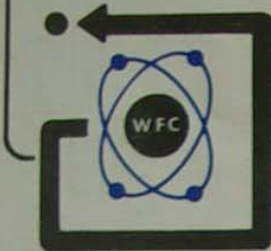


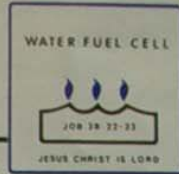
NEWS RELEASE

WATER FUEL CELL



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The Birth of New Technology

The Hydrogen Fracturing Process and related Water Fuel Cell technology

By Marcia Thompson

Stan Meyer's Water Fuel Cell System is getting closer and closer to reality. The Water Fuel Cell, which can control energy released from atoms of water molecules, will eliminate our need for fossil fuels for energy and will affect our lives in many ways. Cars, trucks, planes, ships, and other transportation forms will run economically on minimal amounts of water. We'll heat our homes and produce electricity with a Water Fuel Cell system. The military will use the Water Fuel Cell to fly its planes, operate its tanks, and power rockets. Industry will use the system in manufacturing, and you'll even find it in outer space providing the fuel to operate manned space stations of the future.

Since the last newsletter about the Water Fuel Cell which was released in October 1986, much progress has been made. All paperwork on the

basics of the Water Fuel Cell technology has been completed both nationally and internationally. The four-foot-high stack of paperwork mentioned in the last newsletter has now risen to more than nine feet in height.

The on-going process of developing the technology to bring the system to the marketplace has continued during the past year, always remaining consistent with the philosophy of legalizing each step to avoid possible attempts to keep the system from reaching completion.

There has been a break-through in the patenting process of the Water Fuel Cell Technology. The Resonant Cavity Fuel Cell, Electrical Particle Generator, Hydrogen Airdation Injector system, and related technologies technology has now received patent rights in Canada and is being patented worldwide. Canada has legally recognized the validity of the Water Fuel Cell technology and is



The Hydrogen Gas Injector Fuel Cell is composed of an Hydrogen Gas Gun Assembly placed on top of an multi-stage resonant cavities arranged in an verticle-array. The expelling "electrically charged" and "Optical Laser Primed" combustible gas ions enter into and pass through each Resonant Cavity in an sequential manner to aid and promote Hydrogen Gas production by way of the Electrical Polarization Process (dissociating the water molecule by way of voltage stimulating during amp restriction). The Hydrogen Gas Gun Module assembly destabilizes the electrical and mass equilibrium of said combustible gas ions still further by utilizing an Electron Extraction Process prior to thermal stimulation. **The Thermal Explosive Energy-yield is known as the "The Hydrogen Fracturing Process"**. Said Fuel Cell is design variable as to energy demand.

now releasing patents, paving the way for other countries to release the patents also, with processing being done in the U.S., Canada, Europe, and Japan, and negotiations occurring in other countries—all simultaneously. Nine out of Forty-two patents have already been issued in the United States alone.

Meyer is currently working with the military on a systems analysis of the Water Fuel Cell technology to obtain government contracts to bring the system to military application.

He has also just finalized the patents and paperwork with regard to the Hydrogen Fracturing Process in the United States and internationally. Preliminary paperwork is established for both, and in ensuing months, the paperwork will continue to its finalization. All research and development work has led to the Hydrogen Fracturing Process. This is the most important step for legalization, and product utilization.

Hydrogen Fracturing

The purpose of establishing the Hydrogen Fracturing technology which has been developed is to use energy from the atom to produce a system which would lend itself to mass production. Meyer is now in the process of integrating the Electrical Polarization Generator into the Hydrogen Fracturing Process. The Electrical Polarization Generator is in essence a gas battery which pro-

duces electric energy directly from the fuel cell gases without chemical interaction. The significance of the voltage is that it is a potential energy source, not consumed energy. The most significant point is that the influence of voltage has a phenomenal effect on the splitting of the water molecule and does it in a controlled state. Voltage from the Electrical Polarization Generator separates the water molecule economically by not consuming power. It's a new technology—bringing the water molecule into a liquid to gas ionization state, which in turn sets up the Hydrogen Fracturing Process of destabilization of the gas atoms to release their atomic energy. The process consumes very little power to accomplish this task.

The Voltage Intensifier Circuit patent development had to be fully developed to bring on the voltage phenomenon where very low energy is being consumed.

