

# Solar Energy Actuator

**Energy Recycling Spectrum** (530) is achieved since expelling de-energized water molecule (s) (538a xxx 538n) of Figure (5-7) is/are opto-sensitive to photon energy (537a xxx 537n) in that photon- energy (537) is composed of electromagnetic radiant energy transmitted through the medium of space by way of pulse-oscillations known as "**frequency of wavelength**" and, is expressed by a quantum of Electromagnetic energy in the following equation

(Eq 31)  $E = h\nu$

$$E = h\nu \quad (\text{Eq 31})$$

Where,

(E) is the energy, (h) is Planck's Constant (energy x time) ( $6.547 \times 10^{-27}$  erg-second), and ( $\nu$ ) is the frequency associated with the photon. The momentum of the photon in the direction of propagation transversing the medium of space is, thus, expressed by the following equation

(Eq 32)  $h\nu / c$

$$h\nu / c \quad (\text{Eq 32})$$

Where,

(c) is the quantum of electromagnetic energy carried in a small amount and moving with the speed of light, as so illustrated in Figure (5-11).

**Optical Photon** having energies corresponding to wavelengths between 120 and 1800 nanometers ... thus, propagating sun's light or its direct rays (539a xxx 539n) of Figure (5-6).

Figure (5-6)

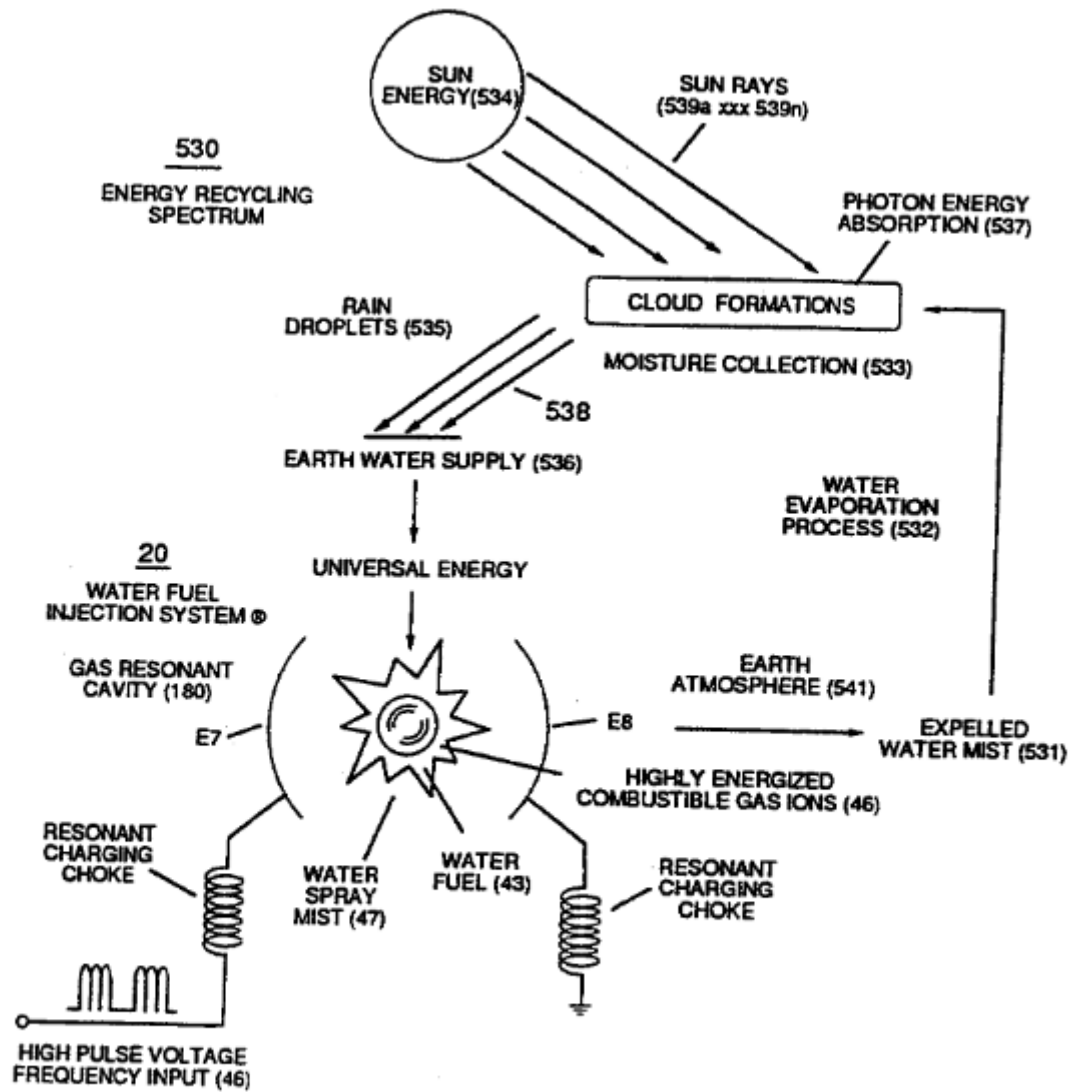


FIGURE 5-6: OPEN ENDED ENERGY SYSTEM

