Revolutionary technologies for the transmission of thoughts and biosignals in PRK-1U, PRK-1UM, and PRK-1UG devices to ensure eternal life for all: scientific and practical justification.

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The original text is the Russian text by Grigori Grabovoi: Russian original (PDF)

1. The three-mode PRK-1UM device of development of concentrations of eternal life, created by Grigori Grabovoi, and the methods applied in the device have a scientific justification for the application of the biosignal and of thought radiation.

1.1. Evidence that human thoughts create a signal that can be detected by an optical detecting unit, and the scientifically proven theoretical and practical basis, recognized by the scientific community, substantiating the creation by thoughts of a signal that can be detected by an optical detecting unit.

The scientifically proven theoretical and practical basis, recognized by the scientific community, substantiating the creation by thoughts of a signal that can be detected by an optical detecting unit. Evidence of the presence of the technical details of the configuration and functioning of the device that carries out such detection.

1.1.1. Objectively recordable biosignals interacting with the external optical and electromagnetic environment.

Modern science confirms the existence of biophoton and neurophoton radiation created by the cells of living organisms and by human brain activity. This radiation constitutes objectively recordable biosignals that interact with the external optical and electromagnetic environment. Confirmation of this is contained in the following peer-reviewed publications:

- Chang, J.-J., Fisch, J., & Popp, F.-A. (Eds.) (1998). Biophotons. Springer, Dordrecht. DOI: 10.1007/978-94-017-0928-6 — it has been proven that human cells emit coherent photons possessing quantum properties.
- Bókkon, I., Salari, V., Tuszynski, J.A., & Antal, I. (2010). Journal of Photochemistry and Photobiology B: Biology, 100(3), 160–166. DOI: 10.1016/j.jphotobiol.2010.06.001 — it has been established that mental activity is accompanied by neurophoton emission perceived by the photon structures of the brain.
- Persinger, M.A. (2012). Frontiers in Integrative Neuroscience, 6:19. DOI: 10.3389/fnint.2012.00019 — it has been experimentally confirmed that human mental activity induces electromagnetic oscillations that interact with light and external fields.

1.1.2. Proof through scientific experiments that thought is material and can manifest itself through radiation.

Wave–particle duality is a property of nature consisting in the fact that material micro-objects can, under certain conditions, manifest the properties of classical waves and, under other conditions, the properties of classical particles. Numerous scientific experiments have proven that thought is material and can manifest itself through radiation, and that the power of thought is capable of producing many actions that can be recorded by objective means. The physicist Boris Isakov established that human thoughts are

material; moreover, according to the results of his calculations, their mass ranges from 10^{-39} to 10^{-30} grams. When speaking of thinking, it is impossible not to take into account the phenomenon of consciousness and the specific features of its interaction with the external world. According to Academician Vernadsky, it is necessary to recognize the influence of consciousness on the phenomena occurring in real space. And the physicist C. Weizsäcker wrote that "consciousness and matter are different sides of one and the same reality."

The American scientists R. Jahn and B. Dunne, in their book "Margins of Reality", offer the following considerations: "Physical theory cannot be completed until human consciousness is recognized as an active element in the establishment of reality." Thousands of positive results of work with the PRK-1U, recorded and posted on social networks, confirm that human consciousness, expressed among other things through thoughts, is an active element in the establishment of reality. Modern science has established that thought possesses an energy potential capable of interacting directly with the objects and subjects of the material world. Scientists from the American University in Queens conducted an experiment in which volunteers sat in the center of a room while another person's gaze was periodically directed at the back of their head. Approximately 95% of the subjects noted that they distinctly felt the effect of the gaze upon themselves, as "a fleeting pressure on the back of the head."

