

ALTERNATIVE ENERGY SYSTEMS AND SUPPORTING TECHNOLOGY

The following papers report on a variety of topics: alternative energy systems, technology in support of new energy systems, and sonoluminescence. Recently, Julian Schwinger suggested that sonoluminescence is caused by a bubble of vapor being compressed by Casimir forces and thereby **extracting energy from the Zero-Point Energy** that fills all space.

Zero-point energy may also be the source of energy for the excess heat apparently produced by Griggs in his specially-designed Hydrosonic pump. The explanation advanced by this editor is that cavitation bubbles can also be compressed by Casimir forces as explained by Schwinger and result in the production of anomalous heat.

Tewari tells us about another enhanced energy device which obtains anomalous amounts of energy. The explanation again is that this rotating device may be tapping the energy of space. For those who are skeptical about extracting energy from the environment around us, it is suggested that they read the papers of Boyer, Wheeler, and especially the papers of Harold E. Puthoff.

We also welcome the reports of devices that will advance the conversion of thermal to electrical or mechanical energy in the papers that follow.