"Radiant energy", "Fire from ice", or "Zero Point Energy"?

There is no doubt that "Free" energy would change the world more than any invention in the history of our civilization. The ability to use some "Cosmic Energy" or energy from the ether, vacuum, "zero point",..., and even from water - by non-destructive processes that do not pollute the planet and do not disrupt natural ecological processes - whereby this "free energy" would be available to all – would stop the destruction of the Blue Planet, disrupt bio-processes and enable a new technological "quantum leap" and lead to progress of unmeasurable proportions in all aspects of life - from physical well-being to the creation of an extremely humane social order.

Therefore, it is not surprising that stories about Tesla's car on Radiant Energy "Pirs Arrow" can be heard for a whole century; about Thomas Henry Moray's "Super-ultra-sonic energy synchronizer", a device capable of "synchronizing with the vibration of the energy of space and converting the kinetic radiation of the cosmos of high frequency and high level, by means of synchronization, into usable frequencies and voltages"; about Edwin V. Gray's ""Cold electricity"; abouto water-powered cars like the famous Stanley Alen Meyer's buggy; about Eugene Franklin Mallove's "Cold Fusion" projects, about dr. Alvin Weinberg's "GALT chemical reactor with liquid thorium" ..., but also about the fact that oil companies, the auto industry and large corporations in general are doing everything to prevent the occurrence of these and such inventions ...

On the one hand, as "conspiracy theorists" (③) believe, the mighties are ready to block realistically achievable innovations and patents by buying them from inventors in order to "push them into a drawer" and thus hide them from the public eye. On the other hand - it is an indisputable fact that most of those who discovered some form of "free energy" ended their lives under some mysterious circumstances.

However - true or not - we have been driving cars using fossil fuels for more than a century and we get energy in various ways, all of which are based on destructive processes, detrimental to the ecology of the planet and life on it. The only "constructive" process of generating clean energy known to our science is nuclear fusion - but, unfortunately, we have not yet mastered the control of that process. So - the only thing we are used it for (for now) is - a hydrogen bomb - so again destruction of enormous proportions.

From the aspect of official science "Perpetuum mobile" - is not possible because its existence is contrary to the first law of thermodynamics. However, the idea of the existence of the so-called "Free energy" devices that in my opinion could be a kind of "energy converters" - should not be completely discarded.

Nikola Tesla's legacy certainly testifies to this, although many of his most controversial and certainly most valuable ideas have been neglected and abandoned as simply "impossible and unattainable" because they "oppose" the knowledge of official science.

Namely, as we know, Tesla's technologies are based on the concepts of the ether, and the official position of science is that the ether does not exist. I have written about this topic in several texts and with this topic I recommend the articles: "That's what Tesla said" [1], "About the ether" [2] and Nikola Tesla - the founder of the physics of the future [6].

Tesla's completely undoubtedly intuitive genuality is best illustrated by his speech in "American Institute of Electrical Engineers", New York, 1891, Quoted from his biography:

"Ere many generations pass, our machinery will be driven by a power obtainable at any point of the universe. This idea is not novel. ... We find it in the delightful myth of Antheus, who derives power from the earth; ... Throughout space there is energy. Is this energy static or kinetic! If static our hopes are in vain; if kinetic — and this we know it is, for certain — then it is a mere question of time when men will succeed in attaching their machinery to the very wheelwork of nature."

That such a "Wheel" really exists was shown by the famous Russian astrophysicist Dr. Nikolai Aleksandrovich Kozyrev (1908-1983), the most controversial figure in the history of Russian and modern science. Until the fall of the "Iron Curtain", his work was the greatest scientific and state secret. In his doctoral dissertation, N.A. Kozyrev showed that the Sun could NEVER produce such a large amount of energy that it has been emitting for millions of years based on the process of thermonuclear fusion - as official science interprets it. In his opinion, "The sun (and other stars) is a machine that" turns the "flow of time" /GM: analogy of the ether/ into light and heat." ...

In numerous experiments carried out during the 1950s, Kozyrev <u>unequivocally proved the existence of invisible</u>, etheric physical matter characterized by non-electromagnetic and non-gravitational properties, which <u>even exhibits elemental consciousness</u>.!!! As a curiosity, I mention the fact that his unusual experiments have been scientifically verified by many other researchers (Klaus Volkamer, E. Eganova, S.M. Korotaev).