The theory and practice of energy-information structures are currently used to explain the principles of the operation of human thought. Thought is regarded as a powerful source of information programs which, upon being incorporated into the energy-field structures of the organism, correct the program of vital activity. Human energy-information structures, in accordance with this, are interconnected with other energy-information structures. To explain the energy-information theory, Professor A.F. Okhatrin established the presence of particles — microleptons — from which thoughts are formed. The characteristics of these particles correspond to the radiations of the human body — biosignals. Such particles can freely penetrate bodies and objects, transmit light, and even be perceived by the organs of sight. Okhatrin succeeded in experimentally confirming the existence of microlepton fields. In the course of the experiment, the scientist asked a female psychic to "radiate a certain field," while transmitting information to her. The entire process was recorded by a special photoelectronic device. The photographs showed how "something like a cloud separates from the luminous envelope surrounding the woman and begins to move independently." According to the scientist, such "thought forms" in the form of biosignals, saturated with certain moods and emotions, are capable of influencing people.

The problem of transmitting thoughts at a distance has troubled more than one generation of scientists. As early as the end of the 19th century, the British physicist William Crookes mathematically substantiated the "wave theory," which posited the existence of "etheric" waves of small amplitude, "penetrating" into the human brain and capable of evoking in the recipient's consciousness an image similar to the original one. Sigmund Freud, too, established the possibility of the direct transmission of thoughts from person to person. Through scientific experiments he established that one of the properties of telepathy as a rudimentary means of communication between people is "a physical process that has become psychical at both ends of the communication chain." The American geneticist Bruce Lipton asserts that concentration of thought, multiplied by true faith, is capable of normalizing matter. Lipton's experiments showed that mental influence is capable of normalizing the genetic code of the organism, that is, of manifesting itself as a normalizing biosignal for the genes.

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In the late 1980s, the geneticist conducted experiments to study the behavior of the cell membrane. In 2009, scientists from the USA and Argentina, drawing on the wave manifestation of thought, created a system for recognizing "mental speech," capable of "voicing" thoughts by means of a special synthesizer. Thanks to this development, the scientists gave a paralyzed young man the ability to communicate. Italian scientists went further and created a prototype of an electric wheelchair capable of moving in any direction solely through the power of thought. The head of the project, Matteo Matteucci, explained that the wheelchair is equipped with a helmet that reads the electromagnetic signals of the brain and transmits them to the motor. At the Institute of Radio Engineering and Electronics of the Russian Academy of Sciences, whose scientific director was the physicist and academician Yu. V. Gulyayev, a special video camera made it possible to record the wave radiation of thought.

1.1.3. Previously granted patents as the scientific and technical basis describing optical systems based on the transmission of the operator's biosignal and of thought radiation.

There also exist 4 invention patents granted to Grigori Grabovoi that describe optical systems based on the transmission of the operator's biosignal and of thought radiation, and that constitute a direct scientific basis:

- RU2148845C1 — "Method for preventing catastrophes and device for its implementation", published on 10 May 2000. It describes an optical system containing crystalline elements arranged along the direction of radiation propagation and placed in a glass sphere. The device is intended for the prediction of catastrophes in a given zone and uses the user's biological signal, which is fed to the optical elements. The scientific and theoretical justification, and the results of the experiments that confirmed the scientific and theoretical justification, are set out in the description of this patent.

- RU2163419C1 — "Information transmission system", published on 20 February 2001. This patent is based on the principle of similarity and describes a data transmission system with a signal transmitter that receives thought radiation, made in the form of spherical glass sensor elements, and a signal receiver located at a distance. Such a design ensures high reliability and resistance to interference in the transmission of the biosignal.

- US 12,144,599 B2 - DEVICE OF DEVELOPMENT OF CONCENTRATIONS OF ETERNAL LIFE PRK-1U IS OF THREE-MODES. (Device of development of concentrations of eternal life PRK-1U, three-mode). The information set out in the claimed part of the patent, in the claims of the invention, implements what is stated in the title of the patent, has been scientifically and practically proven and is set out in the detailed description of the patent, which contains the technology for ensuring eternal life for all through the development of concentrations.