Exposing the expelling de-energized water droplets (531) of Figure (5-6) to incoming sun's light (534) of Figure (5-7), now, causes **Photon Absorption Process** (537) to deflect the orbital electron (s) to a higher energy-state (538) away from the atom nucleus as so illustrated in (520) of Figure (5-3) as to (540) of Figure (5-7) once the atom nucleus absorbs the inflowing photon energy (537).

(534 & 540) of Figure (5-7)

540

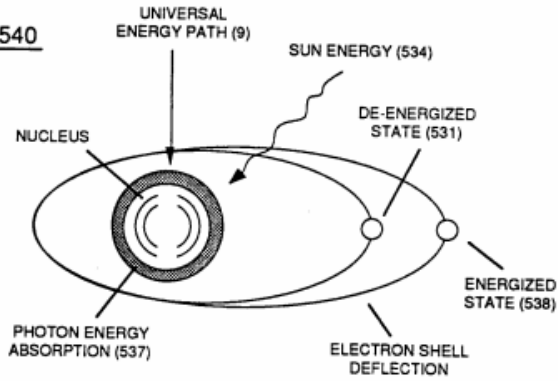


FIGURE 5-7: ATOMIC ENERGY LEVEL ADJUSTMENT

(520) of Figure (5-3)

520

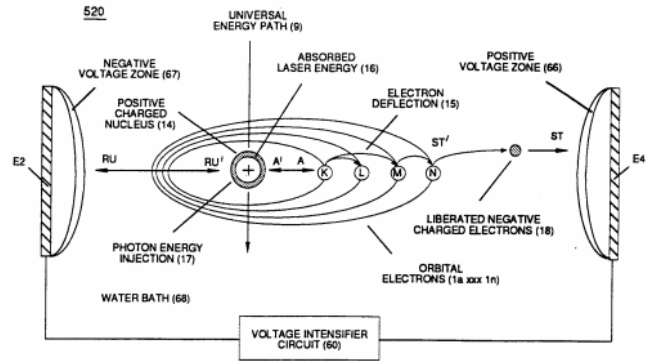


FIGURE 5-3: ENERGY PUMPING ACTION

The deflected electron (s), in turn, applies an increase/greater electrical-stress ( $A' A$ ) onto the gyroscopic spin-velocity of the nucleus particles (570) of Figure (5-10) as to (550) of Figure (5-8) ... causing **Energy Aperture** (7) of Figure (5-10) to oscillate as a "**Energy Generator**" ... releasing **Universal Energy** (9) of Figure (5-10) into the atom nucleus ... allowing **Atomic Energy Level Adjustment** (540) of Figure (5-7) to take place, as illustrated in (970) of Figure (5-12) ... re-energizing the water molecule for hydrogen reuse, as illustrated in (530) of Figure (5-6).

(570, 7, 9) of Figure (5-10)

570

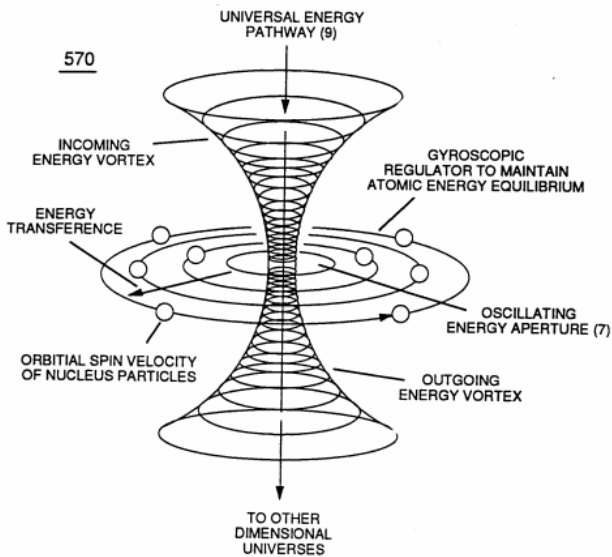


FIGURE 5-10: ENERGY APERTURE OF THE ATOM

(550) of Figure (5-8)

