

Practice Oriented Science: UAE – RUSSIA – INDIA

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DEVICE FOR CONVERTING AIRSPACE INTO ELECTRICAL ENERGY

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***Abstract.** The article is devoted to devices for converting airspace into electrical energy and great enthusiasts of this idea, who are pursued by creative and purposeful people who want to improve the well-being of all mankind from the energy of our planet in the airspace. We know that we are surrounded by an ocean of energy surrounding our planet, but the problem is that it is very difficult to get it, since the potential of this energy, which is in large quantities, is highly dispersed in a vast space. However, if this task is now very difficult to solve due to big problems and high cost, then scientific discoveries and inventions in this area make an invaluable contribution to science, where new inventions based on these scientific discoveries can be used in other technical developments.*

***Keywords:** airspace transformation device, environment, environment energy, Nikola Tesla, air environment energy.*

Since ancient times, humanity has received energy from the space of our planet, first in the form of burning wood, coal, oil. As progress increased and new inventions appeared, humanity began to receive energy from wind currents and water currents. Further, with increasing progress and the introduction of technology, energy began to be obtained from sunlight and nuclear reactions. This entire ocean of energy surrounding our planet can be used for the benefit of all mankind, but it must be treated with care.

Currently, a device for converting airspace into electrical energy is most often called a “fuelless generator”, but there are no such generators in the world. In this case, the energy from the air flows of the environment from the airspace conversion device generates electrical energy and therefore the expression “fuelless generator” is not relevant in this case.

It must be remembered that many of the discoveries of great scientists happened suddenly, and their original idea was not given much attention. However, other inquisitive scientists continued research in these areas and found something new,

not related to this discovery of phenomena, which found their application in other areas of science and technology. For example, let's take the discovery of the Italian physicist, physiologist and inventor of the direct current source Alessandro Volta, who at the end of 1799 discovered that when two solid materials come into contact, a potential difference appears in the contact area, called the contact difference. However, at that time, this discovery did not find its application. After 22 years in 1821, based on the discovery of Alessandro Volta, the German physicist Thomas Johann Seebeck became the discoverer of another more significant scientific discovery based on the receipt of thermoelectric phenomena (in the copper-bismuth pair), built a thermocouple and used it to measure temperature, which are now widely used in instrumentation. This phenomenon of nature is based on the known laws of physics, which are time-tested and tested on our planet.

It should be emphasized that the thermoelectric current arises not only when dissimilar metals are joined, but also in a closed homogeneous conductor, if there is a temperature gradient, since a potential difference appears in each homogeneous conductor, the ends of which have different temperatures.

On the basis of these scientific discoveries, two hundred years later, a mechanism was discovered for the emergence of the Sun's magnetic field, a means of ensuring the rotation of the outer shell of the Sun's surface and creating around it the acceleration of the free fall of bodies in space. The means that ensures the rotation of the outer shell of the Sun's surface includes the interaction of prominences consisting of hot plasma interacting with the surface of the Sun and cosmic cold, which form strong thermoelectric currents, strong magnetic fields and create not only the mechanism of rotation of the outer shell of the Sun's surface, but also the acceleration of free fall bodies in space around our star. The magnetic field of the Sun, its rotation and the formation around it of the acceleration of free fall of bodies in space was popularly described in the journal "Actual Problems of Modern Science" No. 6 for 2022.

From this it must be concluded that any currently insignificant discovery that has not found its application at this time may be useful in the future for other more significant scientific discoveries and inventions of mankind.

It should be emphasized that before the invention of the device for converting air space into electrical energy by Nikola Tesla, at that time there were many new discoveries related to the transmission of energy over a distance in the form of electromagnetic waves, which are attributed to three different scientists. In Russia, it is believed that the Russian scientist and inventor Alexander Stepanovich Popov did this, in Europe the authorship is given to the Italian radio engineer Guglielmo Marconi, and in the USA they are sure that the Serbian scientist in the field of electrical engineering Nikola Tesla did this. However, there is an indisputable fact that, as a result, this invention and a description of a device that transmits

an electrical signal through airspace got on the pages of the Russian Physico-Chemical Society and was translated into all major European languages, where already in March 1896, this device managed to transmit a meaningful radio signal to a distance of 250 meters. A serious test of the technician A.S. Popov took place in 1899, when the battleship “General-Admiral Apraksin” pierced its side in the Gulf of Finland shortly before the invention of an apparatus for using radiant energy by Nikola Tesla.

