

INFORMATION ON THE NORMATIVE QUALITIES OF THE CONCEPT OF
DISCOVERY

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Annotation

A discovery is a scientific innovation discovered or created through research, exploration, scientific inquiry, and sometimes even by chance. It is achieved through a conscious scientific understanding of natural phenomena and the laws of society. Through discovery, objective laws, properties, and phenomena of the material world that were previously unknown to humanity become known.

Keywords

Discovery, exploration, study, scientific research results, creativity, profession, teaching, education, innovation, science and technology, novelty.

Аннотатсия

Открытие — это научное новшество, найденное или созданное в результате исследований, изысканий, научных изысканий, а иногда и случайно. Оно достигается благодаря осознанному научному восприятию природных явлений и законов общества. Благодаря открытию становятся известны объективные законы, свойства и явления материального мира, которые ранее были неизвестны человечеству.

Ключевые слова

Открытие, исследование, изучение, результаты научных исследований, творчество, профессия, преподавание, образование, инновации, наука и техника, новизна.

On our planet there were inventors and researchers every century BC. Someone from that era fire How use understanding since then pores, as He reached start discoveries our life more lively and more comfortable do service How is approaching.

Opening Research, investigation, scientific research, sometimes accidentally discovered, created, scientific news. For him, the nature of the event and society, laws, conscious, and scientific perception make as a result. Achieved. Discovery. Because of the material of the world previously known to humanity, there is no goal, laws, property, and events known will be. Discovery of humanity, knowledge of the process, the level of fundamental change. Discovery, science, technology, revolution, the basis of organization, science and technology, to development, fundamentally new indications, lucky. Man, pressing past historical in the process, very many Discoveries. Discovery with invention distinguish from each other, know need. Discovery. As a result, certain laws are created, invented as a result, and important news creation is possible. For example , Archimedes . water release screw extreme news even despite on that which This invention This is I. Newton. all Universe shooting law and universal This



discovery. Even the internal combustion engine. Creativity is also an invention, but N. Copernicus lands own arrow around and the planets of this including the Earth sun around rotation about the idea is universal This opening. The creation of the machine and the airplane is also attributed to science and nature. It is possible to say that the invention is based on laws. But Galileo Galileo birds fly imitation How airplane flight scheme create opening It is considered. Biruni, Ibn Sina, Ulugbek created laws and discoveries to the proposal entered.

Based on the above definition of the concept of discovery, the following are accepted as its normative concepts:

- draw conclusions based on scientific data.
- justification of novelty.
- justifying their trust.

These normative concepts can be described as follows.

The first concept, "the objectively recorded existence of laws, properties, and phenomena in the material world," means that discovery is the result of the activity of cognition of objective existence. In this case, the concept of knowledge includes the conditions of existence of a given object (law, phenomenon, property) and the fact that it has a scientific interpretation.

To recognize a discovery as "world-class novelty" in Uzbekistan, the criterion of world-class novelty must be used. When determining world-class novelty, any source claiming global or domestic primacy is taken into account. The primacy of a discovery is determined based on the date of the first formulation and publication of the relevant legislation in the press.

The "validity of a discovery" is determined by the establishment of an objectively existing pattern, characteristic, or phenomenon. Each created objective novelty (phenomenon, property, and objective legal relationship) is theoretically or practically substantiated. A discovery is legally recognized only after passing a scientific examination. For scientific examination, authors (or a group of authors) submit an application for their discovery. The application is completed according to a template. The application includes a request for a diploma for the discovery, a full classification of the discovery, documents defining the advantages of the discovery, a conclusion on the scientific and practical significance and validity, and drawings related to the discovery. The Republican Patent Office conducts a preliminary and scientific examination and, if it deems it satisfactory, decides on the authenticity of the discovery. On this basis, it awards the author a diploma. Depending on the significance of the discovery, a monetary reward is awarded.

Identifying innovative and rationalizing characteristics is professional adaptation, or the development of a qualified specialist. The most noticeable quality in this regard is the specialist's creative work.

Innovation is the desire to use the latest achievements of science and technology in production.

Rationalization is the process of producing large quantities of high-quality products with minimal resources and effort through creative work, making one's own suggestions, etc.

Rationalization proposals are aimed at solving new and useful technical problems in economic sectors, such as changing product design, production technology, unused equipment, or material



properties. Rationalization is a multifaceted problem aimed at addressing broader economic issues.

Rationalization ideas must meet certain requirements: first, they must have a technical solution, second, they must be innovative, and third, they must be useful. Rationalization ideas are submitted as an application using a special form. The application is submitted to the R&D department of the enterprise to which the rationalization ideas relate. If the ideas relate to other enterprises, they are submitted to the ministry and registered.

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