

Academician Viktor Oleksenko: "oil and gas reserves sufficient for 50 years"

Semko Allen | 22.07.10 | 10:14 | Views: 133



Spa Summer gives us not only entertainment but also many meetings with interesting people. Our interlocutor - an exceptional man: more than 30 years ago, a young co-driver Victor Oleksenko held practice in Berdyansk, immediately met with his future wife, and so far almost every summer, coming to rest from Vladivostok. Today he is - chief designer, internationally renowned scholar, author of 20 scientific papers and four inventions in the field of electronics. On the science, scientists, and their proposals for the development of Berdyansk Viktor told our newspaper.

"In Berdyansk, I made my first invention"

- Viktor, that connects you with Berdyansk?

- In 1977-78, respectively, in the fourth year Voroshilovgrad Higher Military Aviation School navigators behalf of the proletariat Donbass, I was sent to practice in Berdyansk. He served at the airfield, flew in seaplanes.

The parents lived nearby, in the village Yelyzavetivka. In Berdyansk, I met future husband and married. Here live two of my sisters.

In Berdyansk, I made my first invention associated with gravity and the manner in which to measure it. Posted invention of the All-Union Scientific Research Institute of State Patent Examination (VNIIGPE). He was declared closed, that is, those who further developed and implemented without the author's, I was even an inventor's certificate was not issued and forbidden to talk about it in the open press. After a while I tried to find leads, but they lost.

- And what you have invented later, and what practical value are your invention?

- I have a lot of inventions and scientific works, the main of them are in the field of electronics. Main invention, for which I was elected to the International Academy of Authors of Scientific Discoveries and Inventions - a low-noise amplifier with active compensating its own noise and noise. In other words, the power helps to eliminate noise and rustling in any radio equipment (a tape recorder, voice recorder, mobile phone, camera, etc.), developed by my principle in the world has not yet been used. The amplifier is suitable for the establishment of reliable computing systems. This unit of electronic systems with artificial intelligence, which would enhance the work of electronic equipment. Roughly speaking, computers and mobile phones will work smoothly and be free from viruses. Now the invention is used, basically, the developers, because the technology that would allow him to introduce to the masses, only mastered. Negotiations with foreign partners to establish mass production of low-noise amplifiers. Preparing to sign the documents with the Intel Corporation (USA).

Also based on the 35-year research I have discovered a new element in the periodic table. He has to fill that cell in the table, which Mendeleev left before hydrogen. It is an inert gas, to whom I gave the name "nolekson" ("zero" - a place in the table, "CEN" - part of my family, "he" - the end of the inherent inert gas).

- Some people think that Dmitri Mendeleev dreamed table of chemical elements. Have ideas to you in your sleep?

- Come not ideas, and solutions. I remember when I was a part-time physical-technical school at the Moscow Physicotechnical Institute, we sent each month for ten problems in physics and 10 in math - but such serious, and that such Olympiads were not always! Last month, it was necessary to have time to solve them, write and send. And so for three years. At first, I decided those could be solved. Next to my bed had always been a piece of paper and pencil, and at night, when dreaming way to solve the problem, I immediately write it down. Then it turned out that it is the direction of solving the problem and it was true. Now, with me always close the laptop.

From a scientific point of view, in a dream a person working both hemispheres at full capacity, so the night of enlightenment - is an example of the mental effects of enhanced brain function in the human mind.

- Why you do not work in Ukraine?

- When the Soviet Union collapsed, I was in Russia, and we are automatically registered citizens of Russia. And then Ukraine bans dual nationality. I would gladly received a second citizenship, especially because all the relatives here. I would then and moved here, but where I work? ..

I have an idea to open in Berdyansk International Research Center for the retraining of professors and teaching staff. After all, today the general system of retraining is valid only within each region. Every three to five years being planned retraining. Some professors take part in workshops, publish articles, but all this - scientific search. And if you want to convey to the student's scientific discovery, there must be organized system is not on the basis of scientific conferences, and the system re-professorial staff, who then hold the planned training of school teachers. This practice does not exist in Russia or in Ukraine. And where better to do an educational institution, no matter how in Berdyansk? During the summer holidays professors will be able to learn, relax and improve health. The creation of scientific campus in Berdyansk can combine all the factors. If the authorities of Berdyansk and Zaporozhye region, as well as businessmen interested in this idea, I, for my part, I can create the concept and is ready to coordinate the necessary questions at the city level, region and country. I have enough knowledge and arguments to prove the importance of this event.