However, let us return to the first invented apparatus, which received energy from the atmosphere of our planet. The official name of the patent under No. 685,957 issued on March 21, 1901 in the United States was “Apparatus for the use of radiant energy”, where the famous Serbian scientist in the field of electrical engineering Nikola Tesla was its author.

Scheme of the apparatus for using radiant energy Nikola Tesla.

Figure 1 shows an apparatus for the use of radiant energy by Nikola Tesla, consisting of an energy space of air 1 interacting with a receiver 2 consisting of a conductive material that is electrically connected through a container 3 with the soil of our planet 4. The lower and upper base of the capacitor 3 through the conductor 5 and the conductor 6 having the contact terminals 7 is connected to the contact terminals 8 of the load source 9.

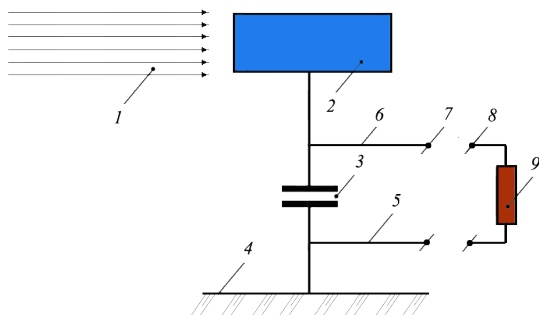


Figure 1

The principle of operation is to receive electrical energy by the receiver 2 from the energy space of the air 1. Next, the electrical signal enters the upper terminal of the storage capacitor 3, the outlet wire 6 and through terminal 7 interacts with terminal 8 of the load 9 and through conductor 5 enters the soil of our planet 4. Depending on the temperature differences between the air and the soil of our planet, thermoelectric currents can form in this generator, as mentioned earlier.

At present, after modern scientific discoveries, it is possible to explain the mechanism for the formation of mobile electrons from the air environment of

our planet, which is popularly described in the Scientific and Practical Journal “Higher School”, No. 6 for 2021, page 39. Infiniti Publishing House, Ufa and the mechanism of education thermoelectric currents from the air environment of our planet, which was popularly presented in the information and analytical magazine “Actual Problems of Modern Science”, No. 3 for 2021, page 66. Sputnik + Publishing House, Moscow.

One can fully agree with these statements and this invention, however, this invention does not allow obtaining significant power for use even in the household. To get more power from the device for converting airspace into electrical energy, it is necessary to use large areas of the receiver of electrical energy. After the invention of the device for the use of radiant energy by Nikola Tesla, there were many followers using more advanced materials and technologies, but the main problem was, is and remains creating a large area of the energy receiver from the air currents of our environment, without increasing its cost. However, this invention was not forgotten and many other scientific discoveries and technical developments came from it.

To these scientific discoveries, one can add mathematical evidence for the existence of cosmic ether or the substance of outer space, as presented in the information and analytical magazine “Actual Problems of Modern Science”, No. 1 for 2021, page 33. Sputnik + Publishing House, Moscow. Registration certificate PI No. FS 77-39976 ISSN 1680-2721.

In conclusion, we can say that our material world is very diverse and all the processes performed in it from random circumstances that occur in time affect one another to a different extent, therefore a new theory of multifaceted dependence is put forward. In this world, everything is intertwined, and one natural phenomenon is dependent on another to a different extent. More active material bodies dominate less active material bodies, therefore there cannot be independent and constant constants, laws or physical quantities. For example, the new law of gravitational attraction and cosmic interaction between two material bodies located in the space of the Solar System or another system is closely related to the new law of gravitational attraction of one material body located in the space of the Solar System to the central star of the Sun. At the same time, the laws of gravitational attraction and cosmic interaction are in constant dependence on the new law of activity of a material body located in space and the new law of free fall acceleration of bodies in space. And the listed laws are closely connected with the new law of energy between two material bodies that are in the space of the solar system and the new law of energy of one material body located in the space of the solar system, to the central star the Sun and many others...

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