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Subject: Unknown manuscript of Nicola Tesla

UNKNOWN MANUSCRIPT OF NICOLA TESLA

Introduction

This manuscript has been allowed to me by my acquaintance. During his stay in USA he bought an old fire-helmet, which was on sale in the streets of New-York. There was an old writing-book inside this helmet. The writing-book had thin and partially burned covers producing the smell of mould. All its yellowed sheets were full of notes written by ink faded under the influence of time. Somewhere, the ink has lost its color so deeply that the letters could barely be guessed right on the yellowed paper. And in some places, large parts of the text have been completely spoiled by water having changed into the white ink-stains. In addition, all the sheets have been burnt on the edges and some words have been lost irretrievably. I have got a computer and therefore, it did not make great difficulty to translate the manuscript. Right after the manuscript was translated I understood that it belongs to famous inventor Nicola Tesla who lived and worked in USA. There has been a lot of work ! , done to put the translated text into final form. The one who dealt with translator computer software would understand me entirely. I had many problems arisen from the lost words and sentences. I could never understand many minor but, probably, very important details of the manuscript. I hope this manuscript will slightly open some mysteries of history and the universe.

Part 1. You are wrong, Mr. Einstein - ether does exist!

They say much about the Einstein's theory now. According to Einstein the ether does not exist and many people agree with him. But it is a mistake in my opinion. Ether's opponents refer to the experiments of Maykelson - Morli who made the attempts to detect the Earth's movement relatively to the fixed-bed ether. These experiments failed, however it didn't mean the ether's non-existence. I always was based upon the existence of mechanical ether in my works and therefore I could achieve positive success. What the ether is and why is it so difficult to detect it? I reflected this

matter seriously long and here are the outcomes I have been led to: I think that all the contradictions about does the ether exist or not are the result of wrong interpretation the ether's properties. The ether has always been presented as aeriform environment. That was the essential mistake. The ether has a very strong density. It is known that of more dense is a substance, the higher is the speed of wave propagation within it. When comparing acoustic speed in the air and the light speed I have drawn a conclusion that ether density is several thousand times higher than air density. It is not the ether that is aeriform but the material world is an aeriform to the ether! But as the ether is electrically neutral it very poorly interacts with material world. Notwithstanding that poor interaction we still can feel the ether's existence. Good example for such an interaction becomes apparent in gravitation, which should be rather named as universal compression. I think the material bodies do not gravitate between each other but it is the ether that makes one material body to press to another. We wrongly call this phenomena as gravitation. We can also feel ether's reaction when sudden acceleration or braking. The stars, planets and all the universe appeared from the ether when some part of it due to certain reasons became less dense. It can be compared with formation of blebs in boiling water although such a comparison is to be rough. The ether tries to return itself to the initial state by compressing our world, but intrinsic electric charge within material world substance obstruct this. It is similar to that when the water compresses blebs filled with hot water steam. Until the steam does get cold the water can not be able to compress the bleb. With time, having lost the intrinsic electric charge, our world will be compressed with the ether and is going to turn into the ether. Once it have come out from the ether - and so it will go into the ether. Density of substance of material world strongly differs from the density and physical properties of the ether. Therefore, the ether can not remain in fixed-bed state around material bodies and when certain circumstances there will be ether whirlwind appearing around material bodies. Hence, we can explain the reason of failure of Maykelson - Morli experiment. In order to understand it let's carry the experiment over water environment. Try to imagine that our boat is twirled within a huge whirlpool. We will try to detect water motion relatively to the boat. We will not find out any movement as the speed of the boat will be equal to the rate of water movement. In our imagination let's replace the boat by the Earth, and the whirlpool - by ether whirlwind, which revolves around the Sun. The example shows clearly that when being on the Earth one can not detect the Earth's movement relatively to the ether as the rate of Earth's movement will be equal to the rate of ether movement. In my researches I always adhere the principle that all nature phenomena show themselves equally whichever physical environment they would happen in. The waves exist in the water, air, ... and radios-waves and the light are the waves in the ether. Einstein's assertion of non-existence of the ether is erroneous. It is difficult to imagine radio-wave

and light transmission without ether. Einstein says that there is no ether and at the same time, practically he proves its existence. For example, let's consider the speed of pass of the light. Einstein states that velocity of light does not depend on the rate of movement of the light source. It's correct. But this principle can exist only when the light source is in certain physical environment (ether), which cuts down velocity of light due to its properties. Ether's substance cuts down the velocity of light in the same way as air substance cuts down acoustic speed. If the ether did not exist then velocity of light would strongly depend on the rate of movement of the light source. Having clarified what is the ether is I began to compare phenomena occurring in the water, air and ether. And here has an opportunity occurred to help me well in my researches. Once I saw to a sailor was smoking a pipe. He was exhaling smoke in the form of little rings. Smoke rings flied pretty far away before they get broken. Then I investigated this phenomena in the water. I took a metal jar and carved out a small vent on the one side and pulled on a thin leather on an other side. I pour some ink into the jar and lowered it onto pool. When harsh hit of the leather ink-rings flied out of the jar crossing over all the pool and get broken having bumped into its wall that produced substantial motions of water at the pool's wall. At the same time, the water in the pool kept being quiet. - *"This method can be used to transfer energy"*, :- I understand short what is the ball lightning and how to transfer energy within long range without using wires. Einstein tries to explain light movement when no ether environment by Plank quantum hypothesis. Will be Einstein able to explain ball lightning phenomena when non-existence of ether? It is no any possibility to explain the ball lightning phenomena without ether ! Based on these investigations I have constructed a generator, which could generate ether vortical rings, which I called as ether vortical objects. It was my achievement. I was in euphoria. It seemed to me like I can do everything. I promised the world not having completely studied this phenomena and took the severe punishment for that. I was not financed any more but what the most unpleasant thing was that I was not trusted any more. The Euphoria has changed to deep depression. And I dared to start my crazy experiment then.

