

THE STUDY OF UPPER NORTHERN LACQUERWARE TABLEWARE PRODUCTS.

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ABSTRACT

The objective of this research is 1) To study and analyze the physical characteristics and the process of producing lacquer ware in the northern region. 2) To study and analyze the cultural traditions related to the lacquer ware of the northern region. 3) To design tableware products from the study of northern lacquerware. This study is an integrated research, both qualitative and quantitative. This research is divided into 3 steps as follows: Step 1.) Data collection of lacquerware in the upper north, step 2.) An analysis of data for design, and Step 3.) Product design of tableware number 7. The results of the research are as follows: 1.) Study and analysis of image and production process of lacquerware in the upper northern region. The internal structure is fabricated using weaves and coils, made from hammered bamboo and turning using real wood coating and decorating bring rubber-hair and chad powder to get red color. The decorative pattern that is written on the northern northern lacquerware, the pattern used from the local area of each area 2.) Traditions and culture related to the northern northern lacquerware. There are 3 traditions. Khantok tradition which put food on the lacquerware (Khan Toke) to bring out a party in the wedding ceremony, will bring important items in the ceremonies in the lacquerware (new fabric chest, bowl) and various rituals using lacquerware to put the things in the ceremony. 3.) Product design on the tableware, including coasters, teacups, coasters, toothpick holders, vases and candles in the section. The colors, patterns and shapes that are designed will be more contemporary.

Lacquerware, Upper North, there is an interesting production process by forming with natural materials that can be found locally and decorated with ancient Lanna motifs that are unique from the local area. By designing the shape from the study and analysis to make the product more contemporary, beautiful and exotic

Keywords: lacquerware upper north tableware products

INTRODUCTION

The lacquerware comes from the name of the manufacturer and the manufacturer, due to the group of Chiang Mai lacquerware which we will find in the upper north because in the past, the captive Chiang Tung was forcibly Come to Chiang Mai and transfer knowledge and skills to the Chiang Mai people. Chiang Mai people have inherited the process of making lacquerware and have developed into an arts and crafts of Lanna people. Style of lacquerware is a container that has a wooden frame, a wicker basket or a rubber coated coil. Lanna people prefer to use lacquerware as household utensils, such as a bowl, a tray, a cigarette box, a box, a box, etc. which can be durable and moisture resistant. The materials used in production can be found in general in the local area and reflect the maintain the daily life of the people in the northern region in the past that had the wisdom to select things for the invention and valuable and durable to use. [1] For Thailand, the northern region is a land with a beautiful landscape surrounded by mountains, complicated by beautiful traditions and culture and warm with a simple way of life which in the upper north (there are 8 provinces, namely Chiang Rai,

Chiang Mai, Nan, Phayao, Phrae, Mae Hong Son, Lampang and Lamphun) [2] is unique in their identity. The beauty and cultural value of the tourist attraction that has been passed down for generations.

Both religion, art, culture, tradition local knowledge including the unique lifestyle of the Lanna group Tableware products. At present, there are more guidelines for development according to the group of usage and the design according to the inspiration, such as the color of the container will start to use other colors other than white and the tableware products also emphasize the material or pattern that is expressed. To the culture and tradition in the shop atmosphere to meet the tastes and needs of consumers. From the information that the researcher has studied, the history of lacquerware which is a folk wisdom for a long time by bring the features of lacquer craft intervened in daily life by applying to the tableware products for further development of wisdom. [3]

From the above, it is the origin of the northern lacquer study project to design a tableware product that promotes identity and culture with inspiration from folk crafts, lacquerware. Therefore, the idea to develop into tableware product design which is expected to promote or solve problems in the design of handicrafts. It is also something that communicates and disseminates Thai identity by applying it to simple materials. [4]

OBJECTIVE

1. To study and analyze the physical characteristics and the lacquer ware production process in the northern region
2. To study and analyze the cultural traditions that relate to lacquerware in the upper northern region
3. To design tableware products from the study of lacquerware in the northern region

METHODOLOGY

This research is qualitative research and quantity with the objective of finding identity techniques for the production of lacquer ware in the northern region of Thailand for application on tableware design.

In this research, divided into 3 steps which are

Step 1: Study of data collection.

- Studying the physical characteristics and the production process of lacquerware in the upper northern region.

- Study information and tradition related to lacquerware in the northern region.

- Learn about product information on tableware.

Step 2: Data analysis for design.

- Analyze the physical characteristics and the production process of lacquerware in the upper northern region.

- Analyze traditions and customs related to lacquer ware in the northern region.

- Analyze tableware products.

Step 3 Design steps.