550

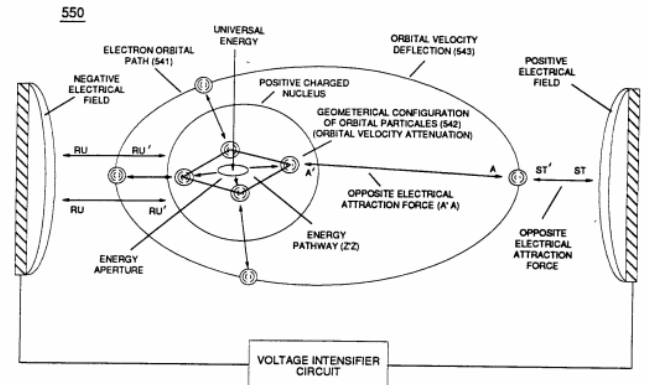


FIGURE 5-8: COVALENT SWITCH-OFF

(970) of Figure (5-12)

970

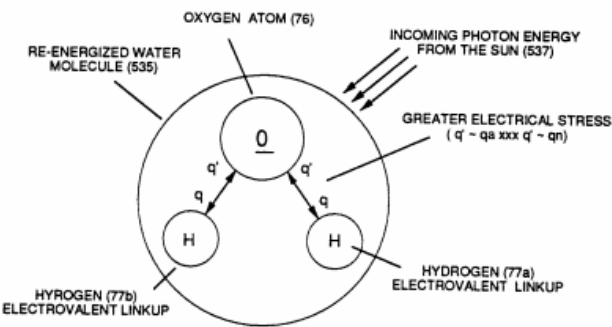


FIGURE 5-12: ENERGY ACTUATOR

(540) of Figure (5-7)

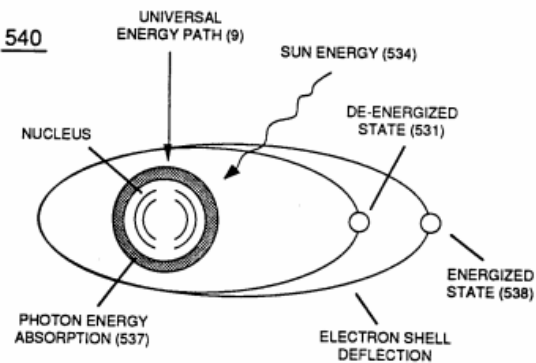


FIGURE 5-7: ATOMIC ENERGY LEVEL ADJUSTMENT

(530) of Figure (5-6)

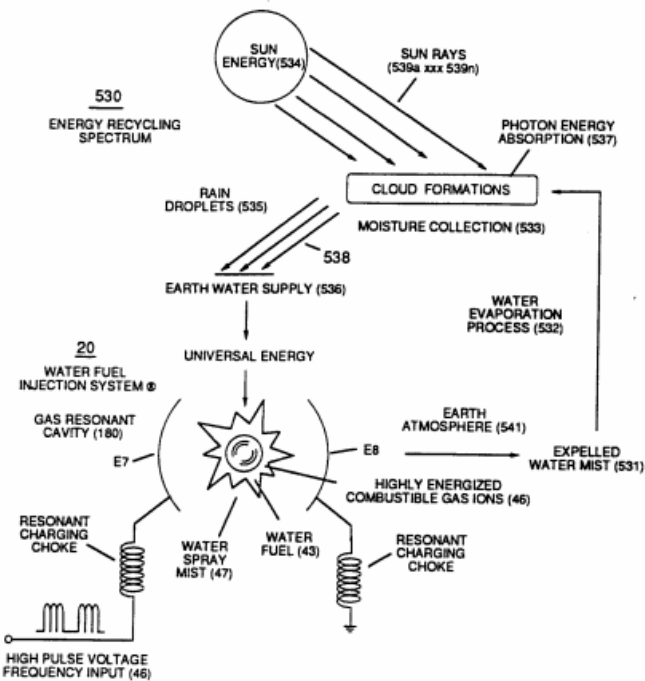


FIGURE 5-6: OPEN ENDED ENERGY SYSTEM