つばさ傑作作品集

2020年 09月 -
2022年 06月

Tsubasa Selected works

2020.09-
2022.06

hello@takstudio.jp

Tsubasa（つばさ）

Tsubasa is a Japanese born, Lausanne based visual and industrial designer. Them design process is to expand strange ideas and small trivial questions to the maximum the potential, to find answer and make charming and fantastic objects💫

Tsubasa (b.1996) graduated in 2018 from *Tama art university*. During their studies they spent much of their time as an assistant to a contemporary artist. after graduate, they worked as assistant designer at *JIN KURAMOTO STUDIO*. Now, study at *ECAL (MA)*

She/Them

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Award

2020 JID AWARD
2019 TOKYO MIDTOWN AWARD
2019 HAY TALENTED AWARD

Selected Exhibition

2018 Speed flat
2019 Speed flat
2019 Swiss designer’s saturday
2019 Speed flat archive
2019 JID AWARD
2019 TOKYO MIDTOWN AWARD
2022 Salone Satelite
2022 BMW MINI + ECAL
2022 On+ECAL

Education

09.2020 - 07.2022: *ECAL Ecole cantonale d'art de Lausanne, Swiss*
Product design(MA)

08.2016 - 12.2016: *ArtCenter College of Design, US*
Study abroad(BA) https://design-milk.com/future-craft-the-japan-thailand-edition/

04.2015 - 03.2019: *Tama Art University, JAPAN*
