullifying nuclear attack."

The hydrogen gas gun (or "injector gun") and related laser technology which Meyer has developed is totally and completely environmentally safe. It is ideally suited for jet and automobile engines, replacing the sparkignition systems. Industrial applications would require slightly larger "injector" units for mega-watt energy yields.

Further applications might include supplying the energy needed in space stations, since the closed-loop system is applicable in the farthest reaches of outer space as well as in the deepest parts of the oceans.

Since the fuel cell is a nonchemical, non-corrosive device, the system has an extremely long life and does not need replacement parts. It will not self destruct during gas production and has no moving parts. Further, it may take on any form or size, allowing it to be used in almost any application.

Military applications

Meyer has already gone to Washington, D.C. and has made preliminary presentations at the Pentagon to General Abrahamson and staff and members of NASA pertaining to using the Water Fuel Cell, Hydrogen Gas Gun, and related technology in the Star Wars development program. As research and development finalizes, this will continue to be pursued.

"The development of this energy system is important for the economy of the U.S. as well as the military," said Meyer.

"Not many people realized it, but during the last oil embargo, the military was caught by surprise," he stated. "Fuel was cut off to the Mediterranean fleet. In fact, they only had two and a half days of fuel left. If Russia had known that, in all probability, they would have attacked. The military was forced to buy oil on the "spot" market at tremendous costs. As I told those in their 'ivory towers' in Washington, it makes no difference if you've developed a high-tech airplane of some kind if you don't have the energy to get it off the runway."

His main objective is to get a power supply into the economy by gaining grass-roots support.

"People know we have to do something about the energy problem," he says. "But, there's always been too much red tape and opposition in the Federal Government."

He points out that we live in a little over two trillion dollar economy. Two hundred billion goes out of the country annually for energy supplies, mainly to the Middle East for oil. It is conservatively estimated that Arabs now own approximately 65 percent of the energy base in the United States, thus effectively controlling energy supplies.

Dependency on foreign oil

"Right now, the United States is dependent on over 57 percent of its oil supply from foreign nations to maintain its energy base," Meyer maintains. "Very little has been done to boost the oil reserves. Tests have shown that there's at least 80 percent of the oil deposits still in existing oil fields in the U.S.,

but there's no economical way yet to pull that oil out. That's where the Water Fuel Cell technology can come in. In case of an embargo, for example, the technology can be utilized to repressurize existing oil fields, using steam. The Water Fuel Cell technology can be retrofitted in a short amount of time to the oil industry. We still need oil to grease the gears of industry. Water Fuel Cell can help boost oil production in the U.S. in case of an embargo."

Meyer stated that he was present at a closed-door meeting during the last embargo when Columbia Gas of Ohio informed many powerful and influential industrial leaders that natural gas supplies would have to be cut off. Ohio then imported 85 percent of its natural gas.

"I thought they would have heart attacks right there!" he said. "If there's no energy, there's no product. If there's no product, there's no profit, and you'll go out of business. Since then, nothing has been done to change that dependency on imports, but now there's a better option with the Water Fuel Cell technology."

Meyer says the thrust is to get the government, industry, and military to move ahead in one accord. The Water Fuel Cell technology, which would benefit all three, could be transferred into mass production units overnight if the finances and manpower to do so were there.

"The government has funded research and development teams during the embargo, and they fell flat on their face," said Meyer. "After four or five years in an analytical approach to the problem, they came up with nothing. Those people in their 'ivory towers' need answers, and that's what we're trying to do with the Water Fuel Cell—bring an energy system in without foreign intervention."

Meyer predicts the cost of the Water Fuel Cell will be extremely low compared to the cost of using conventional energy sources. Water is free energy without any overhead refining costs or packaging expenses. The water is simply reclaimed and recycled when the hydrogen energy is used in the form of heat.

The Water Fuel Cell technology is a composite of many systems integrated together for a common purpose—providing a practical answer to the energy problem. As Meyer says, the hydrogen age can now replace the fossil fuel era.

