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RESEARCH ON THE APPLICATION OF GLASS MATERIALS IN THEME ART DESIGN

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Glass permeates all aspects of life and is an indispensable material in life. In the field of artistic expression, the crystal clear of glass makes the glass art produce a unique aesthetic feeling under the transition of light and shadow. This paper will introduce the development history of glass materials in art design and its form performance. It believes that glass materials present beauty of light and shadow, beauty of image, beauty of emptiness and reality, beauty of time and space and beauty of interest in art design, and discusses five kinds of beauty of art design combined with the theme idea.

Key words: *glass material, history of development art design, morphological expression, thematic thought*

INTRODUCTION

Glass material is one of the most common materials in daily life, because of the particularity of its material, the appearance of crystal clear characteristics, so glass material also plays an important role in the field of art. Glass art is an ancient and modern art category with glass materials as the carrier platform, which plays a pivotal role in the history of art. There are historical traces of the development of glass art worldwide [1,2]. As early as 2500 BC, Mesopotamia and ancient Egyptians discovered glass. Later, glassmaking spread to the two river basins (Tigris and Euphrates), and glassmaking also developed in the West. In the East, glass technology developed from ancient China, as early as the Spring and Autumn Period, the Chinese people made high lead barium silicate glass, the world famous "glass" is the leader in Chinese glass products.

PURPOSE

The transparent characteristics of glass material can bring new visual impact to people. Artists reflect real life and spiritual emotions through glass artworks, enhance aesthetic cognition, and pursue more novel and fashionable visual feelings [2]. Since many technological revolutions, the level of glass manufacturing and processing has been greatly improved, art glass has gradually entered the public eye, because of its dazzling decorative effect, now has become a fashion, high-grade decorative materials. Therefore, the academic research on glass art is becoming more and more extensive and in-depth.



RESULTS AND DISCUSSION

The special material of glass makes it crystal clear in form, and the shape of glass is also favored by many artists, so glass is widely used in the field of art design and processing. Today, glass art has already entered the "palace" of pure art by virtue of its changeable colors, mysterious refraction, and hard and fragile internal tension [3]. In the practice of glass art design, its morphological beauty is mainly manifested in five aspects: the beauty of virtual reality, the beauty of image, the beauty of time and space, the beauty of light and shadow, and the beauty of form. The theme of art refers to the theme thought to be expressed in the work of art, which is usually expressed by borrowing the material medium of the work of art, and it can be a variety of forms and styles of material. For example, the famous horse treading on a swift swallow. When using glass materials to design themed artworks, it is necessary to closely link the artistic theme and the inventive ideas expressed, and fully reflect the five forms of beauty of glass artwork. The first is the beauty of reality and its embodiment in the theme art design. "Virtual" refers to "indirect", "deep" and "spiritual", while "real" refers to "direct", "surface" and "material". The material form of glass artwork is "real", but the aesthetic emotion it expresses is "virtual". In the whole design of the artwork, intangible aesthetic emotion flows in tangible material materials. "Virtual" and "real" are interdependent and inseparable. In the appreciation of glass works of art, the material shape of glass works of art reflects the "real", the pure and transparent glass shows the "virtual", the combination of virtual and real ignites the special aesthetic inspiration of the author, and the different combinations of points, lines and surfaces can stimulate the design inspiration and create a rich and changeable design. For example, the famous Danish designers Claus Jensen and Henrik Holbaek designed the work - "smiling bowl". It is based on the theme of Corvette, different from other glassware works in that the concave and hollow part of the "smiling bowl" can be used to place some snacks and fruits, such a clever design, proper and convenient, both practical and beautiful, "Smiling bowl" also won the 2007 Formland design award.

The second is the beauty of image and its embodiment in the theme art design. Image is the artistic image produced after the creation subject gives emotion to the objective phenomenon, with extremely obvious perceptual color. The transmission of the image beauty of glass material is mainly manifested by its material characteristics. Modern glass art highly summarizes the real world with its unique beauty of rhythm, meaning and form, and it is also people's idealization and idealization of decorative beauty and natural beauty, while fully reflecting people's aesthetic consciousness elements [5]. This kind of transparent material, due to its pure white and translucent form and the performance of flowing color, often gives people a pure and translucent appearance, while its special transparent refraction material can also provide a unique visual perception of space.

The third is the beauty of time and space and its embodiment in the theme art design. Time and space together constitute the existence form of material movement. In the great hall of modern art aesthetics, it is not rare to show the beauty of time and space in glass products. The form of glass materials flows with time consciousness, transforming static image into moving image. At the same



time, modern glass works often have a "sense of history", and the smooth lines of glass products show a quiet aesthetic feeling. This flowing visual aesthetic experience and the flowing track of time complement each other, and together shape the "sense of history" of modern glass works. The beauty of time and space is undoubtedly a form of beauty with great charm and connotation. Glass itself, as a transparent building material, can make art design more suitable for people's life while being beautiful [4].

The fourth is the beauty of light and shadow and its embodiment in the theme art design. Light and shadow are people's contrast of light and dark, light and shadow are interdependent, indivisible, light produces shadow, shadow sets off light. In the design of glass products, light and shadow are interwoven through refraction and reflection. The interactive movement of the two creates a hazy space and shapes a special aesthetic feeling. The interleaving of light and shadow is the soul of glass art.

Finally, the beauty of interest and its embodiment in the theme art design. The beauty of taste is the meaning of beauty, it reflects a kind of appreciation of beauty. The interesting beauty of the form reflected in the design of glass art refers to the beauty of life shown by the creator through glass products, which can be felt and reached by the viewer. When the audience is enlightened by appreciating the artwork, and resonates with the thought theme expressed by the creator through the form of the artwork, the beauty of interest is born, and this resulting pleasant experience is the beauty of interest shown through the artwork. Appreciating the taste and beauty of form does not mean deliberately pursuing the difference in appearance, but passing a pleasant aesthetic experience to people through modeling.

CONCLUSIONS

As a special material, compared with the simple atmosphere of wood, the harsh and cold of metal, and the solemn and steady of stone, the glass material is more pure and clear and cold and hard, mysterious and pure and flowery. These characteristics make the glass products emit a special beauty. In the design of glass art, these unique beauty of reality, image, space and time, light and shadow and taste should be reflected.

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