

## The Practical Significance of Legal Protection in Hui-shang Art Patent

Dingbing Wu<sup>1,a,\*</sup>, Wen Zhu<sup>2,b</sup>

<sup>1</sup>School of Art and Media, Wuhu Institute of Technology, Wuhu, China <sup>2</sup>School of Art and Design, AnHui Business College, Wuhu, China <sup>a</sup>wudbtwoing2024@126.com, <sup>b</sup>miazhuzhu@189.cn <sup>\*</sup>corresponding author

*Keywords:* Huizhou Merchants, Art Patents, Legal Protection, Social Development, Intellectual Property Rights

*Abstract:* The purpose of this paper is to explore the practical significance of legal protection of Huizhou merchants art patent. As an important business group in the history of Chinese commerce, Huizhou merchants played an important role in the social development with their unique business model and artistic creation. In modern society, the legal protection of Huishang art patent is of great significance for promoting innovation, protecting intellectual property rights and promoting the inheritance of cultural heritage. This paper will discuss the legal protection framework, protection measures and its practical significance in the social development of Huizhou merchants art patent.

## 1. Introduction

As an important commercial group in the history of Chinese commerce, Huizhou merchants play an important role in social development with their unique business model and artistic creation. Due to the special stickiness of China's feudal society, art buyers represented by Huizhou merchants and commodity suppliers represented by artists were traditionally powerless and compromised in the fight against feudal ethics. Literati's mentality and value orientation were constrained by feudal culture and economy, and it was difficult to get rid of constraints, and the existence of hidden transactions such as bribe and bribe had a negative impact on social atmosphere. This historical inertia still has a negative impact on the Chinese art market today<sup>[1]</sup>. Therefore, in modern society, the legal protection of Huizhou merchants art patent is of great significance to promote innovation, protect intellectual property rights and promote the inheritance of cultural heritage. The purpose of

Copyright: © 2024 by the authors. This is an Open Access article distributed under the Creative Commons Attribution License (CC BY 4.0), which permits unrestricted use, distribution, and reproduction in any medium, provided the original work is properly cited (https://creativecommons.org/licenses/by/4.0/).

this paper is to discuss the legal protection framework, protection measures and its practical significance in social development.

## 2. The research background, purpose and method of Huishang art patent

## 2.1 Research background

As an important group in the history of Chinese commerce, Huizhou merchants play an important role in social development with their unique business models and cultural traditions. Huizhou merchants are based on commercial activities and at the same time have made great contributions to the development of art and culture. In the business activities of Huizhou merchants, it involves the protection of their art patents, which is of great significance for safeguarding intellectual property rights and promoting cultural innovation and inheritance.

#### **2.2 Research objectives**

The purpose of this study is to explore the practical significance of legal protection in Huizhou merchants art patent. Specifically, the research aims at: analyzing the importance and characteristics of Hui-shang art patent; Explore the legal protection framework of Huishang art patent; Study the practical significance of legal protection of Huishang art patent, including the impact on innovation, intellectual property protection and cultural heritage inheritance.

#### **2.3 Research methods**

The following research methods will be used in this study:

Literature review: Comprehensive analysis of relevant literature, laws and regulations and academic research to understand the theoretical basis and practical experience of Hui-shang art patent and legal protection.

Case analysis: Through analyzing the protection cases of Huishang art patent, the role and effect of legal protection in practical application are discussed.

Comparative research: The legal protection of Huishang art patents is compared with that of other regions or industries to find common ground and differences, and to summarize the practical significance.

Empirical research: Through the collection and analysis of relevant data and statistical information, evaluate the actual effect of legal protection of Huishang art patent.

Through the comprehensive application of the above research methods, starting with patent data, keyword extraction algorithm and social network analysis method<sup>[2]</sup>, this paper studies and reveals the practical significance of legal protection in Huizhou merchants' art patents, and provides useful references and suggestions for further promoting Huizhou merchants' cultural inheritance and intellectual property protection.

## 3. The importance and characteristics of Hui-shang art patent

#### 3.1 Definition and classification of Huishang art patents

Huishang art patent refers to the innovative and practical technical solutions, designs and styles created and applied by Huishang in the field of art under the protection of intellectual property laws. Huishang art patent may include but is not limited to the following aspects:

Technical invention patent: Huizhou merchants innovative inventions in art and technology,

material application, etc.

Utility model patent: Huizhou merchants created art design, carving skills and other novel and practical solutions.

Appearance design patent: Huishang unique artistic appearance design and modeling.

