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Corey S. Powell, Editor-in-Chief:
Discover Magazine
90 5th Ave. 11th fl.
New York, N.Y. 10011

Re: June 2010 Discover Issue, Page 10, *"Harnessing the Wind"*

Dear Mr. Powell:

*In approximately **150** years, Oil Reserves and Atomic-energy supplies, will BOTH be exhausted? At that time the only renewable-energy resource, which could hope to supply mankind's electrical needs, will be the wind!*

The problem(s) with using the wind are several:

- 1) Sometimes, it blows too slowly
- 2) Sometimes it blows too hard
- 3) Sometimes it doesn't blow at all

Fortunately, one of the laws of physics is there to help the wind and mankind provide all the electricity ever needed. If a wind-recovery device, (windmill/wind turbine), is properly situated & equipped, it can produce electricity forever! I describe it as the **MAGIC** of the *"Double Quadruple Principle!"*

It is well-known, that if you place the device(s) high enough in the stratosphere, (tethered to the earth), the wind is ALWAYS blowing/blowing harder, **24 hours/day**, (unlike earth's surface-winds)

At that time, if you **double** the wind-speed, you **quadruple** the power output of the wind device.. Alongwith that wonderful trait is also, if you **double** the size of the wind-device, you also **quadruple the** power out-put

Example" a **(6)** foot diameter wind-recovery device, may generate **(1)** KW of electricity in a **(10)** mph wind. If the wind-speed picks up to **(20)** mph, that same device can then generate **(4)** KW of electricity. Now, if you **double** the size of the **(6)** foot device, to a **(12)** foot diameter, it may **now generate, (16)** KW of electricity.

Under those conditions, in a (40) mph wind, you may then produce (64) KW of electricity. One more *doubling* of the wind-speed, to (80) MPH, may then produce (256 KW) of electricity. Yet another *doubling* of Wind-speed to 160 MPH, (NOT uncommon in the stratosphere), would see production of a prodigious amount of electricity, (1,024) KW, for every single unit,..... so disposed!

If a “*Wind-farm*”, [collection of (20) or (40) or more, wind-recovery devices], is situated in an exclusionary “*NO FLY*” zone, it would solve the energy problem, ease man’s contribution to Global Warming, (if any)!

Every year, (for the next ... *X* ... years)., erect the needed amount of units, to ultimately supply ALL, (100%), of the Earth’s electricity needs forever! Our great, great, etc., grandchildren, will thank us. In the meantime See... “*SKY-WIND FARMS*”.... in www.cifaldi.org

Yours truly,

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