- 1010960 - "Η συσκευή είναι τριών τρόπων και μπορεί επίσης να αναφέρεται ως συσκευή συγκέντρωσης στην αιώνια ζωή PRK-1UM τριών τρόπων." (The device is three-mode and may also be referred to as the three-mode device of concentration of eternal life PRK-1UM). The three-mode device for the development of concentration detects the generation of biological signals and electromagnetic fields formed from the electromagnetic waves created by the user, in accordance with the principle of universal connection with control of the goal of concentration by means of artificial intelligence (AI).

From the analysis of these patents it follows that they substantiate the technical feasibility of a device comprising:

- an optical sensor unit with one or more lenses;
- a system of sensing elements configured to capture the biological signal, thought radiation from the user;
- the formation of an output signal on the basis of the combination of the biosignal and electromagnetic interactions.

Thus, at the highest level of world scientific and technological progress, to which these inventions belong, the four patents for the inventions of Grigori Grabovoi RU2148845C1, RU2163419C1, US 12,144,599 B2, 1010960, in connection with which the device of development of concentrations of eternal life PRK-1UM was created, form a basis, confirmed by documentation, for the inventions PRK-1U, PRK-1UM, ensuring continuity and the scientific and practical reliability of the operating principle of the device. This also applies to the device of development of concentrations of eternal life PRK-1UG, which continues this continuity.

The inventive step of the utility model DE 20 2024 103 073 U1 registered by Grigori Grabovoi accelerates implementation and attests to the application of all methods of realizing the technologies.

1.1.4. Mathematical approximation of mental radiation using the concepts of "information signal" or "wave function".

Devices capable of automatically adapting to operating conditions, self-regulating, and performing complex tasks are also considered complex. The PRK-1U device, created in accordance with Grigori Grabovoi's patents for inventions "Method for preventing catastrophes and device for its implementation", which describes the use of the biosignal, and the patent for the invention "Information transmission system", which describes the functioning of a system of devices using mental radiation, automatically self-regulates in the electromagnetic field created by the precisely calculated parts of the device and by the optical medium in the form of lenses and distances between the parts and surfaces of the device. In the physico-mathematical calculations of this, calculations of the radiation angle factors are used according to the reciprocity condition, which is applicable to any two bodies in space exchanging radiation. By introducing the concept of "mutual radiation surfaces", it is possible to obtain an expression for the closure condition. Considering a closed system consisting of three surfaces, one can regard the first surface as radiating, and then find the radiation energy falling on the second surface, and the radiation energy falling on the third and the first surfaces respectively.

This approach makes it possible to calculate the radiation angle factors between the elements of the PRK-1U. The radiation angle factors are calculated by means of quadruple integrals using the Runge–Kutta method, which requires the use of high-speed electronic computers. In each PRK-1U device the arrangement of the lenses differs from the arrangement of the lenses in all the other PRK-1U devices, and therefore individual calculations of the radiation angle factors are carried out for each device. As a result of these calculations, not only are the three lenses positioned individually on the surface of the device, but the arrangement of the components of the electrical circuit and of the optical elements on the threads inside the device housing is also specially optimized in advance. Taking into account the weak radiation of thought ensures high accuracy of the calculations. Mathematically, an approximation of mental radiation is applied for the calculation of the processes described in the patent, using the concepts of "information signal" or "wave function". In physics and mathematics, information can be represented in the form of signals, which can be described by means of equations.

The following actions are used:

1.) "Mathematical representation of the signal": thought is represented as an information signal that can be described by a wave function.

2.) "Transmission of information". The process of information transmission is described using the equations of wave synthesis. The well-known equation

$$i\hbar \frac{\partial \psi}{\partial t} = \hat{H}\psi$$

is used, where

$$\hat{H}$$

is the Hamiltonian of the system, which is used to model the evolution of the wave function over time. Maxwell's equations are used to describe electromagnetic waves capable of carrying information. The principles of interference and coherence of waves are also used for the physico-mathematical model of information transmission.

