



Application of Lacquer Art in Ceramic Decoration

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Abstract. The Application of Lacquer Art in Ceramic Decoration” is an exploration and study of the diverse development of lacquer art. By analyzing the feasibility and innovation of combining lacquer art with ceramic decoration, this paper introduces the specific application of different processes of lacquer art in ceramic decoration, and devotes itself to research from multiple aspects, angles and diversified directions. This project focuses on the creative inheritance and innovative development of lacquer, and explores the artistic sparks that arise from the combination of lacquer art and ceramic artworks. By understanding the application of traditional lacquer art in ceramic decoration, we will explore the deeper meaning of the combination of the two. Focusing on lacquer inlay, pineapple lacquer, and the combination of gold restoration and ceramic works, this paper attempts to explore the many possibilities of combining lacquer and ceramics with this combined material work. It concludes with a summary of the implications of the combination of lacquer and ceramics for the development of modern art.

Keywords: lacquer art · ceramics · integrated materials

1 Introduction

In recent years, people’s material and living standards have continued to improve, and their spiritual needs have grown and their aesthetics have gradually strengthened. While ceramic decoration is becoming more and more popular, lacquer is being used as a way to create different types of ceramic artworks. When it comes to this type of combination, many people feel that it is not necessary to combine the two. However, in the new era of society, we need to use different ways to improve the creative thinking and methods of creators in order to promote the development of lacquer and ceramics. Lacquer art is also no longer limited to combining with traditional ceramic vessels, but can also be combined with various types of modern pottery works. As the times continue to develop, new artistic languages are given to materials, the boundaries between various materials are becoming increasingly blurred, and the use of a variety of integrated materials is appearing in art design.

2 Feasibility of Lacquer Art in Ceramic Decoration

Throughout the thousands of years of history of Chinese culture, both lacquer and ceramics have left a very rich footprint in the field of art. Our ceramics and lacquer are quite rich in variety and exquisite craftsmanship, and the glaze and lacquer have reached a certain state of art. The combination of lacquer and ceramics was not just an offhand remark. At that time, the development of porcelain was still in its infancy, and most of the household utensils used by people were mostly pottery. After a chance discovery, people applied natural raw lacquer to the pottery jars, which could reduce the water absorption of pottery, and this discovery also opened the prelude to the combination of lacquer and pottery in China. The earliest lacquer pottery products were found in the ancient ruins of Liangzhu, and the varieties found were black pottery jars and vermilion and black colored pottery cups, which showed that China was the first country to combine lacquer with pottery [1]. However, due to the vigorous development of bronze ware during the Xia, Shang and Zhou periods and the successful firing of porcelain during the Eastern Han period, this combination of lacquer and pottery rarely came to the forefront of people's minds. It was not until the Ming and Qing dynasties that a wave of extravagance and red tape was created, and various crafts were combined with each other, and then there were few products of this combination of lacquer and pottery [2].

The combination of lacquer and pottery is not entirely a coincidence, but rather a result of the similarities between the two materials, their similar natural properties, the strong inclusiveness of the materials, and the persistent exploration, experimentation, discovery and problem solving of many students and faculty members, which makes the combination of lacquer and pottery more possible. In addition, we can also find that ceramic is relatively simple to shape, while lacquer is more inclusive of the body. The combination of lacquer and pottery perfectly combines the advantages and characteristics of the two processes, and fully utilizes the rich lacquer colors and the changing colors of color glaze of lacquer, thus achieving a unique visual feast [3].

The ceramic products designed by our generation do not need to be complemented by the function of lacquer as in the primitive period, but are more likely to use lacquer as a decoration in ceramics. Although this combination is not widely used and is still relatively niche, niche does not mean it is poor, and there are still many excellent works combining lacquer and ceramics. In contemporary times, works of art with individuality and character, such as mixed media, are increasingly accepted by a new generation of young people. In an era of diverse artistic development, the combination of lacquer and ceramics continues to enrich the expression of contemporary art creation and inspire people to be more enthusiastic about the interplay of different materials. At the same time, the combination of these two crafts also brings more possibilities for the future development of traditional lacquer art and traditional ceramics, and provides practical creative methods for the development of contemporary mixed-material art. Therefore, in any way, this combination of lacquer and ceramic is practical and feasible.

