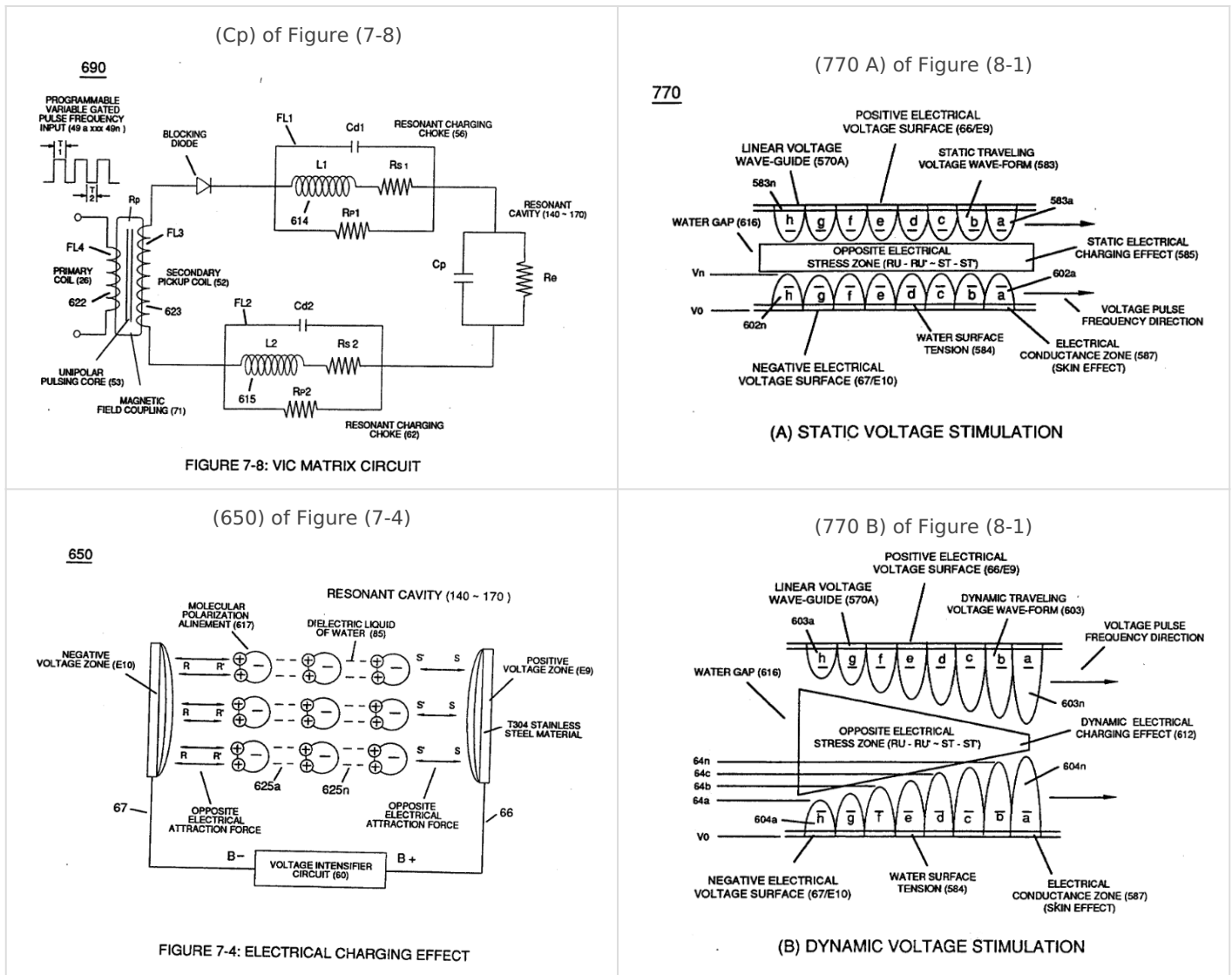


8-4 - State Space (Sp)

