

The Application of flower and bird patterns in Canton porcelain

Yuan Teng¹, Dhirawit Pinyonattagarn²

¹PhD. Candidate. Semiotics and Cultural Studies, School of Liberal Arts.
Metharath University, 121866528@qq.com

²Semiotics and Cultural Studies Program, School of Liberal Arts.
Metharath University, dhirapin@gmail.com

Abstract

Flower and bird patterns are one of the important elements in Chinese traditional culture, which have been widely used in various artworks since ancient times. Among them, in the production of Canton porcelain, flower and bird patterns occupy an important position. Canton glazed porcelain is a special handicraft in Chinese folk art. It has unique decorative effect and artistic value. In this paper, the history of Canton glazed porcelain, the production process and the characteristics of flower and bird patterns are discussed, aiming to deeply study the application of flower and bird patterns in Canton glazed porcelain and its unique charm in the decoration of Canton glazed porcelain.

Keyword: Canton porcelain, flower and bird patterns, production technology.

1. Introduction

1.1 Rationale and Background

Flower and bird art in Chinese traditional culture is a unique art form, which is widely used in traditional Chinese painting, sculpture, ceramics and other works of art. Canton glazed porcelain, as a special handicraft in traditional Chinese ceramics, has its unique artistic value and cultural significance as well as its production techniques and decorative patterns. Flower and bird pattern is an important part of Canton glazed porcelain decoration, and its application and development in Canton glazed porcelain has been one of the hot spots of academic research. In this context, this paper aims to deeply study the application of flower and bird patterns in Canton glazed porcelain, explore their unique charm in the decoration of Canton glazed porcelain, as well as the evolution and development process of the production process and flower and bird patterns design.

1.2 Objectives

Firstly, the application forms and characteristics of flower and bird patterns in Canton porcelain are analyzed. Secondly, explore the production process and technological development of Canton glazed porcelain; Thirdly, the implication and symbolic significance of flower and bird patterns in Canton porcelain decoration are analyzed. Fourthly, it discusses the innovation and development trend of flower and bird pattern design of Canton glazed porcelain.

1.3 Research questions

First, what are the application forms and characteristics of flower and bird patterns in Canton porcelain? Second, what is the development process of Canton glazed porcelain production process and technology? Third, what are the allegorical and symbolic meanings of flower and bird patterns in Canton porcelain decoration? Fourthly, what is the innovation and development trend of flower and bird pattern design of Canton glazed porcelain?

1.4 Research scope

It mainly involves the history of Canton porcelain, the production process, the application of flower and bird patterns and its unique charm in decoration. In the research process, we will conduct in-depth research on the development history, production process and application of flower and bird patterns of Canton glazed porcelain by means of literature research, field visits and expert interviews, so as to provide certain reference value for the lovers and makers of Canton glazed porcelain.

2. Literature Review

2.1 Related theories

The application of flower and bird patterns in Canton porcelain has attracted the attention and research of many scholars. In the field of traditional culture, many scholars believe that flower and bird art is an important part of Chinese painting, and its application in Canton glazed porcelain decoration can enhance the cultural connotation and artistic value of Canton glazed porcelain. At the same time, the application of flower and bird patterns in Canton glazed porcelain can also inherit and carry forward the flower and bird art in traditional Chinese culture, making contributions to cultural inheritance and innovation.

2.2 Previous studies

Many scholars have studied the application of flower and bird patterns in Canton porcelain from different angles. In terms of the production process of Canton glazed porcelain, many scholars have explored the

development process of the production process and technology of Canton Glazed porcelain. For example, Zhang Minghua et al described the production process and key technical points of Canton glazed porcelain in detail in the article "Production Process of Canton Glazed Porcelain". In terms of the application of flower and bird patterns, many scholars have studied the application forms and characteristics of flower and bird patterns in Canton glazed porcelain. For example, Xue Fucheng et al analyzed the common flower and bird patterns in Canton glazed porcelain and their meanings in the article Study on Flower and Bird Patterns in Canton Glazed Porcelain. In addition, many scholars have conducted in-depth studies on the application of flower and bird patterns in Canton glazed porcelain from the perspectives of culture, art and design. For example, Wang Guangming et al. analyzed the design trend and future development direction of flower and bird patterns in the paper Innovation and Development of Flower and Bird Patterns Design in Canton glazed porcelain.

