

Exploring the Relevance between Technology Economy and Management and Intellectual Property Management

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Abstract: With the advent of the era of knowledge economy, people pay more attention to the practical application of scientific and technological knowledge and bring about the improvement of economic level. The background and significance of intellectual property management are analyzed. Then the connotation of intellectual property and its related theories are deeply studied. Through consulting information and field research, the current situation of intellectual property education, the establishment of management institutions and the formulation of economic system in Colleges and universities is analyzed. Through a comprehensive review of the research progress of China's intellectual property management discipline. The analysis reveals that the hot topics of intellectual property economics and management discipline research in China mainly focus on intellectual property and technological innovation, innovation performance, economic growth and patent strategy, patent quality and patent value. Studies have shown that in the process of expanding the boundaries of economic management theory, intellectual property management will extend outward and gradually overlap with other disciplines. Can bring greater impetus to the development of the economy.

1. Introduction

With the development of society, human beings have entered the era of knowledge-based economy. People pay more attention to the practical application of scientific and technological knowledge and bring about the improvement of economic level [1]. Intellectual property system is an important legal system which recognizes that knowledge is a kind of property and promotes its creation, dissemination and Application on the basis of effective protection of patents, trademarks and copyrights [2]. In many cases, knowledge is partially or completely non-exclusive, that is, it is difficult for the creator or owner of knowledge to prevent others from using it in some ways without authorization. By combining qualitative analysis with quantitative analysis, a relatively complete intellectual property management system in Colleges and universities is constructed, which promotes the establishment of a scientific and standardized intellectual property management system in Colleges and universities, strengthens the operation ability of intellectual achievements, and provides theoretical support and system design for improving the performance of intellectual property management in Colleges and universities [3]. Only when the legal ownership of the knowledge of new technologies is determined, that is, the protection of intellectual property rights can guarantee the market competitive advantage of technological innovations [4]. At the current stage, the intellectual property law focuses on the protection of intellectual property rights. The rights exercise system is relatively sound but does not establish a correspondingly perfect restraint mechanism. Protection of intellectual property rights of intellectual property rights The intellectual property management discipline is formed under the full integration of law, management, economics, business, computer and information science, and has obvious interdisciplinary characteristics [5].

Economic management came into being in the mid-20th century. It is an economic specialty of comprehensive colleges and financial colleges. It lays particular emphasis on grasping the law of macro-economic operation and macro-economic management [6]. Exploring the research progress of intellectual property management will help us grasp the existing research foundation, strength and achievements in the field of intellectual property management research in China, and set up the

discipline of intellectual property management formally, so as to better cultivate national intellectual property rights [7]. Science and technology are the motive force to promote the progress of human society. Although intellectual activities and their carriers appeared long ago, intellectual property rights came into being with the development of commodity economy and science and technology. From the point of view of the history of the emergence of intellectual property rights, the emergence of intellectual property rights almost synchronizes with the rise of modern science and technology. And how to use, control and manage their own scientific and technological capabilities is the key to improve competitiveness and adapt to economic development [8]. Especially in today's knowledge economy and economic globalization, the influence of internationalization of intellectual property rules is becoming more and more obvious. The existing intellectual property rights of colleges and universities are mainly patent application and authorization, intellectual property education, establishment of intellectual property management institutions and the formulation of intellectual property system [9]. However, the intellectual property legal system is still private law in essence, with strong compensation function and weak punishment function, which cannot completely eliminate the adverse effects of abuse on competition. It is a close combination of training senior technical management and management and intellectual property management of senior management talents and promoting technology and economy. Therefore, this paper has carried out research on the relationship between technology economy and management and intellectual property management discipline [10].