Product design(BA)

Experience professionnelle

05.2020 - 06.2021: *JIN KURAMOTO STUDIO, Japan*
Assistant Industrial designer

Language

Japanese (Native)
English (Good)

Skill

- Photoshop
- Illustlator
- Aftereffect
- Indesign
- Keynote
- Rhinocerous
- Blender
- Keyshot

- Prototyping
- Modeling
- Photoshoot
- Presentation
- Powerful
- Smile

FRAMEs

Since long time ago, picture frames have been made by craftsmen with great respect and emphasis as a part of the artwork. However, since the spread of mass production and the white cube style of exhibition, the shape of picture frames has started to change. The experience of choosing a picture frame has decreased, as the majority of frames are made of simple square pieces of wood with a metal backing, which are quite uniform and simple.

My project, FRAMEs, uses a simple 3D-printed joining system that allows for a variety of patterns and cut-out shapes, and one of the main aims of the project is to make frames a more enjoyable part of the picture, as they were in the previous era.

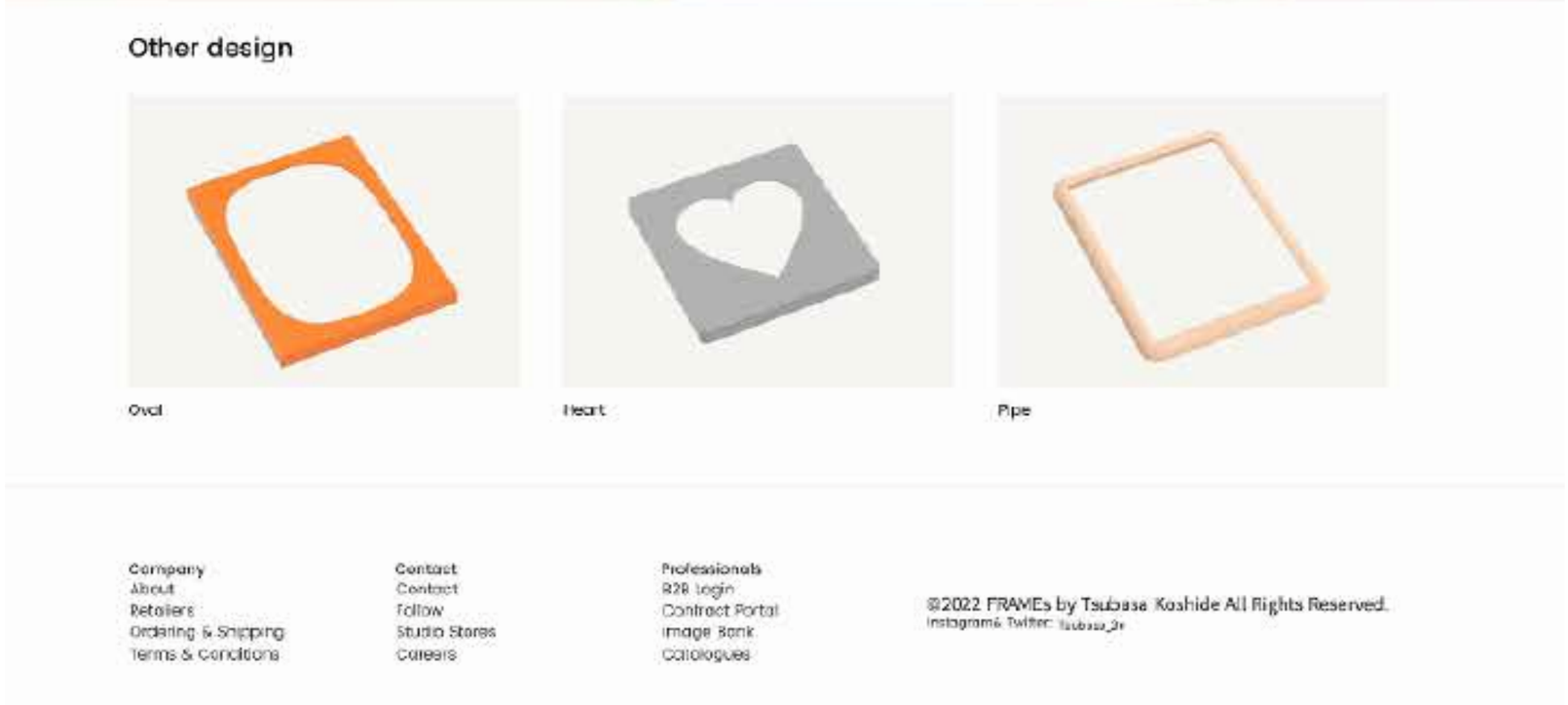
3D printed picture frames are a new service that not only customises the appearance, but also the dimensions and thickness.