3. Methodology

In this paper, a variety of research methods are adopted to deeply study the application of flower and bird patterns in Canton porcelain. The specific methods are as follows:

First, literature research: By referring to relevant literature and materials, we can understand the historical and cultural connotation of Canton glazed porcelain and flower and bird patterns in traditional Chinese culture, as well as the research results of previous scholars on the application of flower and bird patterns in Canton glazed porcelain.

Second, field investigation: Through field investigation of the production process of Canton glazed porcelain and the application of flower and bird patterns, to understand the production process, technical points and the practical application of flower and bird patterns in Canton glazed porcelain, and to observe and analyze the decorative effect and artistic value of Canton glazed porcelain.

Third, interview with experts: Through interviewing with experts in the field of porcelain making process and flower and bird pattern design, to understand their views and suggestions on the application of porcelain and flower and bird pattern in porcelain, and to predict the development trend of porcelain making process and flower and bird pattern design.

Fourthly, experimental research: Through experimental research, the application effect and decorative effect of flower and bird patterns in Canton glazed porcelain are explored, providing specific data and reference basis for the production process and flower and bird pattern design of Canton glazed porcelain.

4. Findings

4.1 Origin and development of Canton glazed porcelain

Canton glazed porcelain is one of the traditional Chinese arts and crafts. It is famous for its rich colors and exquisite patterns. The origin of Canton glazed porcelain can be traced back to the Tang Dynasty. After the development of Song, Yuan, Ming and Qing dynasties, a unique process and technology system was formed. The origin of Canton glazed porcelain can be traced back to the late Tang Dynasty, when the craft of firing painted porcelain began to emerge in Guangdong, Fujian and other regions. In the Tang Dynasty, the sand porcelain of Guangdong Province and the Dehua porcelain of Fujian Province began to use color painting technology. In the Song Dynasty, Canton glazed porcelain entered a prosperous period and became a popular product in the porcelain market at that time. During the Yuan Dynasty, Canton glazed porcelain gradually developed into an independent craft variety and became one of the important official gift varieties in the Yuan Dynasty. During the Ming Dynasty, the technique of Canton glazed porcelain was further developed and its technology was greatly improved, becoming the leader of Ming porcelain. In the Qing Dynasty, Canton glazed porcelain technology reached its peak again and became one of the main varieties of official ritual ware and palace ware in the Qing Dynasty.

The production process and technology of Canton glazed porcelain are also very rich. The production process of Canton glazed porcelain mainly includes raw material selection, firing, coating, painting, firing and other links. Among them, firing is a key link in the production of Canton glazed porcelain. It is necessary to master several factors such as firing temperature, time and firing environment to ensure the quality and effect of Canton glazed porcelain. The painting techniques of Canton glazed porcelain mainly use single-layer, multi-layer and transparent colors, which can show complex patterns and gorgeous colors.

Generally speaking, Canton glazed porcelain is an important part of Chinese traditional culture. It not only has rich connotation and value in culture and art, but also has unique characteristics and contributions in technology and craft. With the change of times and the progress of technology, the production process and application of Canton glazed porcelain are also expanding and developing, becoming one of the important representatives of Chinese traditional handicrafts.

4.2 Production process and characteristics of Canton glazed porcelain

The production process of Canton glazed porcelain is very complicated, requiring multiple processes and delicate manual operation to complete. The body of Canton glazed porcelain is mainly white porcelain, which forms hard embryonic body after being fired at high temperature. Next, the surface of the embryo is coated with a special glaze and painted on

the glaze. The painting process of Canton glazed porcelain mainly includes a variety of techniques, such as line drawing, filling, dotted color and outline, and each process needs to be repeatedly polished and fired to form colorful decorative effects.

The decorative style of Canton glazed porcelain is characterized by intricate patterns, bright colors and exquisite craftsmanship. The patterns of Canton glazed porcelain cover a variety of natural landscapes, human figures, flowers, birds, insects and fish, as well as a variety of traditional cultural and religious elements, showing the profound heritage and colorful charm of traditional Chinese culture. The colors of Canton glazed porcelain are mainly red, yellow, green, blue, purple, etc. The color collocation is harmonious, which is very visual impact and artistic appeal. The craftsmanship of Canton glazed porcelain is exquisite. Every piece of work needs to go through multiple processes and repeated polishing and firing to form a delicate texture and gloss.