One of Nikola Tesla's extremely controversial patented devices, in addition to the famous "Magnifying Transmitter" from Colorado Springs and the even more famous "Wardenclyffe Tower", is a device for using Radiant Energy. Unfortunately (and perhaps fortunately?), apart from a few documents in which he defined only the basic principles, more detailed data on the results he achieved are not available.

In his US Patent 685,957, "Apparatus For The Utilization of Radiant Energy", Nov. 5, 1901, he gave a schematic description of the apparatus, a technical description of its elements and their function. The principles of work and the applied methodology he explained in the patent US685,958, "Method of Utilizing Radiant Energy", November 5, 1901.

In that document, Tesla says:

"It is well known that certain radiations - such as those of ultra-violet light, cathodic, Roentgen rays, or the like - possess the property of charging and discharging conductors of electricity, the discharge being particularly noticeable when the conductor upon which the rays impinge is negatively electrified. These radiations are generally considered to be ether vibrations of extremely small wave lengths, and in explanation of the phenomena noted it has been assumed by some authorities that they ionize or render conducting the atmosphere through which they are propagated. My own experiments and observations, however, lead me to conclusions more in accord with the theory heretofore advanced by me that sourced of such radiant energy throw off with great velocity minute particles of matter which are strongly electrified, and therefore capable of charging an electrical conductor, or even if not so may at any rate discharge an electrified conductor either by carrying off bodily its charge or otherwise."

Tesla's consistency and principledness are well known to us, and that is why I am quoting another of his statements given some 30 years later. In an article published in "New York American", Nov. 1, 1933, under the title "Device to Harness Cosmic Energy Claimed by Tesla" Tesla stated: "This new power for the driving of the world's machinery will be derived from the energy which operates the Universe, the cosmic energy, whose central source for the Earth is the Sun and which is everywhere present in unlimited quantities." Tesla was talking about energy from the 'active medium' and he was absolutely convinced when he stated: "Electric power is everywhere present in unlimited quantities and can drive the world's machinery without the need of coal, oil, gas, or any other of the common fuels".

This his statement would still be a sufficient reason to completely lose the affection of official science and potential investors. It is very interesting that many other documents and devices of many experimenters who used these Tesla or similar principles of work, were mostly destroyed or simply disappeared. ...

That Tesla's research was extremely intriguing, according to some even bizarre, was still very interesting to the American government - says the fact that after Tesla's death on January 7, 1943. (possibly even on January 5, and most likely on January 6...) The FBI confiscated ALL of his property, all documents, drawings, sketches, down to the smallest records,..., from bed to slippers and pajamas,..., no body, not even a voice, ..., Which has not happened to any single scientist on this planet...

Of course, Nikola Tesla is not the only scientist mentioned when it comes to researching (and disabling) the exploitation of free energy and its wireless transmission.

According to scarce records, Thomas Henry Moray, an inventor from Salt Lake City, was one of the first in Utah to make a kind of "cosmic energy" converter based on Tesla's patents - the famous "Thomas Moray Radiant device". [3].

What sets Thomas H. Morey apart from all other Free Energy researchers is that there are indeed very numerous witnesses, of various professions, of a series of his experiments in which he has demonstrated the operation of his devices throughout America. According to the scarce descriptions available to the general public, the operation of these devices is based on a kind of "transmutation" because silver and copper rods were used, which were "consumed" during operation. Witnesses were free to inspect, touch and measure all parts of the device, except for the most important part: "Morey's diode". In addition to two coils, a step-down transformer - 1000: 1 ratio - and several capacitors of different sizes, the device used several very special electronic tubes of strictly predefined purpose and physical position in the device. What remains as the biggest secret is the "detector" and the fact that Morey's electronic tubes did not use thermo-ion emission (they did not have a heating fiber) but (some?) a radioactive source.