Part 2. I will keep the secret of my invention until I die.

After my failures I became more self-restrained in making promises: During my work with ether vortical objects I understood that they behave not in that manner I thought before. It turned out that when vortical objects passed near metal objects they lost their energy and collapsed, sometimes exploding. Deep Earth layers have absorbed their energy as strongly as the metal did. So, I could transmit energy only within small distances. I paid an attention to the Moon then. If ether vortical objects are sent to the Moon, they will return back to the Earth very far from the transmitter, having

been reflected from electrostatic field. As the angle is equal to the angle of reflection, then energy could be transmitted in very long distances, even to the other part of the Earth. I carried out several experiments transmitting the energy towards the Moon. The experiments discovered that the Earth is surrounded by electric field. This field kept destroying faint ether vortical objects. Ether vortical objects possessing big energy, burst through electric field of the Earth and extend at interplanetary space. And right here, the idea came to my mind that if I can create resonance system between the Earth and the Moon, then power of the transmitter may be very small while the energy derived out of this system could be considerable. Having made the calculations on how much energy can be derived I was surprised at it. The calculations showed that the energy derived from this system is enough to fully destroy a big city. For the first time at that moment I realized that my system could represent a danger for the mankind. However, I still greatly wanted to carry out my experiment. Secretly from everyone I began to thoroughly prepare my crazy experiment. First of all, I needed to select the place for my experiment. Arctic Zone did the best for it. There were no people there and I would injure nobody. But the calculation showed that with the Moon being at present position the ether vortical object can strike the Siberia, but people could live there. I went to the library and began to study the information concerning Siberia. The information was very small but, however, I saw that there are almost no people in Siberia. I should keep my experiment a deep secret otherwise, the consequences could prove to be very unpleasant for me and for all mankind. I always worry about one question : will my discoveries be for good of the people? Because it had been known for a long time that the people used all inventions to extirpate the similar ones. The fact that much of my equipment in my laboratory has been dismantled to that moment considerably contributed to keeping my secret. However, I could save the equipment I required for my experiment. I alone assembled a new transmitter out of this equipment and connected it up to the emitter. The experiment with such a big quantity of energy could be very dangerous. If I made a mistake in my calculations the energy of ether vortical object would strike astern. That's why I was not in the laboratory but two miles aside it. The work of my installation has been operated by clockwork. The principle of the experiment was rather simple. In order to better understand its principle it is necessary to grasp first what are the ether vortical object and ball lightning. Basically, they are the same. The only difference is that the ball lightning is a visible ether object. Visibility of ball lightning is provided by fluorescence of charged air particles. It could be compared with ink coloring of water vortical particles in my experiment in the pool. In order to create resonant Earth - Moon system it was needed to create necessary concentration of charged particles between the Earth and the Moon. For that, I used a property of ether vortical objects to capture and transfer charged particles. The generator has emanated the ether vortical objects towards the Moon. When

passing through electric field of the Earth ether vortical objects have captured charged particles within it. As electrostatic field of the Moon has the same polarity as an electric field of the Earth, the ether vortical objects have been reflected from it and this time, again returned to the Earth at another angle. After returning to the Earth the ether vortical objects have been reflected again by electric field of the Earth back to the Moon: That was the way, by which the Earth - Moon resonant system has been occupied by charged particles. When the required concentration of charge particles in resonant Earth - Moon system was achieved it has been energized itself at its own resonant frequency. The energy million times assisted by resonance properties of the system was being changed into ether vortical object of a huge power within electric field of the Earth. However, it was only my guesswork, and I didn't know how it would be in reality. I remember very well the day of experiment. Estimated time came near. Minutes dragged on so slowly and seemed as they were years. I thought I would go crazy of this waiting. At last, the estimated time came and : nothing happened! Another five minutes passed but nothing unusual took place. Various theories took into my head: maybe clockwork hasn't worked or the system hasn't snapped into action, and maybe nothing must happen at all. I was on the verge of insanity. And suddenly : It seemed to me that the light has grown dark for a moment and strange feeling has been sensed throughout all my body - as if thousands of needles have been pierced into my body. Soon everything was over but there was unpleasant metallic after-taste left in my mouth. All my muscles have become relaxed and there was a buzzing in my head. I felt totally worn out. When I returned to my laboratory I found that it was practically intact, just there was a strong smell of burning in the air... And again, agonizing suspense has seized me, as I didn't know the results of my experiment. And only later on, having read about unusual phenomena in the newspapers I realized what a dreadful arm I have created. Of course, I expected that it would be a very heavy explosion. But, it has been not even an explosion - it has been a catastrophe! After that experiment I determined that I would keep the secret of my invention until I die. Of course, I knew that someone else could easily repeat this crazy experiment. But this would require the acknowledgement that the ether exists but our scientific world further and further moved away from the truth. I am even grateful to Einstein and others because through their erroneous theories they lead away the mankind from that dangerous path I followed. And, probably, this is their only merit. Perhaps, in about one hundred years when the reason prevails over the brute, my invention will serve for welfare of people.

