Abstract:

Many scientists believe that so-called empty space is filled with a random, energetic electromagnetic radiation field that is comprised of every possible wavelength, called the Quantum Vacuum, the Electromagnetic Quantum Flux or the Zero-Point Energy Field, (ZPE.) App. 2 Two mirrors, Fig. 1 connected back to back, will experience asymmetric light pressures from the symmetric electromagnetic radiation of the Quantum Vacuum because a refractive coating on the bottom side bends incident radiation to strike more vertically. The mirror also enables the same light to enter and leave the refractive material from the same side; therefore, the entry and exit refractive forces are still equal but they are no longer opposite; furthermore, this refractive force supplements the net reflection force so that a net force acts on the entire system. This proposal has been reconciled with the attributes of the Quantum Flux, the Minkowski- and Abraham- views of Photon Momentum, and of Thermodynamics, as well as conventional optical technology. Every one of the four essential elements of this proposal have been separately verified by two or more independent experiments.

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