## **3.2 Social significance of Huishang art patent**

The protection of Huishang art patent has important social significance:

Promote innovation and artistic development: The protection of artistic patents encourages Hui merchants to innovate in artistic creation and craft technology, and promotes the development and progress in the field of art.

Protection of intellectual property rights: The protection of artistic patents ensures that the intellectual property rights of Huizhou merchants in artistic creation are legally protected, and encourages creators to actively invest in creation and innovation.

Promote the inheritance of cultural heritage: The protection of Huizhou merchants' art patents helps to protect and inherit their unique art forms and crafts, and maintain the continuity of Huizhou merchants' culture and the continuation of traditions.

Promoting economic development: The protection of art patents provides economic rewards and incentives for Huizhou merchants' creation and innovation, and promotes the development of Huizhou merchants' industry and economic prosperity.

## 3.3 Innovation and inheritance of Huishang art patents

The protection of Huishang art patents encourages Huishang to innovate in artistic creation and craft technology. With its unique business model and cultural tradition, Huizhou merchants have formed a series of innovative features in artistic creation:

Fusion of tradition and modernity: Huishang Art patent integrates modern design and innovative thinking on the basis of traditional craft skills to make traditional art glow with new vitality.

Pay attention to details and exquisite craftsmanship: Hui merchants pay attention to details and exquisite craftsmanship, and promote the inheritance and promotion of craftsmanship through the protection of artistic patents.

The innovation and inheritance of traditional culture: The innovation and inheritance of Huizhou merchants' art patents make traditional culture spread and develop in contemporary society, and stimulate people's interest and love for traditional culture.

The importance and characteristics of Huishang art patents reflect the unique contribution of Huishang in artistic creation and craftsmanship, and their protection and inheritance are of great significance for promoting innovation, protecting intellectual property rights and promoting cultural inheritance.

#### 4. Legal protection framework of Huishang art patent

## 4.1 Overview of China's intellectual property legal system

China's intellectual property legal system includes the Patent Law, trademark Law, copyright law and other laws and regulations. These laws provide the legal basis and guarantee for the protection of Huizhou merchants' art patents. Among them, patent law is the main legal basis for the patent protection of Huizhou merchants art. In addition, there are relevant administrative regulations, judicial interpretations and departmental rules, etc., detailing the specific provisions and implementation rules of patent protection.

## 4.2 Scope of protection and requirements of Huishang art patent

The scope of protection and requirements of Huishang art patent mainly follow the provisions of Chinese patent law. According to the patent law, the scope of protection of art patent includes the exclusive right of the patentee to the unauthorized production, use, sale, promise to sell and other acts of others during the patent term. To obtain the protection of Huishang art patent, the following requirements need to be met:

Novelty: The creation of a Huishang art patent must have novelty, that is, the art creation has not been made public globally before the filing date.

Creativity: The creation of the Huishang Art patent must be creative, that is, for professionals in the same field, the creation is not a routine or obvious solution.

Practicability: The creation of Huishang art patents must have the possibility of practical application, that is, it can be practically applied in the fields of process production and artistic creation.

Reproducibility: It can be expressed in the form of material reproduction, including printing, recording, etc., and replication includes the reproduction from plane to plane, from plane to stereo, and from stereo to stereo<sup>[3]</sup>.

#### **4.3 Protection measures and procedures for Huishang art patents**

The protection of Huishang art patents involves the following measures and procedures:

Patent application: Artistic creators may apply for a Huishang art patent to the State Intellectual Property Office, including the submission of the description of artistic creation, drawings and implementation requirements and other application documents.

Patent examination: The State Intellectual Property Office will examine applications for art patents, including the assessment of novelty, creativity and utility.

Patent grant: If the art patent application meets the legal requirements, the State Intellectual Property Office will grant the patent right and issue the patent certificate.

Patent rights protection: The patentee may bring a lawsuit against the infringement according to law to protect his patent rights and interests. The court will judge and compensate the infringement according to the patent law.

The patent database of the State Intellectual Property Office actually collects the invention patent data of many institutions, integrating patents and citations and other parts, including domestic and foreign patent literature, patent applications, grants and announcements, and so on. Therefore, using the patent database of the State Intellectual Property Office as the data source can ensure the reliability of patent data<sup>[4]</sup>. Therefore, in the intellectual property protection of folk literature and art, a variety of modes can be comprehensively applied. The copyright protection of folk literature and art that constitute works can be strengthened, and the protection of folk craft technology can be applied for patent, and relevant groups can also be encouraged to register collective trademarks or certification trademarks<sup>[5]</sup>. After the right is confirmed, the relevant subject should take the inheritance of traditional cultural and artistic achievements as the goal, and carry out extended protection in other forms of patent rights such as "utility model patent" and "design patent"<sup>[6]</sup>. The protection measures and procedures of Huishang art patent help to ensure that the rights and interests of art creators are protected by law, and provide legal protection for the innovation and inheritance of Huishang culture.