1.1.5. Determination of the mutual radiations constituting the general optical and wave model of the physical process occurring during the operation of the PRK-1UM.

Methods are known for recording the dynamics of thought radiation depending on the intensity of thinking and on the connection of thinking with the objects of thinking. This makes it possible, by calculating a quadruple integral using the Runge–Kutta method, to compute the angle factors that allow the determination of the mutual radiations constituting the general optical and wave model of the physical process occurring during the operation of the PRK-1UM. Since in quantum mechanics wave properties are inherent not only in light but generally in any bodies (including any microparticles, among them microparticles relating to the electromagnetic field), the equation describing one of the physical processes in the PRK-1U has the form of the Schrödinger equation:

$$i\hbar \frac{\partial}{\partial t}\Psi(\vec{r}, t) = \left[-\frac{\hbar^2}{2m}\nabla^2 + V(\vec{r}, t)\right]\Psi(\vec{r}, t)$$

Considering the indicated physical process in connection with the equation given in the published scientific work of Grigori Grabovoi "Applied structures of the creating area of information" E=V*S, (where E is energy; V is volume; S is the speed of perception of volume), it is possible to calculate the energy and the speed of development of concentrations of eternal life.

In physics, such idealized concepts as material points, point charges, magnetic dipoles and so on are constantly used. In reality, masses or charges concentrated at a point are not detected. When one speaks of a material point of mass 1, this is an idealized model of a sphere of sufficiently small radius ε and mass 1. If there are no other masses in space, the density of matter in space will be distributed according to a certain law, related to $\delta_\varepsilon(x)$. In the theory of generalized functions there is a definition of weak convergence of functionals. In accordance with it, one can determine the dynamic process of interaction of the weak radiation of the element of thinking located in the glass lens and interacting with the matter and the shape of the lens. The external shape of the lens refers to macroprocesses and determines, for

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the radiating outgoing signal, the vector of its propagation. By also applying the theory of functions of a complex variable in the calculation part, it is possible to calculate how the weak optical signal of thought radiation, reflected in the lens, exits the lens amplified.

To describe the connections between microprocesses and macroprocesses, one should consider, as set out in the scientific work "Applied structures of the creating area of information", the organizing applied creating structure of consciousness. "The division of consciousness into a perceiving and a non-perceived part organizes two projections:

(3.3) m(t)=m(x,y,z(x,y,z)),

(3.4) m(x,y)=m(t(x,y,z)),

where m (t) the mass (measurable) expenditure of time; m(x,y,z) the mass of space, with the condition of a change of the coordinate z, upon a change of the consciousness of the one perceiving the infinitely remote area. The expenditure of the mass of time is related to the change of consciousness in the area of control according to the following dependence:

(3.5) t(m1,m2,m3)=t1(k3)+S(k3+278/(k1 +248-5*k) - 428*k2),

where m1,m2,m3 the projections of time onto the corresponding coordinates x,y,z; t1 the time of the change of consciousness outside the area of direct (conscious and controlled) control; S the function of consciousness; k the interval of stabilization of consciousness upon the perception of the formulas of the creating area.

(3.6) k=m3(x, y, z(x,y)) ,

The mass of an event, measured as the total mass of all the elements of the event, is distributed over the time interval at the points delimiting the interval. Therefore, the connection between the processes of the micro and macro levels can be found at the boundary points of the time interval of the controlling medium:

(3.7) G(x,y,z,t)=g(t(x,y,z)) ,

where G of the macrolevel; g the events of the microlevel. From the above event it follows that an object that knows how to control discrete levels of consciousness and perception, at the level of the boundary phenomena of micro- and macroprocesses, can create any informational and, consequently, material medium." Therefore, the intensity of the radiation of the outgoing signal from the glass optical lens is regulated by the intensity of the thought radiation of the focused concentrations by means of concentration on the lens.