2. Materials and Methods

In the stage of preparation and development of innovation, intellectual property researchers search patent documents, find out relevant technical information, study the inherent law of existing technology, and find out the technology with market economic benefits for development. Strengthening the protection of intellectual property rights is to crack down on such illegal activities, so that the achievements of scientific and technological progress can smoothly realize its commercial value, increase the benefits of science and technology, and enable scientific and technological progress to be sustained rather than hindered, thereby enhancing scientific and technological competition. force. Relying on the cross-disciplinary advantages of multidisciplinary, we strive to carry out theoretical innovation, institutional innovation, and scientific and technological innovation. We are guided by the actual needs of various specialized talents in social and economic development, and become the main base for cultivating talents.

Intellectual property was originally created as a feudal privilege. With the development of individualism, the feudal character of intellectual property was weakened, but in essence, intellectual property is still a monopoly right. The hot topics of intellectual property management research in China mainly focus on intellectual property rights and technological innovation. The relationship between intellectual property rights and technological innovation in intellectual property management discipline is shown in Table 1 and Figure 1. Intellectual property specialty should be added to management and economics to stabilize and strengthen the intellectual property professionals. Establish a special intellectual property management organization, equipped with specialized intellectual property personnel, including intellectual property strategic planning personnel, intellectual property day-to-day management personnel, intellectual property rights operation personnel and intellectual property legal protection personnel. It is necessary not only to study the legal protection of intellectual property rights, but also to study the creation, management and management of intellectual property rights in enterprises, and to conduct strategic research on intellectual property rights at the national, industrial and enterprise levels.

Table 1 the Relationship between Intellectual Property and Technological Innovation in Intellectual Property Management

	Standard	Frequency
Intellectual property	2.51	0.82
Technological innovation	1.72	0.39

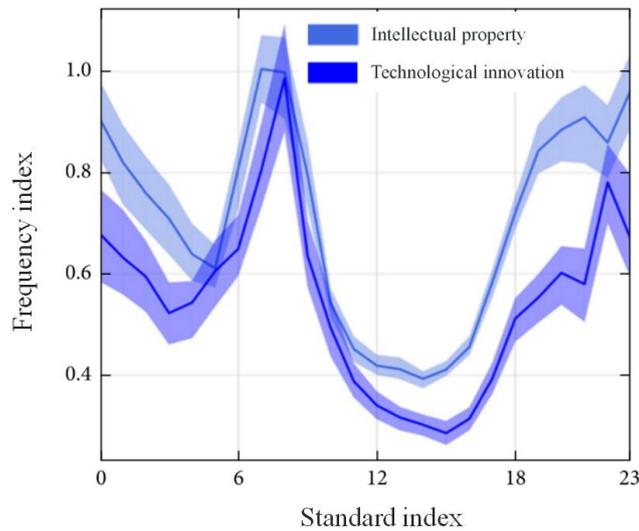


Fig.1.The Relationship between Intellectual Property and Technological Innovation in Intellectual Property Management

Colleges and universities should customize the reward management system and implementation measures for intellectual property achievements in accordance with the provisions of relevant laws and regulations of the state on reward for intellectual property rights. At the same time, the corresponding restraint mechanism should be formulated. In order to acquire independent intellectual property rights, we should give full play to the important role of scientific and technological personnel in technological innovation. The impetus of technological progress to intellectual property rights is shown in Figure 2. People are the most active and active factor in productivity. Enterprises should constantly develop technological innovation activities, and constantly acquire more independent intellectual property rights in the process of technological innovation activities. Technical and economic research technology, strive to create core technology, intellectual property discipline will create the core technology to protect the law, while the technical workers to search the patent documents, provide relevant international and domestic technical areas to better guide. Actively carry out intellectual property academic research activities, guide and promote the prosperity and development of China's intellectual property disciplines, strengthen international cooperation and exchanges, in-depth study of the theory and latest development of the intellectual property system, and provide suggestions for the development and improvement of China's intellectual property system.