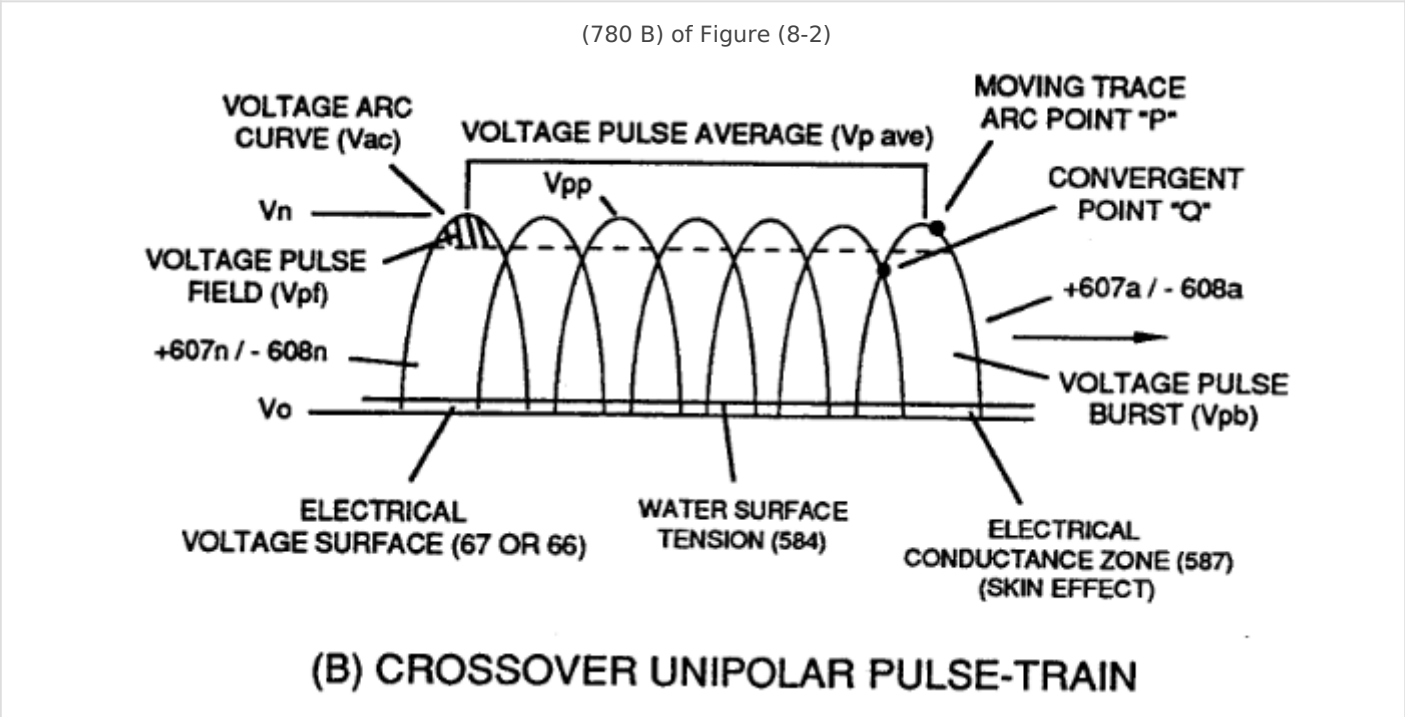
During the electrical-formation (66- Vpa/Vpb - 67- Vpa/Vpb) of each opposite **Electrical Voltage-Wave** (66-583 - 67-602), opposite electrical attraction force (RR' - SS') of Figure (7-4) is produced across water cap (Cp) of Figure (7-8) which, now, sets up and defines the conditions of "**State Space**," as illustrated in (770 A/B) of Figure (8-1) as to (650) of Figure (7-4).



