

Ideas, Concepts and Perspectives on Product Innovation Design Education

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Abstract. Our great leader Deng Xiaoping once said that "innovation is the primary productive force." In today's world, innovation is everywhere. All kinds of electronic products, architecture, and even all the elements that shape our modern world are filled with the crystallization of human creativity. Therefore, we only pay attention to innovative design education, so that our life can continue to move forward, in order to let our nation have a progressive soul, in order to let our country have the inexhaustible motive force of prosperity.

Keywords: the education; product education; product innovation; innovation; knowledge.

1. Introduction

1.1 Research Significance

In today's products, product innovation is even more powerful. Jobs's Apple company did not have Microsoft's wealth, no Microsoft's technical talent, and the product even suffered from Microsoft's ridicule. But with a highly innovative leader and corporate culture, their products have a unique shape and outstanding performance all the time, and have been loved by countless people. In the end, Apple surpassed Microsoft in market capitalization and achieved sales of hundreds of billions of dollars. A company with an innovative spirit produces not only good-selling goods, but also great products. People who have a sense of innovation can naturally be respected and admired by people. After Steve Jobs passed away, many people went to personally remember him. The New York Times also wrote that "Steve Jobs brought us the greatest product of this era." From the national government to the individual, companies need to rely on innovation to progress and develop. Without innovative design education, there is no source and motivation for development and progress.

1.2 Research Background

The productivity generated by product innovation education is incomparable to human manual labor. Before the British Industrial Revolution, the coal mining industry relied entirely on the development of human labor, which was not only inefficient, but also a great threat to human life. However, after the industrial revolution invented the coal shovel, the coal output increased by 50 times, and the labor and cost were much lower than before. The UK, which had numerous innovative patents, eventually won the earth in the 18th century. This shows the importance of innovative design education for a country.

Relying on innovation, even small countries can have great strength and great achievements: relying on innovation, and difficult resources will also bow when facing knowledge; relying on innovation, then poor society can also create huge wealth.

In Latin America in the 1970s, the economy has developed to a turning point in the development of developed countries. At this time, only by relying on the creativity of the state can we create new productive forces and enter the ranks of developed countries. However, due to the lack of creativity in the country, Latin American countries did not complete the transformation of the manufacturing industry, and the country's economy has since decayed, and the impact has even continued to this day.

2. Overview of Innovative Products

In order to be successful, innovation is indispensable, but without inheritance, innovation will become a passive source of water. This will make it difficult to succeed. Only by knowing how to carry forward its own characteristics, taking its essence, abandoning its dross, innovating, rejuvenating, innovating, and being good at inheriting the traditions of its predecessors will be more successful.

Blind innovations tend to be self-defeating and make people laugh. Zheng Guoren, who does not see the "toddler", always wants to learn the footwork of others, so that he cannot walk with the people of his own country. It seems to be innovative, but the motive is not pure, the method is wrong, I don't know the inheritance, and I have climbed back. End. In the past few years, the essay "so packaged" is also the reason. The original drama is an art worthy of inheritance. However, the "director" must carry out "innovation", and the popular music that is different from the original. The national art is forcibly compatible, and the results are conceivable. The "four-like" that "innovation" has made us relish for years. If you don't want it, you can easily make the same mistake.

Japan's lack of environmental resources makes the Japanese character's character in the depths of thinking to do the best and most things with the least resources. The product is not just "simple and basic", each product has a unique function, and the details improve the quality of life. Japan attaches great importance to details. Like a chair, how many angles does the back need to bend, and the most comfortable? This kind of exquisite excellence makes Japanese design embodies the sense of exquisiteness and design everywhere.

Innovation is not a so-called closed-door car. It is not based on its own subjective creation, but it is necessary to pay attention to inheriting the outstanding achievements of its predecessors. It is more meaningful to innovate under the guidance of other people's correct theories. Newton, the 17th-century scientific master of the United Kingdom, discovered the three laws of universal gravitation and movement, and innovation is not just rich. But when someone asks why he has achieved such a result, he said: "If I say farther, it is because I am standing on the shoulders of giants." Although this is only a moment of modesty, but fine If you don't think about Galileo's night sky, if you don't have to study the laws of the celestial bodies for decades, then Newton wants to sum up the three laws of the object's operation, which seems to be a lot of trouble. It can be seen that inheritance and innovation are inseparable, and it is only advisable to innovate in the inheritance of its essence to its dross.

