

# OOI

S.C.I.D.

[ Department Introduction ]

## Shih Chien University, Department of Industrial Design



### 系簡介

實踐大學工業產品設計系  
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### Meaning of Logo

The idea of our department's logo is based on abbreviation of s, c, i, and d (Department of Industrial Design, Shih Chien University). It was inspired by Chinese Fortune Seal, the four letters were arranged according to the traditional arrangement of the seal. The professional seal master composed the letters inside the circle that symbolizes perfection, also contains the message of predicting the future by reviewing the past. The logo contains our traditional culture and the uniqueness of our department and thus will represent us in the global design field.

實踐大學工業產品設計學系識別標誌之設計構想、是以本系英文名稱縮寫字母s、c、i、d的排列為基礎；在英文的字母排列中，運用我國相傳「開運印鑑」，對於印文疏密、筆劃空間的佈局原理，邀請傳統製印師傅以「開運印鑑」的手法，於象徵圓滿的圓形範圍內雕刻字母而構成，並含有鑑往知來的寓意。取這個植基於我國文化中深層信仰的形式，以及這個構想在國際舞台上的獨特性，作為本系未來與全球設計界互動交流的代表。



Department of Industrial Design was established in 1992. Under the trend and demands of the industry. Master Program and On-job Training Program of the graduate institute were established respectively in 1998 and 1999. The goals for the under-graduate program are "Professionalism, Internationalization, and Industrialization," whereas "the combination of theories and practices and the interdisciplinary studies across all fields" are set for the graduate programs. In September, 2009, Business Week Magazine reviewed the curricula of S.C.I.D. as one of the TOP 30 World's Best Design Programs.

實踐產品工業設計學系創立於1992年，1998年因應設計趨勢演變以及產業發展需求，設立研究所碩士，1999年增設研究所碩士在職進修專班，系所課程規劃與人才養成朝向「專業學習、國際視野、實務導向」三大目標努力，而碩士班與碩士在職進修專班更強調「實務與理論並重、跨領域課題研究」作為教學特色，並在2009年九月被美國商業週刊(Business Week)評選為全球三十所最佳設計課程(The World's Best Design Programs, TOP 30)之一。



The curricula designs are both concentrated on the learning and accumulation of design-related knowledge and the creativity generated through first-hand experiments and practices. The comprehensions, reflections, and judgments derived from discussions on humanity, society and technology also urge student to comprehend the multi-layers of industrial design while they conduct the creating process. We expect that each and every student will be able to develop his/her unique approach toward rationales, methods, and ability in the process of designing.

課程規畫除了設計知識的學習外，更強調創作性的操作體驗；透過對人文、社會與科技工程等相關知識理解、自我反省與跨域批判，使學生在創作驗證中，領會工業設計的多層次內涵與多面向的價值訴求，從而發展其具有獨特性的創作理念、方法與能力。

# 025

Oct. 13-17, 2014

[ Workshops ]

## Somaesthetica

## International Design Workshop

RMIT, Australia  
+ Shih Chien University, Taiwan



2014, 實踐 + Timothy Peter Ryan 國際設計工作營

Timothy Peter Ryan  
RMIT, AUSTRALIA  
澳洲皇家墨爾本理工學院資深設計師

實踐大學 工業產品設計學系

系所邀請澳洲籍皇家墨爾本理工學院資深設計師Timothy Peter Ryan授課指導  
舉辦國際設計工作營及演講，主題：Somaesthetica。

時間自2014年 10 月 13 至 17 日。

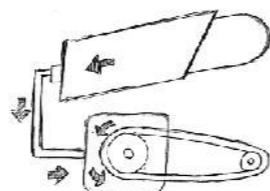




## How To Work?

The high pressure gas is channeled to the air power-motor to motivate the front gear to push the rear wheel forward by chain rings. The user can shift levers to change modes.

在氣動系統上，由氣瓶中的高壓空氣經由管線直接輸送到氣動馬達中帶動前齒盤，再透過鍊條帶動後輪前進。使用者可以藉由把手控制使用模式。



## Feature

For better mobility, I choose the bike with 20-inches tires. I hide the gas cylinder and other propelling units under the saddle for aesthetic, and spare a room for storage and shock absorber between the bicyclist and handlebars in order to make the bike more accommodative for users.

為了更好的機動性，選用20吋小輪徑腳踏車的尺寸作為依據。為避免心理上的壓迫感，將氣瓶等動力裝置放置在坐墊之下，將手提包空間往前移動到使用者和把手之間，在有限的腿部空間裡盡量保留完整的置物空間，讓通勤族能夠放置簡易的公事包。為了更佳的騎乘舒適感，另外增加了避震器降低道路造成的顛頗。



## Operation Mode

There are three-speed modes. Users can shift gears in different situations.

