

# Water Fuel Cell

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## Scientists examine Water Fuel Cell

By Marcia Thompson

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Stan Meyer, Grove City resident and inventor of the Water Fuel Cell, a means of obtaining energy from water, has been working for over nine years on the development of the technology base, the processing of patents, and now the pre-engineering designs for a system which could well solve the energy problem of the world.

"It may seem like a long time to outsiders, and people would like to see things move forward faster than they have in bringing out the Water Fuel Cell system on the market place," said Meyer, "but it has really been a short time compared to industry standards."

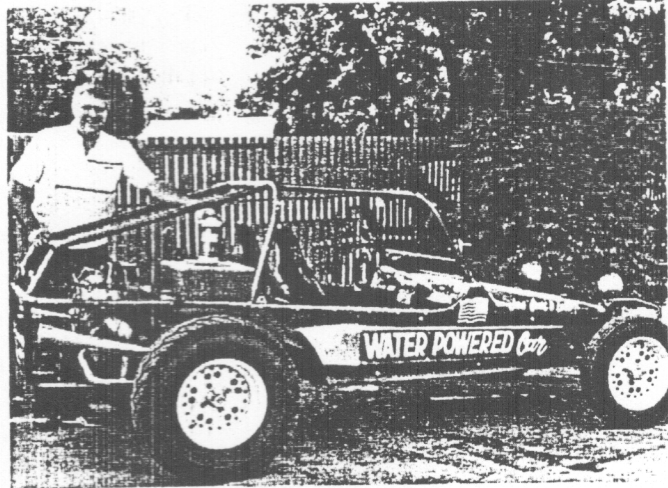
He explained that normally it would take about 25 years and about \$ 250 million for an industry - such as one of the big car manufacturers - to complete such a system from beginning idea or concept to patented manufacturing of the finished product.

"We've done it in nine years with a total cost of legalizing the Water Fuel Cell tech - base of just under a million dollars," he said. "The cost of the pre-engineering for the dune buggy is about \$ 150,000." "Industry cost to perform the same design work about \$ 10 million.

"The two questions I'm asked most are: "How much will a retrofit system cost that will allow my car to run on water?" and "How fast will you be able to get this system on the market?"

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Stan Meyer is shown with the water-powered dune buggy which is now being equipped with a pre-engineered WFC hydrogen injector computer system that runs the car efficiently on water

"In reference to the first question, the cost of the retrofit system - that will be designed to fit all existing cars, by the way - will cost about \$ 1,500 once it's in mass production," said Meyer. "Secondly, we're estimating that once mass production molds are made, we'll be able to produce 11,000 units per 24 hour period. We're looking at 18-24 months before production units are out the door and on the market."

## Dune buggy to run on water

Meyer said that if things continue according to plan and there are no technical blocks that interfere, the dune buggy cas fitted with the Water Fuel Cell system will be brought out in mid-June of this year.

"This is subject, of course, to whether all the legal paperwork is certified and registered and whether the system has gone through all the necessary national security checks," said Meyer. "It would be a great injustice to the people of the world to say that we have the technology and the process, but we're blocked from bringing it to the marketplace because of a legal technicality. That's why my number one objective has always been to legalize all the technology and my number two objective is to insure all development rights."

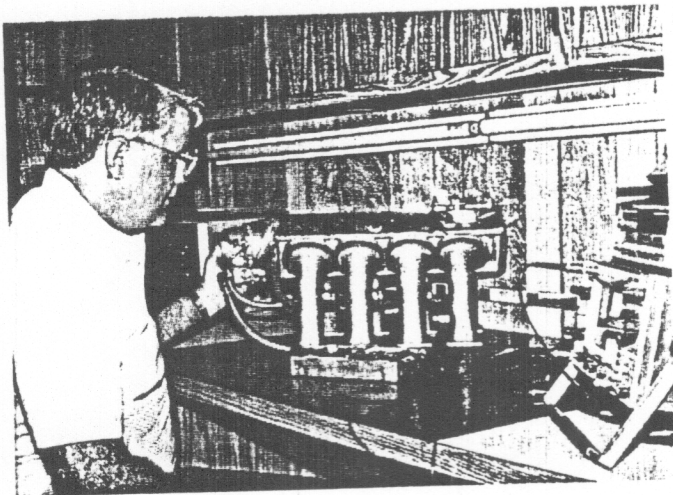
"The tangibility of the technology has already been accepted in the scientific world," he says, "and now we must show it in a way that interests the general public. That's where the dune buggy comes in."

