

----- Original Message -----

From: [Robert Bailey](#)

To: [Howard W. Malone](#)

Sent: Monday, July 30, 2007 9:22 AM

Subject: Re: Hydrogen power for your car

Howard, I believe I have "SOLVED" the Clem engine.

I will send you a diagram.

This is getting so interesting.

Clem may have discovered a new form of turbonic Stirling engine. One where the oil spray chamber alternately is heated at high pressure then cooled into a vacuum!

Standard Stirling engines do not work this way!

The Clem impeller (cutoff edge torque converter) may first be a turbine in a partial vacuum and then an impeller in a high pressure chamber.

Howard, if you continue to pump oil into a sealed chamber it will loose volume and compress like a piston air compressor, the inertia is from the turbine becoming a "FLYWHEEL"...then the piston pushes away through a one way valve into a cold reservoir tank.

Next Howard, the piston continues to fall (oil liquid piston) until a partial vacuum forms in the chamber and the impeller becomes a turbine once again!

The input oil is cold so it implodes the chamber air!

This starts the liquid piston resonance all over again...I will send you a working diagram.

Howard what is the power source???

COLD WIND BEING DRIVEN PAST THE OIL COOLER RESERVOIR!

Howard its like plucking a guitar string at the precise phase moment. The engine temperature can easily hit 300 degrees because it briefly becomes a compressor as the impeller input exceeds output and raises the height of the internal oil piston!

Its a go idea, but as usual I have no one to assist me in its construction....unlike a standard Stilrling engine the primary tank that houses the turbine/impeller both heats and cools resonantly....OH WHY HAVEN'T I SEEN THIS BEFORE!!!

It literally is a turbonically assisted Stirling engine in a whole new class by itself.

Howard all you need to power it is a "COLD WIND" blowing past the oil cooler!

The environment provides that free of charge.

Howard I weep at all of the lost opportunities we've had over the years because we never had a lab to work out of in Tulsa and now its too late!

Want proof of what I say?

There is a man on the internet making a 100 Mph electric car!

All he did was place a "DUCTED TURBINE" in the center of his car. The turbine duct goes to a tapering cone from the front grill or standard intake area used on an internal combustion engines radiator (just as Clem did!).

The turbine is spun up by external wind....this recharges an electric battery continuously as the vehicle goes down the road, that then drives an electric motor.

Howard look it up....I have long desired to build an electric car with a built in wind charger integrated into the roof or pickup bed.

Howard this man did it and it works! and so did Clem with his cold oil implosion engine....SAME EXACT POWER SOURCE....RANDOM WIND PICKED UP WHILE DRIVING THROUGH THE FRONT INTAKE RADIATOR GRILL!

A violation of the laws of physics you say? You can not generate wind energy and use it at the same time to drive a vehicle forward.....Yes Howard, but if the wind is blowing from the side or even if you just sit on the side of the road and recharge...there is fundamentally "NO" reason this will not work every time. Land yachts can go 4 times faster then the wind they are in!

Howard why can't you use a "LAND YACHT" on the free way??? (saw one on CHIPS once accidentally go down a free way as our police bikers chased him...very funny until he got the ticket from Ponch!)

Because Howard a Land Yacht has to tack and swerve as the wind blows against its tall sail (never get that under a bridge my friend)

You see Howard if your going to use wind power on the "FREE WAY" you must have an unobtrusive turbine completely isolated from the external environment!

This genius on the internet found a way and the amount of wind energy flowing through his internal ducted wind turbine is substantial! Ten to 50 thousand watts!

It is very important exactly how the wind energy "VENTS" from the car. It can vent through slits on the roof or even under the gap between the chassis and the pavement....

I'm so sad Howard we don't have an electric car to try this on...Your in another state now...I could build a wind turbine like that in just one weekend but require the rechargeable electric car to stick it into...CHILD'S PLAY!

Clem utilized this same effect...only he also had the advantage of heat from the oil turbine piston combination to induce an updraft....through the oil cooling intake radiator.

Howard think of it as if your car was being powered by its own wind driven radiator fan...The Repulsine adds complications to this because of its clapping plates that respond to changes in temperature in ways a simple ducted wind turbine can not!

Is there any reason we can't do this?

YES! it's called the "FEDERAL GOVERNMENT"!!!! they are a little known body of self-serving fat cats and social engineers that create so many regulations for automobile safety (not all misguided of course...crash worthiness, seat belts etc.) ,that such a wind recharged car though possible and practical will take 50 years to ever see a public road...Howard that is "ALSO" because our government protects lobbyists that represent the internal combustion car!

