

# PORTFOLIO

Applicant's Work

**TAEHYUN BANG**

201 Main Street, Columbia, NC 27925

785-917-8131

[metalsmithbang@gmail.com](mailto:metalsmithbang@gmail.com)

<https://metalsmithbang.com>

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**METAL**

**+**

**INSTALLATION / PERFORMANCE**



No. 1

**Grind an Axe to Make a Needle  
(A needle and case)**

- A needle ground from an actual axe.
- A case containing steel dust residue from the grinding process.
- A case made of condensed steel dust and resin

Needle - 3" (76mm)

Case - 3.5" X 2.8" X 2" (89 X 71 X 51 mm)

2016 - 2019

No. 2

**Grind an Axe to Make a Needle  
(Video Performance)**

This work was inspired by an Asian proverb  
'Grind an axe to make a needle.' which celebrates persistence.  
For this work, I ground an axe for an hour every day until I had formed a needle.

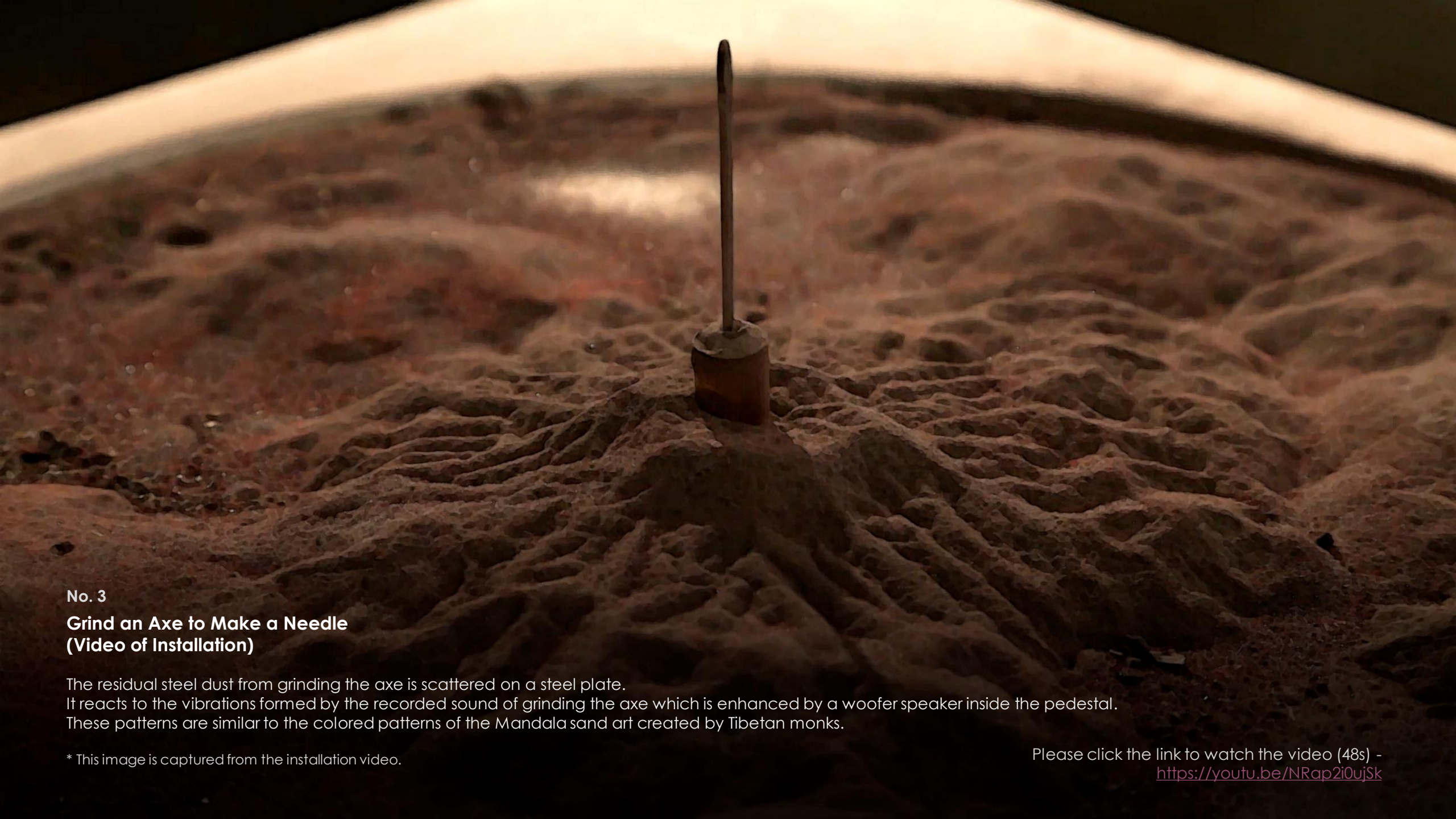
Please click one of the links to watch the video.

