

To Make Is To Grasp: from 2D to 3D

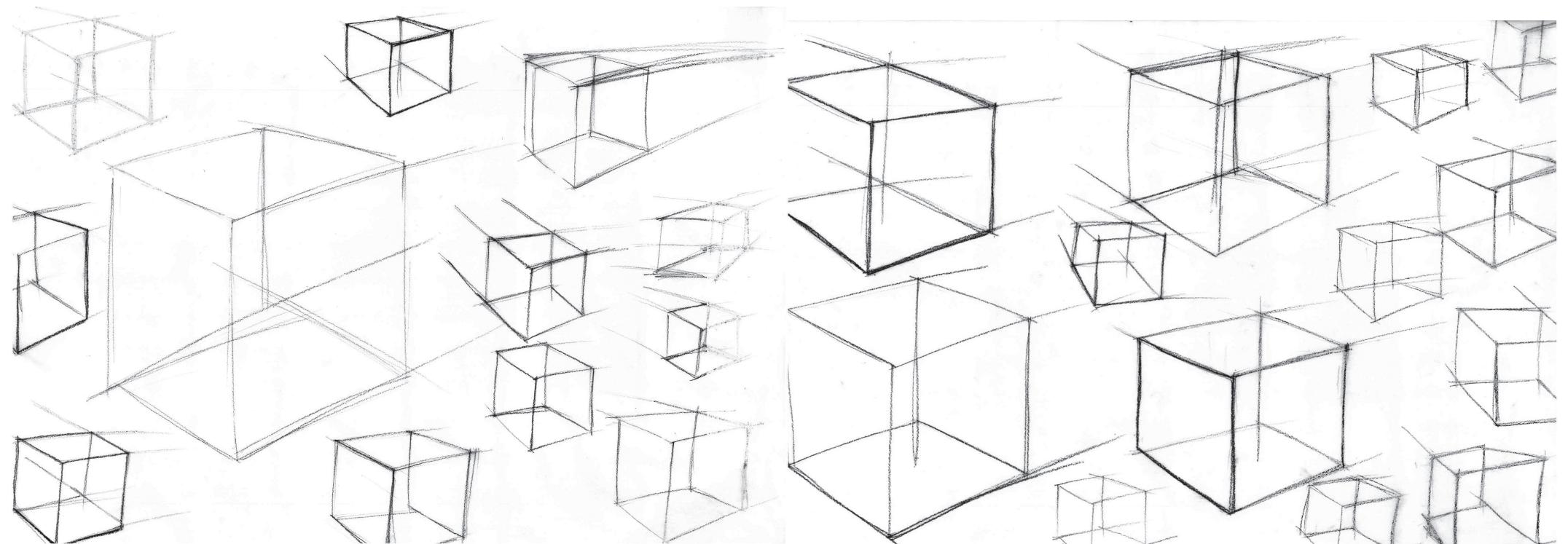
PORTFOLIO

Xiaoyu Shen

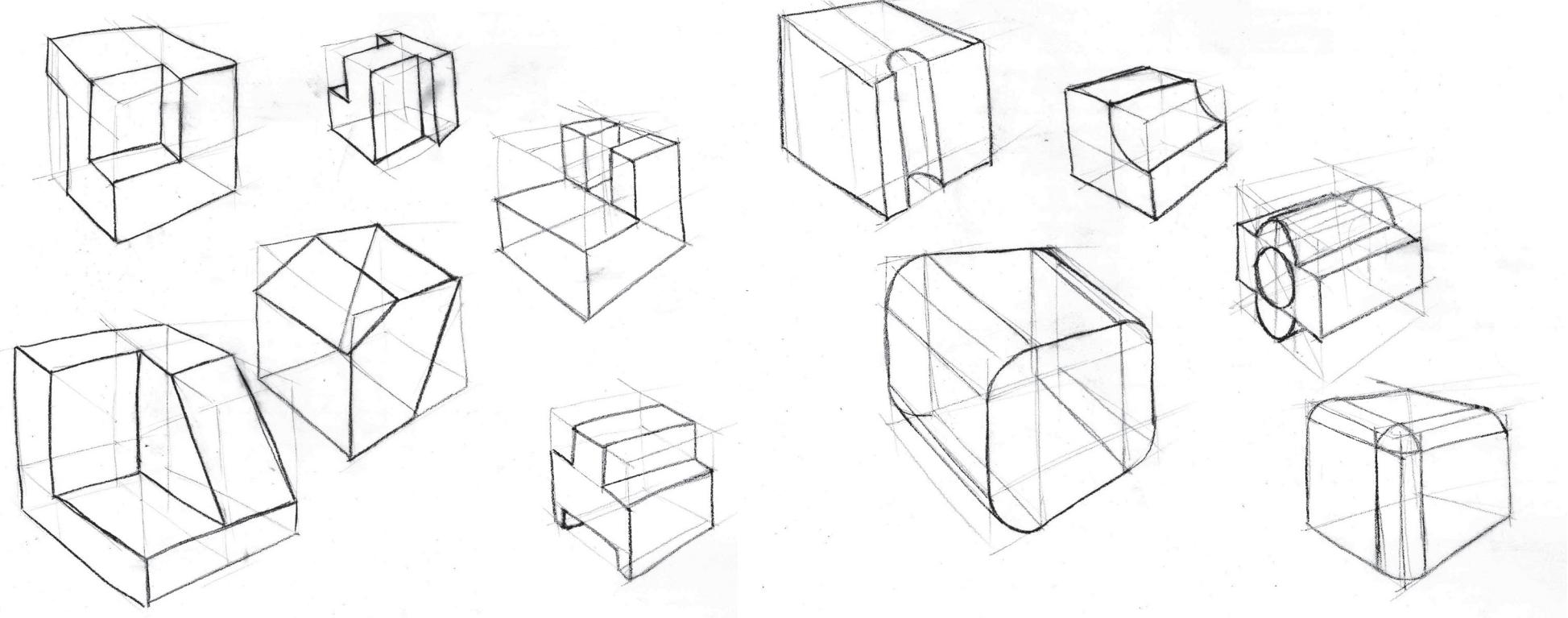