The whole device was the size of a small suitcase, weighed about 20 kilograms, and for tens of hours it continuously powered consumers (mostly light bulbs) with a total power of 50,000 W! What is unusual is that when the iron was also connected (additional 1000 W), the bulbs did not show the slightest change in brightness; in doing so, the light they emitted was pure white, "at the blue end" of the spectrum, and not as usual - at the yellow. Large dark rings, described as a "circle of black fog" or "own shadow" of a light bulb whose entire "interior" looked "white incandescent", can be seen in photographs of light bulbs powered by

radiant energy. It is very interesting that classical voltmeters or ammeters could not measure the existence of radiant energy. What is even more unusual, all the large consumers (a few kilowatts) were powered by conductors of DISPROPECTLY small diameters, and, moreover, they were <u>quite cold!</u> With that (cold?) Energy, the engines could be started, but they were wound a little differently than the classic ones, where they had over 36,000 revolutions per minute, they did NOT heat up during operation, and a purple aura could be seen around them in the dark ...

In his speech at Valley State College, Northridge, California [4] T.H. Morey emphasizes the importance of invisible radiation coming from the sun and from space in general, fairly evenly distributed from all directions, only slightly more intense in the polar regions than at the equator, which he called *"Radiant Energy"*. These radiations occur in a very wide range of frequencies, and each frequency has its own independent beat rate. For the successful operation of the apparatus, Morey emphasizes the extremely great importance of harmonization and synchronization of all segments of the apparatus with radiation from space, where the concept of resonance is crucial - so exactly the same principle whose importance is indicated by Tesla [6].

Where is the "source" of that "Radiant Energy" used by T.H. Moray and what was it like? According to the inventor himself: "Mr. Moray believes there exists a band of vibrations or waves beyond the light rays".

Tesla's descriptions of the sun as an inexhaustible source of radiant energy, given at the beginning of this text, obviously indicate exactly the same phenomenon. Affinity of Energy Phenomenology of T.H. Morey's "energy synchronizer" with Tesla's ether technologies is also confirmed by Tesla's words that he gets energy "by cooling the ether", as well as his even more controversial statement - that "Light can be nothing but longitudinal disturbances of the ether in the form of alternating compressions and expansions". In other words, light cannot be anything other than a sound wave in the ether."

Likewise, the original words of T.H. Morey points to a full analogy with Tesla's notion of Reality: "Where the ether is calm and motionless we see nothing. <u>Light causes vibrations of the ether</u> and that is what our eyes detect. All substances are in fact a combination of one primordial substance, i.e. <u>electricity is a specific modification of ether.</u> ... As I said, these oscillations are not ordinary electrical oscillations but surgings with a definite beat note of the evolution of matter and the evolution of energy, a very high frequency <u>and a speed</u> that most likely exceeds the speed of light."

It ilt is no wonder, then, that modern science looks at such statements with scorn. However, despite all their arrogance, they remained "thousands of kilometers" and a whole century behind Tesla's ethereal technologies " ...

T.H. himself speaks about the truly extraordinary controversy of his apparatus - which nevertheless functioned in practice: "In the early morning of September 3, 1926, I successfully produced a "sound detector device" for the first time. After months of working in the laboratory, it was possible to "pick up" conversation and music from an area thousands of meters away from the laboratory. One interesting test with this device was done in the presence of attorney R.L. Judd, and his son, Thomas Judd, and E.G. Jensen, all from Salt Lake City, Utah.

In October 1929, a scientist from Russia, Dr. AA Yakalov came to the lab to make sure the "Radiant Energy" equipment was working as well as listening to the conversations provided by "Sound Device".

Conversations heard on the "Sound Device" in the lab took place some five miles from the lab, at Denver and Rio Grande train stations in Salt Lake City. " ...!?

Such claims are absolutely inexplicable by conventional "Hertzian" technologies because classical electromagnetic waves do not interact with mechanical sound waves or vice versa. However - Tesla's Non-Hertzian technologies offer very simple and logical explanations based on the mechanisms of etheric expansion-compression vibrations (of ether) quite similar to sound (mechanical) vibrations (of air) ...

Morey's device has been tested in all weather conditions, in various places, in buildings, in the mountains, away from any power line. The device was usually used for several hours, but in one endurance test the device worked for a total of 157 hours and 55 minutes - so about 6.5 days continuously, until it was unsealed and then even more loaded after which the tests continued for about an hour longer, and then the device turned off. A detailed examination of the device showed that all parts were in perfect condition and that use could be continued indefinitely.