Short Teaser Version (1m) - <https://youtu.be/3rCoZLNPM>

Full version (7m7s) - <https://youtu.be/9yGJ58uIFB0>

\* This image is captured from the video performance





No. 3

**Grind an Axe to Make a Needle  
(Video of Installation)**

The residual steel dust from grinding the axe is scattered on a steel plate. It reacts to the vibrations formed by the recorded sound of grinding the axe which is enhanced by a woofer speaker inside the pedestal. These patterns are similar to the colored patterns of the Mandala sand art created by Tibetan monks.

\* This image is captured from the installation video.

Please click the link to watch the video (48s) -  
<https://youtu.be/NRap2i0ujSk>



No. 4  
**Singing Bowl**  
**(Object for melting performance)**

- Brass and Nickel sheet  
Metal origami, Chasing & Repousse', Raising & Planishing  
9" X 9" X 6" (230 X 230 X 153mm)

2019



No. 5  
**Visualized Agony**  
**(Object for melting performance)**

Oil paint on Tin sheet  
Chasing & Repousse', Raising & Planishing  
8" X 8" X 8" (203 X 203 X 203mm)

2019





No. 6

**Halo behind Singing Bowl  
(Melting performance, Video Installaion)**

I placed the hollow tin face over the skeleton inside the bowl.  
Then I heated the bowl from underneath. Slowly the tin began to melt and  
the face disappeared into the bowl allowing the skeleton to reappear.

This video symbolizes the moment when one's life transitions from agony to Nirvana.  
I projected the video as a circular shape on the far wall of the niche to signify a Buddha's halo.

\* This image is captured from the melting performance video.

Please click the link to watch the video (6m 7s) -  
<https://youtu.be/kkQpTGrDjAg>



**No. 7**  
**Vomit it !**  
**(Video projection on metalwork)**

Oil paint on Copper and Nickel sheet,  
Laminated Plexiglass

Metal origami, Chasing & Repousse', Raising & Planishing

25" x 23" x 8" (635 x 585 x 203 mm)

2019



**No. 8**

**Vomit it ! (Detail)**

This work depicts my interpretation of the Buddhist concept of meditation through pain.

My agony and enlightenment as a metalsmith are represented by the vomiting and praying figures that appear to be embedded in a constant cycling of melting and cooling metal.

A looped video is projected onto the piece showing a crucible containing metal that continuously melts and cools.