"The dune buggy is our 'lab on wheels'," said Meyer, "For everything that's developed for it, we're de-bugging the system as it's brought out, then the circuits are miniaturized. We're using the highest state of the art to develop system for this car, yet certain parts can be made for as little as \$ 2 or \$ 3 in mass production. We're continually testing the performance reliability of this pre-engineering unit. It is very complex, very high-tech development."

The next step from there is mass production. The 18-24 month prediction time may even be accelerated by funding that becomes available - as long as there are no control mechanisms attached. Meyer says he is dedicated to what he's doing and that he's turned down billions of dollars offered to him because "I won't have the Water Fuel Cell technology controlled by an outside influence. Once I complete all the patent and design work - something I have to do myself - it will be easy to have engineers take that technology and design energy retrofit systems."

"I'm known better internationally than I am locally," Meyer said. "I'm in constant contact and negotiations with many officials and countries throughout the world, You'll see an increase in the number of important military and political people coming in and out of Grove City in the next few months as development continues."

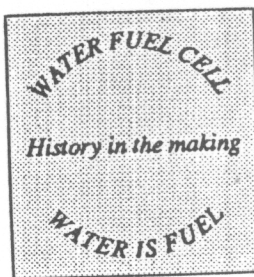
### Meyer speaks at S.A.F.E. symposium: technology is introduced to World's scientific community



Calibration testing is now taking place on component circuit designs which make up part of the patented WFC hydrogen injector computer system

Meyer was featured in the January / February 1990 issue of "Raum & Zeit," ("Space & Time") a German magazine. He presented an address to over 1,800 top energy experts of the world at the Symposium on Free Energy (S.A.F.E.) which was held in late October in Einsiedeln, Switzerland.

"It was a very prestigious event," he said. "Scientists from all over the world release their papers here. The symposium is only held once every four years. The purpose of the symposium is to strive to solve future energy problems. My Water Fuel Cell technology was the only viable answer presented and has become a topic of world discussion. When I saw all those brilliant scientists at that meeting, I asked the Lord to help me touch their hearts, It's not Stan Meyer that's doing all of this - it's the Lord working through me. I received tremendous ovations and lots of inquiring about the system. Speaking at this symposium has introduced the Water Fuel Cell technology to the scientific communities of the world."



As the technology has been going out to the scientists, it has also led to negotiations with other countries - such as England.

Admiral Griffin, a leading expert in the field of hydrogen applications for the United Kingdom and Past President of the Royal Institute of Naval Architects, has talked to Meyer about the Water Fuel Cell technology and its applications.

"England is faced with a tremendous problem," says Meyer. "Their main oil supply is in the North Sea, and pressure there has dropped by one - third. Oil pressure in fields owned by Arabs has also dropped significantly. England thought their oil supplies were secure, but they're finding that they are not. They're being forced to shut down nuclear power plants, and that's creating a dilemma."

A written statement made by Admiral Griffin to the Royal Institute of Naval Architects conference held in London on November 14th and 15th stated: "Of all the systems suggested as viable ways to produce hydrogen as a fuel source, Stan Meyer's Water Fuel Cell technology promises the means of both generating hydrogen and universally applying it. We should urgently make serious inquires."

Dr. Hans Nieper, leading director of the world conference on free energy (S.A.F.E.) and a leading consultant / expert in the field of energy, has released a 14 page report on the Water Fuel Cell technology and what its release would mean to the economy.