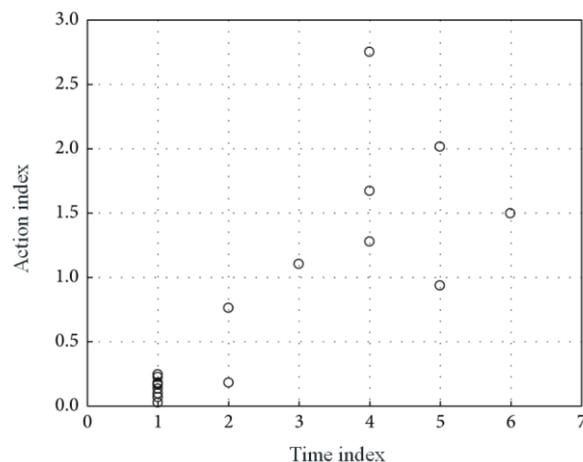


Fig.2. The Promoting Role of Technological Progress on Intellectual Property Rights

3. Result Analysis and Discussion

With the further development of economy, developed countries and regions have changed their

attitude of fully supporting intellectual property at the beginning of its origin, and began to pay attention to the increasingly serious monopoly problem in the field of intellectual property. Technological economy and management disciplines should study the relationship between technology and economy, and intellectual property management disciplines should also study the relationship between technology and economy. The emergence and development of technology economics and management research technologies. The backwardness of intellectual property management has seriously hampered the advancement of intellectual property work, and the establishment of intellectual property management disciplines is imminent. It is believed that the subject of intellectual property management should be established and research on intellectual property matters in the following aspects: creation of intellectual property achievements, authorization of intellectual property achievements, protection of intellectual property rights, and administrative aspects of intellectual property rights.

Ideal techno-economic and managerial personnel and intellectual property management personnel should be compound talents who understand technology, economy, management and law, and should choose the best mode of running a school. We should manage scientific and technological talents as capital, increase investment in talents, increase the value of talents themselves, and promote the overall development of schools. We should capitalize on the results and transform the real income into the larger expected income. Become a system that is both inclusive and adaptable. Don't blindly catch up with the world trend in legislation and justice. In short, we must use the defensive strategy to improve and apply our existing intellectual property protection system to meet the challenges.

The object of intellectual property talents training should first be the senior management and legal service personnel who give priority to the development of industries by the state. In view of how to deal with the challenges of intellectual property in international trade and the early warning Countermeasures of intellectual property in enterprise development, intensive training is followed by the training of high-quality legal service personnel. The research contents and fields of technology economy and management and intellectual property management should be well coordinated and integrated in the process of technological innovation. When studying the laws of technology, technical and economic researchers should pay attention to the intellectual property rights of scientific and technological achievements and the industrialization of patented technologies, and increase the proportion of evaluation of intellectual property achievements. Objectively evaluate the results of various types of intellectual property work, reasonably set the weight of evaluation of intellectual property work results, and make a corresponding evaluation with different papers, award-winning achievements, etc., and form a correct performance guidance system. It has comprehensively combed the research progress of China's intellectual property management disciplines and provided important decision support for the formal establishment of intellectual property management disciplines by relevant departments.

4. Conclusion

This paper studies the relationship between technology economy, management and intellectual property management. This paper demonstrates the relationship between intellectual property rights and the development, management and economic growth of science and technology, and puts forward a goal-based intellectual property development strategy. With the continuous advancement of innovation-driven development strategy, the society has put forward higher requirements for the creation, application, protection and management of intellectual property rights. In this way, we need to cultivate, especially in Colleges and universities, a large number of high-end, compound intellectual property management personnel. The disciplines of technology economy and management and intellectual property management have common development areas or goals, problems that need to be solved together; common theoretical basis of disciplines; common technical means and methods; and complementary functions of common topics. Setting up the discipline of intellectual property management can provide an important base for the cultivation of high-end intellectual property compound talents. It is necessary to integrate the curriculum,

scientific research institutions and personnel training of the intellectual property teaching part of the university with the characteristics of the university itself and the responsibilities. Among them, this can also reflect the characteristics of the university's intellectual property management system is different from that of enterprises and scientific research institutions. The disciplines of technology economy and management disciplines and intellectual property management can be further developed and can bring greater impetus to economic development. force.

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