In conjunction with this development, a new Electron Grid Extractor Circuit has been fully developed to extend the operability of the Hydrogen Gas Gun technology, which sets up the hydrogen fracturing process. The Voltage Intensifier Circuit patent development and Electron Grid Extraction Circuit had to be fully developed to bring on the voltage phenomenon where very low energy is being consumed.

The Hydrogen Gas Gun Module stimulates and promotes gas atom destabilization by subjecting the moving combustible gas ions being expelled from said Resonant Cavity Fuel Cell to an higher energy state during the Electron Extraction Process. The Voltage Intensifier Circuit is interconnected with an Electron Extraction Circuit that draws off and electrically consumes the liberated electrons from said ionized gases. Optical Thermal Lens Nozzle placed on top of said Hydrogen Gas Gun triggers, sustains, and maintains the Hydrogen Fracturing Process on Demand.



What is this Hydrogen Fracturing Process? Since the Water Fuel Cell disassociates the water molecule by the stimulation of voltage, this voltage technology has now been applied to the Fuel Cell gas atoms to release their atomic energy. Meyer discovered that not only can the water molecule be split into its component parts, but it is also possible to separate the atoms of gases into their component parts by the same voltage stimulation, releasing a tremendous amount of thermal explosive energy from the atom under a controlled state. Under this process, preliminary tests show that energy yields of one gallon of water are predicted to equal that of 44,000 to 108,000 barrels of oil. The Hydrogen Fracturing Process is environmentally safe since the gas atoms are split into their component parts, releasing explosive thermal energy from the gas atom. The nucleus remains intact.

In conjunction to the Hydrogen Fracturing process of the Water Fuel Cell technology, Meyer is now working out systems mechanics of retrofitting the EPG system to the entire Water Fuel Cell system. The entire systems mechanics are now being integrated together into a package system which, when miniaturized, will lend itself to production. All of these previous steps have been necessary to ensure the system lends itself to the economics

The dual-voltage control unit utilizes Voltage Intensifier Circuits, pulsing laser circuits, and Electron Extractor Circuits to stimulate and trigger the "Hydrogen Fracturing Process" on demand. Said dual-voltage control unit is not only being used for patent processing requirements but also helps establish the operational design spec's of said Water Fuel Cell for production purposes.



of mass production with costs held down.

Beyond the Electrical Particle Generator (EPG) system, which utilizes a magnetized gas to produce electric energy, work is continued to be conducted on the Electrical Polarization Generator to optimize its operational performance, which is also required for mass production. The EPG system is now being prepared for design interfacing with the existing Water Fuel Cell technology.

To reach the maximum operational effect of the EPG system, several types of magnetized gases are being developed and tested. Meyer is also developing the technology to enhance the electromagnetic deflection of the gas to optimize the EPG system still farther. This development phase is now being considered for systems economics with regard to manufacturing techniques.

"Systems economics will determine the success of the Water Fuel Cell system in the marketplace," stated Meyer. "The objective is to have an extremely effective system which is cost-effective. We can't bypass this phase. It's essential. I've had to look at the tech base and ask, 'How can I do this the most inexpensive way to get the system mass produced?'"

What does the Hydrogen Fracturing Process really do for the system?

It destabilizes the mass and electrical equilibrium of the gas atoms, bringing them into a critical state. For energy utilization.

The electronics control system determines systems operation and efficiency and is part of the Hydrogen Fracturing Process. It complies with both U.S. and foreign patent requirements. It establishes electric circuit interfacing for the operability and efficiency of the Hydrogen Fracturing Process. In mass production, it will be reduced to a small, simple circuit component. The control system triggers the Hydrogen Fracturing Process and maintains control of it.

The Hydrogen Gas Injector Fuel Cell is comprised of resonant cavities (lower section) in a vertical array which splits water molecules into component parts by stimulation of a high pulse voltage frequency, setting up the resonant action. The liberated hydrogen and oxygen atoms and ambient air gases are stimulated from a liquid to gas ionization state prior to entering the Hydrogen Gas Gun, located on top of the resonant cavities. Gases are then allowed to go into the Hydrogen Fracturing Process. The thrust nozzle, located at the very top of the system, is an optical thermal lens affixed to the unit which triggers and sustains the Hydrogen Fracturing Process as to the flow rate of fuel cell gases. In mass production, the whole

unit forms the Gas Injector Fuel Cell. The complete unit will be reduced to an extremely light-weight, small-sized unit. The Hydrogen Fracturing Process is completely environmentally safe. There are no radioactive materials used in the process, and it applies to all EPA standards, plus safety, housing and highway codes.