古くから額縁は、作品の一部として職人が敬意を払い、大切に作られてきました。 しかし、大量生産の普及とホワイトキューブ型の展示スタイルがメインになってから、四角い木材に金属の裏打ちを施しただけの、極めて画一的でシンプルな額縁が主流となり、額縁を選ぶという体験が減ってしまいました。

私のプロジェクト「FRAMEs」は、3D プリントによるシンプルな接合システムを用いて、さまざまな模様や切り抜き形状を可能にし、昔の時代のように額縁をアートワークの一部として楽しむことを大きな目的の一つとしています。

FRAMEs は、見た目だけでなく、寸法や厚みもカスタマイズできる新しいサービスです。

Design object: Picture Frame
Material: PLA



1. What's FRAMEs?

FRAMEs is a completely new online service for 3D-printed frames, which can be ordered on the website by selecting the style of frame that suits the artwork and entering the dimensions.Different from existing simple frames, you can customise and choose from your own choice of colours, materials and shapes.

2. Customization

some artworks long and horizontal or vertical, and this kind of artwork were not fit to normal frames. Therefore, I created a system that allows freely produce long, horizontal or vertical objects. Using a 3d printer allows a any kind of shape without other special techniques.

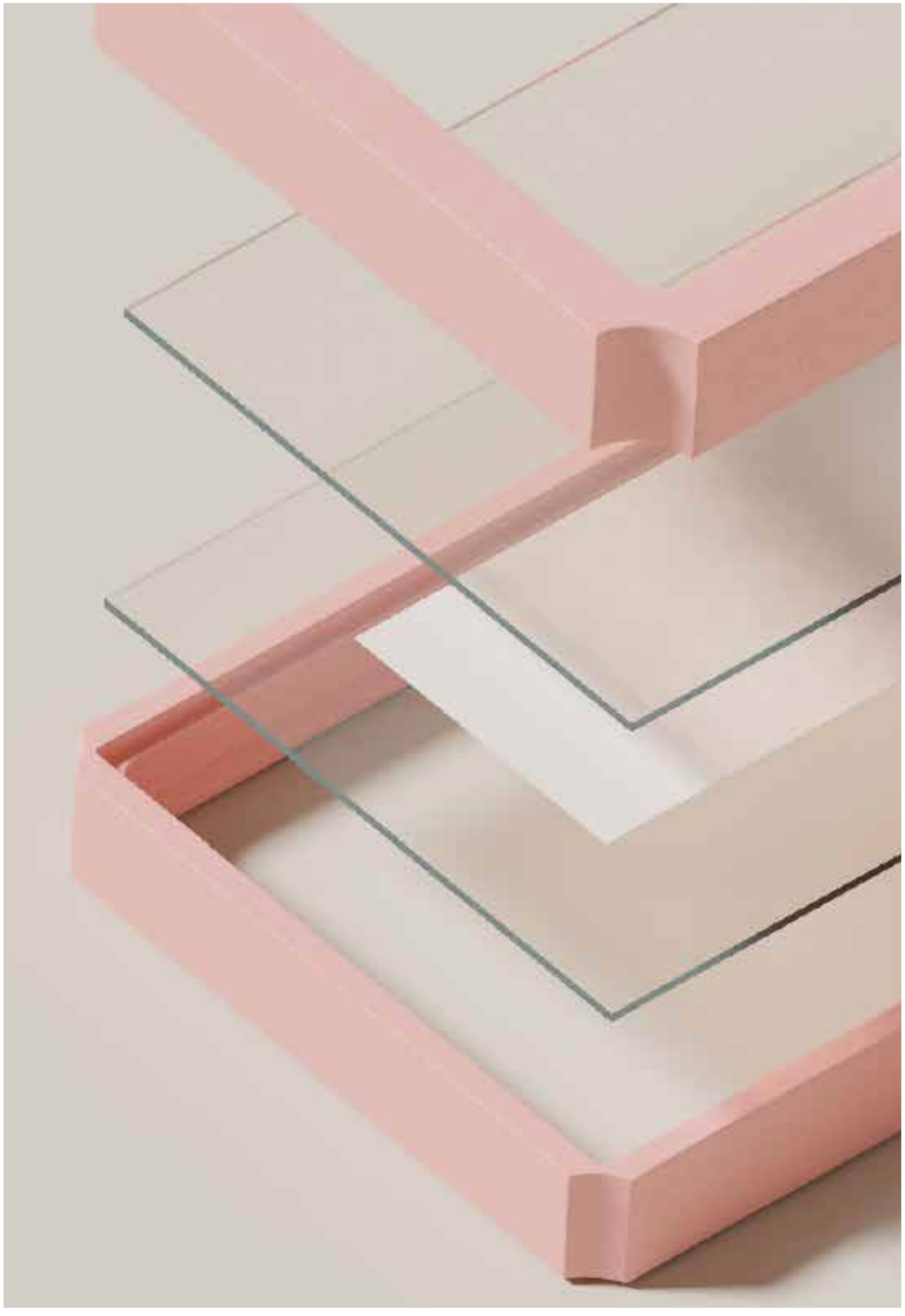
3. Easy to disassemble

Frames is made from 3D printing parts and glass panels. It uses a similar 2 shape, but by putting a quarter circle inside at the conner of box shape, I installed a mechanism that makes it easy to remove and put back on. It can also be printed in a variety of materials, such as recycled wood, stone and biomaterials.

4. Unique 45° angle

On the reverse side, a 45° angled edge is integrated into the frame. This allows the nail to hang on the wall very comfortably, as it naturally catches on the wall when it is hung. The 45° cut also acts as a handle for removing photos from the frame.This is also a detail that can only be created by a 3D printer.

Observetion and Research
Joint parts detail



Observetion and Research
Back side detail

LONG DISTANCE CAR

Proposal for a long-distance bus for a journey of 8-10 hours. Santoni, an Italian company specialising in the development of 3D knitting, wanted to develop a vehicle using this technology.

