



Gas Rabbit Hops To It!

Air Dynamics receives Notice of Allowance for Patent Filing on Mileage Enhancement Technology! All claims allowed - no exceptions.

([PRWEB](#)) March 25, 2003 -- Air Dynamics announced today receipt of a Notice of Allowance for its founder's U.S. utility and design patent filings covering its proprietary, self-contained rotary static generator to compress and ionize air. Applications include enhanced mileage for vehicles using internal combustion.

One solution to increase mileage while decreasing fuel consumption and NoX exhaust emissions may be found in General Science 101. Students learn rubbing materials with unlike dielectric properties will create a static charge. Likewise, walking across a carpet and getting a small zap when touching a ground also creates a static spark in the nanoseconds prior to actually making that physical contact.

The spark generated is a dielectric barrier discharge, created when two dissimilar materials are brought into close contact or actual contact. Air Dynamics uses this principle to excite and split oxygen molecules passing through in a rotating static generator discharge using advanced polymers of radically different dielectric properties.

The resulting charged ions produced on a continual basis are important as they change the air:ion mix present in atmospheric air, air entering your internal combustion engine. Charged ions act as a "lubricant" to reduce drag created by air movement.

Air Dynamics' self-contained ionization device is placed in the center of a static vortex generator. It is well known turbulent fluid moves more volume through an opening than laminar fluid. Swirling air entering an intake manifold increases PSI as actual displacement is limited by the engine's cylinder volume. Increasing PSI makes air denser creating a slower, more powerful burn in cylinders is the science behind superchargers and turbochargers. While these expensive devices are very effective in providing "on demand" surges in horsepower, Air Dynamics device is intended to provide a constant increase in PSI although much lower than forced air systems.

The downside of swirling air is drag; friction created by moving air against air. Introducing additional charged ions to the turbulent air flow reduces the drag and allows increased PSI at minimal expense to power required to compress air.

Creating denser, oxygen rich air is a well known methodology to enhance mileage of ICE. Argonne National Labs, using another technology, has co-developed, tested and validated an 18% increase in engine power and 2%-10% mileage efficiency by changing air's oxygen:nitrogen mix. Air compression produces similar results.

"If an effective, yet inexpensive solution is available and easily retrofitted on existing vehicles," says Karl Zetmeir, President of Air Dynamics, "One hundred million Gas Guzzlers, including SUVs, currently operating in the U.S. is a very large aftermarket. Further, any device helping consumers decrease the expense of operating vehicles also decreases our country's dependence on foreign oil."

Air Dynamics is aggressively moving forward to commercialize its patent pending technology in OEM and



aftermarket channels. The company is currently working with Collins and Aikman, the world's largest injection molding enterprise to develop Gas Rabbit, the company's first commercial product. Air Dynamics reports it has been contacted by DRTV, publishers, Internet and telemarketers clamoring for finish product to meet huge consumer demand.

Parties wishing to participate in commercialization efforts with funding, production or distribution are encouraged to contact Air Dynamics at 913-638-6588.

Additional information may be found at: <http://www.gasrabbit.com>

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