



**Intellectual property management in
medical colleges and Universities:
pattern analysis**



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Introduction to intellectual property rights

1. Introduction to intellectual property rights



- Intellectual property rights refer to the exclusive rights that people enjoy in accordance with the law for their intellectual labor achievements, which are usually the exclusive rights or exclusive rights granted by the state to the creators for their intellectual achievements in a certain period of time.

1. Introduction to intellectual property rights



- **In essence**, intellectual property is an intangible property right. Its object is intellectual achievement or intellectual product. It is an intangible property or a spiritual wealth without form. It is the labor result created by creative intellectual labor. Like houses, automobiles and other tangible properties, it is protected by national laws and has value and use value. The scope of intellectual property rights includes patents, trademarks, copyrights and related rights, school logo and various service marks, and other intellectual property rights owned or held by the school according to national laws and regulations.

1.Introduction to intellectual property rights

In order to deeply implement the innovation driven development strategy and intellectual property strategy, accelerate the construction of a powerful country with intellectual property rights, and promote the successful transformation of science and technology, China has issued relevant documents and policies,It mainly includes the outline of national intellectual property strategy, several opinions of the State Council on accelerating the construction of a powerful country with intellectual property rights under the new situation, some provisions on the implementation of the law of the people's Republic of China on promoting the transformation of scientific and technological achievements, regulations for the management of intellectual property rights in enterprises and universities. According to the annual report issued by the World Intellectual Property Organization, China has become the second largest force for the development of world intellectual property.

1. Introduction to intellectual property rights



- The number of invention patent applications accepted by China ranked first in the world for seven consecutive years; in 2017, the number of international patent applications submitted by China through the Patent Cooperation Treaty (PCT) reached 51000, ranking the second in the world. China is moving from a big innovation country to an innovation power.

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The importance of intellectual property rights in medical colleges and Universities

(1) Intellectual property promotes the development of medical colleges and Universities

In the 21st century, intellectual property rights, as the main carrier of intellectual achievements and the important thrust of scientific and technological progress, are paid more and more attention by national and local governments. Medical colleges and universities are the main body of medical R & D and innovation, and the quantity and quality of intellectual property rights are important indicators to measure the ability of knowledge innovation, comprehensive strength of scientific research and development stamina of universities. Under the background of "double first-class" construction, intellectual property is an important weapon to improve the comprehensive strength of scientific research in medical colleges and universities, an important guarantee for medical colleges to realize knowledge innovation, and also the foundation for competition with comprehensive universities.

(2) An important bridge for medical colleges and universities to move towards marketization and enhance international competitiveness

Intellectual property is the "release, management and service" reform in the field of higher education. It is an important measure implemented by the state in recent years to reduce the burden of colleges and universities and enhance the vitality of colleges and universities. In medical colleges and universities, intellectual property rights have far-reaching significance for the knowledge innovation, personnel training and comprehensive implementation of quality education in medical colleges and universities. After the emergence of pneumonia, the world is facing a special moment of public health crisis and economic growth difficulties. It is necessary to give full play to the important role of intellectual property rights in promoting knowledge innovation, medical development and personnel training, so as to add new impetus and realize overtaking on the curve.

(3) Intellectual property is an important guarantee for intellectual innovation and stimulating the motivation of scientific researchers

To effectively stimulate the innovative vitality of scientific researchers, it is essential to strengthen the protection and management of intellectual property rights in medical colleges and universities. The white paper on the protection of intellectual property rights in China points out that "the protection system of intellectual property rights is of great significance and role in promoting scientific and technological progress, cultural prosperity and economic development, It is not only an important system to ensure the normal operation of the socialist market economy, but also one of the basic environments and conditions for international scientific, economic and cultural exchanges and cooperation.

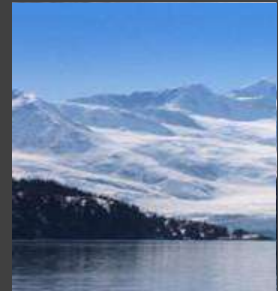
Medical colleges and universities should improve and improve the protection and management system of intellectual property rights, face up to various problems existing in the protection of intellectual property rights in medical colleges and universities, focus on the standardized management of intellectual property rights, protect the intellectual property rights of scientific researchers, and protect the interests of the state and its own units in the open international environment. In order to effectively improve the efficiency and quality of the transformation of scientific and technological achievements, we should carry out the work from the aspects of universal education, policy system and individual protection in a multi-level and all-round way to create a university intellectual property protection and management mode with Chinese characteristics. Improve the international competitiveness of China's scientific research.



3

Case analysis of intellectual property management in Colleges and Universities

- . The loss of the logo of Peking University and Tsinghua University
- 二 . Since the reform and opening up, Peking University and Tsinghua University have respectively established dozens of university run enterprises named after Peking University and Tsinghua University, such as founder of Peking University, Qingniao of Peking University, Yinghua of Peking University and Ziguang of Tsinghua University. These enterprises have achieved extremely rapid development in a short period of time, This is not only due to the enterprise's own efforts and its funny technology and information advantages, but also closely related to the use of university standards and names. "Peking University" and "Tsinghua University" contain huge intangible assets, which symbolize this kind of spirit, culture or quality. When a new enterprise or product comes into the market, people may not be familiar with the enterprise or product, but they may be interested in learning about a brand because they trust it.