The universal design flexibility of the system will allow it to be retrofitted, for example, to cars without changes being made to the engine. The design of the system can be altered slightly to be retrofitted to aircraft, such as the F-15 or F-16 without having to change the engine design or alter the structure of the aircraft. It can be attached to the fuselage.

"This means that the military could literally fly tactical aircraft with full armament on ordinary water," states Meyer. "The system can also be adapted to naval vessels. The system can be readily adapted to use under the seas as well as in the farthest realms of space."

The thrust is to get the system into the economy as well as into military and government applications simultaneously. Meyer's main argument to the military and government is this: "Without a healthy economy, you won't have a government, without a government you won't have any military. I propose that all facets of the economy work in one accord to get the technology into the

economy quickly. There is no other choice."

Military applications

Contractual agreements are being set up so funding will be made available for design teams to create Water Fuel Cell systems to retrofit to existing types of energy systems.

"Bring us the hardware (planes, tanks, etc.) and our engineering task force will translate technology into a retrofit system," says Meyer. "Every time we finish a design of a system, it will have a retrofit kit. We'll train military personnel to install it. From that point on, Water Fuel Cell will be the vender to the marketplace."

Finances for military development of the system will be derived from the military itself as well as private industry and will be used to manufacture systems for the marketplace. Meyer expects it to expand internationally and will also seek funding for future development of the Water Fuel Cell technology for new weapons systems and retrofit concepts.

"What this all means is that the military can continue to operate despite a shut off of oil from the Mid East or from any other countries," said Meyer. "However the Water Fuel Cell system must be expanded throughout the economy."

Development Center proposed

Plans have been developed for a 351 acre complex, the Water Fuel Cell International Product Development Center, to be located in Central Ohio, part of a five-phase development process.

Phase I will house Engineering and Management teams which will coordinate development of the system in several areas at once, including the main initial thrust for designing systems for home heating and electrical generation systems and systems for generating energy for use in cars. At the same time, development of energy systems in farming equipment, other forms of transportation, aviation and space applications, and naval applications will be developed at the same time, using much of the same procedures. Why have this multiplicity of develop-

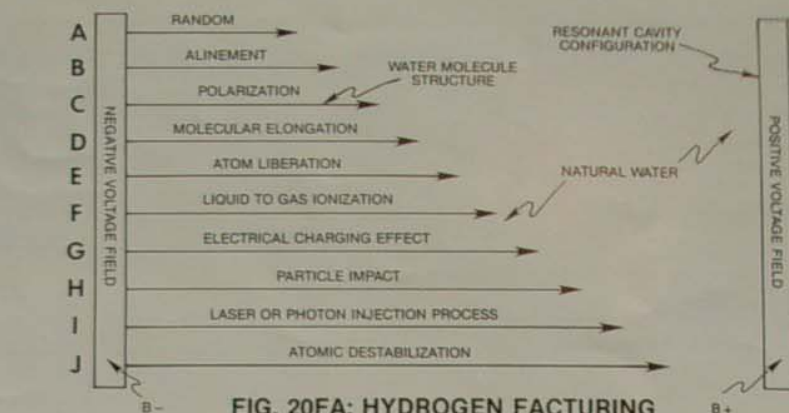


FIG. 20FA: HYDROGEN FACTURING PROCESS PRIOR TO GAS IGNITION

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By simply exposing the water molecules to an high intensive voltage-pulse while being "Optically prime" by an pulsating laser or light source, the Water Fuel Cell gases (hydrogen, oxygen, and ambient air gas-mixture) become highly energized combustible gas ions prior to thermal ignition. The Voltage Intensifier Circuit aids and promotes the gas ionization state by preventing electron replacement during pulse-voltage deflection.

ment at the Center? Meyer feels there must be development in all areas to solve the need for a new energy source quickly and the move must occur simultaneously.

"The advantage to the set up of the Design Development Center is that as you get into retrofit systems, you can solve problems in other areas at the same time. The technology can translate to other areas. When a better way to do something is found, that can be implemented in the other areas of development quickly. We're not talking 15-20 years before you see a Water Fuel Cell system in use.

