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The future is in your hands: invent and create

Now is the XXI century, when humanity has almostly reached the peak of the development of technology. There are many types of various devices and electrical appliances that greatly simplify our lives. However, with the solution of one issue, hundreds of others arise.

So, with the invention of the Internet by Anatoly Kitov in 1959, many other means appeared, working at the expense of the first one. We must admit the fact that the Internet has practically revolutionized our daily lives. But along with this, a bunch of other still unresolved problems appeared. To be more precise, this is a battery problem. No matter how powerful and high-tech gadget we have invented, energy consumption remains the main open question. But fortunately, domestic scientists of Kazakhstan within the framework of the project "Commercialization of technologies" have already invented an alternative to this problem. The innovative lithium-ion sulfur battery was first presented to the Minister of Education and Science of the Republic of Kazakhstan Aslan Sarinzhipov in 2014 during a visit to the technopark of Nazarbayev University. These batteries with existing analogues are much cheaper and more environmentally friendly. Batteries work stably and are less discharged. At the same time, compared to other existing batteries, they are smaller in volume. The creators of this project are currently switching to the development of enlarged cells, combining them in parallel, sequentially, which can be used even in electric vehicles, even for storing energy from renewable sources and so on. The plan also includes the creation of a prototype battery, the theoretical capacity and operating time of which is 10-15 times higher than that of current analogues.

With innovative lithium-ion sulfur batteries, we, ordinary consumers, will no longer need to run from room to room to catch a free outlet or take a heavy and space-occupying powerbank with us in a bag every working day. Thus, the batteries of the future will significantly save our precious time and effort, facilitating everyday routine.