"The key to negotiations is to define aspects of the Water Fuel cell technology and determine on 'how' best to secure that technology to go into other countries," said Meyer. "We're now doing system engineering. All patents up to now have involved the 'what' - the development of the technology and the process involved. Now the 'how' is taking place as we design systems to apply to mass production."

Meyer says the pre-engineering designing is a critical stage. He is currently preparing a 400-page legal document and has recently battled Japan in reference to the world patenting process - and won.

"They were trying to knock out the technology by keeping it tied up in courts for years to control it worldwide," he said. "There are loopholes in the U.S. laws and loopholes in the international laws. I was able to counteract that by resubmitting applications. Now that Japan has complied with the Patent Cooperation Treaty Act to allow refiling of applications for patent allowance, they've started to issue patents in Japan. The amazing part to me is that I've had to become a linguist as this technology has developed. I receive correspondence written in Japanese characters, in German, and in other languages. It's fascinating.

"The Water Fuel Cell technology in the wrong hands could be a curse to the world instead of a blessing," said Meyer. "Economies could prosper - or could be destroyed."

So far, I've accomplished releasing the technology to the world without it being manipulated or controlled."

### Water Fuel Cell technology has military applications

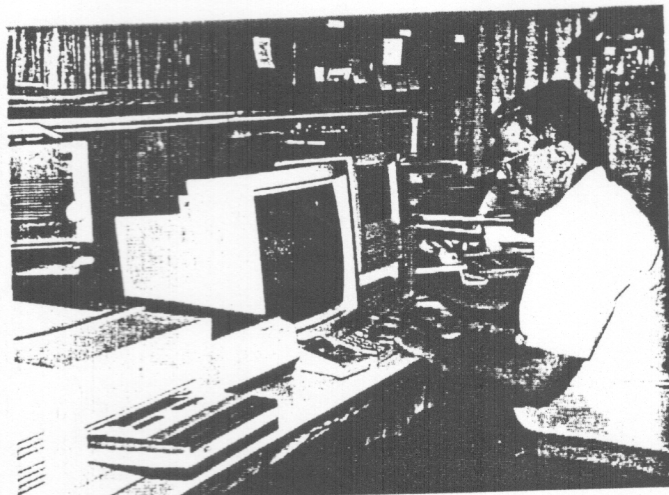
Meyer expressed concern over certain current events happening in the world that points up the need for an answer to the energy problem. He says that Europe is a potential power keg which could result in World War III in the future.

"Russia is vexing over the fight for freedom, and the Soviets would like to mobilize to reinstate control. Nato forces are threatened. We're down to a 1 1/2 day supply of fuel to fight a war, and everybody knows it. The country that controls the fuel supply will be dominant, it's my personal opinion that Sweden will determine whether we go into World War III or whether the economy is stabilized by the Water Fuel Cell technology."

He explained that Russia wants control of Sweden for strategic areas for easy deployment of both nuclear subs and ground missiles to any place in Europe.

"The lack of oil supply in Europe is setting up a pre-condition for World War III," he maintains. "When we're down to less than 1 1/2 days supply of fuel, the United States won't be able to back Sweden up in defense,"

To defuse this possibility, Meyer is presenting the



Stan Meyer is shown in his office-lab preparing legal documents needed to comply with the patent cooperation treaty act (PCT) prior to public inspection of the water-powered dune buggy.

Water Fuel Cell technology to Scandinavian countries and their leaders. Water, including sea water, can be used as a fuel source, and they can therefore defend their programs.

"It's a matter of military strategy to be able to retrofit the technology to military hardware," he says. "Nato countries must remain strong to avoid World War III."

Meyer said that military projects are being pursued but that kind of information won't be released to the public unless it clears national security of this country as well as other.

"In this little lab in Grove City, we're dealing with international strategies and problems and trying to use Water Fuel Cell technology to diffuse a possible military destabilization," Meyer said. "Countries will continue to fight over energy sources, and 'War Brokers' will continue to keep areas of the world stirred up so they can make money from supplying war equipment."