Sketching, Modeling, Adobeing

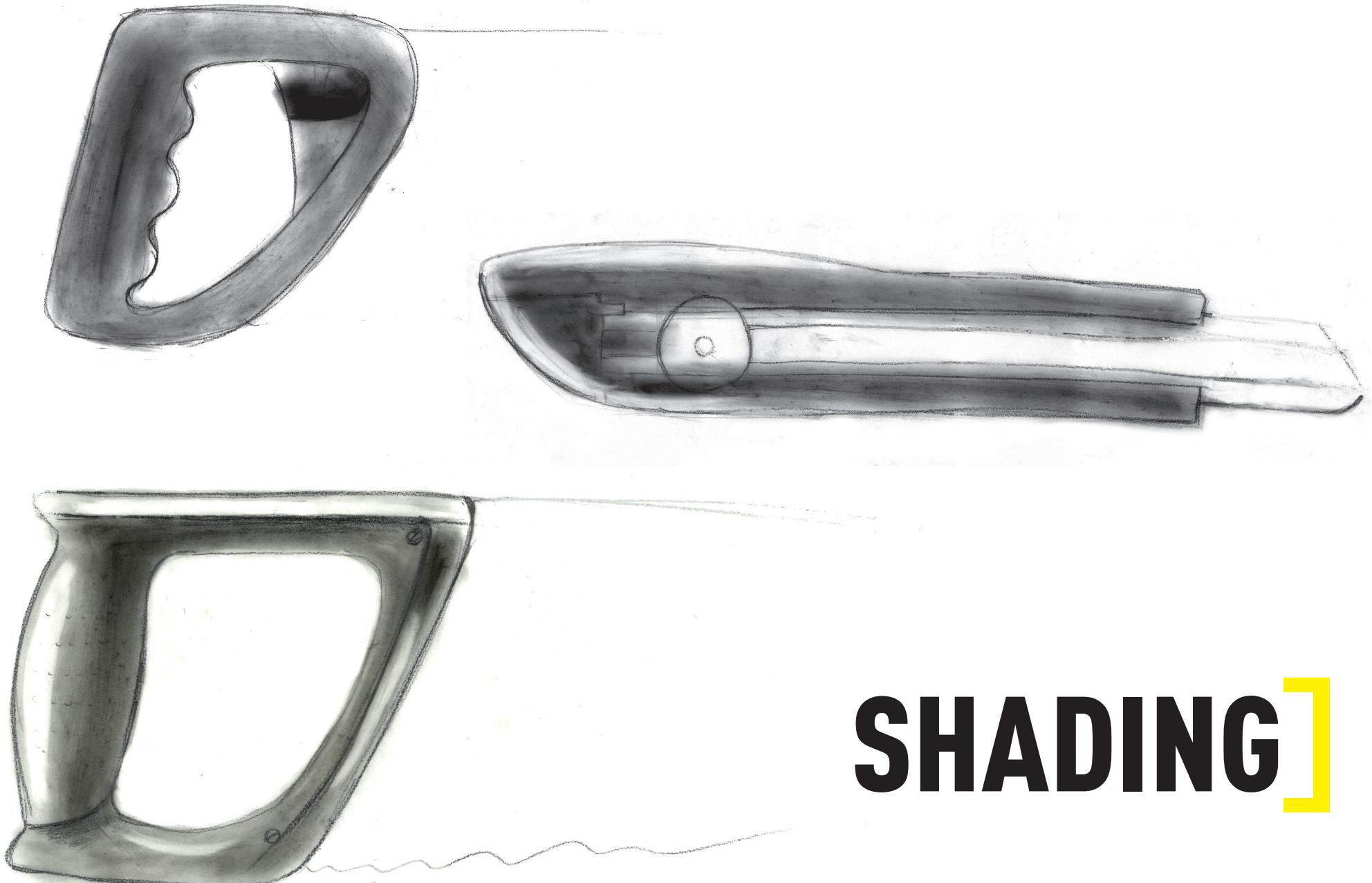
{SKETCHING}

CUBES



VARIATION



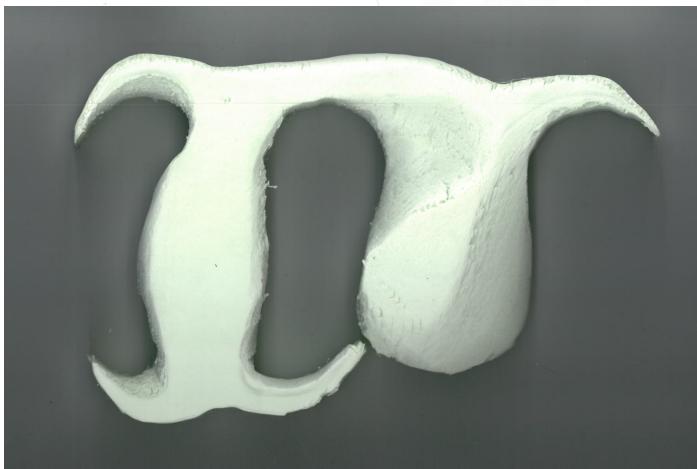
