

Power to the People!

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The Zero-Point Energy Field extends throughout the Earth and throughout the entire Universe. Its energy is as natural as the Sun and as free as the Wind, but far more abundant. **If it works**, Z-PEC will enable *each* of us to plug into that natural energy grid, to *individually* take as much power as we want, whenever we want, wherever we want; without having to pay anyone, anything, **ever!** **Z-PEC Thrusters will inexpensively carry ordinary people throughout the Earth and throughout our Solar-System.**

The peer-reviewed literature discusses a "Repulsive Casimir Effect." In other words, the Quantum-Flux Radiation-Pressure is expected to build inside small cavities to a level that is *expected to be much* higher than the Ambient Radiation-Pressure. Amazingly, almost ignores *an amazing yet undeniable fact*:

If a genuine flux-enhanced cavity is really possible, like any other pressurized cavity with one open side, it would experience a net force acting toward the ceiling of the cavity. A Z-PEC Thruster consists of a macroscopic plate that is covered on one side with nanoscopic cavities. Just as unbalanced forces in the environment impart energy and momentum to a sailboat, so also will unbalanced forces in the Quantum-Flux impart energy and momentum to a Z-PEC Plate. One of these cavities is illustrated below.

The photons of the Quantum-Flux continuously form, and build up and maintain some equilibrium point inside the cavity, reflect from the interior surfaces and promptly vanish; they do not "leak" out of the opening as pressurized gas molecules would.

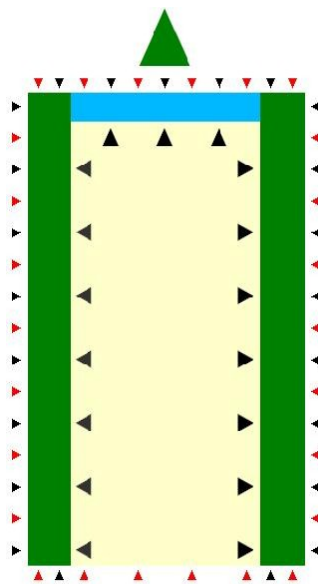
All **Black** Arrows are the *wave-lengths* that are small enough to fit inside the cavity; these smaller wavelengths also occur outside of the cavity.

Red arrows are wavelengths that are too large to fit inside the cavity. Some even bridge across the cavity opening as though it was a solid side.

The Red Arrows represent wave-lengths that are too large to form inside the Cavity. Some even bridge across the opening as though it was solid.

Zero-Point Energy Converter

US Patent Pending



The arrows inside the cavity are big because they represent the stronger Radiation-Pressure inside the cavity.

All of the red arrows come in pairs that are equal and opposite, so these forces cancel $\blacktriangleleft \blacktriangleright$ $\blacktriangleup \blacktriangledown$. All of the Big Arrows **acting on the interior sides of the cavity** come in pairs that are equal and opposite, so these forces cancel $\blacktriangleleft \blacktriangleright$.

Since everything else cancels, we are left with three large arrows that are pushing **up** on the ceiling of the cavity; they are only **partly** counter-acted by three **small** arrows that push **down** on the roof. *Therefore, there is a net force acting on the top side of the cavity. It is represented by the large Green Arrow.*

Initially, experts are needed to devise research strategies, plans, budgets and to write Grant Proposals. Ultimately, most of the pieces of the puzzle already exist, but many of them may be scattered among *diverse* fields, known only by people who do not understand their significance to the Casimir Effect. We need experts with experience modeling the Enhanced-Flux Cavity Model, as well as in Nanophotonics, Cavity QED, Semi-conductor Engineering, Nano-structured Materials, Modeling, Nanophotonics, Relativity Theoreticians, Grant Proposal Writers, accountant, equipment supplies and facilities for all the above.

Please consider this your personal invitation to share any insights you might have about this project or if anyone comes to mind who might want to know about this.