**METAL**

**+**

**ORIGAMI**

**No. 9**  
**Miser's Fish**

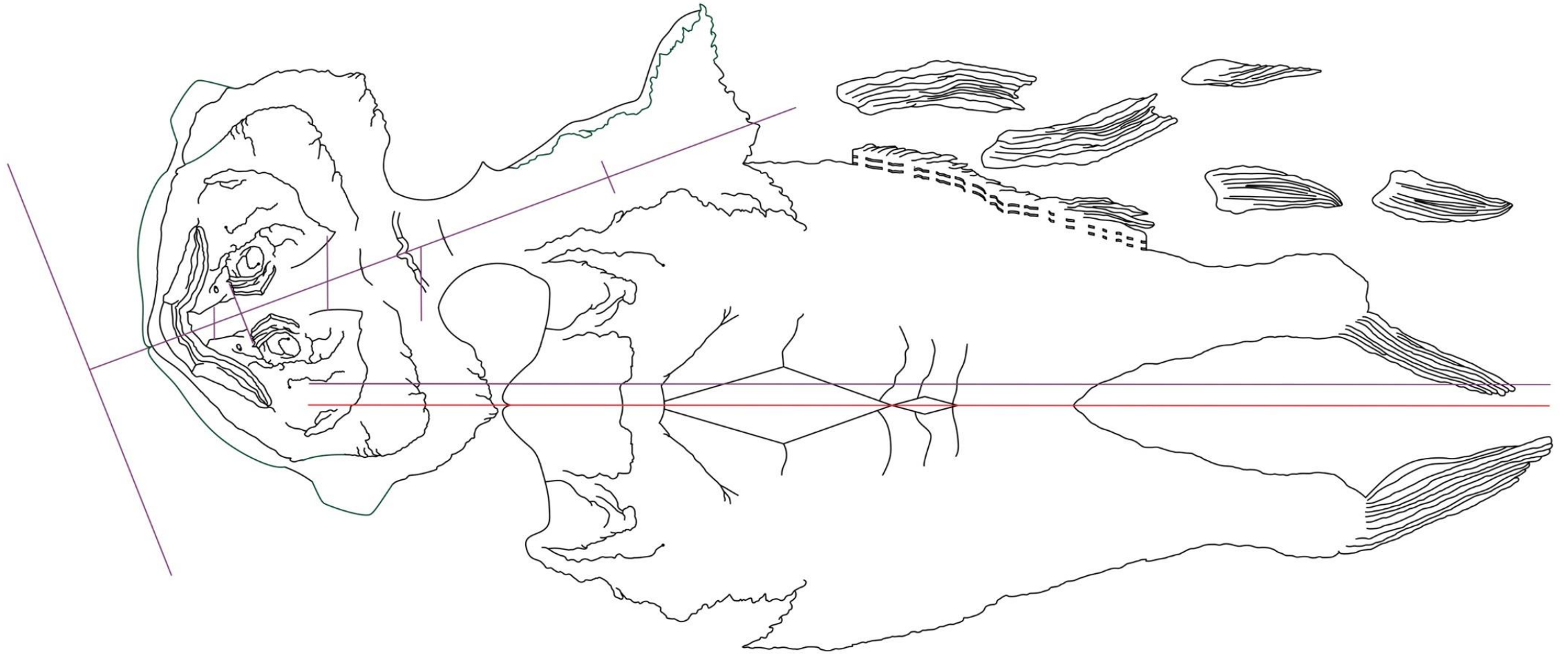
Oil paint on Aluminum sheet, Raffia  
Metal origami, Chasing & Repousse'  
23" X 5" X 3" (584 X 127 X 76mm)  
2017



*This work is inspired by an old Korean story about a strict miser who imagined the taste of a hung fish. Long ago in Korea, the Miser hooked a fish and hung it from the ceiling, and to save money on food, he only allowed himself to imagine what it tasted like. Likewise, I wanted to explore the utilitarian function of metalsmithing today by suggesting the physical sensation of imagined taste.*

**No. 10**  
**Planar figure for Miser's Fish**

CAD Drawing  
2017



*I used a CAD program(Rhinoceros) to make perfectly matching planar figure in paper from a 3D digital model.  
The paper template was used as a pattern for fabricating the fish form out of sheet metal, in a sense like metal origami.*



**No. 11**  
**Frog out the Well: Obsession (Brooch)**

Oil paint on Brass sheet  
Metal origami, Chasing & Repousse'  
3" X 2.5" X 2" (76 X 63.5 X 51mm)

2019



**No. 12**  
**Road-Killed Squirrel (Brooch)**

Oil paint on Nu-gold and Nickel sheets

Metal origami, Chasing & Repousse', Marriage of metals

4" X 2" X 1" (101 X 51 X 25mm)

2017





**No. 13**  
**First Snowy Day (Brooch)**

Sterling silver and Nickel sheet  
Digital print on metal, Metal origami

1.5" X 3.5" X 0.6" (38 X 89 X 15mm)

2014

**METAL**  
**+**  
**HOLLOWWARE**  
**TABLEWARE**





**No. 14**  
**Bottari (Korean for Package)**

Copper sheet

Fold-forming, Chasing & Repousse', Raising & Planishing

5" X 5" X 5" (127 X 127 X 127mm) each

2014

*Korea has a long tradition of gift packaging that uses a single piece of fabric.*

*Through these pieces, I have translated this tradition into my own*

*metalsmithing language by hammering and tying metal sheet to create*

*hollow containers filled with warmhearted values*



**No. 15**  
**Gap is Closed (Tea pot)**

Copper sheet, Walnut  
Raising & Planishing, Metal fabrication  
9" X 4.5" X 7" (229 X 114 X 178mm)  
2014