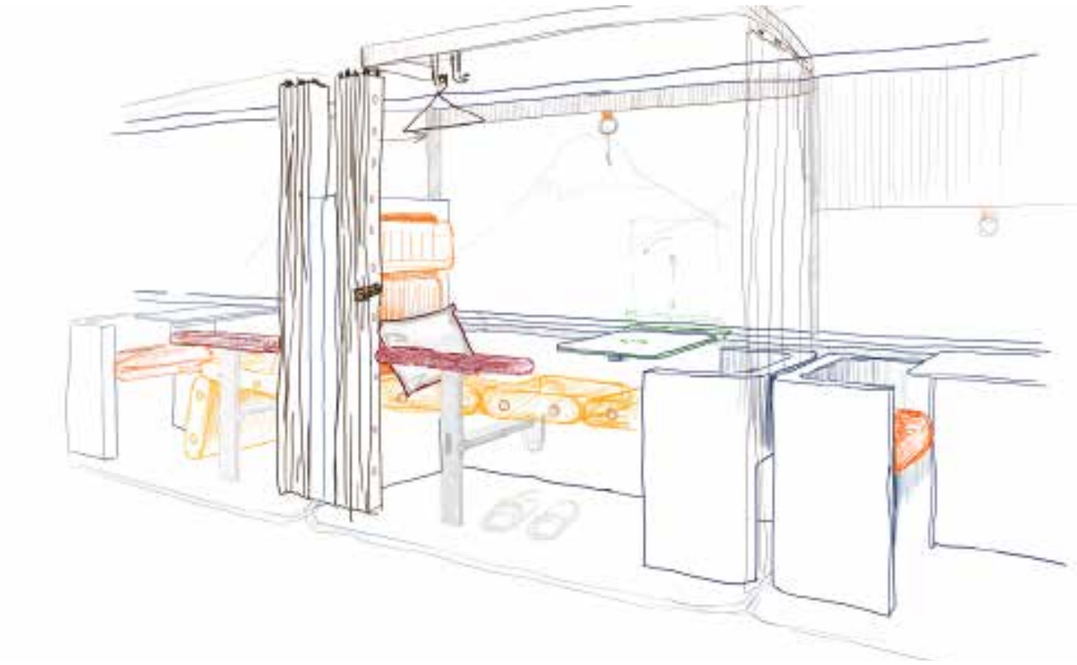
The curtains, which use 3D knitting technology to change from translucent to opaque, easily switch between an open space for conversation during the day and a private space at night. The curtains easily switch from an open space for conversation during the day to a private space in the middle of the night.

The entire interior was also designed with great attention to detail, including a movable table and chairs that can be turned into a full-flat bed, so that the passengers can enjoy themselves during the drive.

8-10 時間程度の移動を前提とした長距離バスの提案。イタリアにある Santoni 社は 3D ニッティングの開発を得意とした会社で、そのテクノロジーを使った車の開発を求めていた。

その為、" カーテンのような布で空間で仕切る”ことをテーマに長距離バスの内装を考えた。3D ニッティングならではの技術をつかった半透明から不透明に変わるグラデーションをもつカーテンは、日中の会話を楽しめるオープンスペースから深夜のプライベートスペースを簡単に切り替える。また、全体のインテリアもドライブ中も楽しめるように、移動式のテーブルやフルフラットのベットになる椅子など細部までこだわり抜いてデザインした。

Design object: Car interior
Design team with: Silcov Sergei
Material: Mix



1. Gradient with curtain

Using SANTONI's 3d knitting technology, the space is gently divided by gradients. No extra fittings or parts are needed, and the ceiling is visible, making the private space appear larger. This is possible because 3D knitting makes it beautifully gradient and, moreover, reduces production time.

2. A chair that can be just covered

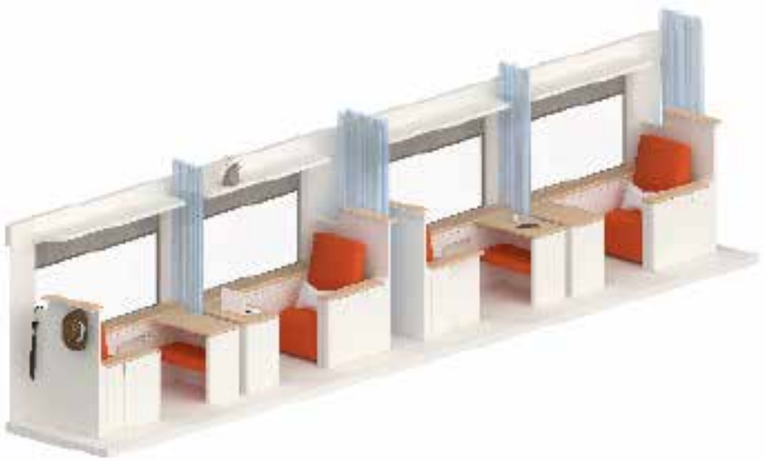
The project also designed a chair cover. The back is wide open and can be covered by simply tying it off. It is hygienic and can be washed quickly. The chair can also be used as a bed as it lies fully flat. The bed is designed to be approximately 2 m long, including the ottoman.