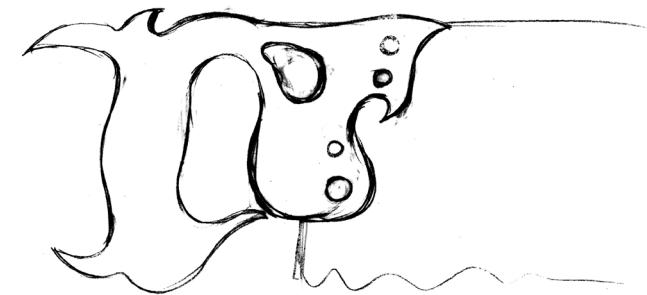
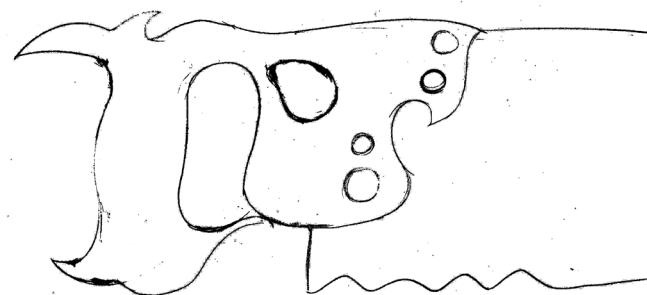
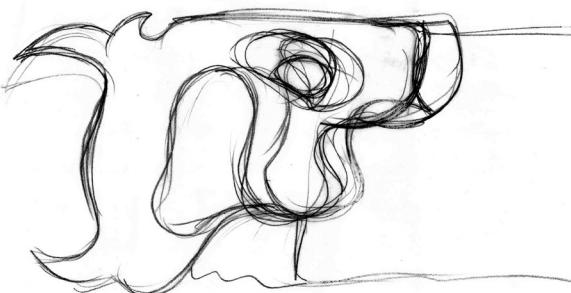