**No. 16  
Cutlery Set**

Stainless steel

Laser cutting, Forging, Heat patination

Approximately 6" X 3" X 3.5" (152 X 76 X 89mm) each

2013



**No. 17**  
**Dotted Line Maker**

Silicone, Brass

Water-jet cutting, Lathe turning

3" X 1.5" X 2.5" (76 X 38 X 63.5mm)

2013





**METAL +  
COMMERCIAL DESIGNS**



**No. 18**  
**Upcycled Bicycle (Stand Light)**

Scrap bicycle units, LED light  
Welding, Powder coating  
15" X 8" X 21" (381 X 203 X 533mm)  
2014

*During 2014-2016, I participated a furniture business(Circle Activity) in South Korea.  
We collected scrap bicycles and I refabricated the units to make utilitarian use,*



**No. 19**  
**Upcycled Bicycle (Book Shelf Series)**

Scrap bicycle units

Welding, Forging, Powder coating

15" X 18" X 12" (381 X 457 X 305mm) each

2014





**No. 20**

**Pearl Stick Series (Rendered Image)**

Modeled by Rhinoceros, Rendered by V-Ray, Edited by Photoshop  
Fresh water pearl, 14K White gold

Design and Rendering by Taehyun Bang  
Produced by MAADSTUDIO

Necklace – 16.5" (42cm)  
Bracelet – 7" (18cm)  
2015



*I also worked as a Jewelry designer at MAADSTUDIO. (Seoul, South Korea, 2014-2016.)  
These images are set of the products that I designed.*

*Copyright for the product and the image is reserved by MAADSTUDIO.*

1



**Grind an Axe to make a Needle**

Size of the Needle – 3" (76mm)

Size of the Case - 3.5" X 2.8" X 2" (89 X 71 X 51 mm)

Medium: An actual Axe

Condensed Steel dust from grinding process, Brass

Year of Completion: 2019

2



**Video Performance to make a Needle**

Produced, Recorded, Edited by Taehyun Bang

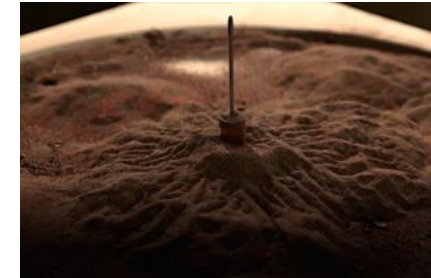
Duration : 1m (Short Teaser) - <https://youtu.be/3irCoZLNPM>

7m 7s (Full Version) - <https://youtu.be/9yGJ58uIFB0>

243h (Original Version)

Year of Completion: 2019

3



**Video of Installtionfor a Needle**

Produced, Edited by Taehyun Bang

Recorded by Brian Christopher Hawkins

Duration : 48s - <https://youtu.be/NRap2i0ujSk>

Size for total installation: 18" x 18" x 44" (457 x 457 x 1117 mm)

Date for installation : March 28 - April 4, 2019

4



**Singing Bowl (Object for melting performance)**

Size: 9" X 9" X 6" (230 X 230 X 153mm)

Medium: Brass and Nickel sheet

Technique: Metal origami, Chasing & Repousse'

Raising & Planishing

Year of Completion: 2019

5



**Visualized Agony(Object for melting performance)**

Size: 9" X 9" X 6" (230 X 230 X 153mm)

Medium: Oil paint on Tin sheet

Technique: Chasing & Repousse', Raising & Planishing

Year of Completion: 2019

6



**Halo behind the Singing Bowl (Video Installation)**

Produced, Edited, Music by Taehyun Bang

Recorded by F.C ZUKE (Bryce Heesacker)

Duration : 6m 7s - <https://youtu.be/kkQpTGrDjAg>

Date for installation : March 28 - April 4, 2019

7



**Vomit it ! (Video projection on metalwork)**

Size: 25" x 23" x 8" (635 x 585 x 203 mm)

Medium: Oil paint on Copper and Nickel sheet, Plexiglass

Technique: Metal origami, Chasing & Repousse'

Raising & Planishing

Year of Completion: 2019

8



**Vomit It ! (Detail)**

Detail shot for previous image (Portfolio No.7)

9



**Miser's Fish**

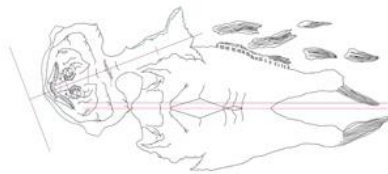
Size: 23" X 5" X 3" (584 X 127 X 76mm)