### Pre-engineering plans are developed

Meyer says that now is the most critical stage in the development of the Water Fuel Cell for him.

"We have the technology but must also control the design rights as to how the system is being developed or it won't get to the marketplace and could be blocked worldwide," he said. "I've had to be more than an inventor...I'm also a business man and negotiator as well as an engineer."

The pre-engineering stage of the development involves taking the technology and designing systems that can be converted quickly to mass production - such as designing a computer injection for the car, a digital laser accelerator control, electrical design interfacing that can be used for several applications other than the car

(including a home heating system), and making these retrofit systems fit existing cars, trucks, planes, etc.

"The systems are revolutionary in the design process," said Meyer. "The circuitry being developed has never been in existence before. The designs are being debugged one step at a time as we progress, and we're now at the final stages of this development - dealing with a mixture of the gases to maintain maximum efficiency."

"The designing and on-site plans are also taking place now for the high tech design center to mass produce the system will be located in Ohio.

Meyer said that after the pre-engineering project is completed, the technology will be presented to 146 countries at an international symposium, which may possibly be held in Sweden - "hopefully by the end of this coming summer." Several such seminars are planned - one for top military leaders, one for government officials, one for the press, and one for people interested in the Dealerships and business end of manufacturing the system.

### Indy car plans continue

Plans continue also on the Indy 500 race car which Meyer hopes to develop.

"It's too late this year to present the Indy car because of processing the international patents," he said. "I have two or three sponsors lined up, and the Indy car is targeted for 1991 to race in the Indy 500 and the Grand Prix.

"The Water Fuel Cell is a viable answer to the world's energy problem," Meyer said. "I'm doing all I can to make it available as soon as possible to the people of the world. A lot has been accomplished, and there is more to go, but with the Lord's help, it will all come together in the near future. □

### WFC Dealership Information

To attend a dealership seminar, call (614) 871-4173 or fax: (614) 871-8075) for scheduling information, or mail information request to Water Fuel Cell, 3792 Broadway, Grove City, Ohio 43123.

A Water Fuel Cell technical brief Titled "The Birth of New Technology" which briefly explains the Electrical Polarization Process on how to use water as a new energy source is also available upon request for \$20 dollars to cover printing and mailing cost in the U.S.A.. Foreign mailing requires \$ 4 dollars extra.

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### Patents granted to date

Number	Title & Country
4,389,981	Hydrogen gas injector system for internal combustion engine (U.S.A.)
4,613,779	Electrical pulse generator (U.S.A.)
4,421,474	Hydrogen gas burner (U.S.A.)
1,231,872	Hydrogen injector system (CDA)
1,233,379	Hydrogen gas injector for internal combustion engine (CDA)
1,228,833	Gas electrical hydrogen generator (CDA)
1,227,094	Hydrogen/air & non-combustible gas mixing combustionsystem (CDA)
4,613,304	Gas electrical hydrogen generator (USA)
1,235,669	Controlled hydrogen gas flame (CDA)
4,275,950	Light-guide lens (USA)
1,234,774	Hydrogen generator system (USA)
3,970,070	Solar heating system (USA)
1,234,773	Resonant cavity hydrogen generator that operates with a pulse voltage electrical potential (CDA)
4,265,224	Multi-stage solar storage system (USA)
1,213,671	Electrical particle generator (CDA)
4,465,455	Start-up / shut-down for a hydrogen gas burner (USA)
4,798,661	Gas generator voltage control circuit (USA)
4,826,581	Controlled process for the production of thermal energy from gases and apparatus useful therefore (Hydrogen Fracturing Process) (PCT)
PCT/US89/02622	Process and apparatus for the production of fuel gas and the enhanced release of thermal energy from such gas (Electronic interfacing for the Hydrogen Fracturing Process)
allowed	Controlled hydrogen gas flame (EPO)
allowed	Controlled hydrogen flame (JPO)
allowed	Hydrogen gas injector system for internal combustion engine (EPO)

Other U.S. & Foreign patents pending

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