Still - there is almost nothing left of this Moray apparatus. After 17 years of initiated proceedings and in talks with the patent office T.H. Moray got a patent US2460707A, "Electrotherapeutic apparatus" in February 1949. The description of the patent mentions radiotherapy but no details are given. Quote from a patent: "This' invention relates to electrotherapeutic apparatus, and to methods of applying electrical, radioactive, and other radiant phenomena therapeutically. The invention is primarily concerned with the use of high potential, high

frequency electricity though not necessarily limited thereto, in conjunction with radioactive and other types of electronic and radiation phenomena, for therapeutic purposes." ...

About the "absorption of Radiant Energy" and the power supply of electrical devices with "some cold current" there is not a single word in this patent ...

Moray is one of the few "free energy" researchers whose devices really worked and who lived to a old age (1892 - 1974) although - fearing misuse - he refused to sell his technology to corporations. However, his research and public demonstrations were nevertheless suspended because, on several occasions, he and his family were threatened and shot and his laboratory was thoroughly robbed and destroyed ...

One of the successful researchers and pioneers in the research of unconventional energy forms known as "cold electricity" close to Tesla's "Radiant Energy" systems was Edwin Vincent Gray, Van Nuys, California.

In 1958, Edwin V. Gray, Sr. discovered that the discharge of a high voltage capacitor could be shocked into releasing a huge, radiant, electrostatic burst. This energy impulse is received in a special device that Gray called the "conversion element switching tube". This "non-shocking", "cold form of energy" that came out of this "conversion tube" powered all of his appliances and motors, as well as recharged his batteries. Edwin V. Gray called this process "splitting the positive", alluding to the fact that it only works with positive charge. (?). These his claims are completely incomprehensible because Gray did not reveal anything about his mysterious circuit that produces the "conversion effect". During the 1970s, based on this discovery, E.V. Gray developed an 80 hp electric car engine that continuously recharged the batteries. Hundreds of people witnessed dozens of demonstrations that Gray held in his lab as evidenced by many documents. During Gray's preparations for production in 1974, on the basis of the false accusations Los Angeles District Attorney, confiscated all his records and prototypes. To avoid more serious consequences, Gray pleaded guilty to two minor offenses and was released. Prototypes of the device were never returned to him. After several accidents, several relocations and the development of new prototypes, E.V. Gray died in Nevada under mysterious circumstances in April 1989.

One of the famous and often mentioned researchers of alternative energy sources on the Internet is Stanley Alen Meyer, who in the early nineties claimed to have made a car that uses water as fuel!?

He claimed that his "buggy" could traverse the distance from Los Angeles to New York, some 6,000 kilometers, with only 83 liters of water !

Of course - a large number of scientists have characterized his claims as pseudoscience, and his patent from 1996 the court was declared false.

However, the stories of Meyer's water-powered car don't stop to this day, especially since he passed away under very unusual circumstances.

The story of Eugene Franklin Mallove, an American scientist, science writer, editor and publisher of "Infinite Energy" magazine and the founder of the non-profit organization "New Energy Foundation", is also very popular.

Eugene F. Mallove was an ardent proponent of "cold fusion" and a great supporter of these and related research topics related to alternative energies. For fifteen years he worked tirelessly to develop "cold fusion" in his "New Energy Research Laboratory" ...

He is the author of the book **"Fire from Ice"**, where he describes in detail the research of "cold fusion on tabletop" - that centuries-old dream of mankind, from ancient alchemists to modern researchers.

In his book E.F. Mallow claims that scientists Stanley Pons and Martin Fleischmann of the University of Utah successfully carried out this - to this day officially - hypothetical - nuclear reaction which would enable obtaining completely clean and cheap energy. Among other things, In this book, E.F. Mallow argues that the team did produce output energy "greater than input" in an experiment that was successfully repeated several times, but that the results were suppressed in a well-designed and organized campaign by mainstream physicists who ridiculed them trying to protect their research and funding. The first edition of the book "Fire from Ice", in the original: "Fire from Ice: Searching for the Truth Behind the Cold Fusion Furor", was published by the E.F. Mallow's company "Cold Fusion Technology" in May 1991. The described research was completely ignored, Mallove was killed in 2004 and his followers believe that big companies are behind it.