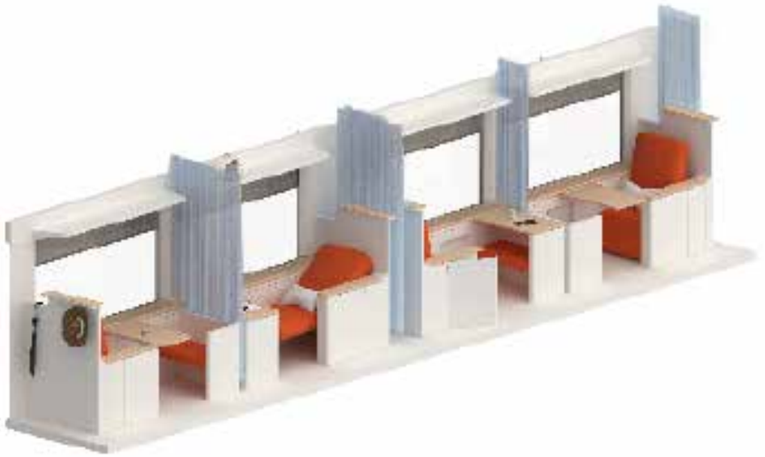
3. Ottoman for comfort

The separation of the ottoman from the chair is a key design feature. And above the ottoman is a wooden mobile table. The ottoman can therefore be used in a variety of ways, depending on how you work and spend your time - as a place for bag, a foot rest or as part of your bed when you sleep.

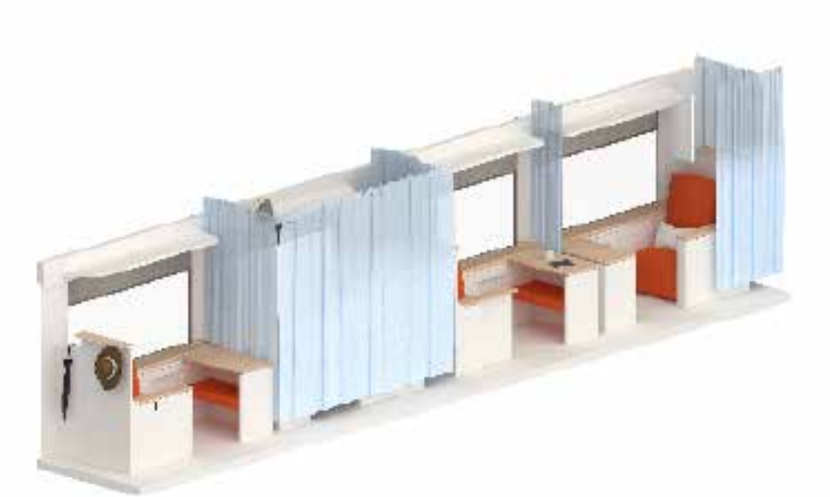
4. Harmonious harmony

Wouldn't you be kind of happy if the interior of the bus you spend a lot of time on was nice? We placed great importance on overall harmony with orange and light blue as the base colours. We aimed for a bright space where people can relax, without being too calm or too pop.





Daily time: Talking, working,
enjoying the landscape...



Night time: Sleeping or
enjoying quiet solo time:)

AMUUMU

We participated in the “HIGASHIOSAKA FACTORIES” project, which aims to create and disseminate the diverse technologies and innovative manufacturing of Higashiosaka. In cooperation with Kyowa Steel Co. Ltd, which manufactures diamond-shaped wire net, we worked on the planning and design of products using this wire net.
We came up with the idea for a modular bench, which has similar warm characteristics. It has a delicate and sharp look, but softens and supports your body when you sit down in it. Due to the manufacturing characteristics of diamond-shaped wire netting, it is possible to adjust its length freely, and we made a modular bench which can be adjusted to various lengths, according to use and situation.

Responsible for ideas, prottyping

東大阪の多様な技術や革新的なものづくりの創造と発信を目指す「HIGASHIOSAKA FACTORIES」プロジェクトに参画しました。共和興業（株）の協力のもと、菱形金網の製造工程を見学しました。菱形金網を製造する共和興業（株）の協力を得て、この金網を使った製品の企画・デザインに取り組みました。
そこで思いついたのが、同じような温かみのある特徴を持つモジュール式ベンチです。繊細でシャープな印象がありながら、座ると柔らかく体を支えてくれる。菱形ワイヤーネットの製造特性上、長さを自由に調整することが可能であり、用途や状況に応じてさまざまな長さに調整できるモジュラーベンチを作りました。

アイデア、プロトタイピング担当

Design object: Bench
Material: Metal

1. New joint system

For the joints between the metal knitting and the bench, a system of metal casting protrusions was created. As this is a new business start-up, the primary design priority is to keep extra costs as low as possible. We came up with a system that can be made using only four metal parts and screws and anchor bolts.

