

TESLA

TURBINE COMPANY

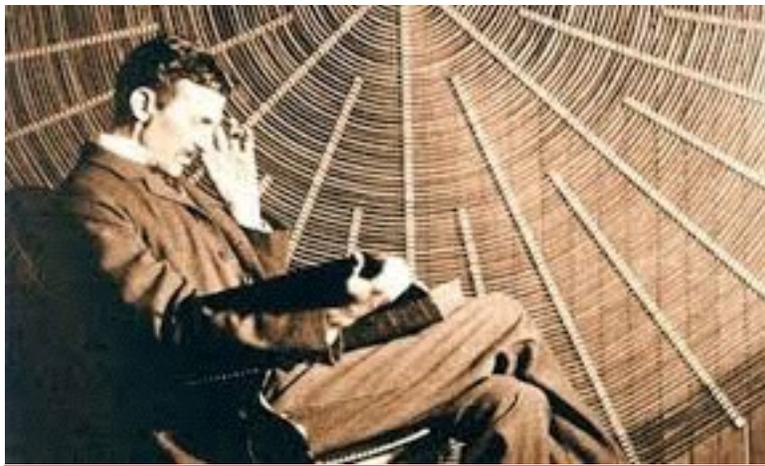
THE MOST EFFICIENT TURBINE IN THE WORLD

REACHING UP TO AND OVER

90% EFFICIENCY

THE TESLA TURBINE

A UNIQUE PATENTABLE DESIGN



UNIQUE

TESLA TURBINE DESIGN

Tesla on the Tesla Turbine...

“Such a machine is a thermodynamic transformer of an activity surpassing by far that of any other prime mover, it being demonstrated in practice that each single disk of the rotor is capable of performing as much work as a whole bucket-wheel. Besides, a number of other advantages, equally important, make it especially adapted for operation as an internal combustion motor.”

One moving part – the rotor (bladeless disk pack). All motive fluid or gas **MUST** act to be converted to mechanical energy (the rotation of the shaft). Robust design. No mechanical wear, with magnetic bearings utilized. Extremely simple and inexpensive construction, through metal casting, pressing, or newly developed 3-D rapid prototyping technologies. Powerful. Small footprint. A 100 kW Tesla Turbine occupies a space of a mere 20” diameter by 4” thick. Completely scalable from 10kW to 500 kW, ideal to be bolted onto the emerging cold fusion reactor called the ECAT.

Background

In October 2014, Andrea Rossi inventor of the **Ecat cold fusion technology** released the first independent validated report on his Ecat reactor, which run for 32 days non-stop and reached over 1400 degrees Celsius. This is the result of several years of R and D. This report took the world by storm and has been downloaded over 200,000 times. Four top scientists oversaw the validation. Rossi is now building his 1 MW “Hot Cat” prototype, which will be ready in 6-8 months. For the first time in history a cold fusion reactor will generate electricity for a national grid - all he needs to do is bolt on a turbine and generator.

However, the most efficient conventional turbine e.g. Siemens or General Electric turbine can reach approx. 30-40%. A tesla turbine design can reach much more efficiency, therefore creating a much larger ROI. Also for its compact size it has the potential to be bolted onto an Ecat reactor into a CAR, producing the first cold fusion car in history (without the need for expensive batteries and infra structure.)

It is scalable up to 500 Kw making it ideal for the Ecat power stations that Rossi will be building. Also in near future the domestic Ecat will be released- for hot water for households, and with a tesla turbine the potential for generating house electricity becomes a reality.

Over the last few years Roger Green, William Donovan and others (key engineers who have extensive knowledge and experience with Tesla Turbines) have been in discussion about the development of the Unique Tesla Turbine Design to one day be bolted onto the emerging E Cat Technology

William Donovan has developed a unique, novel and patentable design of the “Tesla Turbine” and claims to have remarkable efficiency and economics of design. He has extensive design and practical experience with various tesla designs. It takes great skill to be able to innovate from the original tesla turbine designs to make them work perfectly.

Roger Green and various companies he is involved in are the owners of exclusive E cat Technology distribution licenses covering much of the global population, including:

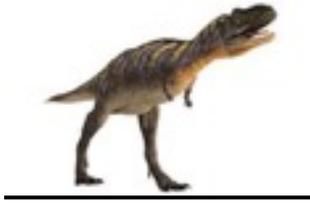
Japan, Korea, all of South East Asia/Pacific, Australia, Indian subcontinent, all of the African Continent, Spain and Portugal and is in close relationship with the majority of the remaining licensees around the world.

As a close associate to Andrea Rossi and having quick access in communication with Rossi, Roger had several discussions with Rossi on this subject. Rossi is completely open to receive a prototype that he can test and validate. In his own words- “why would I not use a turbine that has the best efficiency” It is to be noted Rossi is an extremely busy man and usually not open to other parties outside of his core team of researchers and contractors.