Free energy is a centuries-old aspiration of humanity and it is quite understandable that despite constant activities to dispute, suppress and - at best - "Filtering" (allowing less efficient systems) - new, more advanced, technologies for energy production yet new researchers are constantly emerging as a cosmic counterweight to the economic parasites that have been exploiting humanity for centuries. ©

One of them is NASA physicist Dr. Kirk Sorenson, who recently (2018) learned that Dr. Alvin Weinberg, director of the Oak Ridge National Laboratories, recommended thorium in the late 1940s, element named after the Scandinavian god Thor, as a very safe and completely harmless fuel for chemical reactors.

Working on the development of the "Manhattan Project" (research in America during World War II that resulted in the production of the first nuclear weapons), in the mid-1940s, Dr. Alvin Weinberg developed the technology of GALT chemical reactors (Geothermal Atmospheric Liquified Thorium).

Since thorium is completely harmless, this technology was considered a huge breakthrough in the field of energy development, but also a great state secret and even a threat to US national security due to the danger of this technology being hijacked by the "other side" because - GALT chemical reactors offer unlimited, cheap, clean and harmless energy - just what humanity needs for further progress and survival on the Blue Planet. ©

Unfortunately, the "Decision Makers" saw that this was another threat to the world's established dependence on oil monopolies and the further exploitation of disastrous nuclear energy with the implementation of new but insufficiently efficient and uncompetitive technologies such as those that use wind and/or solar energy - which nevertheless enable them to make large profits.

Without official explanations but - most likely in order to maintain the status quo, the long-established control and management of humanity as a whole - GALT had to somehow cover up. And so - without the knowledge of the American and world public in 1973, the laboratory of Dr. A. Weinberg was dismantled, and he and hundreds of engineers were fired with the obligation to keep data.

In this way, just like Tesla's Technologies a century earlier, humanity's path to Clean and Cheap Energy Technologies has been postponed again.

A check by any Internet Search Engine would convince us that the official science considers all the previously described inventions and methods to be pseudo-scientific considerations that have no scientific basis and therefore - completely unfeasible projects.

However - the same science - with the power of <u>"Truthfulness of What It Is"</u>, established, quite indisputably, with its own, scientific methodology, the existence of huge amounts of energy in the structure of the vacuum.

Namely, "Based on the values of Planck's constant and the upper limit of the Cosmological Constant, according to quantum electrodynamics, consistency with the principle of Lorentz invariance requires that the **zero point energy has a value greater than 10**¹¹³ **J/m3**. This really huge and completely incomprehensible to us value (one hundred and thirteen zeros), which is many times greater even than the one that would be obtained by annihilation (measurable) mass of the entire Universe (~ 10⁵⁰ tons), is known in science as "vacuum catastrophe". (Wiki: Cosmological constant problem).

So, the opinion of the genius Nikola Tesla presented 130 years ago at the American Institute of Electrical Engineers: "There is energy everywhere in space" and "it is only a matter of time before people manage to connect their machines to the working wheel of nature" - it is completely founded because the mentioned problem of "vacuum catastrophe" confirms the real possible existence of huge-amounts-nature amounts of energy ...

Yet perhaps the most convincing evidence and quite unequivocal confirmation of the existence of some "non-detectable" type of energy is the "accelerated expansion of the universe" - an absolutely inexplicable but realistically measurable event - completely contrary to expectations according to the standard cosmological theory of the Big Bang. On the other hand, according to the latest measurements, galaxies contain only 4% of the amount of matter they would have to have to look the way they really do because - according to current laws and measured radial velocity of peripheral stars - galaxies do not contain enough matter to maintain their stars together...

These indisputably established facts imposed on science the necessity of introducing the concepts of "dark mass" and "dark energy" - hypothetical.phenomena - in order to harmonize experimental reality with currently valid theories and correct their huge disagreement with Reality. What's more - one of the latest cosmological models that tries to solve the problem of missing mass and the observed "accelerated expansion of the universe" is Quintessence, whose name comes from the Latin "quinta-essentia" - the fifth essence, i.e. "Fifth element" – which we know to be, according to ancient cosmologists, in addition to fire, water, earth and air - ether. In this way - in my opinion, science indirectly acknowledges the existence of ether with this allusion, but - in order to maintain the "status quo" - it must use another name for the same phenomenon, attributing to it only a part of the properties corresponding to them and suppressing those of its original qualities that would completely reaffirm Tesla's technologies but would call into question the valid postulates ...