Bringing the system home

In the final analysis, the American people are traditionally independent. If foreign entities try to utilize existing laws to block the development of this energy system, then grass-roots support will bring it about, according to Meyer. People will be mobilized to bring it in, and they'll determine whether they want the power supply to come into existence. They'll compare the \$1500 one-time total cost of installing the system on their car, for example, with the nearly \$14,000 they'll spend on fuel for their car for its lifetime.

Meyer says the energy system will accomplish two facts: 1) knock out our escalating dependency on foreign oil; and 2) give the economic power back to the individual. The more units in the economy, the stronger we'll become in the security and welfare of our businesses.

"Right now, the U.S. is very vulnerable, " said Meyer. "If, for example, the central computing system which controls the gas grid of the U.S. were destroyed by terrorists, it would render the U.S. totally helpless. It's happened in other places. Why not here?"

"We're at war," he continued. "We're lulled by false security in the area of economics. The whole purpose of this research and development work is to come out with a viable economic answer to the energy problem. Mass production could stabilize the economy base of the United States. The technology can defuse the Mid-East problems. Without energy, people will go hungry. Hunger leads to war. The industrial base is expanding so rapidly that the energy base can't meet it. all we have to do is revert to using a free and plentiful sourcewater.

If you are interested in attending a seminar, call 1-614-871-4173 to arrange seminar scheduling.□

WATER FUEL CELL Research and Development Format Chart C

RESEARCH PROJECT

FUEL CELL TECHNOLOGY:

- · Electrical Polarization Process (EPP)
- · Voltage Intensifier Circuit
- Cluster-Array
- · Resonant-Cavity
- Laser Injected Resonant Cavity
- · Atom Injected Resonant Cavity
- Hydrogen Fracturing Process

PROCESSED HYDROGEN GAS:

- · Rendering Hydrogen Gas Safe
- Quenching Circuit
- Quenching Tube
- Hydrogen Ignition
- Start up/Shut down Electronic Circuit
- Hydrogen Pipe-Line Storage
- Hydrogen Gas Reclaim

ELECTRICAL POWER GENERATION:

- Electrical Particle Generator (EPG)
- EPG Mechanical Drive System
- EPG Electro Magnetic Drive System
- EPG Laser Drive System
- Magnetic Spin Generator
- Spiral Transformer Configuration
- Electrical Pulsing Generator

ELECTRICAL FEEDBACK NETWORK:

- Gas Activated Electrical Generator
- Internal Combustion Electrical Generator
- Fluid-Drive Electrical Generator
- Electrical Polarization Generator

OTHERS:

- Steam Resonator
- Light-Guide Lens Assembly

PURPOSE OF DEVELOPMENT

Producing hydrogen gas economically from water by way of voltage stimulation.

Controls hydrogen gas production on demand.

Light Manufacturing.

Home/Transportation.

Medium Industry.

Heavy Industry.

Controlled energy-yield from water atoms (Aircraft/Rocket Engines/Space Stations).

Adjust hydrogen gas burn-rate to co-equal natural gas.

Anti-Spack Back.

Distribute hydrogen gas without spark-ignition.

Sustain and maintain hydrogen flame regardless of gas-rate.

Automatically re-ignites hydrogen gas after flame-out.

Transporting hydrogen gas through existing gas-lines safely.

Recycling water for hydrogen reuse and producing drinking water free of bacteria and contaminates.

Using a magnetized gas or slurry to produce electrical energy without any air-gap.

To propel said magnetized gas/slurry by way of mechanical displacement.

To propel said magnetized gas/slurry by way of electromagnetic deflection.

To propel said magnetized gas/slurry inside an light-guide tube by way of photon or particle injection.

Re-orientate dyne-axis of said magnetized gas/slurry by way of variable pulse voltage.

Pass electrical energy at high pulse voltage frequencies.

Electromagnetic Amplifier that produces a variable pulse voltage frequency.

Using a thermal pump to move said magnetized gas/slurry to produce electricity.

Using internal combustion engine power by said processed hydrogen gas to move said magnetized gas/slurry to produce electricity.