使用模式共分為三種，使用者可以針對環境選擇適合自己的模式。

The first mode is without the auxiliary power like normal bikes.

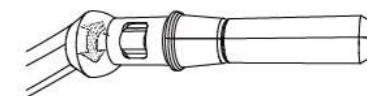
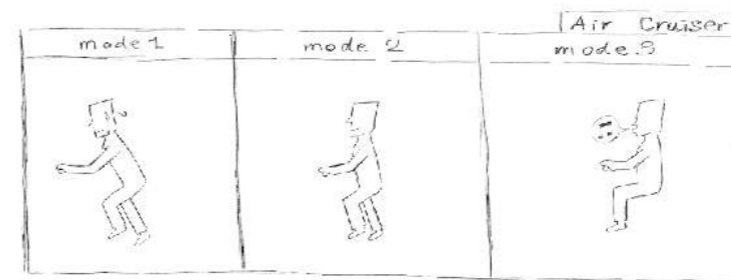
第一種是無動力輔助的自行車模式，讓使用者自行踩踏就像一般自行車一樣。

The second one is half-auxiliary power mode. The user pedals with light strength to get auxiliary power from the motor. This mode is suitable when user meets a slope or attempt to move fast.

第二為半動力輔助模式，藉由氣動引擎的輔助，使用者只需要輕踩踏板便能得到動力輔助，此模式適合面對陡坡或是高速移動時使用。

The last one is full auxiliary power mode. The user only need to control the handlebars and the bike will move automatically.

第三是全動力輔助，使用者不需要踩踏板，藉由手把的控制便可前進。



Switch the button to change the mode

007  
Air Cruiser

{With the advance of the technology, it's  
not a day dream to have an Air Cruiser  
in the future.}





NO.2  
Turquoise

NO.4  
Nemo

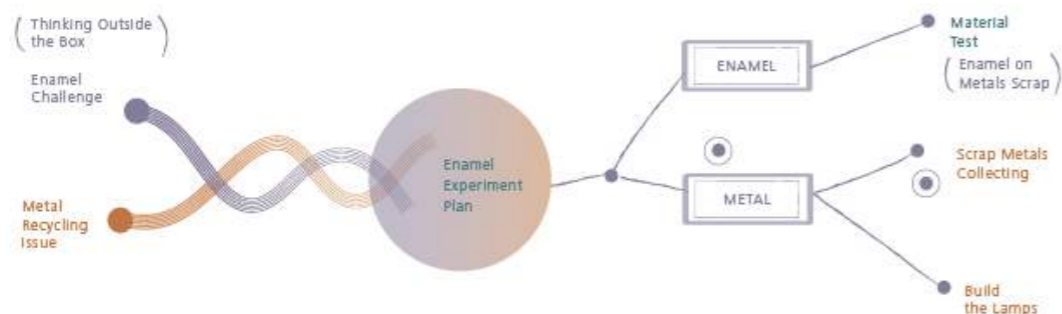
NO.1  
Bassa Madam

NO.5  
Bustle

NO.3  
19th.



## Structure



## What is Enamel?

Enamel, glaze, and glasses are the theme elements of silicate based coating, the name differs when applied to different surfaces. The swelling factor and the melting point should be lower than the substrate itself in order to achieve perfectly glazed surface.



琺瑯釉和玻璃、瓷釉、琉璃者三原料大同小異，主要的成份都是矽酸鹽類。唯須與不同材質的胎體結合，故有不同名稱。因此在製作技術上要兼顧釉與胎兩者的理化性質；也就是說，這些釉至少應調配到膨脹係數比胎質的小，同時熔點比胎質的低，才能完整附著於器。