The newly formed **Opposite Electrical Attraction Force** (RR' - SS') intensity is directly related to the applied **Voltage Amplitude Burst-Time** (Vpa - Vn -Vpb) as to the **Voltage Burst-Frequency** (49a xxx 49n) as to **Voltage Peak Excursion Point "P"** at the height of **Unipolar Voltage Pulse Wave** (583/602) which, in turns, determines maximum **Voltage Peak-Potential (Vpp)** at any given time during each **Voltage Pulsing Cycle (Vpa/Vpb)**.

Electrical Attraction Force intensity (RR' - SS' as to RU/RU' - ST/ST' as to 550 of Figure 5-8) at **Peak Voltage Potential (Vpp)** is either increasing or decreasing or remaining constant as to **Voltage**

Peak Excursion Point "P" trace-position which scans the exact **Pulse Wave-Form** (66- 583/67-602) being produced, as illustrated in (780B) of Figure (8-2).

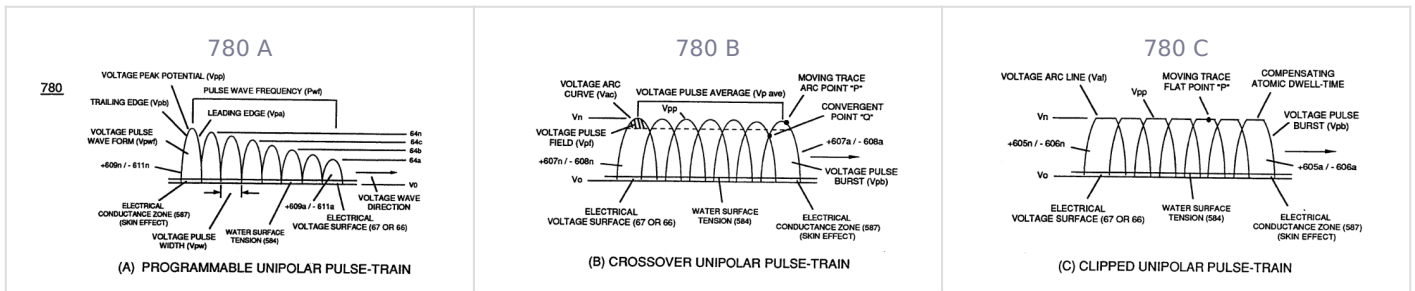


Equalizing **Voltage Pulse-Scan** (Bps) from start of one **Voltage Pulse-Field** (V_{pf}) to the start of next **Voltage Pulse-Field** ($V_{pfa} + V_{pfb} + V_{pfc} + V_{pfn}$) is determined by the total average of the number of applied **Voltage-Pulses** ($V_{p\text{ ave.}}$) making up opposite **Voltage Pulse Train** (583/602a xxx 583/602n) in synchronous movement.

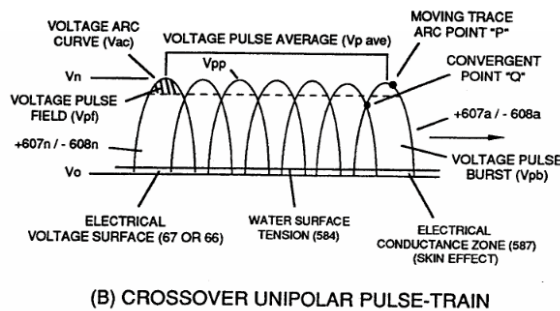
Generally speaking, **Arc Curve (Vac)** changing/varying to **Arc-Line (Val)** of **Unipolar Voltage Pulse Wave-form** (V_{pwf}) defines **Voltage Pulse Field (Vpf) scan profile (Vsp)** by which **Trace-point "P"** determines the type of "State Space" being used to propagate "**Voltage Tickling**" of water molecule (85) undergoing "Electrical Stress" under different fluid-pressures.