SHADING]

{**MODELING**}

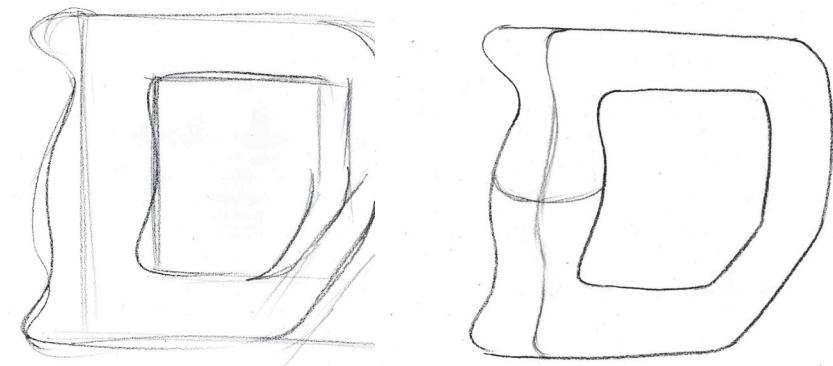
At the very beginning, I tried a quite classic style. The horns and curves added aesthetic value to the saw handle. However, as the design looks too busy and the size of the handle is not right, it still needs improvements.

FIRST DESIGN]

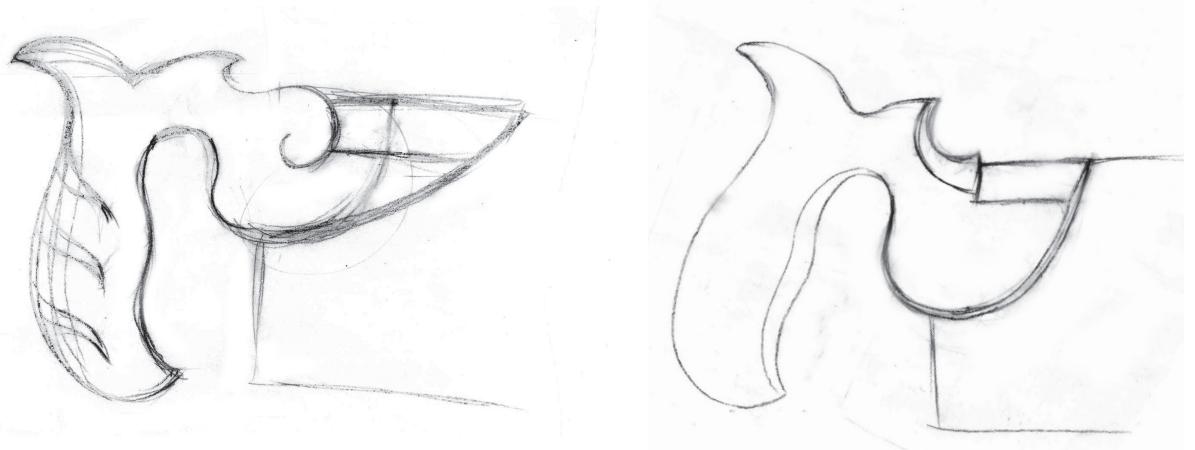


SECOND DESIGN]

This simple design aims to figure out the right size of the saw handle and the most comfortable shape of hand-held part.