3 Innovative Application of Lacquer Art in Ceramic Decoration

With the development of economy and society, the continuous development and use of new materials and technologies, as well as the increasing public demand for life, traditional handicrafts are gradually losing their competitiveness in modern society, and crafts like lacquer, with its complex production procedures, high technical difficulties and large investment time costs, are facing a great crisis of survival. Nowadays, lacquer artists have changed the direction of exploration towards a broader scope, the organic combination of lacquer and ceramics innovation, they not only use lacquer and ceramics in daily ceramics, more art porcelain, jewelry design, etc. are also integrated into the art of lacquer pottery, which undoubtedly brings new opportunities and space for the development of lacquer and ceramics. The use of this integrated material not only makes the work more tense, but also reflects the feasibility and innovation [4].

Ceramic decorative art should focus on the unity of three aspects, namely, the unity of art and craft techniques, the unity of aesthetics and function, and the unity of decoration and modeling. Therefore, the above principles and rules must be followed when lacquer art culture is integrated into ceramic creation [5]. The decorative techniques of lacquer on ceramics must have the effect of enriching ceramic artworks, and the addition of lacquer materials must, to a certain extent, enhance the aesthetic interest and practical function of ceramic works. On the other hand, the traditional lacquer art has developed over a long period of time into an art system of its own, and in the process of combining it with ceramics, the methods and laws of lacquer culture itself must be fully considered.

3.1 The Art of Pineapple Paint in Ceramic Decoration

“Pineapple lacquer” is also known as “rhinoceros skin lacquer” and “tiger skin lacquer”, which is a traditional lacquer technique in China. The pattern is linear and beautiful. The traditional handicraft is very difficult to produce, and the production cycle of pineapple lacquer is very long, requiring dozens or even hundreds of times of coloring and drying, and finally a long time of fine polishing. The variegated coating technique applied to ceramic decoration can give full play to the characteristics of the adhesive nature of lacquer, thus compensating for the uneven and grainy surface of ceramic artworks due to production problems. In the actual creation process, plastic film, grains, tile dust and leaves of various plants can also be fully used to decorate the works, producing different effects. The combination of ceramics and pineapple lacquer also responds to the needs of modern artistic life, incorporating traditional lacquer techniques into people’s daily lives. The lacquer pottery works made with the pineapple lacquer process are beautiful with their mottled and brilliant patterns, but without losing the laws of nature.

3.2 The Art of Mosaic in Ceramic Decoration

Inlay also has a very long history in China, is often used as a decorative technique, and the development of lacquer art is mutual. The types of inlay is divided into many kinds, such as gold and silver inlay, mussel shell inlay, jade inlay, eggshell inlay, etc. [6]. Here we mainly introduce eggshell inlay. “Eggshell”, literally, eggshells of many kinds, the general use of more eggshells, duck eggshells, goose eggshells and quail eggshells,

eggshells after processing and drying can be used for inlay, inlay process can be based on the picture needs to choose the right eggshell, such as eggshell color some dark some light, duck eggshell color greenish, goose eggshell Generally thicker, quail eggs are thinner and have spots. The steps of eggshell craft in the lacquer art production process are as follows: first take the processed and dried eggshells, select the right size eggshells, use the lacquer brush to apply the lacquer to the location where the eggshells need to be applied, gently place the selected eggshells on the lacquered area, use the eggshell application tool to gently press down and adjust the size and density of the cracks, and finally use the knife to cut off the unwanted areas. After all the eggshells are pasted, they are uniformly painted, dried and polished. The eggshell process uses its own color and the natural cracks it produces to create and express works with a three-dimensional sense and visual impact [4]. The lacquer works made with this technique combine the simple beauty of ceramics and can greatly enhance the natural flavor of the works [7]. Lacquer works made with eggshells are simple and have a three-dimensional feel. Many potters have combined the eggshell process with ceramic decoration, and the richness of the layers allows for the creation and expression of a wide range of artistic styles that are popular with potters and students alike.

