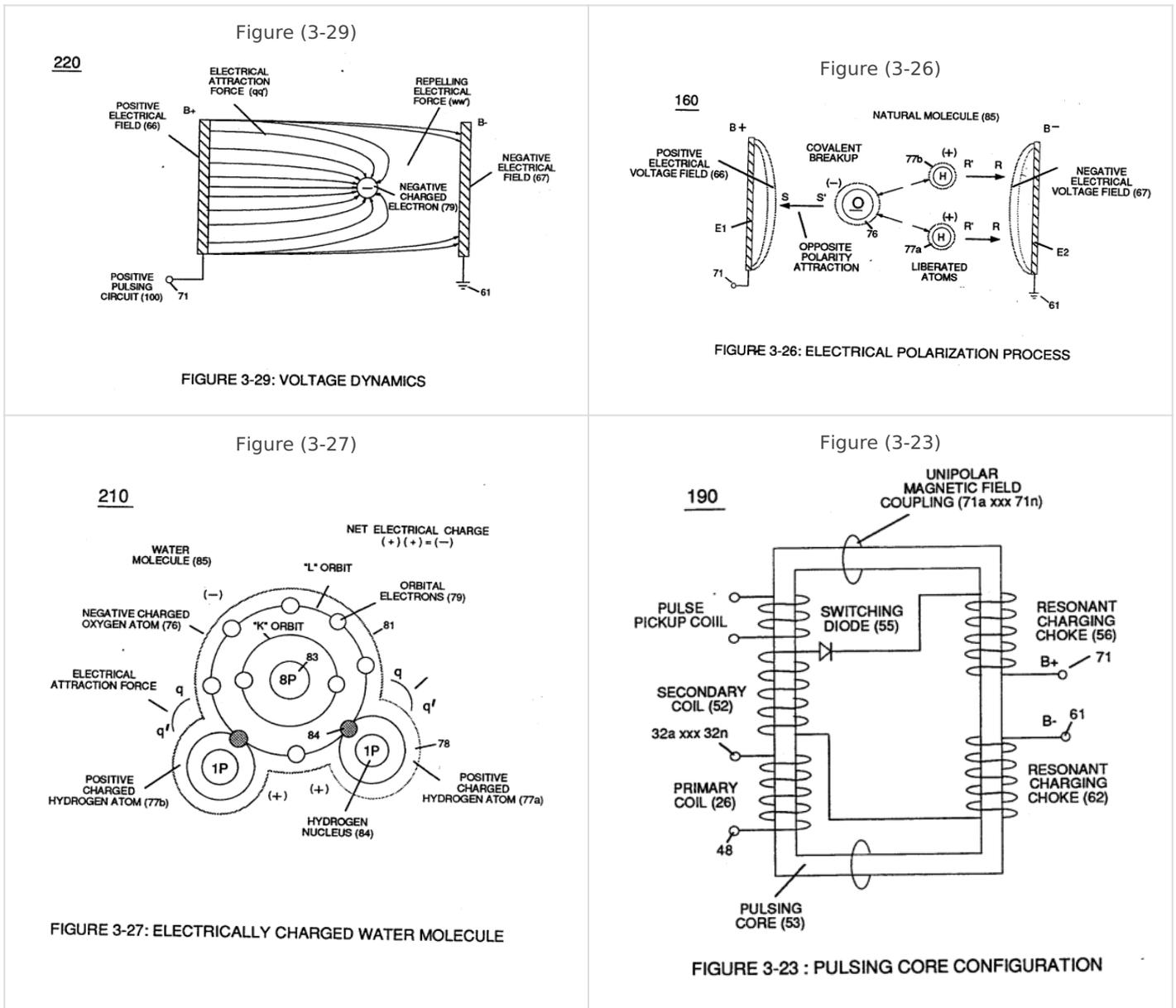


Electrical Polarization process

Placement of a **pulse voltage potential** (65) across **Excitor plates** (E1/E2) (voltage zones 66/67) of Figure (3-29) as to Figure (3-26) while inhibiting and preventing electron flow within voltage intensifier circuit (190) of Figure (3-23) causes water molecule (210) of Figure (3-27) to separate into its component parts (released hydrogen and oxygen gases) by pulling away (utilizing opposite attraction forces SS' and RR') its charged water molecule atoms (76n7), as illustrated in (160) of Figure (3-26).