"The outflow of the brain goes on and on"

- After the opening of the Iron Curtain began outflow drain from the USSR. It is the same thing or something changed?

- Now more relevant question - how now these brains back. To this end, Russia agreed to - a topic that will be offered to leading scientists, to allocate 150 million rubles. This allowed up to 60% of these funds to spend for labor of the scientist. This year the law was passed, but the legal framework that should govern its implementation until it is developed.

Therefore, the brain drain continues and continues. And not because scientists do not love their country, but because the relevant factories do not work here and good invention can not be realized. For example, I tried to introduce their inventions in Zaporozhye, but there are radio-plants, as well as in Dnipropetrovsk, Donetsk, Lviv and Simferopol. Only plant in Ukraine works in Kiev, has a plant in Belarus, but they are very outdated.

You know that the first development of computers were made in Kiev? But why now, Kiev is not a leader in the field of computer technology? I am offended, frankly.

- Where to leave scientists?

- Scientists go where they pay more. In the energy field most pay in Australia, because there are developments in the field of solar and wind energy. Experts in the field of electronics valued in Japan, South Korea and the United States. In Japan, for example, the state allocates money to test each invention. And there are no inventors - individuals, and the author does not need to draw up documents. Suffice it to express his idea to test it and formalized. If the invention works, a competition among private companies that can implement it. Next, the firm responsible for the implementation of the invention, for which receives certain tax benefits. Thus the state firms interested in working in the field of new technologies, and as a result, Japan and South Korea are rapidly developing. And developed an economic model of Japan - came from the Soviet Union, Nobel laureate Vassili Leontief, who emigrated from the Soviet Union in the 20 years of 20 century.

Today, in every country there are certain areas that are a priority. For Russia, the priority - energy, nanotechnology, rocket, aircraft. On all these issues and appropriate agreements with Ukraine. But neither in Ukraine nor in Russia there is no adequate system of protection of intellectual property, and no system of the invention. And we have such inventions, which the West will not be a very long time! You know that the first development of computers were made in Kiev? But why now, Kiev is not a leader in the field of computer technology? I am offended, frankly. All because of - the lack of good management, production base and strong marketing. As in any business, you need to for each section answered specialist.

"The energy crisis came close"

- Today, many people say that because of the growth of energy consumption of humanity is likely to endanger the energy crisis. Do you share these concerns?

- This problem is not far-fetched, because the amount of hydrocarbons on the planet is reduced and not restored. In the time for oil and gas reserves sufficient for 50 years. For some time, enough gas and oil shale, but it is non-renewable raw materials. The energy crisis came right up and if not, a new source of energy, our grandchildren will feel it for yourself: the cars have to give, not oil.

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- What is being done to avoid energy catastrophe?

- To avoid this catastrophe, built colliders (USA, Brookhaven Laboratory) and the Large Hadron Collider. Studies (which begins at the Union) on controlled thermonuclear fusion, Tokamak. In the U.S., this program has spent more than 50 billion U.S., the USSR spent approximately the same. Today a lot of money invested Japan. All countries collaborated in the work on the Large Hadron Collider to unravel the essence of the structure of matter on a deeper level. And the CIS countries, because of the crisis, provided funds only as a residual. Scientists know what to do, but now developing technologies - both theoretical operating time put into practice.

- And if scientists do not have time to introduce new technology in 50 years?

- When will understand that nothing can be built more hydro and nuclear power plants (to delay the time to develop). But the struggle for energy resources has always been war. For example, the conflict the U.S. and Iraq tied because of oil. That is, the struggle for energy resources will be manifested in the deterioration of relations between the countries. If the problem will be solved to obtain new sources of energy, it will automatically reduce the tension on the entire planet.

Viktor Oleksenko born January 5, 1957 in the Donetsk region in the village Volodarsky. In eighth grade, after the victory in the All-Union Olympiad in physics and mathematics was enrolled in a correspondence school at the Moscow Physical-Technical Institute. Later, he entered into Voroshilovgrad Higher Military Aviation School for Navigators. Was distributed to the Far East. Four years later the state of health translated ispytatelskuyu scientific research. Member of the International Academy of Authors of Scientific Discoveries and Inventions, a member of the Russian Academy of Natural Sciences, Academician of the Academy of Security, Defense and Law, Professor, General Designer of JSC "Research Institute of Building Design Bureau Oleksenko VV" He lives in Vladivostok. Married, two children.