Whenever, **Voltage Excursion Point "P"** is always changing in a given space-time, "**State Space**" is referred to as "**Dynamic State Space**;" whereas, "**Static State Space**" exists when Voltage Excursion Point "P" remains constant during a precise period of space-time at **Peak Voltage Potential (V_{pp})** forming **clipped Voltage Pulse Wave-form (Vcwf)** during **Voltage Pulse Shaping** by way of **Programmable Pulsing Circuit (WFC project 422DA/423DA)** electrically interfaced with **VIC Matrix Circuit** (690), as illustrated in (780) of Figure (8-2).

(780 A/B/C) of Figure (8-2)
FIGURE 8-2: PROGRAMMABLE VOLTAGE PULSE-WAVE

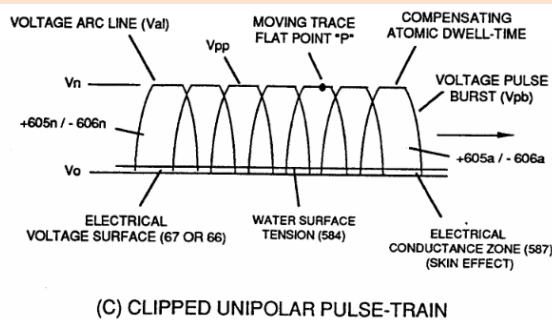


Dynamic State Space causes **Opposite Electrical Attraction Force** ($RR' - SS'$) to continually vary in electrical intensity ($RR'SS'$ cei) as to formation of **Voltage Peak Curve (Vpc)**; wherein, Static State Space allows **Opposite Attraction Force** ($RR' - SS'$) to remain at constant electrical intensity ($RR' - SS'$ cei) when **Peak Voltage Potential (Vpp)** is clipped in forming **Arc-Line (Val)**, as illustrated in (780C) of Figure (8-2).



Crossover Unipolar Pulse Train (780B) is

used when particle oscillation of the water molecule atom (s) is/are to be continually electrical stressed ($RR' - SS'$ vei) under changing conditions of higher magnitude (**Compressing Voltage Pulse Wave-form**) than the use of **Planar Unipolar Pulse Train (780A)**.



Clipped Unipolar Pulse Train (780C) is

used to encourage further increase in atomic dwell-time capable of raising **Atomic Energy Level (AEI)** of the **Water Atoms** to even a higher energy-state before **Snapping-Action** occurs when **Unipolar Pulse Wave (Upw)** returns to ground state (V_0) after voltage propagation (V_{pa}/V_{pb}).

Of course, the repetition-rate of "**Atomic Snapping Action**" (**Asa**) (*the number of Voltage Pulse Fields V_{pf} occurring per unit of space-time*) directly determines the resultant energy level of **Static Electrical Charging Effect (585)** of Figure (8-1) since "**Particle Oscillation**" is being used as a "

Energy Generator" (EGpo), as so subscribed in memo (424) titled **Atomic Energy Balance of Water** as to the functional parameters associated with **Dynamic Voltage Potential Wave-form** (600) of Figure (6-3) which uses Voltage Pulse Potential of opposite electrical polarity of attraction (RR' - SS' as to RU/RU' - ST/DST') to perform work in the following sequence of events in an instant of time: **Electrical Polarization Process** (160) (elongating the water molecule

... changing the **time share rate** of the covalent electrons

... switching off the covalent bond by attenuating the electromagnetic fields of the electrical stressed atoms undergoing molecule separation;

Universal Energy Priming Stage (500) (particle oscillation as a energy generator by deflecting atomic particles under changing electrical stress);

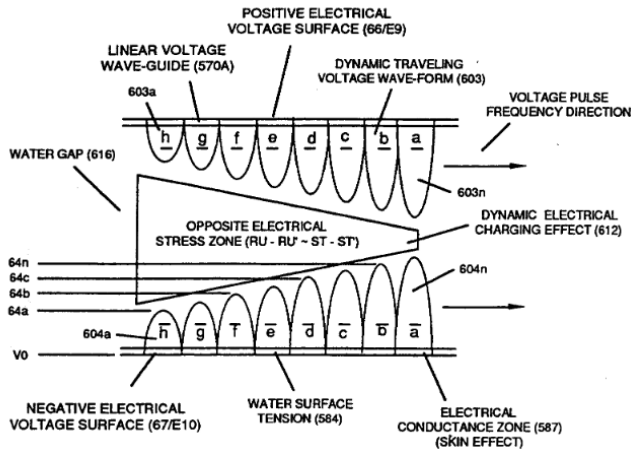
Liquid to Gas Ionization Stage (230) (ejecting electrons from the atomic structure under divergent electrical stress); and