- Draft

- Develop a model

- Prototype of tableware products

RESULT

From the study of lacquer ware in the upper north

Step 1: Study of the physical characteristics of lacquer ware in the northern region, found that the internal structure uses natural materials for the construction using real bamboo and wood. As for the process of coating process to increase strength, the rubber will be used to coat the coating. Wait until dry. After Yang Rak had coated it dry and then scrub it for smooth finishing and the most common patterns were local patterns derived from natural vegetation.

Table 1
Internal structure of lacquerware in the upper north

Internal structure	Matrial
weaving 	using bamboo strips from Phai Heiya
curling 	using bamboo strips from Phai Heiya
shaping with a lathe 	using wood

Figure 1
The pattern on the northern northern lacquerware

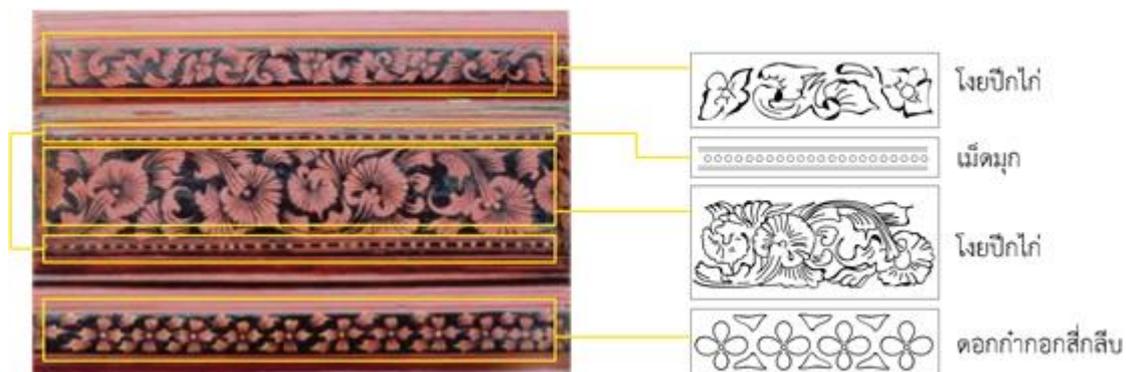


Table 2
Physical characteristics of lacquer ware in the upper northern region

Type	Detail
Materials	    bamboo strips powder wood lacquer varnish chad
Colors	   red black gold
Pattern	   Mother of pearl Chicken wings Chicken wings Four petal clove flowers
Shape	  geometry shape artificial shape

Table 3
Production processes of lacquerware in the northern region

Steps	Details
Forming	Forming a weave structure, piling to fabricate / forming curl. Stamping / turning. Use real wood as medium softwood for turning.
Coating	The coating uses latex to apply lacquer frames to seal leaks and increase durability. Once dry, then scrub to make the skin smooth.
Decoration	After polishing, smooth the rubber and mix with Chad powder to get the red love rubber will be decorated by drawing or dig the pattern and fill the float boat.

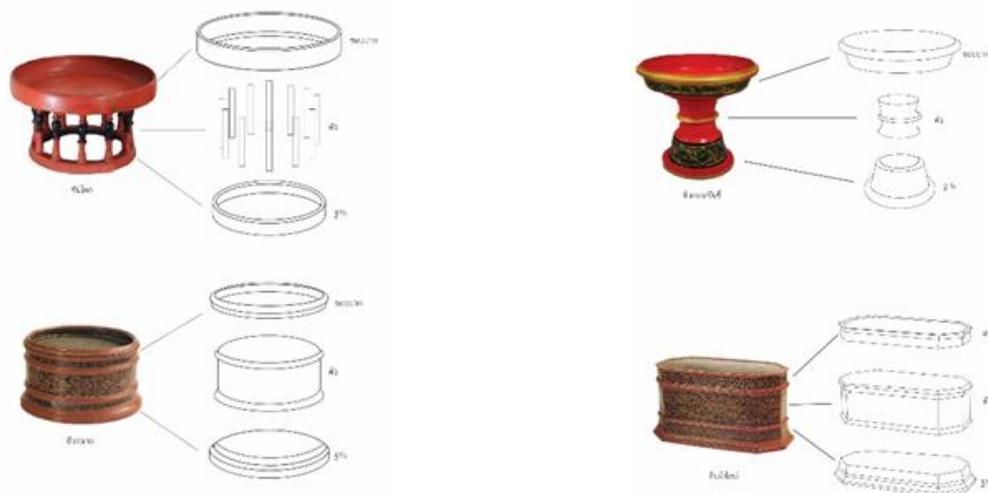
The study compiles information on traditions and customs that are consistent with lacquerware in the northern region. Found that there are 3 traditions, including the tradition of Khantoke party, Lanna style wedding ceremony (Kin guests, wedding) and various rituals. Lacquer used to be different, but most popular things to put important items in the lacquer.