1.1.6. Scientific justification of the interaction between thought and laser radiation

Contemporary research (Fritz-Albert Popp, 1998; Bókkon et al., 2010; Persinger, 2012) confirms that the human brain emits photons and electromagnetic fields that reflect the activity of consciousness. In the PRK-1UM and PRK-1UG devices, these radiations are amplified by means of the multiple reflection of laser radiation, which functions as an optical resonator. Thought radiation, entering into resonance with the photon flux of the laser, amplifies its own energy, which is consistent with Einstein's equation $E = mc^2$. The laser system in the device operates as a multitude of mirror surfaces that reflect and stabilize cognitive radiation. Within the framework of Einstein's general theory of relativity, gravitational effects are caused not by force interaction, but by the deformation of space-time associated with the presence of mass-

energy. Thus, the mental representation and the physical observation of laser radiation in the PRK-1UM device amplify the mass-energy of perception.

The energy of the thought impulse enters into gravitational interaction, connecting with the photon field of the laser according to the equations of the gravitational field:

$$G_{\mu\nu} = \frac{8\pi G}{c^4} T_{\mu\nu}$$

where $T_{\mu\nu}$ describes the energy-momentum of matter, radiation, and mental activity. In this model, thought is considered as a function of the physical body of the human being interacting with the gravitational field. Consequently, the PRK-1UM device implements a mechanism of amplification of the energy of thoughts in the gravitational-optical continuum, which confirms the scientific validity of the operating principle of the device. Thus it is established that thought is reflected from laser radiation as from a system of many mirrors, thereby amplifying the mass of thought. In Einstein's general theory of relativity, gravitational effects are caused not by the force interaction of bodies and fields located in space-time, but by the deformation of space-time itself, which is associated, in particular, with the presence of mass-energy. The mental representation of laser radiation is multiplied in the mass-energy of perception only when observation with the physical sight of the safe laser radiation in the PRK-1UM device is added. The processes related to laser radiation are realized with the characteristics of the speed of light. This is described by Einstein's equations — the gravitational field equations that underlie the general theory of relativity and that connect the components of the metric tensor of curved space-time with the components of the energy-momentum tensor of the matter filling space-time. The energy of the thought impulse includes within itself the properties of the human physical body, while curved space at the speeds of light connects, through the gravitational field, the energy of the thought impulse with the energy of laser radiation. According to the mathematical model constructed on the basis of Einstein's equation, in the PRK-1UM device thought is amplified in the lenses, in the electromagnetic field, and additionally in the laser radiation, since it is located within one set together with these amplifiers of the space curved in accordance with the parameter of the speed of light. In this set, the nature of thought may be considered as properties or a function of the physical body of the human being interacting with the gravitational field. Thus, in the mathematical model of the operation of the PRK-1UM device, constructed on the basis of Einstein's general theory of relativity, the physical principle of the propagation of thought as weak radiation is not used; rather, what is used is the interaction, in the gravitational field, of the physical body of the human being with the properties or functions of thinking.

1.1.7. The principle of similarity and the physico-mathematical justification of the device

The claimed invention employs the principle of similarity, based on the theory of wave synthesis in combination with the theory of unified reality, both developed by Grigori Grabovoi. See the dissertation of G.P. Grabovoi, "Research and Analysis of the Fundamental Definitions of Optical Systems for the Forecasting of Earthquakes and Catastrophes of Industrial Facilities." — Moscow, RAEN Publishing House, 1999, pp. 9–19. See also the publication: "Research and Analysis of the Fundamental Definitions of Optical Systems in the Prevention of Catastrophes and in Forecast-Oriented Control of Microprocesses." — Electronic Devices, series 3, Microelectronics, 1999, issue 1 (153). These works constitute the physico-mathematical basis for systems that use optical processes as the foundation for the transmission and

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amplification of human biosignals. It is precisely upon these theories that the architecture and the algorithmic model of the operation of the PRK-1U, PRK-1UM, and PRK-1UG devices are built.