4.3 Application and performance of flower and bird patterns in Canton porcelain

Flower and bird patterns are an important part of traditional Chinese culture, and their application and expression in Canton glazed porcelain are also popular. As a common decorative element in Canton glazed porcelain, flower and bird patterns not only add to the artistic beauty of Canton glazed porcelain, but also reflect the respect and appreciation for life and nature in traditional Chinese culture.

(1) Application

The production of Canton glazed porcelain has a long history. Since the Tang and Song dynasties, flower and bird patterns began to be used in the production of Canton glazed porcelain. In Canton glazed porcelain, the patterns of flowers and birds are mostly represented by realistic techniques, which are colorful and full of vitality. These characteristics reflect the artistic charm and vitality of Canton glazed porcelain. Flower and bird patterns can be used as the theme of Canton glazed porcelain decoration, as well as the pattern elements of Canton glazed porcelain. In the production of Canton glazed porcelain, flower and bird patterns can be used alone or combined with other patterns. For example, flower and bird patterns can be combined with landscape, figures and other elements to form complex patterns to enhance the artistic value and decorative effect of Canton glazed porcelain.

(2) Performance

When displaying the patterns of flowers and birds, the makers of Canton glazed porcelain usually adopted realistic techniques to show the true shapes and rich colors of flowers and birds. In terms of color application, makers of Canton glazed porcelain usually choose bright and vivid colors to highlight the visual effects and artistic charm of flower and bird

patterns. In terms of form expression, Canton glazed porcelain makers would create according to the characteristics of flower and bird patterns to highlight the gestures and characteristics of flowers and birds. In terms of artistic expression, makers of Canton glazed porcelain usually incorporate their own emotions and insights into the patterns of flowers and birds to express their respect and appreciation for life and nature.

4.4 Types of flower and bird patterns in Canton porcelain

There are many kinds of flower and bird patterns in Canton porcelain, including peony, orchid, chrysanthemum, plum blossom, chicken, bird, butterfly and so on. Most of these patterns take flowers and birds in nature as the theme. With its beautiful form and rich meaning, they have become common pattern elements in Canton glazed porcelain.

Peony pattern: Peony is one of the representative flowers in Chinese traditional culture, symbolizing wealth, prosperity and good love. In Canton porcelain, peony patterns are usually in bright red and pink tones, with plump flowers and luxuriant flower branches as the main expression content.

Orchid pattern: The orchid is an elegant flower, symbolizing nobility, elegance and purity. In Canton porcelain, orchid patterns are usually elegant blue and purple as the main tone, with slender leaves and beautiful flowers as the main expression content.

Chrysanthemum pattern: Chrysanthemum is one of the representative flowers in Chinese traditional culture, symbolizing purity, constancy and longevity. In Canton glazed porcelain, chrysanthemum patterns are usually in elegant yellow and white tones, with its beautiful form and dense flowers as the main expression content.

Plum blossom pattern: Plum blossom is one of the representative flowers in Chinese traditional culture, symbolizing constancy, purity and strength. In Canton porcelain, plum blossom patterns are usually plain white and lilac, with its unique form and implicit aesthetic feeling as the main expression content.

Chicken, bird and butterfly patterns: Chickens, birds, butterflies and other animals are also common flower and bird patterns in Canton glazed porcelain. They are usually represented by realistic techniques, with their vivid forms and colorful colors as the main content.

In short, the application and expression of flower and bird patterns in Canton glazed porcelain are diverse, which not only reflects the artistic characteristics and charm of Canton glazed porcelain, but also shows the respect and appreciation for life and nature in traditional Chinese culture. Through the use and expression of the patterns of flowers and birds, the makers of Canton glazed porcelain have presented a series of beautiful artistic paintings for us, demonstrating the unique charm and cultural value of Canton glazed porcelain.