Howard we could at least run one on a "PRIVATE TRACK"! I am an expert in wind energy...I tell you this ducted turbine electric car is genius...the turbine does not "PROPEL" the car...it only recharges its batteries to run a secondary electric drive motor.

You see Howard our government will "KILL IT" , even if it passes all the safety testing (and that takes 20 years by my estimation of bureaucratic red tape)...it would make fossil fuel powered vehicles obsolete and also would not require hydrogen fuel cells and hydrogen pumping stations...BUT HOWARD THAT IS NOT THE AMERICAN WAY...THE BIG INDUSTRIES HAVE TO CHARGE US BY THE MILE!....even a wind powered car (one requiring only a ducted wind turbine and no giant sail on a mast..) would eventually be charged a "WIND TAX"!!!!

How sad the Lord did not give us a lab to build such wonders while we still had the time. The government can not tell us what to do on our own private property (in most cases), at least we would "KNOW" it works...

Is the Clem engine better than using an internal chassis ducted wind turbine generator???

Yes, it's based on thermodynamics as well as simple kinetic wind energy.

Is the government suppressing this simple wind re-charged car???

The man claims it will go 100 (and I believe him)

Howard, the powers that be want us to "PAY" for every mile we go on the free way...not just tolls (after all free ways require maintenance)...they also want our "FUEL" to cost us something too!!!! Ethanol is a joke...it costs more to make it than the mileage it delivers!

At least the powers that be could charge you for Ethanol...They can also charge you for "HYDROGEN" to re-charge your fuel cell...

But Howard they can not charge you for the wind!!! (yes they can tax you by the mile)

Howard, it is a fundamental fact that a wind turbine produces drag proportionally to the power being produced...there is a cube law at work here.

So theoretically the wind re-charged car would experience drag while under way defeating any value derived from forward motion by its wheel drive motor....Add to that natural generator and friction loss of the car itself and the idea seems worthless...unless you're in a 100 mph wind...

But Howard that law does not apply to cross winds...land yachts can easily reach 90 Mph...Yes they require tall masts and large sails...(I am a sailor who has sailed every sail boat there is, both on and off the water)

At the very least this turbine car would recharge on the side of the free way...but Howard that is where our government would "STOP" us cold for safety reasons....A car can not stop and start all the time on the free way....it might require alternate energy lanes!!!

The builder of this self re-charging car claims no such stopping or starting while on the free way....That my friend is why we would need an independent test track of several miles to test drive it on...

I can see the congress strangling this mans remarkable wind re-charged electric car with a single vote!

Howard...these people are not our friends...they want total control over our lives...but at least we would know if this claim of a self recharging ducted wind turbine car (something I know all about from my years of hover craft building) is "EXAGGERATED OR NOT"!!!

Sorry Howard...this is one time I wish we could have built that lab on enough acreage to pave a test track!

I will find you the car on the internet... and send you the working Clem engine diagram I am testing....its dangerous the oil reservoir the turbine sprays into can pressurize up to 200 PSI...that is why I am attempting to build only small models of this unique turbonic Stirling engine...commonly referred to as a Clem engine.

The ducted wind turbine electric car is not a myth...its a reality!....it will "NEVER" succeed in America...our government will say it either isn't safe or violates the laws of physics...you can not stop and start on the free way to recharge a battery!

I still wish we had one to test on a private road!

We could even place a nose fairing over the ducted re-charging turbine intake that would close while at cruising speed...then there is "NO" physical law against doing that....

Once more our government will leave a fuel free car in the hands of big corporations(the ones with all lobbyists) , they would then find a way to charge us by the mile...big corporations absolutely do not believe in anything being free to its consumers!

Don't believe me, we are paying several dollars for a bottle of water!

We all know water, unlike gasoline simply falls from the sky!!!! (you can't get any cheaper then that)

Then why are we paying for something that simply falls from the sky????

Because Howard they purify before they put it into a plastic bottle...

Why do they purify it???

Because they "POLLUTED" our air making the plastic bottle !!!!

Howard....unless society makes a radical and sweeping change in its view of the environment in relation to big auto industry among other things, we will "NEVER" drive fuel free cars!

Look we know that solar energy is 1000 watts per meter with only 10 to 20 % percent efficiency...they require a bright sunny day and are limited to only 1000 watt continuous running motors....That is not much more than a tandem cyclist.