"The power-yield per gallon of water exceeds 44,000 barrels of oil."

We're saying that it can be done in 18-24 months after the process is set up and the Center comes into being. Sometimes when technological development takes place, it takes years and years to get it to the marketplace. An example would be the plastics industry."

A technical task force will develop the technology. When it's designed for retrofit, other industries will be involved in producing the parts.

"It's not a small entity we're

talking about," says Meyer. "New technology can revolutionize the marketplace overnight. It's not limited to one particular aspect of industrial need. There's nothing this technology won't touch. You know how computers and lasers have touched all aspects of the scientific community. The same thing will happen with the Water Fuel Cell technology. The need for a new energy source is without question. We're at the brink of world economic chaos right now. Countries are willing to go to war to protect their oil reserves. Time is of the essence, especially since oil pressure in Mid East reserves is dropping at a faster rate than in reserves in the United States."

Ground-breaking to begin

Meyer says ground-breaking for the Center will occur this fall. He estimates it will be a period of 3-5 years before the Center is fully developed. An estimated 600 highly trained technicians will be hired initially, with more than 5000 persons working at the facility when it is in full operation. In production phase, Meyer estimates a work force of nearly 450,000 throughout the U.S., including other manufacturers who supply parts.

The multi-million dollar facility will be funded through state and federal funding, both industrial and private funding, and grants which Meyer is now seeking. Profit sharing will also be another way to provide funding for

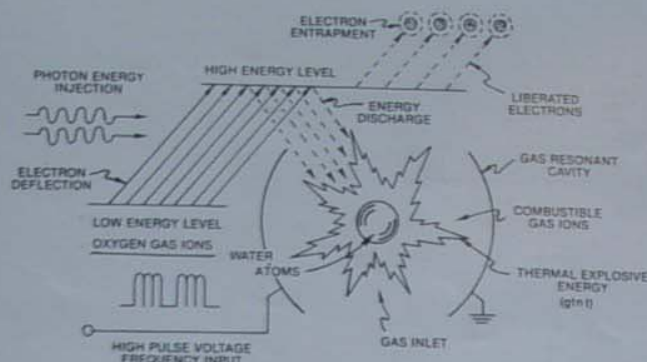


FIG. 20G: GAS RESONANT CAVITY

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The point of thermal explosive energy-yield is reached when the electron deficient oxygen atom (having less than normal amount of electrons) locks onto and captures the hydrogen atom electron prior to and during thermal-combustion stimulation. The hydrogen atom decays and separates into its component parts. The missing electrons are drawn away from said Gas Resonant Cavity (Hydrogen Gas Gun) and electrically consumed during The Hydrogen Fracturing Process. The thermal-explosive process is totally and completely environmentally safe since the atomic components remain intact. Said atomic energy-yield exceeds 44,000 barrels of oil per gallon of water under control state.

the Center. Five percent of all profits after the Center is developed will go to financial investors on a yearly basis. Profits will be shared by investors according to their dollar investment. Large investors will receive much more of a financial reward, but the plan is set up so small investors can also participate.

"The reason for doing it this way is to avert outside foreign intervention from takeover," states Meyer. "The period of non-profit should be short."

The high cost of research and development has been absorbed by Meyer over the past 12 years he has been working on the Water Fuel Cell system. He began working on the system in 1975 and has been working on the hydrogen side of the system since 1980.

"There would have been an extremely high cost to develop this tech base in industry, maybe as much as \$350,000,000, and it might have taken as long as 25 years just to develop the Hydrogen Fracturing Process alone, which took me a little over five years," says Meyer. "By developing the technology myself and keeping down overhead costs, I've been able to bring the system in with less than \$1,000,000 since I began working on it in 1975. This includes all legal fees both national and international, the biggest part of the cost. I've done development work in many tech bases to bring the Hydrogen Fracturing Process into practical operating form. I've spent \$375,000 on it, and I have the invoices

to prove it. That's a fraction of what it would have cost to develop through industrial means."

Meyer said the government spent over a billion and a half dollars to set up a scientific team in the Midwest to research all advanced technology to come up with an answer to our escalating energy problems. "They fell flat on their faces," he says. "Their final result was that they could find no viable answer to the energy problem." His ability to do so has been a combination of creative thought and a businessman's approach. Meyer used to work for a multinational research entity and has experience in a variety of technical fields.