## 5. The practical significance of legal protection of Huishang art patent

## 5.1 Incentives to promote innovation and artistic creation

The legal protection of Huishang art patent provides an incentive and reward mechanism for art creators. By ensuring that the creative work of artistic creators is legally protected, they are encouraged and motivated to invest more time and resources in innovation and artistic creation. This helps to promote innovation and progress in the field of Huishang art, and promote the diversity and quality of artistic works.

## 5.2 Protection of intellectual property rights and inheritance of cultural heritage

The legal protection of Huizhou merchants' art patent is helpful to protect their unique intellectual property rights and cultural heritage. Huizhou merchants have rich artistic creation and craft skills, and these valuable knowledge and techniques need to be protected to ensure the continuation of their inheritance and traditions. Through legal protection, the innovative achievements of Huizhou merchants' art patents will be legally protected, and the inheritance and development of cultural heritage will be promoted.

## 5.3 Promote the spread and economic development of Huizhou merchants culture

The legal protection of Huizhou merchants' art patent is helpful to promote the dissemination and promotion of Huizhou merchants' culture. The protection of art patents makes the artistic creation and craftsmanship of Huizhou merchants more widely recognized and publicized, and promotes the dissemination and influence of Huizhou merchants culture. At the same time, the protection of Hui-shang art patent also provides economic returns and incentives for the development of Hui-shang industry. Art creators and enterprises can obtain legitimate economic benefits through patent protection, and further promote the development of Huizhou business industry and economic prosperity.

The practical significance of legal protection of Huishang art patent is not only reflected in the field of art creation and culture, but also related to economic development and social influence. Through legal protection, the innovative achievements of Hui-shang art patents have been protected and encouraged, which has promoted the inheritance, innovation and economic prosperity of Hui-shang culture. This is of great significance for safeguarding intellectual property rights and promoting cultural innovation and inheritance.

## 6. Case study and comparison

## 6.1 Successful case: Protection and utilization of Huishang art patent

A successful case is the protection and utilization of Huishang art patent, that is, the process of commercial operation and utilization of Huishang's unique artistic creation and craftsmanship through patent protection. Through patent protection, commercial art creators have obtained legal protection of intellectual property rights, encouraging them to carry out more innovation and artistic creation. At the same time, enterprises can use these art patents to launch unique art products in the market, increase market competitiveness, and obtain commercial benefits. Through the protection and utilization of art patents, the art of Huizhou merchants has been more widely disseminated and recognized, and also promoted the inheritance of Huizhou merchants culture and economic development.

# **6.2** Comparative analysis: The comparison between Huishang art patent protection and other regions

Compared with other regions, the protection of Huishang art patent has some unique characteristics:

Protection of cultural traditions: As a group with a long history and unique cultural traditions, the protection of art patents helps to protect and inherit the art forms and crafts of Huizhou merchants, and maintain the continuity of their culture and the continuation of their traditions.

Integration of traditional and modern innovation: The innovation and inheritance of Huishang art patents have integrated modern design and innovative thinking on the basis of traditional culture, making traditional art full of new vitality, which is different from the art patent protection in other regions.

The promotion of economic development: The protection and utilization of Hui-shang art patents help to promote the development of Hui-shang industry and economic prosperity. Through commercial operation and marketing, art creators and enterprises can obtain economic benefits.

However, compared with other regions, Huizhou merchants still face some challenges in the awareness and practice of art patent protection. This includes the complexity of the patent application process, the promotion of patent protection awareness, and the supervision of patent infringement. Huizhou merchants can learn from the experience of other regions in intellectual property protection, further strengthen the protection and utilization of art patents, and promote the innovation and development of Huizhou merchants art. In a broad sense, applied works of art are divided into products and works, and only those belonging to the category of works can be protected by copyright law. For applied art products, if they meet the novelty, practicality and aesthetics, design patent protection can be granted; For applied art products that neither belong to the category of works nor meet the conditions of patents, copyright law and patent law cannot provide corresponding protection<sup>[7]</sup>.

In short, the protection and utilization of Huizhou merchants' art patent is of great significance to the inheritance, economic development and innovation of Huizhou merchants' culture. Compared with other regions, the patent protection of Huishang art has unique characteristics in the protection of cultural tradition, innovation and economic development, but it also faces some challenges. By strengthening patent protection awareness, optimizing patent application process and strengthening patent infringement supervision, Huishang can further improve the level of art patent protection and utilization, and promote the innovation and development of Huishang art.