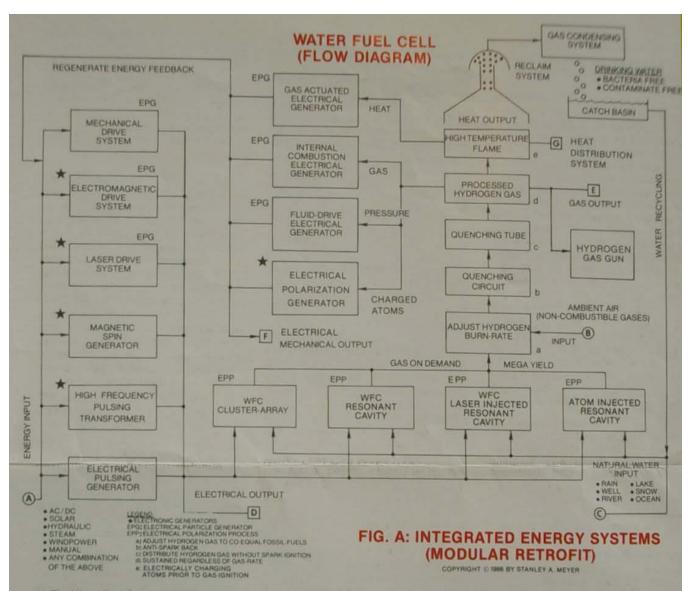
Using said hydrogen gas pressure to move said magnetized gas/slurry to produce electricity.

Using electrical charged gas to produce electrical energy.

Producing superheated steam by way of polar-voltage stimulation.

Collect, Redirect, Transfer, and Focuses solar energy without any moving parts.

The above said research and development projects now makes the Water Fuel Cell Technology an universal energy system, having retrofit and mass production capabilities. The Water Fuel Cell Technology simply uses water to produce both gas and electrical energy on demand.



The Water Fuel Cell technical base covers many areas of development: 1) hydrogen gas production, 2) rendering Hydrogen safe, 3) water reclaim and purification, 4) reliable electric generators, 5) converting the properties of hydrogen gas to electricity, and 6) releasing energy from water atoms under control means. See Chart C.

Seminars are available

Technical seminars with an audio-visual presentation concerning the development of the Water Fuel Cell technology are available for "community" sponsorship. The seminars cover the history of development, a demonstration of some of the technical aspects of the Water Fuel Cell, and discussion on why the need for a new energy source without foreign intervention. The power supply is coming in by the people for the people with the Lord's help.

For Seminar scheduling, call Seminar "Hot" Line 1-614-871-4173 for time, date, and location. The general public is welcome to attend.

For additional information, a technical brief titled "The Birth of New Technology" is now available for purchase. The book explains the electrical polarization process on how to use water as a new energy source and why the "power-yield" of water is greater than fossil fuels. The Hydrogen Gas Gun Technology is not being published at this time due to patent processing requirements.

A Dealership video tape is now being offered to the public for viewing.

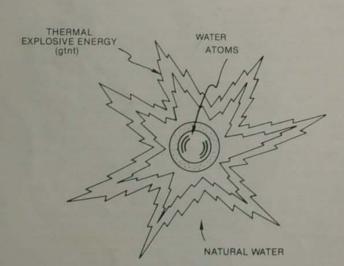
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WATER FUEL CELL



Hydrogen Fracturing Process

Second point-of-operational discovery: hydrogen "fracturing" causes energy to be released from water atoms under control means.

The Water Fuel Cell is being developed as a multi-energy system, supplying electrical, gas, and thermal energy simultaneously. Hydrogen fracturing occurs when an hydrogen injector is affixed to said fuel cell.

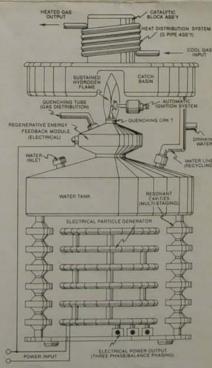


FIG B: WATER FUEL CELL

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