But - The Power of Truth always finds a way to show itself - at least to those who yearn for it. © One of such people is dr. Anatoly Fedorovich Ohatrin (October 4, 1925 - January 7, 2002) - an outstanding Russian researcher, creator of the concept and mathematical model of "Microlepton fields", a regular member of the Russian Academy of Natural Sciences and the International Slavic Academy. Since 1953 until 1980 he worked in the NPO "Krasnaya Zvezda" on the program of space nuclear power plants and

the control system for aircrafts. However, he is much better known as the author of the Torsion Autogenerator "GAMA 7" (Ohatrin's neutralizer) with which he managed to record "human thoughts" and related "non-physical phenomena", especially because (from 1965 to 2002) he developed the concept and mathematical model of fine physical, microlepton fields. Anatoly F. Ohatrin conducted extensive research to confirm this model of his, especially in the late 80s working in laboratory for biolocation IMGRE of the Academy of Sciences of the USSR where he worked on systems and methods for searching for minerals based on the visualization of microlepton fields of objects.

Dr. A.F. Ohatrin's microleptons are elementary particles that form the so-called "Weak fields" and have the characteristics inherent in torsion, axial and spin fields (Anatolij Akimov, Genadij Shipov). Fulfills all environment: the land, water, air and the cosmos, have a mass of 10⁻³⁹ to 10⁻⁴⁴ kg!

According to Ohatrin all the objects of the material world are surrounded by and filled with these superlightweight particles. All environment and living systems are soaked with them. These particles carry information about the composition and structure of the substantial body. For them there are no physical barriers. Heavy and inert mass depend on the density and temperature of the microleptonic gas in it. If microleptonic gas - in any way – is removed from the masses - the body loses weight! Given the equivalence of gravitational mass and inertial mass - by removing microlepton gas, the body also loses inertia - and here is a possible explanation for the UFO phenomenon!...

According to the Model of Quantized Energy Densities [5], a stable object k9 is a quantum carrier of "Tesla Waves" that has the expected value of mass $M_{k9} = 1.6*10^{-47}$ kg - which is (from the aspect of the Model) close to the mass of Ohatrin's microlepton (!!!) - which indicates a strong associative connection with Tesla's ethereal technologies.

In a very detailed analysis of Tesla's work, especially his "Non-Hertzian" or ETHER technology exhibited in [6], I have shown that the return of science to the concept of ether and the reaffirmation of the ORIGINAL theory of J.C. Maxwell's really possible and necessary way to return all the ideas of Nikola Tesla and the explanations of his ethereal Technologies to the scientific framework. Thus, their feasibility would become much more certain and scientific thought would become even closer to the True Reality, but also to the knowledge of ancient civilizations which, judging by the preserved records and numerous artifacts, far exceeded today's knowledge.

Consequently, all the unrealized ideas of this proven intuitive genius would become much more feasible and many different, currently "pseudo-scientific" terms such as: current inter-galactic communication, teleportation, antigravity, zero-inertia, zero-point energy and the like - become much more acceptable and UFO phenomena that clearly demonstrate to us the absence of inertia, weight and "some cold" but very powerful propulsion energy - become logical and achievable - as well as the technologies of the ancients whose pyramidal structures testify to the high cosmic knowledge of their builders - knowledge that our intuitive genius Nikola Tesla - by all accounts - really seriously approached.

So - just as Prometheus brought fire to people, Tesla offered us the technologies of the future and that is why Nikola Tesla is truly the Scientific Prometheus of the New Age.

This is the right moment to remember Tesla's words: "The present is theirs; the future, for which I have really worked, is mine."

That Tesla's future is certainly one of a number of possible ones ahead of us! Whether it will become a part of our reality - to an appropriate extent - depends on us (quote from [6])

In Belgrade, March 26, 2021.

Goran Marjanovic, BSc

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