#### 7. Conclusion and prospect

#### 7.1 Research Conclusions

Through this study, we can draw the following conclusions:

The legal protection of Huishang art patent is of great significance for promoting innovation and encouraging artistic creation. Patent protection provides a reward mechanism for artistic creators, encouraging them to innovate and create art.

The protection of Huishang art patents helps to protect intellectual property rights and the inheritance of cultural heritage. Through patent protection, the unique artistic creation and craftsmanship of Huizhou merchants have been legally protected, and the inheritance and development of cultural heritage have been promoted.

The protection of Huizhou merchants' art patent promoted the spread of Huizhou merchants' culture and economic development. The protection of art patent makes the art of Hui-shang more widely recognized and publicized, and also provides economic returns and incentives for the

development of Hui-shang industry.

## 7.2 Research limitations and Prospects

There are some limitations in this study, which can be used as a prospect for future research:

The scope of this study is mainly focused on the legal protection of Huizhou merchants art patent, and the in-depth analysis of actual cases and the discussion of specific operation details are insufficient. Further research can be combined with specific cases to deeply explore the practical experience of the protection and utilization of Huishang art patents.

The comparative analysis of the patent protection of Huichang art and other regions in the study is brief and fails to cover a wider geographical and cultural background. Future research could further expand the comparative analysis of IP protection in other regions to gain a more comprehensive knowledge and understanding.

Although this study has mentioned the practical significance of patent protection for Hui-shang art, the quantitative analysis and evaluation of the specific socio-economic impact and cultural inheritance effect have not been thoroughly studied. Further research can be combined with empirical research methods to quantitatively evaluate the impact of patent protection on Huishang art.

Outlook:

Future research can be carried out from the following aspects:

This paper deeply studies the practical cases of Huishang art patent protection and utilization, analyzes the successful cases and lessons, and provides practical guidance and suggestions for Huishang art creators and enterprises.

To expand the scope of research, compare and analyze the differences and common points between Huishang art patent protection and other regions, so as to promote international cooperation and experience exchange in intellectual property protection.

This paper further studies the impact of Hui-shang art patent protection on social economy and cultural inheritance, and quantitatively evaluates its effect through empirical research methods, so as to provide scientific basis for policy making and decision-making.

It is a logical and historical necessity for art to move from royal patronage and private patronage to public patronage and market eventually<sup>[8]</sup>.

## Acknowledgements

2022 Science and Technology Special Commissioner of Wuhu City (Yongsheng Village) (kjtpy202206).

General Project of university-level Humanities and Social Science Research of Wuhu Vocational and Technical College in 2024 "Research on the Application of Law to dismiss Senior Managers of Companies" (wzyrw202436).

Key project of Humanities and Social Sciences in Universities of Anhui Province "Art sponsorship of Huizhou merchants in late Ming and Early Qing Dynasties and its practical Significance" (SK2021A1054).

## References

[1] Wang Chao, Zheng Xing. The Cultural interaction between Hui Merchants and Jiangnan Art Market in the late Ming Dynasty [J]. Journal of Anshan Normal University,2023,25(4):81-86.

[2]Chen Yunwei. Development of Social Network Analysis (SNA) Using Intelligence Analysis[J]. Journal of the China Society for Scientific and Technical Information, 2019, 38(01):21-28.

- [3] Zhao Yang, Shi Wenqing, Liu Xiuyan, et al. Analysis on the legal Protection of Applied art works in China [J]. Law and Society,2014,8(C):274-276.
- [4] Yu Shuwei, Weng Jiongzhou, Liu Feiyang, Huo Hao. Research on innovation trend and design direction of fitness products based on Patent Knowledge graph construction method [J]. Packaging project, network launch time:2024-05-23 13:17:34.
- [5] TANG Lei. Analysis and Evaluation of protection mode of Intellectual property rights of folk literature and art [J]. Industry & Technology Forum, 2016, 21(15): 31-32.
- [6] Chu Yanan. Research on Countermeasures of Patent Protection of traditional cultural and artistic Achievements [J]. Journal of Guangxi Radio and Television University, 2019,31(1):89-92.
- [7] Yao Hongbing. Legal protection of jewelry design from the First Case of Rights Protection of Original Jewelry Design in China [J]. Journal of Zhengzhou Institute of Light Industry (Social Science Edition),2013,14(4):63-67.
- [8] LI Xiangmin. Economic History of Chinese Fine Arts [M]. Beijing: People's Publishing House, 2013:550.