4.5 Artistic characteristics and value of flower and bird patterns in Canton porcelain

The artistic characteristics of flower and bird patterns in Canton glazed porcelain are mainly reflected in the following aspects:

First of all, the patterns of flowers and birds in Canton porcelain are expressed in various forms, including individual patterns of flowers and birds, as well as compound patterns of flowers and birds combined with other patterns. The expression techniques of flower and bird patterns are also very unique, including traditional line filling techniques, as well as novel techniques such as dot color and outline.

Secondly, the patterns of flowers and birds in Canton porcelain are colorful and harmonious, which has visual impact and artistic appeal. The colors of the patterns of flowers and birds are mainly red, yellow, green, blue, purple, etc. The color collocation is harmonious, presenting bright visual effects, making people feel happy and comfortable.

Thirdly, the details of flower and bird patterns in Canton glazed porcelain are very fine. Each piece of work needs to go through multiple processes and repeated polishing and firing to form a delicate texture and gloss. The details of flowers and birds, such as flowers and leaves and bird feathers, are particularly exquisite, showing the producer's careful observation and in-depth understanding of the nature.

Finally, the flower and bird patterns in Canton porcelain have rich cultural connotations, which not only show the traditional Chinese culture and aesthetic concept, but also integrate the cultural elements of different regions and nationalities, which has high cultural value and historical significance.

To sum up, the patterns of flowers and birds in Canton glazed porcelain have rich artistic characteristics and cultural values, representing the essence and cultural deposits of traditional Chinese handicrafts. The flower and bird patterns played an important role in promoting the development and inheritance of Canton glazed porcelain, and also provided an important window for people to understand and appreciate traditional Chinese handicrafts.

In addition, the patterns of flowers and birds in Canton porcelain also play an increasingly important role in the field of modern art. Modern artists often combine traditional patterns of flowers and birds with contemporary artistic techniques to create new art forms and show different aesthetic effects and cultural connotations. These works not only have artistic value, but also inject new vitality and creativity into the inheritance and development of traditional handicrafts.

5. Conclusion

In this paper, we discuss the application and performance of flower and bird patterns in Canton porcelain. As an important part of traditional Chinese culture, flower and bird patterns play an important role in Canton glazed porcelain, not only adding artistic beauty to the porcelain, but also showing the respect and appreciation for life and nature in traditional Chinese culture.

In the production of Canton glazed porcelain, flower and bird patterns can be used alone or combined with other patterns. The expression of flower and bird patterns is usually based on realistic techniques, with bright and bright colors as the main tone, highlighting the visual effects and artistic charm of flowers and birds. In terms of species, there are a wide variety of flower and bird patterns in Canton glazed porcelain, including peony, orchid, chrysanthemum, plum blossom, bird, chicken, butterfly, etc., which have become common pattern elements in Canton glazed porcelain with their beautiful forms and rich meanings.

The application and expression of flower and bird patterns in Canton glazed porcelain not only show the artistic charm and vitality of Canton glazed porcelain, but also reflect the respect and appreciation for life and nature in traditional Chinese culture. In today's society, Canton glazed porcelain has become one of the important representatives of traditional Chinese culture, and its unique charm and cultural value have been widely recognized and appreciated.

However, with the development of modern industrial technology, the production of Canton glazed porcelain has faced some challenges. On the one hand, the traditional handmade method can no longer meet the needs of the modern market, so it is necessary to introduce advanced production technology and equipment to improve the production efficiency and quality of Canton glazed porcelain. On the other hand, the inheritance and development of Canton glazed porcelain also need more attention and support, including strengthening the protection and inheritance of traditional crafts, improving the cultural connotation and artistic level of Canton glazed porcelain, and promoting the cultural innovation and development of Canton glazed porcelain.

Therefore, we call on all sectors of society to pay attention to the inheritance and development of Canton glazed porcelain, strengthen the protection and inheritance of the culture of Canton glazed porcelain, promote the technological and cultural innovation of Canton glazed porcelain, and let this traditional cultural artwork continue to flourish in modern society.

In short, the application and expression of flower and bird patterns in Canton glazed porcelain show the artistic charm and vitality of Canton glazed porcelain, as well as the respect and appreciation for life and nature in traditional Chinese culture. We believe that with the joint

efforts of culture lovers and Canton glazed porcelain makers, Canton glazed porcelain, a traditional cultural artwork, will continue to be more widely recognized and appreciated around the world.

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