Roger Green agreed to move ahead with William Donovan based on an agreement that investment would be raised from investors to build a working prototype and a new company would be formed on the completion of a successful testing of the Tesla Turbine.

We are looking for investors to join in with our tesla turbine experts, along with Roger Green of Breakthru-Technologies, to produce the unique Tesla Turbine. Potentially this turbine in various sizes can be bolted onto every Ecat Cold Fusion reactor to be rolled out to the world, from E cat

Power Plants (100-1000 MW), domestic units (10kW) and into every cold fusion car that the future will have. Obviously, a massive marketplace, including other conventional applications such as waste heat to electricity etc.



Benchmarks and Budget and Investment Opportunity

1. Designs to be completed and inserted into software ready for machine shop.
Timeline: 2 months completion. We bring together over 60 years experience into this design
2. Tooling: 316 stainless steel and carbon fiber, molds and laser cutting, Design goes to machine shop. Timeline: approx. 1-2 months.
3. Assembly, quality control, fine tuning and testing. A very important phase of development.
Timeline: 2 months.
4. Delivery of prototype to Andrea Rossi in secure location in Florida for testing and valuation. -
Total Timeline: within 8 months

SHARE OFFERING

WE ARE ISSUING 100,000 SHARES VALUED AT \$2 USD EACH

- Minimum purchase is 2500 shares valued at \$5000
- 1% equity is \$5000
- 10% equity = \$50,000 (USD)
- A total of 40% equity is to be sold
- Payment is made with an issuing of a receipt.
- Company is formed on the completion of testing.
- NDA-MOU is needed for next step.
- **To Participate** Contact Roger Green



On site power stations, incorporating the Ecat technology, Scalable and easily transportable, with bolted on TESLA TURBINE and Generator producing the most efficient electricity to national grids and installations all over the world.



Andrea Rossi working on his 1 MW Hot Cat prototype, ready in 8-10 months.

“If you delivery the tesla turbine to me, I will test it and evaluate it. If it were efficient as you say it is, why would I not use it for every Ecat application that will present itself in the future? You have my word on that. Deliver it, I will test it and buy it if it works. You have my word on that.”

-Conversation with Roger Green, early seed investor into the Ecat Technology.

Tesla on the Tesla Turbine...

“Such a machine is a thermodynamic transformer of an activity surpassing by far that of any other prime mover, it being demonstrated in practice that each single disk of the rotor is capable of performing as much work as a whole bucket-wheel. Besides, a number of other advantages, equally important, make it especially adapted for operation as an internal combustion motor.”

"Just what is your new invention?" I asked. "*I have accomplished what mechanical engineers have been dreaming about ever since the invention of steam power,*" replied Dr. Tesla. "*That is the perfect rotary engine. It happens that I have also produced an engine, which will give at least twenty-five times as much power to a pound of weight as the lightest weight engine of any kind that has yet been produced. In doing this I have made use of two properties which have always been known to be possessed by all fluids, but which have not heretofore been utilized. These properties are adhesion and viscosity.*"

"Then, too," Dr. Tesla went on, "*there are no delicate adjustments to be made. The distance between the disks is not a matter of microscopic accuracy and there is no necessity for minute clearances between the disks and the case. All one needs is some disks mounted on a shaft, spaced a little distance apart and cased so that a fluid can enter at one point and go out at another. If the fluid enters at the center and goes out at the periphery it is a pump.*"

"*If it enters at the periphery and goes out at the center it is a motor. Coupling these engines in series, one can do away with gearing in machinery. Factories can be equipped without shafting. The motor is especially adapted to automobiles, for it will run on gas explosions as well as on steam. The gas or steam can be let into a dozen ports all around the rim of the case if desired. It is possible to run it as a gas engine with a continuous flow of gas, gasoline and air being mixed and the continuous combustion causing expansion and pressure to operate the motor.*"

"That means the solution of the problem of flying," I suggested. "*Yes, and many more,*" was the reply. "*The applications of this principle, both for imparting power to fluids, as in pumps, and for deriving power from fluids, as in turbine, are boundless. It costs almost nothing to make, there is nothing about it to get out of order, it is reversible--simply have two ports for the gas or steam, to enter by, one on each side, and let it into one side or other. There are no blades or vanes to get out of order--the steam turbine is a delicate thing.*"

This is the only small turbine/alternator device, which could be mass-produced at the scale and timeframe required to couple to commercially available LENR sources. Manufacturing does not require expensive precision tooling; all parts can be made on a standard CNC or Laser cutter, no fixed costs to adjust design! Tesla claimed multi-stage turbines with special nozzles (de Laval supersonic nozzles) could reach 95%.