"Regardless of the dollars available for research and development, it all comes down to creative thinking by an individual," he says. "It's a gift from the Lord. You work harder when you get a little hungry, and we in the United States are facing starvation as far as fuels are concerned. For example, if energy sources become disrupted, we have only a 27-day supply of food here in the United States before our food reserves will be consumed. Then where will you get your food? It's a startling realization—that if oil supplies are cut off, basic needs cannot be met. The real key is to provide a technology capable for the industrial base of the country, as well as military and governmental sectors, to supply our needs. It must be done in a unilateral movement."

With the ever-shortening availability of oil and other fossil fuels worldwide, Meyer feels that if a new energy source doesn't come into the economy quickly, whether it's the Water Fuel Cell or something else, our country, as well as other countries dependent on oil, will be fragmented and war will occur.

Another related problem is the growing need for fresh water supplies throughout the world. The Water Fuel Cell technology can be adapted to desalinization processes so fresh water can be obtained from sea water. Preliminary designs are being developed by Meyer which would allow a conversion rate of 10 million gallons per hour. He's been contacted by countries such as Egypt and Peru, and even states in the U.S. who have an escalating need for fresh water.

"Water is free energy," says Meyer. "It can be produced economically through the Hydrogen Fracturing Process which can be readily adapted to desalination processes. Before, large amounts of water couldn't be converted because of the lack of cheap energy."

Other applications will be considered and evaluated in other areas as the Water Fuel Cell systems go into the marketplace.

"It's only limited to man's ability to put it to work," says Meyer. "Development will probably occur in areas we've never even thought about before. Just look how fast computer and laser developments occurred. The Water Fuel Cell system has that same capacity. It's kind of hard for the high tech people to swallow—that a man in a garage in Grove City, Ohio could develop the entire technological base on such a shoestring budget. The next challenge is to bring it into the economy quickly and economically. The next few months should be quite exciting."

To attend a dealership seminar, please call (614) 871-4173 for scheduling information. Informational request should be mailed to Water Fuel Cell 3792 Broadway Grove City, Ohio 43123.

PROPOSED WATER FUEL CELL INTERNATIONAL PRODUCT DEVELOPMENT CENTER



PHASE I and II

The proposed Water Fuel Cell International Product Development Center is being planned to cross-link the Water Fuel Cell Technology between the military, industry, and the private sector, simultaneously. Engineering design teams will translate the Water Fuel Cell technology into retrofit energy systems that lends to mass production. Industrial and military personnel will help make up our Technical Staff. Technical productivity will also be extended into the international market place. Ground breaking is scheduled sometime this fall.

Water Fuel Cell Investment Portfolio
Phases I & II

Proposed
WATER FUEL CELL
International
Product Development Center

Executive Director:

- 1) VIP Area
- 2) Central Operating

Engineering Design Facilities

- 3) Electronic System Controls
- 4) Mechanical Engineering
- 5) Home Electrical
- 6) Water Purification Systems
- 7) Marine Applications
- 8) Auto
- 9) Trucks
- 10) Grain Drying
- 21) Space Deployment
- 22) Research & Development Lab
- 23) Research & Design
- 24) Light Industrial
- 25) Heavy Industrial
- 26) Rocket Propulsion Design Group
- 27) Material Assessment Group
- 28) Naval Design Group
- 29) Naval System Design Group
- 30) Naval Control Assessment Group
- 37) Quality Control Assessment Group

Engineering Support Facilities

- 11) System Packing Specialists
- 12) Machine/Metal Shop
- 32) Testing Complex (A)
- 33) Testing Complex (B)
- 34) Testing Complex (C)

Recreational Facilities

- 13) Sports & Game Center
- 14) Cafeteria & Coffee Shop
- 15) Swimming Pool
- 16) Health Bar
- 17) Basketball Courts
- 18) Tennis Courts
- 19) Park Area
- 20) Cultural Arts & Entertainment Center

Data Processing Facilities

- 29) Telecommunication Center
- 30) Video Documentation
- 31) Technical Writing

Transportation Facilities

- 11) Railroad
- 35) Airplane
- 36) Air Traffic Control Tower
- 40) Helipad
- 41) Trucking