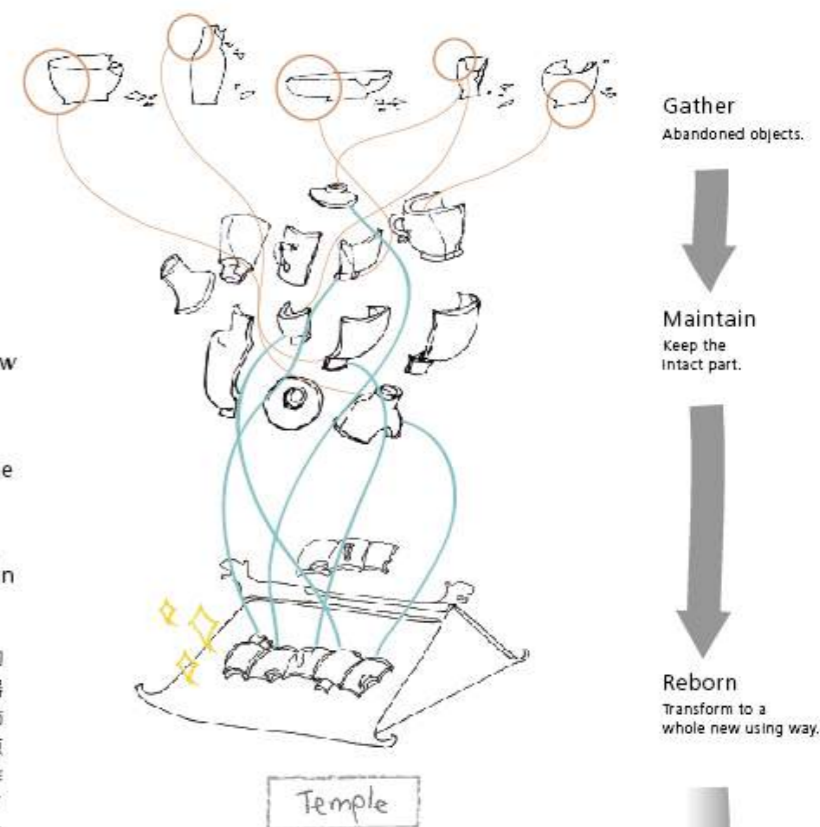


## Core Concept

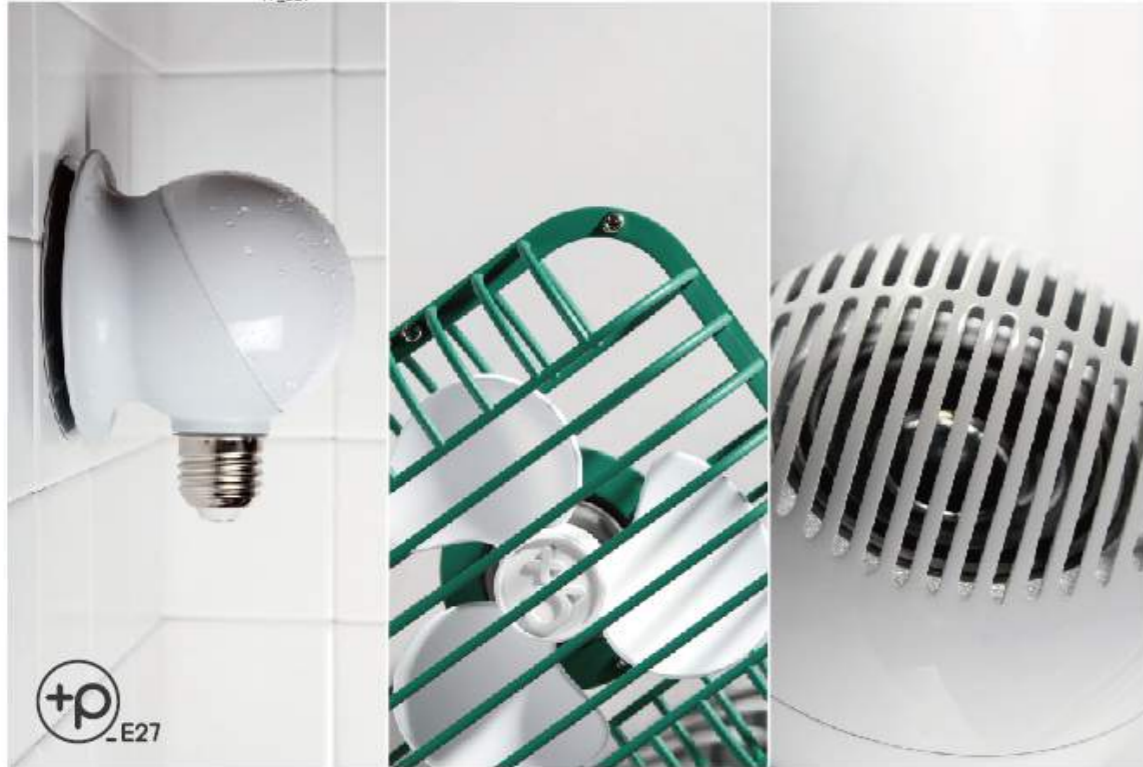
Jiannian is a classic temple decorating technique, using intact sections of flamed and abandoned pottery to create new tiles, the individual quality of every pottery piece is kept during the process.

The technique is adapted to the core value of the project, to create different products with the character of original items, in order to lengthen the lifespan of random parts of objects.