From tableware product information In the definition of the researcher, means a product that helps create a good atmosphere for the dining table, products for use in tableware or decorate various utensils on the table, make beautiful of utensils. At present, the form of tableware. There are many forms, whether simple, easy to use or modern shapes, which are beautiful, which forms of tableware that are currently will have a similar pattern, which is to separate the coasters, coasters that are stacked on the table, etc. which will be different in forms and materials of production such as fabric, plastic, leather and natural materials etc.

Step 2: Data analysis for design

Physical characteristics analysis And the production process of lacquerware in the northern region

Figure 2
shows the analysis of the shape of the upper north lacquerware



Concluded that the shape obtained from lacquer analysis in the upper north can be divided into 3 parts, which are the mouth and the base, the shape that has been analyzed into geometric shapes that combine

The physical characteristics of lacquer ware in the northern region for use in design are as follows:

- color analysis
- Shape analysis
- Analysis of molding methods
- pattern analysis

Table 4
Analysis of physical characteristics of upper north lacquerware for design

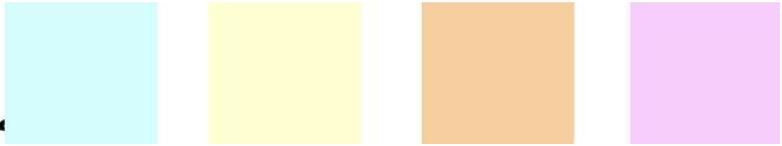
<p>Color analysis</p>	 <p>The resulting color is pastel tones because it is contemporary and the color scheme is not too flashy.</p>
<p>Shape analysis</p>	 <p>The artificial shape is the most clear. Because it is evident in various parts such as The protruding mouth and the recess and the base Therefore is unique and interesting.</p>
<p>Analysis of forming methods</p>	 <p>The curl has the smell of the upper northern lacquerware and the turning makes it easy to mold the product and has a certain degree of strength.</p>
<p>Pattern analysis</p>	 <p>Lai Ngai Chicken Wings It is unique to the northern region because it is a pattern of many natural vegetation in the local area. And the pattern that is curved against each other without creating lines that make it stand out as well</p>

Table 5
Analysis of the production process of lacquerware in the northern region for design

Steps	Details
Forming lathe	Forming lathe according to the designed pattern, because the turning will save time, more convenient for production.
Coating	The coating of udon coating or the groove that is not smooth with the color of the wo, because it is more dry than the rubber.
Decoration	The decoration uses synthetic colors in place of the original rubber, decorated using How to write color.

Analysis of tradition and culture of the upper northern region in relation to lacquerware

From the analysis of the traditions of the northern region related to lacquer ware, it can be concluded that there are 3 cultural traditions related to lacquerware: Khantok parties, wedding ceremonies, and various ceremonies. Lacquerware are used differently, but most of the items are important to put on lacquerware.

Tableware product analysis

In conclusion, the tableware products have different functions. The researchers have divided the product into contact with food and produce that is not in contact with food. Decorated and used

Step 3. Design The researcher has designed the questionnaire analysis with the following development.

Figure 3
Lacquerware development model in the northern region obtained from analysis



Picture 4

Developing patterns on the upper north lacquerware pattern obtained from the analysis



Picture 5

shows the production process (1) Measure the shape before turning (2) Lathe according to the measured size (3) Measure the size again (4) Polish with sandpaper.



Picture 6

shows the production process (1) The workpiece that can be machined, the designed shape (2) The color of the workpiece (3) The finished piece is painted and painted.



Figure 7

Real workpiece, 1 set of tableware products



CONCLUSION AND FUTURE WORK

From the above data analysis table It can be concluded that the lacquerware of the northern region can be further developed to be interesting and modern. Through the process of analyzing the data searched and from the questionnaire combined with design by using lacquerware in the upper northern region as a study factor for designing.

The designers are interested in cultural capital to create modern works which are subtle and decorative, and draw the shapes and patterns that have been obtained from the analysis by creating concepts for using in the design of tableware products. The color tones used in the design of the products use pastel tones to make them more contemporary and striking.

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REFERENCE

- [1] Pathana Phanitphan. (2003). Art and lacquerware in Lanna. Chiang Mai: Ming Mueang Nawarat.
- [2] Wibun Leesuwon. (2001). Folk heritage. Bangkok: Odeon Store.
- [3] Akapong Inkuer.(2017). The Study of Traditional Basketry Lo-Song Apply for Decorative Products. Journal of Industrial Education, 16(3), 108-116.
- [4] Noppadon Sangwalpetch. (2014). The Application of Rhizophora Wood to Design: a Walking Stick for Elderly, Journal of Medical, Pharmaceutical Science and Engineering, 8(4), 200-202.