The specific production steps of eggshell process applied to ceramic decoration are as follows: the specific outline of the area where the eggshell needs to be applied is outlined with a pencil before the glaze is applied, then the pen is dipped into a certain amount of peelable glue and applied to the corresponding location followed by glazing, after the glaze is applied, the peelable glue is gently removed, then the piece is put into the kiln and fired at over 1,000° and then decorated in the unglazed part according to the specific steps of eggshell process. With ceramic as the main material, together with eggshell decoration, the whole piece of work highlights the characteristics of natural factors and is more innovative and individual. The combination of the two crafts creates a work with natural properties and truly carries forward both traditional craftsmanship and innovation. In this way, not only the richness of ceramic decoration can be highlighted, but also the art of lacquer eggshell can be more prominent. It can not only increase the artistic expression of the work, but also increase the layers of the work, thus obtaining a richer and more desirable effect.

3.3 Ceramic Decoration in the Art of Gold Repair

Lacquer gold repair process is mostly used to repair broken porcelain, for broken ceramics have a regenerative effect, by the gold repair repair of ceramics does not affect the use, and also enrich the form of gold repair, a special sense of beauty. The traditional gold repair method, the first use of natural lacquer and glutinous rice powder or tile ash blend will be fracture of the bond, the gap to fill. After drying, pick off the surface of the excess lacquer, wipe clean with alcohol cotton tablets. Then use black lacquer to trace along the cracks and dry, and repeat the operation several times before changing to red lacquer for the last time. After that, gold leaf and gold lacquer are applied to complete the restoration of the broken objects. Usually broken porcelain is mostly presented in the form of lines, the natural cracks formed due to the broken, after the lacquer gold repair, often bring us a decent relationship between the structure of the grid. Gold repair restoration contains the warm emotions of the lacquer art, is often incomparable to other

restoration techniques. Gold repair and modern ceramics combined, this combination is driven by the times on the appreciation of beauty and people's needs-oriented, not only is the collision of two different technologies, but also the language and expression of modern pottery innovation. Modern gold repair process applied to ceramics, and sometimes deliberately intact ceramics broken, or the use of gold repair process in the form of art in the creation, used to express the author's understanding of art, giving the work a distinctive artistic effect.

4 Conclusion

Traditional lacquer art and traditional ceramics have a rich history of development and play an integral role in modern art. Works created using lacquer are rich and attractive in color, with a wide variety of decorations and a great sense of beauty. The combination of lacquer and ceramics is a creative continuation of traditional Chinese ceramics and lacquer art, thus achieving a kind of heritage. Moreover, the use of different materials of lacquer art to enrich the creation of ceramic decorative art is the future trend of ceramic development, and the creation of ceramic decorative art requires constant exploration, innovation and reproduction. The combination of lacquer art and ceramic art creates uncertainty and surprise, giving people infinite imagination. In addition, the combination of lacquer and ceramic works can enrich the teaching content, enhance students' creativity, and strengthen the use of both lacquer and ceramic materials. We also hope that through this research and exploration, we will be able to experience the new ways of creation and the sparks generated by the combination of the two crafts: lacquer and ceramics. Chinese traditional craftsmanship is profound and profound, and its rich cultural color is incomparable. We should fully develop our traditional culture, use our wisdom and labor to develop human spiritual civilization, use technology and innovation to enrich our artistic design, and contribute to the development of modern lacquer pottery.

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