Pros:

- High power to weight ratio ("Powerhouse in a top hat" -Tesla)

- Very low cost of production-

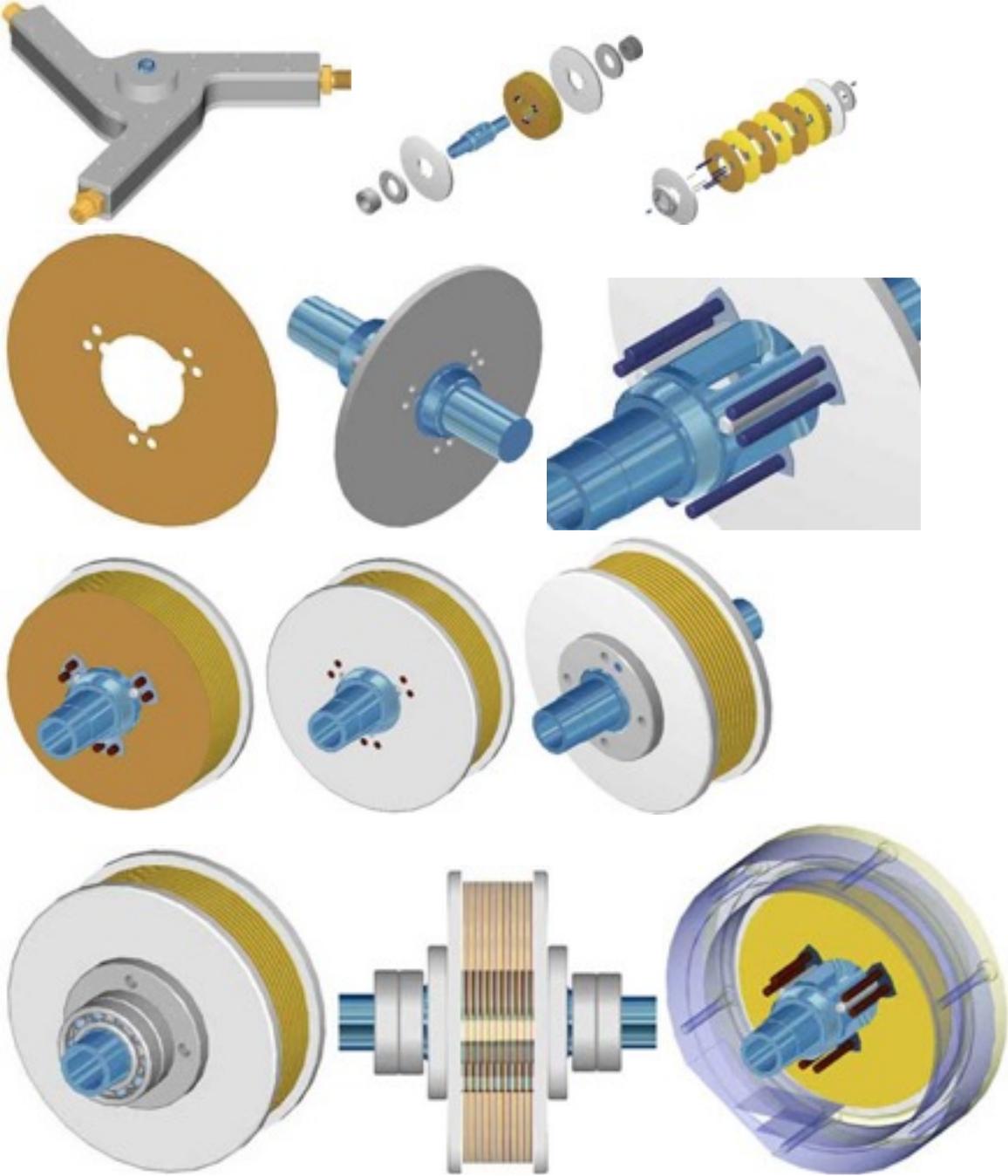
- High Speeds Extreme mechanical efficiency**