You see Howard wind energy can be far more potent...in the 10 to 50 thousand watt range...(my own research indicates far more than that, but I am only referring to "STANDARD" wind turbine power plants that could be mounted inside a car, so called off the shelf wind turbine technology)

Howard I guarantee you wind power has not been looked into for re-charging an electric car in America...People always think of tall impractical sails and masts, just like the "CHIPS" episode with the run away free way land yacht or Howard they think of "GIANT" turbine blades spinning in the wind above the car!!! YES HOWARD...they have every reason to deny such an unsafe vehicle access to any public road way...it is ridiculous to generate wind energy with a large external spinning propeller or 30 foot sail and mast pole!!!

No serious university is looking into this mans claim of a much safer "INTERNAL" ducted fan turbine recharging the electric cars batteries.

Or an oil cooled Clem engine such as the design I am working on (simply a turbine based Stirling engine)

There's the Repulsine in addition to that...it can operate under a car hood.

Howard my own wind energy research is far too advanced.... they would never allow it on a free way...only a missile testing range, my understanding of wind energy power plants goes back to the 60's.I designed dozens of portable wind mills...I showed them to my professors at T A&M in the late 70's and 80's.

It was not long after that I discovered the convection engine...but that is "WAY" over there heads...this idea is not.

If you ever find the time, look up the internal ducted fan electric wind powered car....IT IS A VERY IMPORTANT SOLUTION!!!! Primitive yes....but practical....it can be done right now...I am still looking for exotic ferromagnetic metal alloys to make my thermo magnetic wind generator practical...I think we know who has that metal in stock and they are not about to share it or even reveal it exists....

I will send you a complete diagram of my Clem engine model.

The fellow who designed the ducted wind turbine electric car is patenting his design and will be stopped by the endless government bureaucracy that stifles all such free energy car designs (some of that is from big auto manufacturing lobbying as well as petroleum companies...they do not want a free energy car at this time on the road)...our government is a sea of corruption and closed room deal making....The only people who do not believe that are the bribed congressmen and there lobbyists who bribe them...its a snake pit, a sea of evil...comparable to ancient Rome before it fell from its own corruption!

On the other hand its great to be an American!!!

Howard if we do get a wind re-charged car on the road in a few years (the car already exists),it will be proof positive to me that America is still a country for and by the people!!!....if not, I'm afraid that greed and corporate corruption of our congress has destroyed all our Revolutionary War ancestors fought and died for...(my relative who served under George Washington, last name was "AMOS")

Look that wind re-charged car up...its claimed to go 100 Mph! It uses "NO" external turbine blades or sails to re-charge its batteries.

There only objection could be it stops and starts on the free way too much, unlike petroleum cars...They will also claim it violates the laws of physics since a car can not generate and use energy at the same time without defeating its own purpose...in other words it would use more then it generates...a basic conservation of energy law as it relates to a motor turning a generator that in turn turns the motor....or that it has "TOO" small of a cross section (front radiator intake) to generate more then a few hundred watts, unless its in a 50 to 100 Mph wind all of the time...and that wind can not be from its own forward motion...there's that motor running a generator, running the motor thermodynamic paradox again...you simply never get back from the generator what you put into it in a closed system. But Howard the free way is "NOT" a closed system...there are thousands of miles of road way being blown constantly by external winds!

Either way if this mans car proves to be for real...the big powers that run our country will "STOP IT" claiming it is un safe on a public road way or violates the cherished laws of physics...America is the worlds biggest CO2 polluter and we do not care!!!

We are altering our environment in just decades,that nature would have required millennia to do naturally....

WE HAVE NO EXCUSE FOR NOT INVESTIGATING THIS MANS DUCTED WIND TURBINE CAR AS A PEOPLE OR A GOVERNMENT!!!!

It should at least be test driven at a major university and the results published for all to see, without government censorship!

Or we really are living in a Totalitarian police state run by a handful of corrupt bureaucrats and traitorous corporate lobbyists.

GEORGE WASHINGTON, BENJAMIN FRANKLIN, THOMAS JEFFERSON WHERE ARE YOU!!!!

We want a fuel less car and we want it now!

THANKS FOR THE LETTER ABOUT HYDROGEN FUEL HOWARD!

P.S. Howard there is also a way to use a magnetized tuning fork placed into the intake wind stream of a car and set into resonance...this charges a battery and runs a drive motor...vibration from random wind and road vibration (tire expansion and contraction on hot pavement) provides enough power to keep the electric car recharged while at high way speed...I once discussed making a trolling motor powered boat with a geophone on board that re-charged from wave action as the boat sat and was under way. The fellow I discussed it with wanted to hire an engineer...I tried to explain to him that was not required...people foolishly believe engineers (I studied N.E. at T A&M) are just waiting to help the general public develop novel ideas...Yes, for a "HUGE" fee far beyond the value of the idea! Alas I never heard from him again about the rocking boat trolling motor re-charger.