Stationary "positive" electrical voltage-field (66) (voltage plate E1) not only attracts negative charged oxygen atom (76) but also pulls away negative charged covalent electrons (84) from water molecule (210).

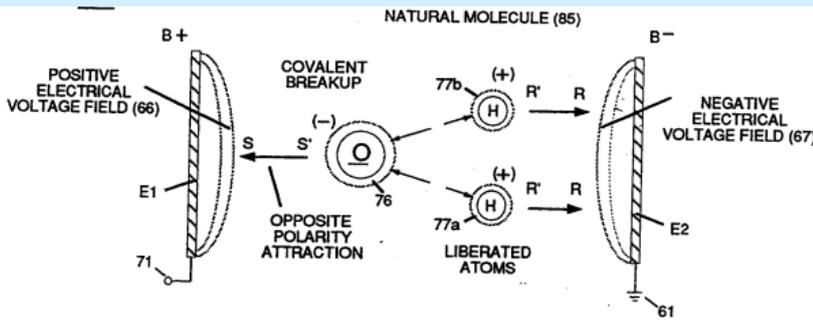


FIGURE 3-26: ELECTRICAL POLARIZATION PROCESS

At the same time stationary "

negative" electrical voltage field (67) (voltage plate E2) attracts positive charged hydrogen atoms (77a/b).

Once negative electrically charged oxygen atom (76) is dislodged from water molecule (85), covalent bonding (sharing electrons between atoms) ceases to exist, switching-off and disrupting electrical attraction force (qq') between unlike atoms (76/77), as further illustrated in (160) of Figure (3-26).

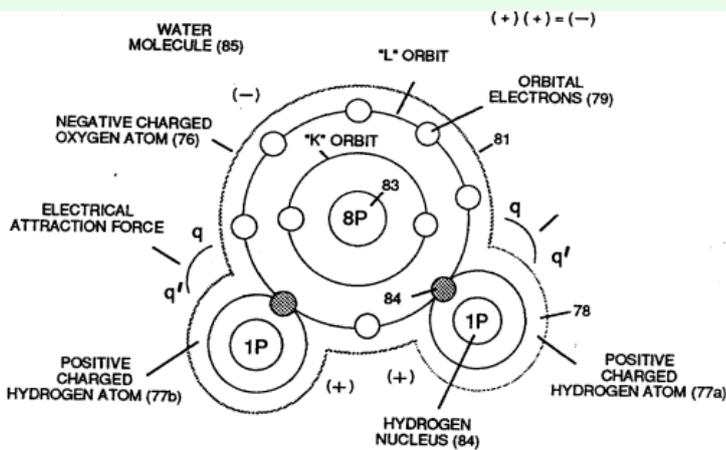


FIGURE 3-27: ELECTRICALLY CHARGED WATER MOLECULE

Opposite polarity electrical attraction

force (SS') continues to cause negative charged oxygen atom (76) to migrate to positive voltage-plate (E1) (positive voltage zone 66); while, at the same time, opposite polarity electrical attraction force (RR') causes positive charged hydrogen atoms (77a/b) to migrate in the opposite direction to negative voltage-plate (E2) (negative voltage zone 67) as step-

charging voltage-wave (65) increases in voltage amplitude from several millivolts to several hundred volts **during each pulse train** (65a xxx 65n) which, in application, causes **water molecule** (210) of Figure (3-27) charged atoms (76/77) to elongate (increasing distance between unlike atoms 76/77) to the point where **covalent hydrogen electrons** (84) of Figure (3-27) breaks away from **electrostatic force** (qq').

Repetitive duplication of **voltage pulse** (65a xxx 65n) continues to separate or split apart other **water molecules** (85a xxx 85n) which, in turns, forms **hydrogen** (86) and **oxygen** (87) **gas-mixture** (88) of Figure (3-24).

Dissociation of **water molecule** (85) by way of **voltage stimulation** (65) is herein called "**The Electrical Polarization Process**", as illustrated in (160) of Figure (3-26).