Medium: Oil paint on Aluminum sheet, Raffia

Technique: Metal origami, Chasing & Repousse'

Year of Completion : 2017

10



**Planar Figure for Miser's Fish**

CAD drawing to make previous work (Portfolio No.9)

Tool: Rhinoceros, Adobe Illustrator

Year of Completion: 2017

11



**Frog out the Well: Obsession (Brooch)**

Size : 3" X 2.5" X 2" (76 X 63.5 X 51mm)

Medium: Oil paint on Brass sheet

Technique: Metal origami, Chasing & Repousse'

Year of Completion: 2019

12



**Road-Killed Squirrel (Brooch)**

Size : 4" X 2" X 1" (101 X 51 X 25mm)

Medium: Oil paint on Nu-gold and Nickel sheet

Technique: Metal origami, Chasing & Repousse'

Marriage of metals

Year of Completion: 2017

13



**First Snowy Day (Brooch)**

Size: 1.5" X 3.5" X 0.6" (38 X 89 X 15mm)

Medium: Sterling silver and Nickel sheet

Technique: Digital print on metal, Metal origami

Year of Completion: 2014

14



**Boffari (Korean for Package)**

Size: 5" X 5" X 5" (127 X 127 X 127mm) each

Medium: Copper sheet

Technique: Fold-forming, Chasing & Repousse'

Year of Completion: 2014

15



**Gap is Closed (Tea pot)**

Size: 9" X 4.5" X 7" (229 X 114 X 178mm)

Medium: Copper sheet, Walnut

Technique: Raising & Planishing, Metal fabrication

Year of Completion : 2014

16



**Cutlery Set**

Size: Approximately 6" X 3" X 3.5" (152 X 76 X 89mm) each

Medium: Stainless steel

Technique: Laser cutting, Forging, Heat patination

Year of Completion: 2013

17



**Dotted Line Maker**

Size : 3" X 1.5" X 2.5" (76 X 38 X 63.5mm)

Medium: Silicone, Brass

Technique: Water-jet cutting, Lathe turning

Year of Completion: 2013

18



**Upcycled Bicycle (Stand Light)**

Size : 15" X 8" X 21" (381 X 203 X 533mm)

Medium: Scrap bicycle units, LED light

Technique: Welding, Powder coating

Year of Completion: 2014

19

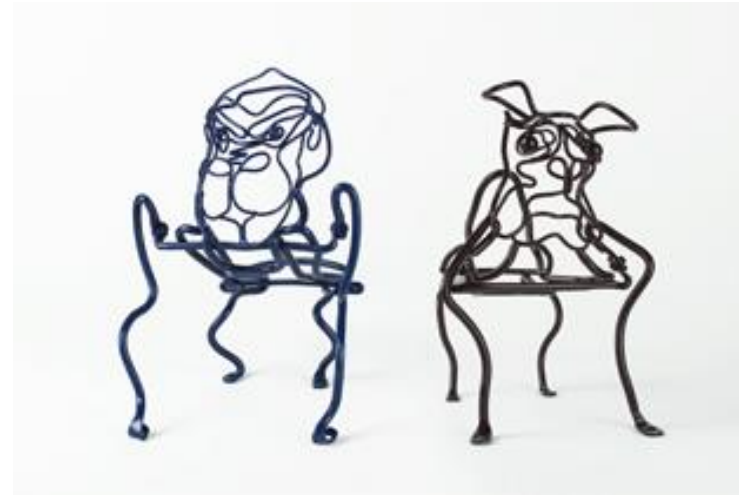
**Upcycled Bicycle (Book Shelf Series)**

Scrap bicycle units

Welding, Forging, Powder coating

15" X 18" X 12" (381 X 457 X 305mm) each

2014



20

**Pearl Stick Series (Rendered Image)**

Modeled by Rhinoceros, Rendered by V-ray, Edited by Adobe Photoshop

Size: Necklace – 16.5" (42cm), Bracelet – 7" (18cm)

Medium: Fresh water Pearl, 14K White gold

Year of Completion: 2015

Produced by MAADSTUDIO, Design & Rendered by Taehyun Bang

(Copyright for the product and the image is reserved by MAADSTUDIO.)