Thermal Gas Triggering Stage (E9d) (gas igniting the electrically stress combustible gas atoms farthest from the state of electrical equilibrium)

... triggering **Hydrogen Fracturing Process** (90) (subcritical-state combustible gases being spark-ignited under **Electrical Resonance of Stress**).

In terms of **Particle Oscillation (Poe)** as a **Energy-Generator (EGpo)**, if **Voltage Arc Line (Val)** length is extended while **Voltage Amplitude** (xx 64a - 64b - 64c - Vn) is adjusted to higher **Voltage Peak-Potential (Vpp)** then greater atomic interaction (585) of Figure (8-1) (see *WFC memo 424 titled Atomic Energy Balance of Water, once again*) occurs when particle oscillation (Poe) of deflection of atomic mass (see 550 of Figure 5-8) (**atom elongation**) is electrically stressed farthest from the point of state of atomic-equilibrium by way of **opposite Voltage Electrical Attraction Force** (RR' - SS' as to RU/RU' - ST/ST'), as further illustrated in (500) of Figure (5-1) as to (510) of Figure (5-2).

(585) of Figure (8-1)



(B) DYNAMIC VOLTAGE STIMULATION

(550 of Figure 5-8)

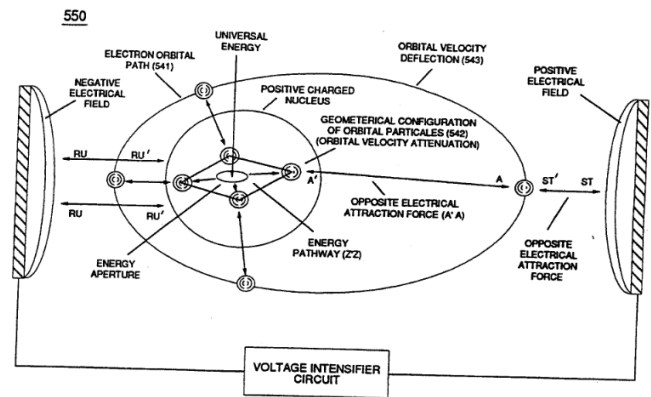


FIGURE 5-8: COVALENT SWITCH-OFF

(500) of Figure (5-1)

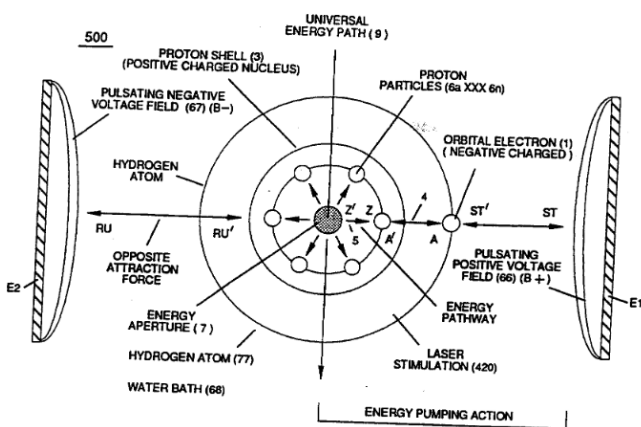


FIGURE 5-1: HYDROGEN ENERGY BALANCE

(510) of Figure (5-2)