3. Innovative Exploration of Japanese Product Design

A country that is good at absorbing the results of other countries, the beginning of modern Japanese design, has fully accepted the results of modern design in Europe and the United States, and completely copied the style of European design. In the "takenism" style of the development of the country's modern design, to play the advantages of Europe and the United States and avoid shortcomings. --- Turning the complexity into simplicity. Everything is already contained in nothing.

Frequently invited famous European and American designers to impart design knowledge, and hold exhibitions of European and American design works, send students to Europe and the United States to study or travel to collect European and American design experience. The government and civil society organizations have worked hard and the design has developed extremely rapidly. In the 1960s, they appeared on the international design stage as a master, and held an international design conference to bring their designs to the world. After Europe and the United States, Japan became a new center for international design, and the design was confirmed by the international industrial design community.

Following the pace of international design development, the design style with its own characteristics has been developed, which makes their design unique in international design. Japanese traditional patterns: painting expression methods are the source of inspiration for Japanese designers and the basis for their development of their own national design style. Focus on the use of

science and technology to make up for the disadvantages of their modern design start too late, pay attention to the use of new technology to develop products, such as Sony radio, television and so on.

Product refinement. Neglecting the details will eventually lead to a loss of quality of life. The details are marked. The pursuit of detail is unimaginable in today's fast-paced China. But it can be seen everywhere in Japanese products.

Designing must always maintain an attitude of respect for tradition and enthusiasm for the times. There are still many old buildings in the prosperous neighborhood of Japan, which are still being used, not being sealed up.

The most important thing in design education is not to solve the current problems, but to solve the problems of the past, the present and the future. Tradition provides us with nourishment, and reality guides us. It is only a good design to combine both sides into the design. Don't forget to absorb Western features when presenting your national culture. Japan has embraced Western design, but Japan still focuses on what it is for its own use. Find a new balance between the two sides. China's advanced design still does not find its own direction. The simple transplantation of traditional culture and the use of Western design cannot be the style of its own design.

4. Difficult Areas in Product Design in China

Nowadays, Chinese design has the pursuit of over-design, impetuous products and space that hinder high-quality life. If you re-recognize the simplicity of product design, you may become happier.

Japan's product design, as the design sect of the East, with its design attitude of excellence, has a place in the design and architecture dominated by the present, and many people are amazed.

As the revolutionary tutor of the world proletariat, Marx wrote his brilliant work "Capital" with his lifelong efforts. His innovative spirit inspired and created a large number of benevolent people to struggle for the progress of society. It is true that the table and chairs of the British Museum have witnessed the sorrow of his meditation, and subsequent essays have witnessed the theory that he had no one before. But without the concentration he had when he turned his predecessors, the seriousness of excerpting the materials, St. Simon and Fourier's theory of fantasy, he would not succeed. It can even be asserted that without them, Capital may not be completed so quickly, and we may have to explore the darkness in the dark. It can be seen that innovation in inheritance often receives good results with half the effort. In fact, there is no need for more proof. Deng Xiaoping's Theory, which guides us on the road to prosperity, the ardent insight of the important thinking of the "Three Represents" eloquently illustrates the relationship between inheritance and innovation.

5. Conclusion

The fatal injury in China's product innovation lies in imitation and plagiarism. In order to take advantage of the interests and reluctance to use the national characteristics too much, blindly westernized; another pessimistic design for the Chinese design atmosphere

A country without innovation has no future, and a nation without education creativity has no tomorrow. The lessons of others are worthy of our reflection and thinking. A celebrity once said that creativity comes from knowledge. Knowledge is the foundation of creativity. And education is the bridge between creation and knowledge. Just as a person who is more imaginative and innovative, without great expertise and technology, can't make any great achievements. The knowledge we are learning today is precisely for our future innovation. "A journey of a thousand miles begins with a single step." We must not only focus on innovation, but also put education and knowledge at the forefront. With the seeds of education, knowledge, and innovation, we can have a better future. Without education, without knowledge, no matter how great the innovation, it can only wither in the desert.

To put it all in the right perspective while do taking into account the many factors that influence and affect how design is perceived today, it can be said that we absorb advanced design concepts of

this contemporary world that apply to not only traditional design methods, but also impact creators and innovators to create modern style products with popular aesthetics. And this, is propelled by innovation and education – which is the absolute key to progress.

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