Part 3. Flying machine.

My hypothesis that gravitation is a compression of material bodies by ether have been recently

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confirmed experimentally. When working with the generator of ether vortical objects I observed one very odd phenomena. When its turning on I could feel a wind blowing towards the generator. I decided to investigate this phenomena . I rolled up several newspapers and kindled and immediately extinguish them. There was a thick smoke coming from newspapers. With these reeky newspapers I went around the generator. The smoke came to the generator from any spot of laboratory. And the smoke disappeared near to generator. At first, I thought the reason relates to electrostatics. But having considered this phenomena I concluded: electrostatics could not be able to cause these phenomena in such a long distance from the generator. Then I supposed : - the Generator lessen the compression of ether through impact to the ether (gravity) ! I constructed big scales to make sure of it. One side of the scales was positioned over the generator. In order to exclude an electromagnetic influence of the generator the scales were made out of highly dried wood. In order to protect against electrostatic field of the generator the scales were worked up by graphite powder. After I accurately balanced the scales I turned on the generator. The side of scales that was over the generator began rapidly to go up. I turned on the generator. The scales went down. I turned off the generator. The scales went down and began to swing until it was fully balanced out. I loaded the scales with the ballast and changed its capacity and operating mode striving for its balance. After these experiments I planned to build a flying machine, which could fly not only in the air but within interplanetary space. Principle of operation of the flying machine is as follows: towards the flight direction compression of the ether is to become weaker by the generator installed in the flying machine. As the ether keeps to press with prior intensity from all other sides, then the flying machine began moving. Being within this flying machine you will not feel its speeding-up as the ether is not to hamper your movement. I had to abandon to create the flying machine. There were two reasons for it: first, I have no money to work veiled. But the main reason is that the great war began in Europe and I wouldn't like my inventions as are killed ! When on earth will these madmen stop?

Postscript.

You read a brief version of manuscript of Nicola Tesla. This manuscript version aimed for the broad audience therefore there is no details understandable only for the specialists in it. You shouldn't search for style similarity of Tesla's entry with his other known documents in this manuscript version. You shouldn't forget that this manuscript has been translated by computer, besides the state of the notebook was very bad. However, I tried to convey main point of Tesla's notes utmost accurately. Unfortunately, there was a great damage through water effect of that

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manuscript passage where the generator of ether vortical objects was described. But, nevertheless, from those scrappy data I could understand the principle of work of this generator, however, there is a shortage of several details to have an entire representation. In Tesla's manuscript there is an information about biological impact of metal rings to animate nature. There is a way of processing of metal wire by alternative current provided in this part of manuscript. After such processing the metal wire stranded into the circle is to kill microbes and protect people against diseases. I tried this method by myself. As a result, I didn't get ill with flu during last two winters although I had a flu very often before. In unknown manuscript of Nicola Tesla there following phrase: - the light moves in straight lines, the ether - around the circle so the leaps arise hereby. - apparently, by this phrase Tesla tried to explain why the light moves by leaps. In modern physics this phenomena is called as quantum leap. Further in the manuscript there is an explanation of this phenomena but it is fuzzy a little. So I will present my reconstruction of the explanation of this phenomena out of conserved words and sentences. In order to better understand the reason of leap light movement let's imagine the boat spinning within huge whirlpool. We will install the generator in this boat. As the rate of movement of external and internal areas of the whirlpool is different then the waves from the generator will move by leaps when passing these areas. The same phenomena we can observe with the light when it pass ether whirlwind. There is a description of the principle of getting energy using ether vortical objects in the manuscript. But it also was greatly damaged by the water. That's why I will present my own reconstruction of the text. This reconstruction is based on separate words and phrases of unknown manuscript as well as on other publications of Nicola Tesla. Therefore, I can not guarantee exact coincidence of the manuscript text reconstruction to the original. To understand the method of receiving energy with use of ether vortical objects let's imagine a huge bleb swimming in the water. This bleb is very stable as it is squeezed by the water from every quarter and it is influenced by the force of radial compression. How can we extract the energy out of this bleb? For this we have to break its stability. It can be done by water whirlwind or if the bleb's side will be hit by water vortical ring. If using ether vortical object we carry out the same thing with any material body as the result we will get huge surge of energy. I will present an example: when ball lightning touches any object the result is a huge energy liberation and sometimes an explosion.

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