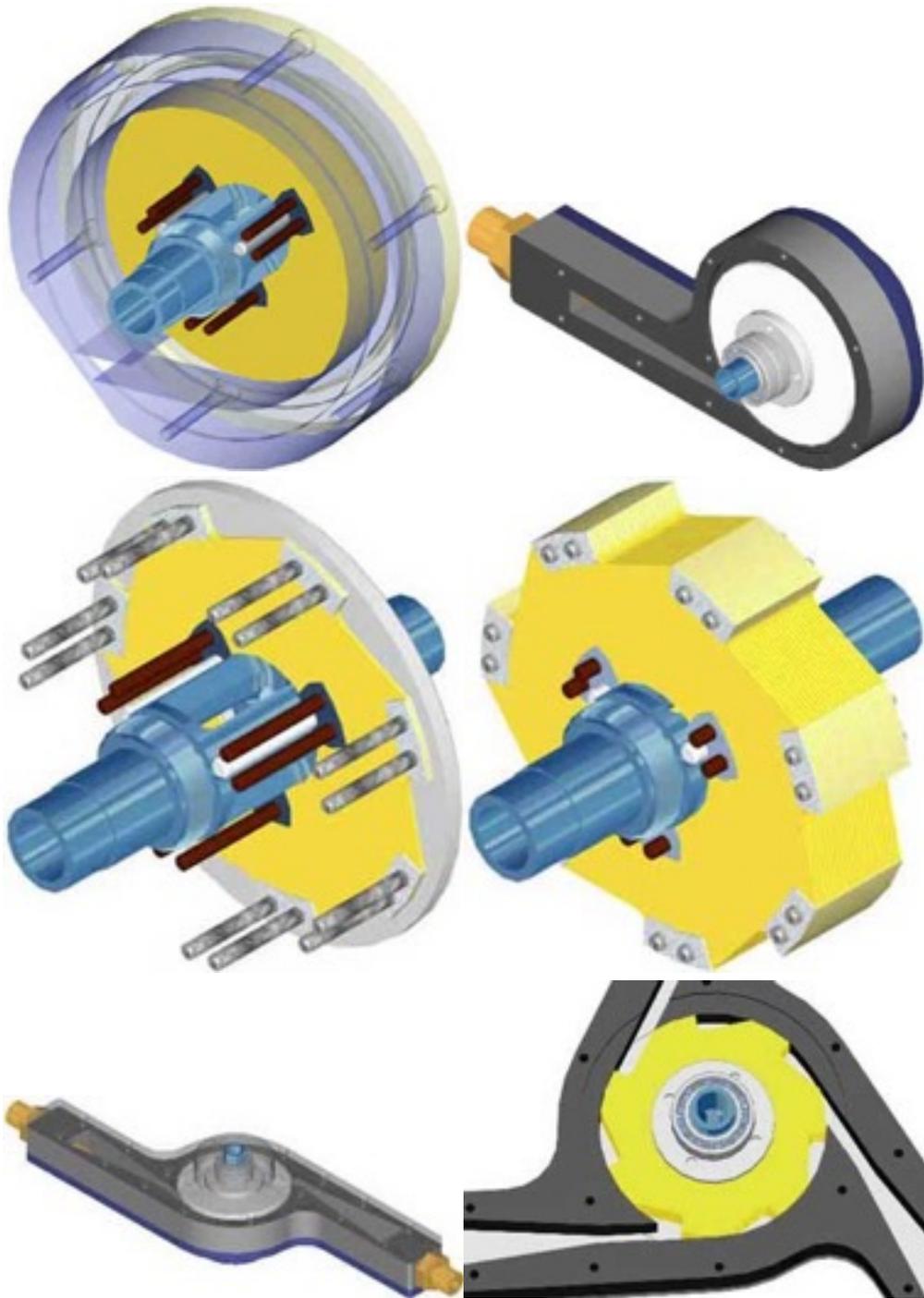
- Requires high fluid velocity not high temperatures, can run fine at 105 C

- Very rugged, can utilize abrasive working fluids (i.e. high salt content).

- Designed for steam as a working fluid, other fluids are possible including liquids, peroxide decomposition, concrete etc.

Novel Tesla Turbine Design
Roger Green copyright 2012





Shown above are figures illustrating the Unique Tesla Turbine design. All Intellectual Property and Patents fully apply. Novel Tesla Turbine design

Roger Green copyright 2012

BENCHMARKS: Here is the outline:

Phase 1: Original with improvements

The original Tesla turbine is introduced, but with improved materials. Even with the original design, through upgrading of materials the efficiency can be boosted at least by 10%. This can be done in several ways:

NDA REQUIRED FOR CONFIDENTIAL DESIGN DEVELOPMENT

After the efficiency is boosted, the next version is introduced.

Phase 2:

NDA REQUIRED FOR CONFIDENTIAL DESIGN DEVELOPMENT

Phase 3:

NDA REQUIRED FOR CONFIDENTIAL DESIGN DEVELOPMENT

Phase 4:

NDA REQUIRED FOR CONFIDENTIAL DESIGN DEVELOPMENT

Conclusion:

A multi-phase approach such as this, where the implementation is timed so that any possible competition cannot possibly catch up is one that not only locks up the market share, but also guarantees that the public can expect great things from the company, greatly enhancing the public image. By the implementation of Tesla turbine technology in the 3rd world, a bootstrapping approach is used that increases self-empowerment, with an overall win-win situation.

We wish to begin this project NOW and have ready for the launch of the Ecat early 2016 to maximize brand exposure.

CONTACT

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