剪黏為傳統廟宇建造工法中很經典的一項手法。利用瑕疵、廢棄的陶瓷器皿剪出完好的部份，做為瓦片來裝飾廟宇。因此，從每一瓦片中能發現原物件局部的特徵。我取剪黏精神，作為這次系列作品核心概念，讓那些「好可惜」能夠以不同姿態重現於世界，延續生命週期。經過轉化，仍會保留它們重要的特徵，期許能讓人辨識出原本熟知的它們。



007  
+P\_E27



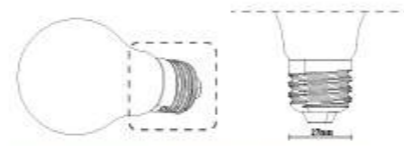
I accidentally discovered some special unit extended from the E27 lamp holder at a lighting marketplace. These units are like "additional objects", providing different functions for general lamps. I believe it will be more interesting if the unit can provide other features besides illumine. "+p\_E27" is a series based on the thinking of "additional objects" and implement with E27 lamp holders. Creating innovative experience of lamp holders with new features.

一次在一家燈具材料行意外發現許多以E27燈頭延伸的零件。這些小零件就像「加具」可以讓燈座延伸出不同的功能。看著這些零件，突然有個想法萌生，如果可以將E27燈頭運用在發光以外的功能上一定會很有趣。「加具\_E27」就是一系列以「加」的思考方式設計的E27規格加具，延伸現成燈座從前沒有的使用經驗。

What is E27?

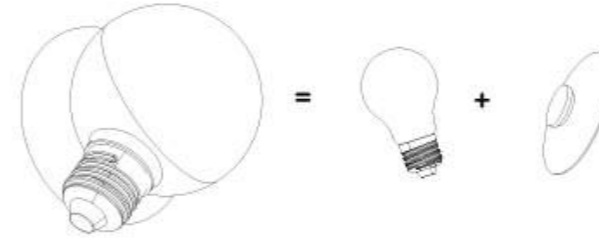
E27 is the most common format of light bulbs in Taiwan. It is used for incandescent, compact fluorescent bulb, art lighting...etc

E27是台灣最常見的燈泡規格，通常用於家用白熾燈、省電燈泡、美術燈飾.....等

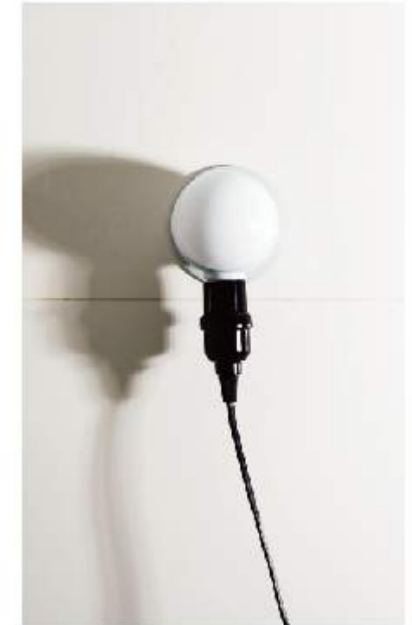
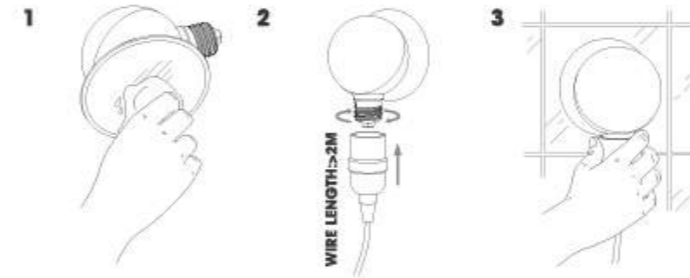


\*E27\* represents the diameter of the bulb end is approximately 27mm.  
This part sets the bulb and electrify it.

## E27\_SUCBILB

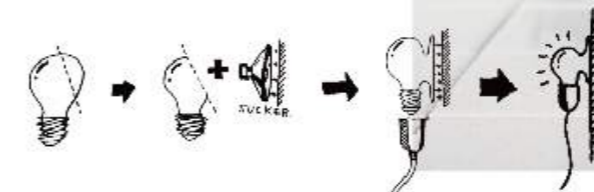


### OPERATION



Connected with the pendant light holder the E27 light bulb can be stuck on tiles or any other smooth surfaces with rubber suction.

E27燈泡如果加上吸盤，只要連接在現成的長線燈座上就可以隨意吸附在磁磚或是任何光滑平面上。





## +Project

With the behavior of "adding"  
and the unit of "object".  
I hope to create many different  
interesting "additional objects"  
In this project.

「加」是動詞，是一種行為。「具」  
是名詞，代表一個物件，希望可以以  
「加具」為主要概念，繼續發展，延  
伸出不同形態的產品。

