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(54) Title: METHOD AND APPARATUS FOR ALTERING THE CHARGE DISTRIBUTION UPON LIVING MEMBRANES WITH FUNCTIONAL STABILIZATION OF THE MEMBRANE PHYSICAL ELECTRICAL INTEGRITY (57) Abstract A method and apparatus for altering the charge distribution upon living membranes with functional stabilization of the membrane physical electrical integrity further comprising a method for using submicroscopic, quadripolar, circular, center charged, energy balanced magnetic device in a four (4) magnet array of alternating polarity in which the magnetic poles are separated only by a distance which will allow a magnetic sphere of influence on all adjacent poles to suppress the firing of action potentials of mammalian sensory neurons. The method and apparatus further provides a static magnetic device for production of a magnetic field for treatment of various disorders. Further there is provided a static magnetic device for production of a magnetic field for treatment of disorders wherein the device provides a static magnetic pole of like polarity on the outer surface of the flux focusing ring adjacent to each of the 4 poles of the invention (focusing magnet) such that the end or top of the focusing magnet is oriented to the geometric side of the pole such that the axis of the two magnets form a 45 to 90 degree angle.		