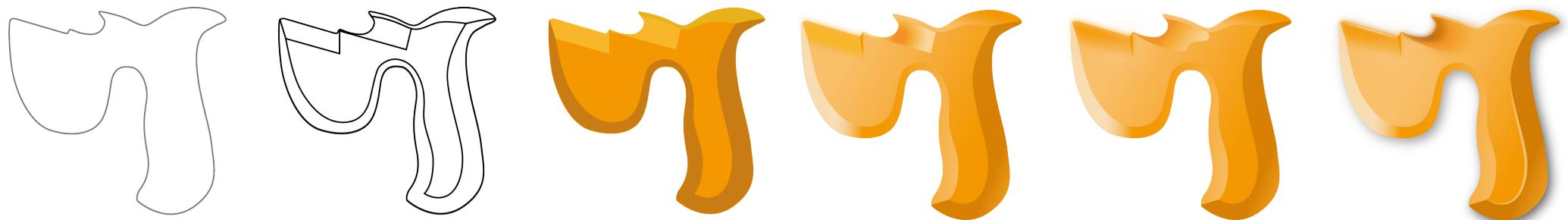
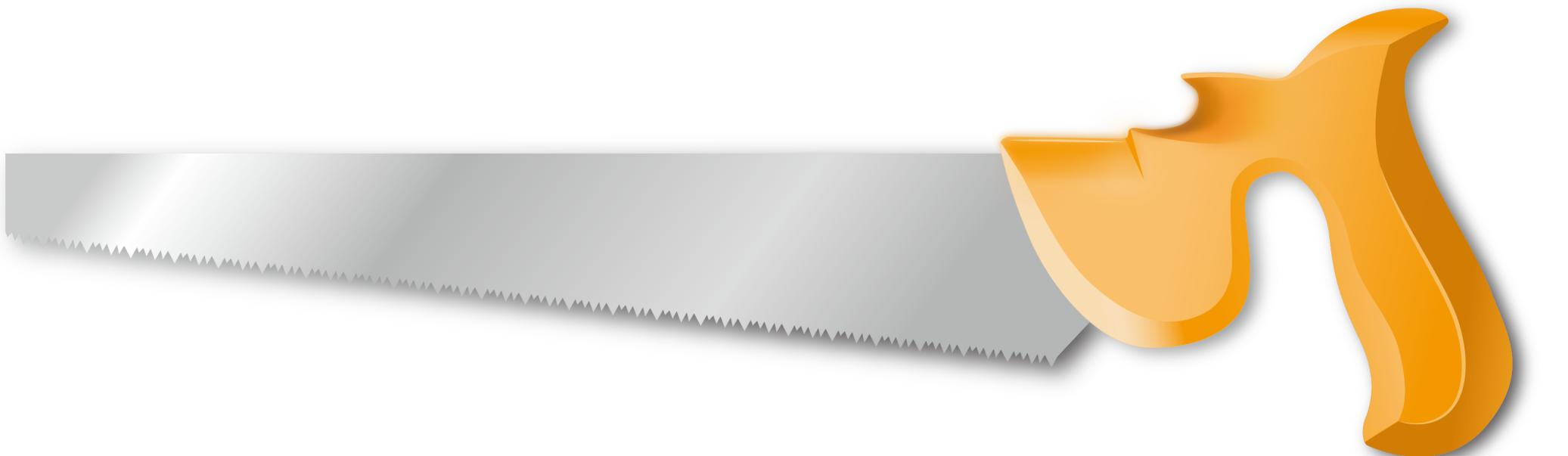
The general size and hand-held part shape of last iteration were applied to this design. It remains the classical style with horn and curves, but it fits more to the hand and looks less busy compared to the first one.