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Strategies of strengthening intellectual property protection in medical colleges and Universities

(1) Pay attention to institutional setting

At present, China is vigorously promoting the construction of governance capacity and governance system, and institutional setting and improvement is a very important link.

At present, many medical colleges and universities have set up intellectual property management committees (jointly with the scientific research department) to be responsible for the management and protection of intellectual property rights in schools

Formulate management and protection measures in combination with the actual situation of the school

Promote patent achievement, perfect contract and transfer procedure

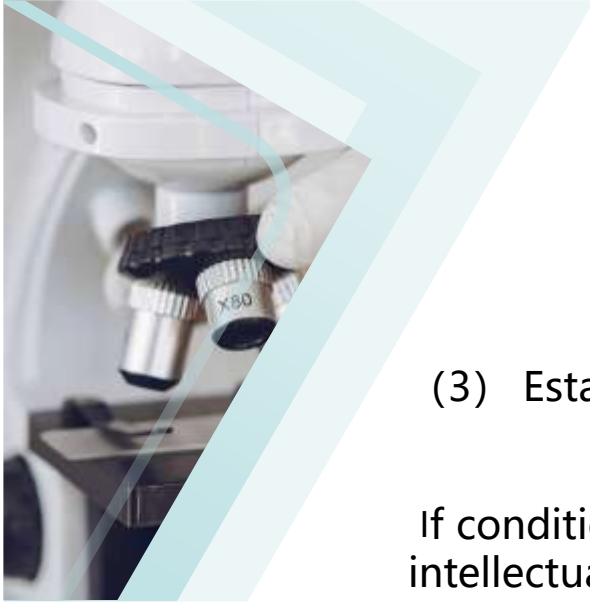
Resolving intellectual property disputes

Organize and carry out intellectual property education at school level

(2) intellectual property awareness **Offering lectures on intellectual property law and strengthening**

"Implementing the rule of law and building a socialist country with legal system" has been formally written into the amendment to the constitution of China. In the modern society with the reform of medical system, the development of medical science and technology, and the use of a large number of medical devices and high-end technologies, the protection of medical research results is particularly important. Under such objective and realistic conditions, medical researchers must seriously study and master the existing and newly issued intellectual property laws and regulations as one of the important tasks.





(3) Establishment of intellectual property fund

If conditions permit, medical colleges and universities may set up intellectual property funds to subsidize the acquisition and implementation of patents and copyrights, and promote the further development of scientific research projects. Under the market economy system, the intellectual property system is playing a more and more significant role in the scientific and technological activities of medical colleges and universities. Therefore, we should gradually improve and improve the intellectual property protection system, constantly enhance the ability and level of intellectual property protection, and face up to all kinds of problems existing in the protection of intellectual property rights in medical colleges and universities, It is necessary to protect intellectual property rights with Chinese characteristics.



(4) Promoting the construction of intellectual property culture in medical colleges and Universities

In order to improve people's basic knowledge and recognition of intellectual property, only by laying a good foundation can we complete the thinking mode and value system of intellectual property.

Intellectual property management system, including intellectual property management measures, management system, management system and mechanism.

Only by paying attention to the patent output and paying attention to the establishment and improvement of the patent market-oriented promotion mechanism, can we ensure that the technological achievements get the market returns, and thus play the role of intellectual property system in the incentive aspect. The cultural environment of intellectual property is the "soil" for the development of intellectual property rights. To cultivate this soil is the premise to make the awareness of intellectual property deeply rooted in the hearts of the people, and is also the premise of carrying out intellectual property strategy.

5 The future of intellectual property



The development of everything has a good side. Under the background of national laws and regulations, the further construction of medical colleges and universities will surely have a good future.



(1) Pay attention to the combination of theory and practice of intellectual property protection

The protection of intellectual property rights in medical colleges and universities is mainly focused on theory, but the research on practice and practical methods is relatively lacking. Learning by doing and learning in doing can complement each other. Therefore, we should focus on the integration of theory and practice, and clarify the relationship between various elements of intellectual property rights, so that theoretical research has practical basis and practical exploration has theoretical support. Through the exploration of practice, the integration of practice and theory, the unique intellectual property protection mechanism innovation of medical colleges and universities is finally realized.



(2) Organic combination of domestic experience and international experience

The experience of medical universities in western developed countries in the protection of intellectual property rights is of great value for domestic reference. For example, some scholars have made comparative studies on the protection of intellectual property rights in the transformation of scientific and technological achievements in Universities between China and the United States, and the intellectual property policies and technology transfer issues in Universities between China and the United Kingdom, It has played an important role in improving the protection mechanism of intellectual property rights and promoting the protection of intellectual property rights in domestic colleges and universities. In the process of improving the intellectual property protection mechanism of medical colleges, only by systematically, comprehensively and deeply analyzing and grasping the theories at home and abroad, and refining the theoretical essence suitable for the practice of intellectual property protection in medical colleges and universities in China, can the future intellectual property protection mechanism be more complete.



Conclusion

With the continuous development of China's knowledge economy and the orderly promotion of intellectual property protection, the research on intellectual property protection in medical colleges and universities is expected in the future, but how to build a more scientific and perfect intellectual property protection system in medical colleges and Universities under the theme of building an innovative society is the goal we need to constantly strive for.

A watercolor illustration of various green leaves and branches, including ferns and broad-leafed plants, arranged in a rectangular frame around the central text. The background is a light, textured cream color.

**Thank you.
Wish you everything goes well.**