

BIOPLASMIC ELECTRICITY GENERATOR (scientific and experimental study of the project)

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For over 200 years, it is known that biological structures generate weak electrical currents. Such currents arise in the tissues of living objects in contact with metal electrodes having different work functions of the electron (galvanic couple). From the point of view of biotermodynamics a significant portion of electric charges of living objects is not identical electrical charges arising in contact with the electrolyte electrodes.

Proof of the existence of free electric charges of living objects, obtained with the help of special capacitors with high input resistance to 10¹¹ ohms, led by Professor P. Gulyaev (1962 - 1973 he.). But scientists could not find the criteria for selection of electric charges on the background of biogenic origin of chaos electrostatics, which is formed on the dielectric surface. The problem of nutrient electricity was examined after creating biothermodynamic concept, explains the features of the space-energy status of living organisms. In this area, a very large contribution was made Professor N. Kobozev (USSR, Moscow State University) and Professor R. Mishra (India, Biophysical Center). Parallel in Kazakhstan in Kazakh State University under my guidance develops concepts bioplasma - the fifth state of matter. In the same direction in Lyublenskom University (Poland) 3. Professor Sedlak, J.Zon also develops theoretical and experimental bases of the concept of bio-plasma (1967 - 1999 gg.), Now published more than 300 scientific articles and several books on bioplasma (bibliography included).

According to our understanding, bioplasma, is a structure consisting of electric charges (electron-hole plasma) and particles of a real physical vacuum. Bioplasma is anti-entropic structure, ie it suppresses the entropy, which continuously exerts its destructive effect on biostructure. Bioplasma - the source of radiation: anti-entropic photons (mitogenetic radiation, Professor Gurvich) and also generates electricity anti-entropic. In contrast to the entropy of electricity that we use in everyday life, anti-entropic electric charges have their own unique spin structure, which has a high degree of stability. It is thanks to the anti-entropic electricity made many integration processes and implemented a new very high energy intensity of the living-unit structures (biogolonichnost). Differentiation of entropy and anti-entropy charge in a medium containing large amounts of electrolytes by the electrodes is an

impossible task. In the interaction of charges with entropy electron gas metal anti-entropic charges lose their unique spin characteristics and acquire properties of entropy of electric charges. Registration charges antientropic better at producing high-resistance biological structures: wood, wool, hair, bones, live objects that are in suspended animation at low temperatures, cellulose membranes of plant cells, seed coat, bacterial spores, fungi, etc. In this direction the studies on bioelektretnogo effect of internal electrical polarization phenomenon, which is stored in living facilities for many hours after removal of the external electric field. Bioelektret behaves like a magnetized material. There is every reason to believe that the very electric "memory" after the action of an external electric field is maintained due to the presence of electric charges in antientropic unique spin structure, which has a very high resistance to the action of sound, thermal, mechanical and other effects. In a state of hibernation, such processes are leading as they ensure the viability of the living organism in the almost complete absence of metabolism. At the same time the living organisms in a state of suspended animation, for example, plant seeds make up for the decline antientropic electric charges under the influence of external factors of degradation due to the generation of electricity under the anti-entropic effects of fluctuations in the external electric field, "The ionosphere - the Earth", as well as fluctuations in the electrostatic field of geophysical field localization living facilities are in suspended animation. We conducted numerous experimental studies on the effect of fluctuations on the generation of geophysical electrical charges and anti-entropic entropic nature of living organisms in a state of suspended animation or mezabioza. It was proved that living biomass being in suspended animation can generate electric potentials from 100 to 1500 mV with a load current of 0.1 mA to 50 mA. Consequently, the question arose of creating microscopic model bioplasmic generator of electricity, which could transform the energy of the external electric field, "The ionosphere - the Earth" in electricity. Studies have shown that the efficiency of the generator can be increased by an order in certain geophysical zones where cold plasma concentration of charges of rocks can vary by tens of times when the fluctuations of the geomagnetic field, etc. Studies have shown that mikrobioplazmennyy generator stably maintains its electrical parameters for 15 years, particular importance is the preservation of biotechnology bioplasma plant material (know-how), methods of isolation from the destructive effects of atmospheric oxygen and electromagnetic fluctuations. To reduce the effects of electromagnetic fluctuations using high-resistance mineral shell made of carbon and certain varieties of the mineral zeolite. This shell has its own volume electrostatic charge, which carries a damping function in relation to the body of a living object bioplasmic in suspended animation.

It is known that there have been attempts to use plant material to produce electricity. Since it is known that the action of light on the surface of the green leaves of a plant, such as corn occurs fotoindutstsrovanny electric potential to a few tens of millivolts (Maslobrod 1972 -1980gg.) Moreover, calculations show that if the polyethylene film with a conductive spray coated with a thin layer green chloroplasts isolated from the leaves of plants, there is a geliobatareya capable of

generating power at 1 kilowatt with 10m. However, the disadvantage of this method is the rapid destruction due to photooxidation of chloroplasts and chlorophyll, ie The lack of stability of the electric generating element. This drawback is overcome by using a fundamentally new technology using biomass in suspended animation for generating electricity in the "ionosphere-Earth." Scheme 1 shows the structure bioplasmic generator and its relation to the generated power to 250 kW (250 kW), a generator consists of a metal housing of the 0.5 cube in a housing located bioplasmic modules with electric generated power to 2 watts. Made of 125 such modules, all the modules are connected in series to obtain the total power of 250 kW. Modules sheathed mineral insulated uglerodosoderzhachebgo material doped zeolite, and other ingredients. At the output of the module is strengthened electrical panel with kontrolno-izmeritelnymi appliances - millivoltmeters and micro-ammeter. The voltage from the generator bioplasmic served on the battery, which has a checker board and two load terminals therefore bioplasmic power plant consists of two blocks: the first block and the second generation of the electricity accumulating unit of electricity. Bioplasmic generator - the first unit - is set to active geophysical zone, which is determined by the special biophysical expertise bioplasmic after installation of the generator in the active zone of geophysical current generation is supplied to the battery, which is represented by the silver-liteivym battery. After charging the battery for 20 hours of connection of the load is carried in the form of light bulbs in the 50 - 100 watts transistor radio, etc.

In the middle zone and the northern regions bioplasmic generator installed in earthen pits, and the wall of the generator using the heat insulating foam, which ensures stable operation of the generator prirazlichnyh temperature fluctuations.

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