

Research on Application of Stacking Design in Ceramic Art Design

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Abstract: Ceramic craftsmanship has a long history in our country, and it contains rich ceramic culture. However, as far as the current society is concerned, the integration of traditional decorative modeling elements is relatively small, and its development space is limited to a certain extent. The combination of traditional stacked design and ceramic art creation is not only a display of the designer's personal artistic charm, but also a major development trend of contemporary art creation. This article starts from the stacking design, combines it with ceramic art creation, breaks through the consistent expression of ceramic works, creates ceramic art works that are functional, decorative and not lacking in national characteristics, and promotes the development of ceramic art in the direction of national architecture.

1. Introduction

Painting in ceramic art design is an art form in which ceramic art designers use specific ceramic materials and techniques to materialize psychological feelings into two-dimensional or three-dimensional spaces. Ceramic painting plays an extremely important role in ceramic art design. On the one hand, it vividly and concretely shows the style and characteristics of Chinese ceramic art design in different historical periods, and it also injects the spiritual temperament brought by traditional cultural connotations into ceramic art designs. Make Chinese ceramic art shine in the world of ceramic art. Ceramic painting plays a pivotal role in the development of ceramic art design. Although ceramic painting emerged in the Republic of China, it has an irreplaceable role and far-reaching influence in the history of Chinese ceramic art design. It provides a form for ceramic art designers more diverse design expression space.

Ceramic art design is the skillful use of ceramic materials and materials, space and structure, form and color, texture and surface decoration by design artists. It uses unique ceramic techniques to create ceramic art design works with individuality, functionality and aesthetics. It is affected and restricted by human physiology, psychology, living habits and lifestyle factors, involving technology, man and machine Engineering, aesthetics, and marketing disciplines. Ceramic craftsmanship has a long history in my country, which contains a rich ceramic culture. However, in the current society, the integration of traditional decorative modeling elements is relatively small, and because of this, its development space has been affected to a certain extent limit. The combination of traditional stacked design and ceramic art creation is not only a display of the designer's personal artistic charm, but also a major

development trend of contemporary art creation. With the continuous improvement of today's ceramic decorative modeling creation level, it is necessary not only to improve the practicality of works, but also to improve the level of artistry. The stacking design should be upgraded to the stacking art, so that the basic attributes of tableware can be artistically improved and more in line with the aesthetic needs of modern people.

2. The Elements of Ceramic Art Design and the Concept of Overlapping Design

2.1 Elements of Ceramic Art Design

The painting components in ceramic art design mainly include lines, colors, shapes, spirit and artistic conception, materials and craftsmanship, etc. They interweave, merge and collide together to interpret the unique visual beauty and decorative beauty of ceramic painting. Only on the basis of fully comprehending and digging out its function and connotation, can we provide more possibilities and space for ceramic painting to serve ceramic art design. The painting elements in the ceramic art design are rich in content and closely related to each other. It is very important to use various components of ceramic painting to play their respective functions and adapt to different design methods.

2.2 The Concept of Drop Design

The stacking design is composed of free and flexible splicing techniques, which is a way of installation. The stacking of bricks that can be seen in daily life, the stacking of books on the shelves, and the stacking of tableware in the kitchen are all designed to be stacked. Life is inseparable from stacking, but how to innovate basic stacking design into appreciable stacking art is the direction that designers need to study. The reasonable application of stacking design in ceramic design can not only improve the artistic sense of ceramic products, but also improve the practicability of ceramic products and increase the use space of ceramic products.

3. The Embodiment of Stacking Art in Ceramic Design

The stacking design in product design is mainly divided into functional stacking and modeling stacking. Functional stacking is mainly based on the basic concept of modular design; it emphasizes the convenient and flexible combination of products with different functions or different performances. To meet diversified needs, it is often used in furniture design. As shown in Figure 1.



Fig.1 Stacking of Shelves

Quan Bin's work comes from completely dried ceramics, which are cut and adjusted at random. The adjustment process is to first stack the utensils together, cut and glue the parts where the utensils are connected, and stack and reorganize them in a random and impromptu manner, and finally form a tower or trophy shape. It uses the combination of basic utensils to form a new shape of utensils. Each utensil can be individually used as a usable utensil, or the whole can be regarded as another new utensil. Quan Bin's creative process will seem to be completely Different forms of things are cut, and the separated parts are recombined into a whole. As shown in picture 2.



Fig.2 Stacking of Ceramic Utensils

4. The Embodiment of Stacking Design in Ceramic Coffee Set Design

This coffee set also adopts the stacking design concept. The waistline of the conventional cups protrudes from the platform, which can be stacked and stored between the cups. The appearance presents a sense of stacked channels, and the design is stable and can be combined at will. The design of the lid button is inverted with reference to the top shape, and matched with the cup body, creating a simple design feeling that the sun is reflected on the river.

This set of coffee sets has a uniform shape. Because of the special waist shape, drawing forming is the most suitable method. The waist platform should be slightly thicker than the cup body, but too thick mud will cause the cup body to be heavy and not convenient for daily use. In the grouting method, the same overall thickness will cause the platform to be thin, unable to be stacked and the platform is recessed. Considering all the conditions, we finally choose to draw the billet manually.



Fig.3 Coffee Cup Design

5. Conclusion

Through the understanding and research of stacked design and Chinese classical architecture, the design elements used in daily ceramic design are combined to make it have the characteristics of Chinese traditional culture. In studying the combination of stacked design and ceramic design, I discovered the strong connection between the two. The boundaries between the various art fields are not clear, and the mutual connection is deeper. The original intention of the design is to combine ceramic art and stacking art. In the basic stacking application of ceramics, it seeks an artistic aesthetic point of view. The stacking design is applied to the stacking art of daily-use ceramics to make simple stacking storage. It has an artistic aesthetic category. After the design and production, there is a lot of room for improvement and perfection of the system, and further research and attempts are still needed.

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