2. Module system

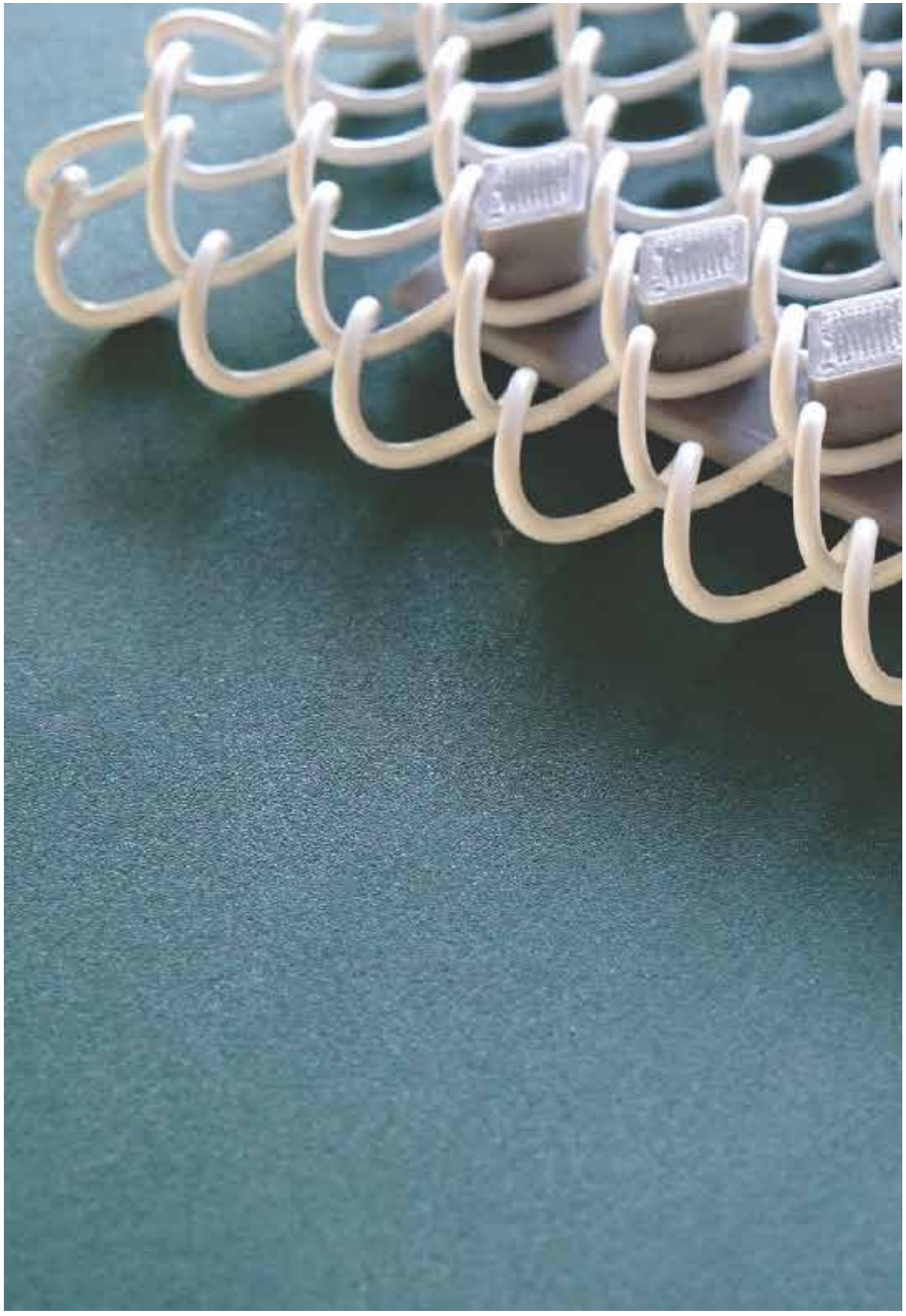
The bench can be made from a minimum of two units and can be combined in multiples to any length. This is a unique point of AMUUMU that no other bench can do, conceived from the advantage that metal knittings can be made in any length.