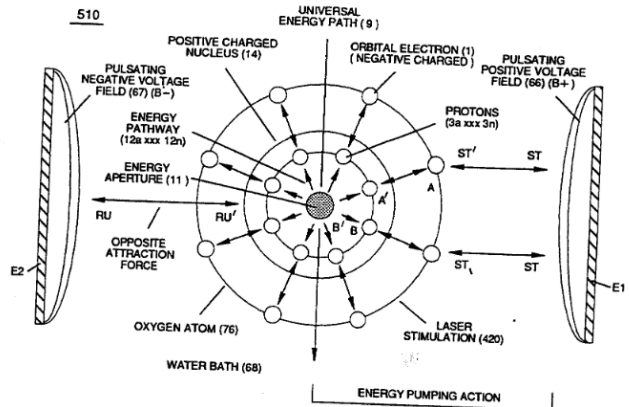


FIGURE 5-2: OXYGEN ENERGY BALANCE

Voltage Tickling of State Space under "**Resonant Electrical Stress**" without amp influxing while "Tuning-In" to the dielectric properties of water is herein referred to in this WFC Tech-manual as "**Resonant Action**," as illustrated graphically in Figure (5-4 A,B,C) as to **Resonant Cavity** (170) of Figure (3-25) as to Figure (1-13).

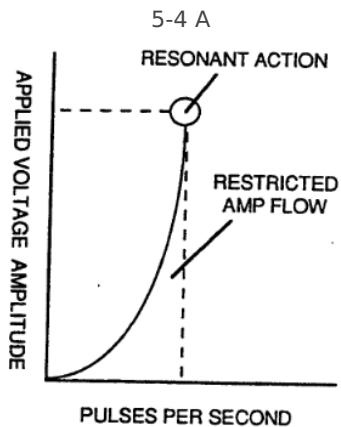


FIG. 5-4A: TRIGGERING RESONANCE

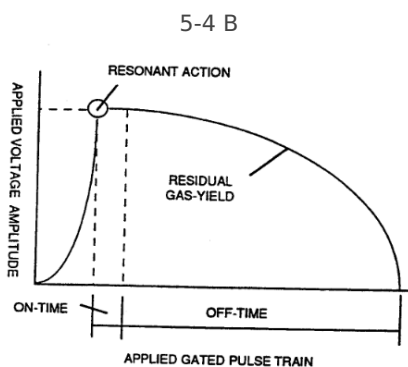


FIG. 5-4B: SUSTAINING RESONANCE

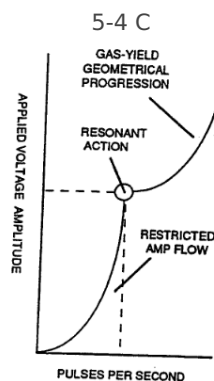
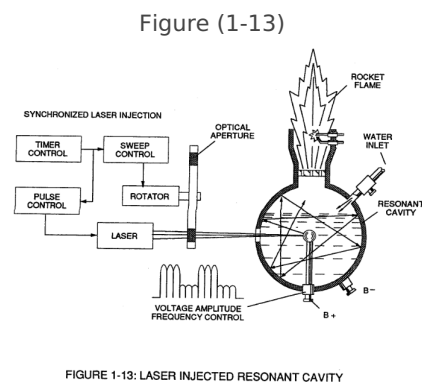
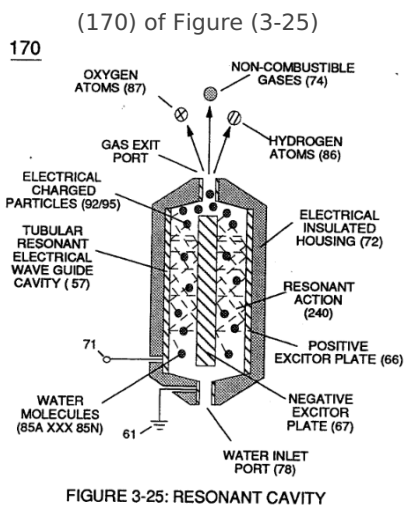


FIGURE 5-4C: RESONANT PROPAGATION



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