1.1.8. Practical reproducibility and confirmation of effectiveness

A collection of results from the use of the PRK-1U and PRK-1UM devices, signed by hundreds of users, has been published on the international Amazon platform. The results are also published on the website http://educenter.grigori-grabovoi.world/course/index.php?categoryid=30

These facts confirm the effectiveness and the conformity with the declared functions. This constitutes confirmation of the industrial applicability and reproducibility of the invention.

1.1.9. Application of the methods of generally known orthodox higher mathematics and physics for the scientific justification of the invention.

Grigori Grabovoi applied the methods of known orthodox higher mathematics and physics, in which he has been a specialist since graduating from the Faculty of Applied Mathematics and Mechanics of Tashkent State University. The physico-mathematical equations substantiating the described patents have been repeatedly verified and published in scientific publications, and quantitative solutions have been obtained for them. The operability of these inventions has also been confirmed by the results of experiments. The scientific article by G.P. Grabovoi, containing the physico-mathematical justification and the confirming calculations, has been published in the scientific journal "Electronic Technology": https://licenzija8.wordpress.com/science/

The editorial office of the journal, together with well-known scientists, verified the physico-mathematical theory of G.P. Grabovoi, his calculations and the experimental results confirming the calculations, after which it published his scientific article. The editorial board of the journal includes: Editor-in-Chief – Academician of the MAI, Doctor of Technical Sciences, Professor Yu.N. Dyakov.

Doctor of Technical Sciences E.V. Avdeev, Candidate of Technical Sciences D.V. Ya. Bartenyev, Doctor of Technical Sciences A.S. Bondarevsky, Doctor of Physical and Mathematical Sciences V.D. Verner, Doctor of Technical Sciences S.A. Garyainov (Deputy Editor-in-Chief), Candidate of Technical Sciences D.V. L. Dshkhunyan, Candidate of Technical Sciences D.V. N. Dyagilev, Doctor of Technical Sciences A.V. Emelyanov, Doctor of Technical Sciences L.A. Ivanyutin, Doctor of Technical Sciences G.G. Kazennye, Doctor of Technical Sciences B.I. Kazurov, Corresponding Member of the Russian Academy of Sciences G.Ya. Krasnikov, Doctor of Technical Sciences V.E. Minaychev, Candidate of Technical Sciences A.A. Popov, Candidate of Technical Sciences D.A. Rudenko, Doctor of Physical and Mathematical Sciences T.D. Shermergaard, Candidate of Technical Sciences D.A. T. Yakovlev

1.1.10. The device uses artificial intelligence, whose application in the device pertains to a new state of the art.

The protocol of observation of the artificial intelligence function of the PRK-1U, which also applies to the PRK-1UM: https://self-defense-legal.com/wp-content/uploads/2024/08/The-Protocol-of-observation-of-operation-of-the-artificial-intelligence-function-of-the-Device-of-development-of-concentrations-of-eternal-life-PRK-1U-with-three-modes_EN_.pdf

1.1.11. An independent scientific and technical expert examination carried out with respect to the PRK-1UM device proved the conformity of the PRK-1UM with the declared functions:

https://self-defense-legal.com/wp-content/uploads/2024/11/20241105_Nauchno-tekhnicheskaya-ekspertiza-sootvetstviya-pribora-PRK-1UM-zayavlennym-funkciyam.pdf

2. Conclusion

The totality of the data presented — previous patents, dissertation and publication sources, independent scientific and technical expert examinations, research in cognitive electrodynamics and the general theory of relativity, as well as the practical results of users — proves:

- the presence of scientific justification;
- the physico-mathematical validity of the inventions;
- the industrial feasibility and reproducibility of the functions of the PRK-1U, PRK-1UM, PRK-1UG devices implementing the technologies of thought radiation and biosignals to ensure eternal life for all.

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