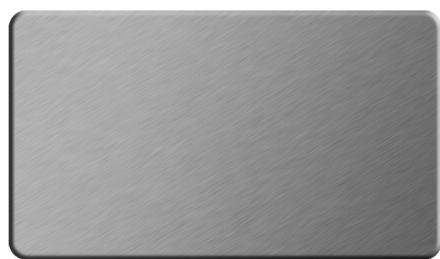
THIRD DESIGN]

{ADOBEING}

ILLUSTRATOR]



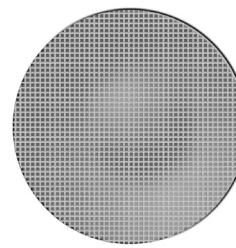
PHOTOSHOP



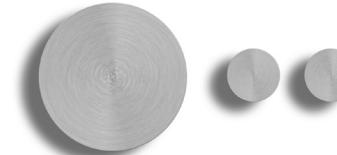
Brushed metal



Screen reflection



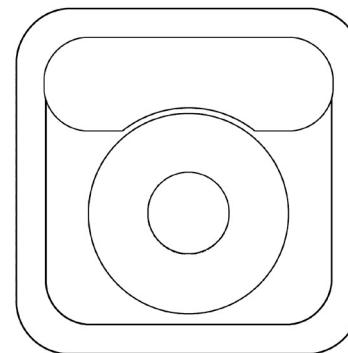
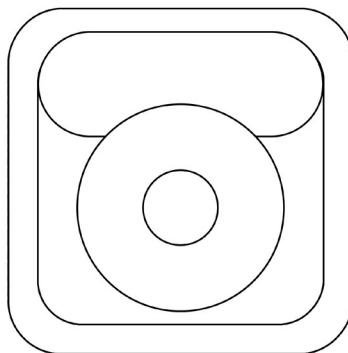
Speaker



Round & brushed metal



LED



{ ALL-IN-ONE PRINTER }

STUDY]