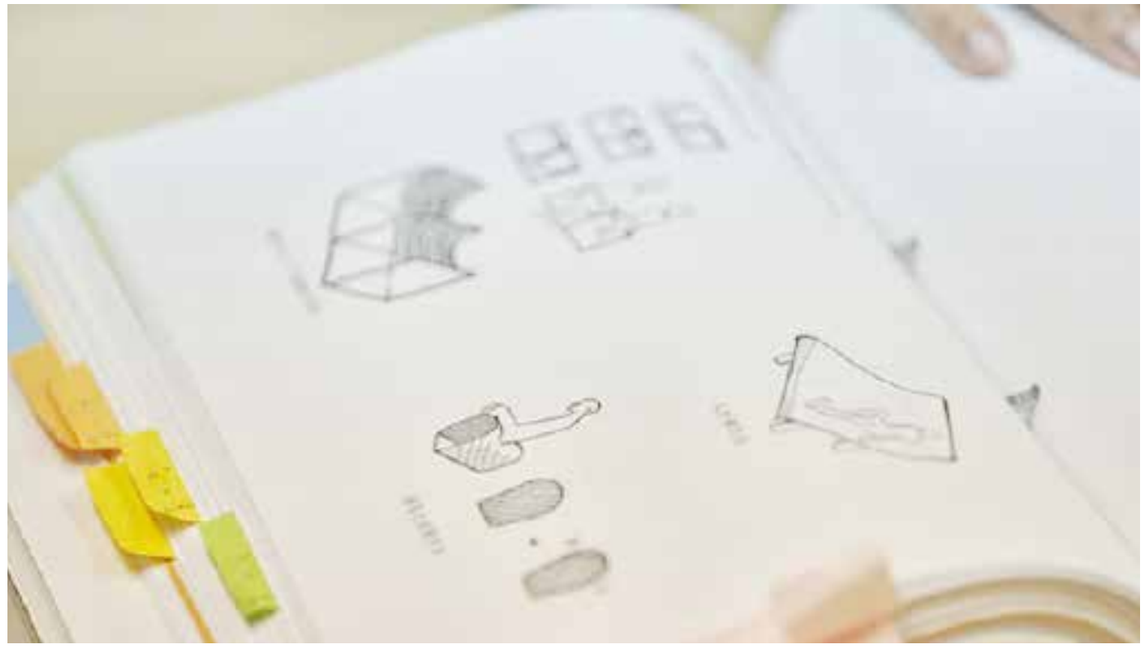
3. Sense of nostalgia

The stripped-down body gives it a fascinating appearance, as if it were a floating metal net. The stylish appearance also makes it ideal for installation in museums and design facilities as well as public places The elongated body not only benefits the appearance, but also reduces the amount of metal cast, leading to cost savings.

4. Sense of nostalgia

Do you remember touching the fences of a football or baseball field when you were a child? Benches made of metal netting, because they are made from materials that are all around us, give us a nostalgic feeling every time the seat surface bends.





Final model

Final model

VIRTUAL PRODUCT DESIGN

I create CGI with soft, cosy, pleasing pops of colour.

01."I am your friend"
The motif was "space smells like raspberries", and the dog travelling alone in space and the landscape spreading out in space were designed. After sketching and 3D sketching, designing, 3D printing and creating landscapes, I went back and forth between 3d and 2d.

02."Virtual Product design"
My these writing about product design for inside of game. This CGI is cover for book

03."Sunny day"
Independent production work

私はインテリアスタジオで働いていた経験もある故、
CGI の世界でつくるインテリアにかなり傾倒しています。
優しくカラフルでポップな色使いの CGI をよく作ります

01. "I am your friend"
宇宙はラズベリーのにおいがする、という記事を読んで
着想を得て、スケッチと 3 D プリント、CGI を行き来し
ながら制作しました。

02."Virtual product design"
修士論文ではゲーム世界の中でのプロダクトデザインに
ついて書きました。CGI はその論文のための表紙です。

03."Sunny day"
自主制作

Design object: Figure
Material: PLA and 3dcg

Virtual Product design
Cover for my thesis at ECAL

Sunny day
Independent production work