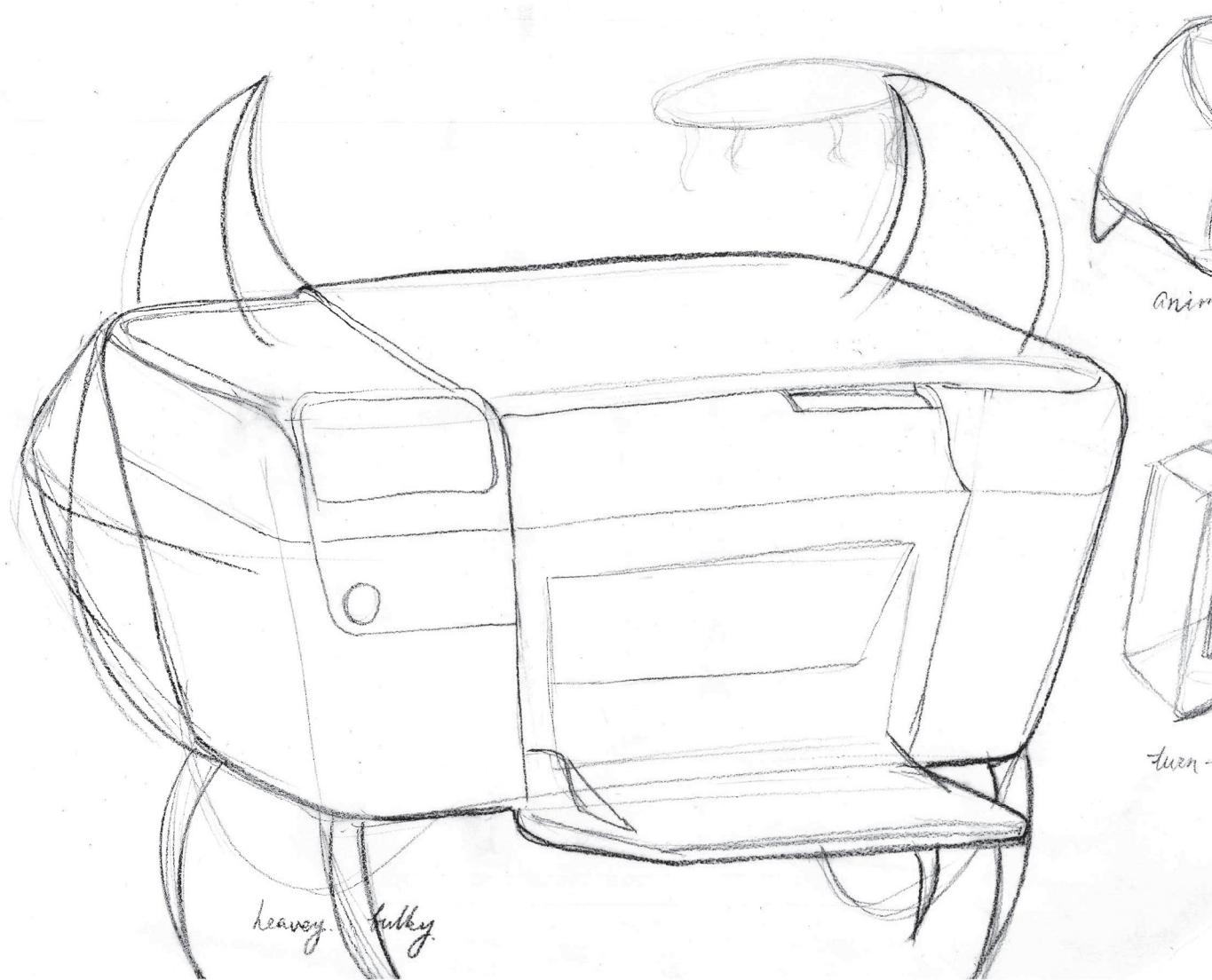


Design style of Philippe Starck

"Action needs style and elegance, and a little humour. It's essential."

---Philippe Starck

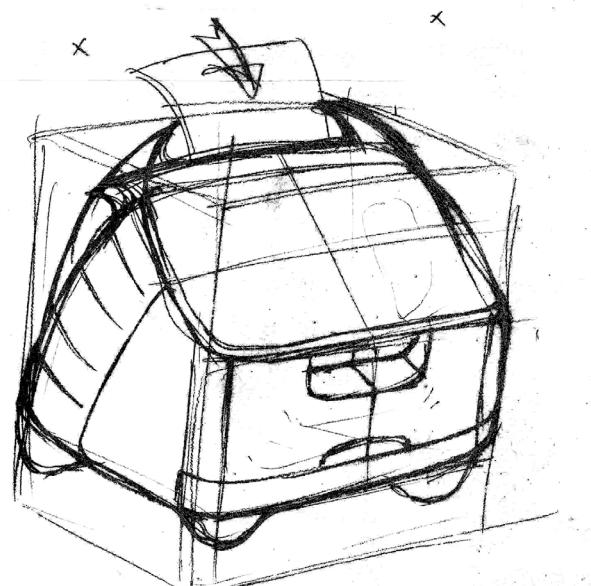
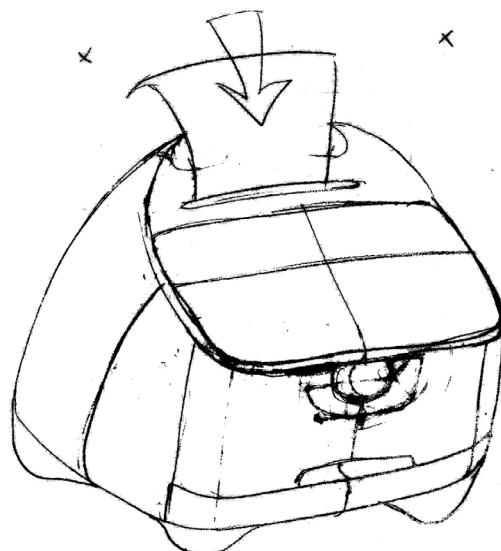
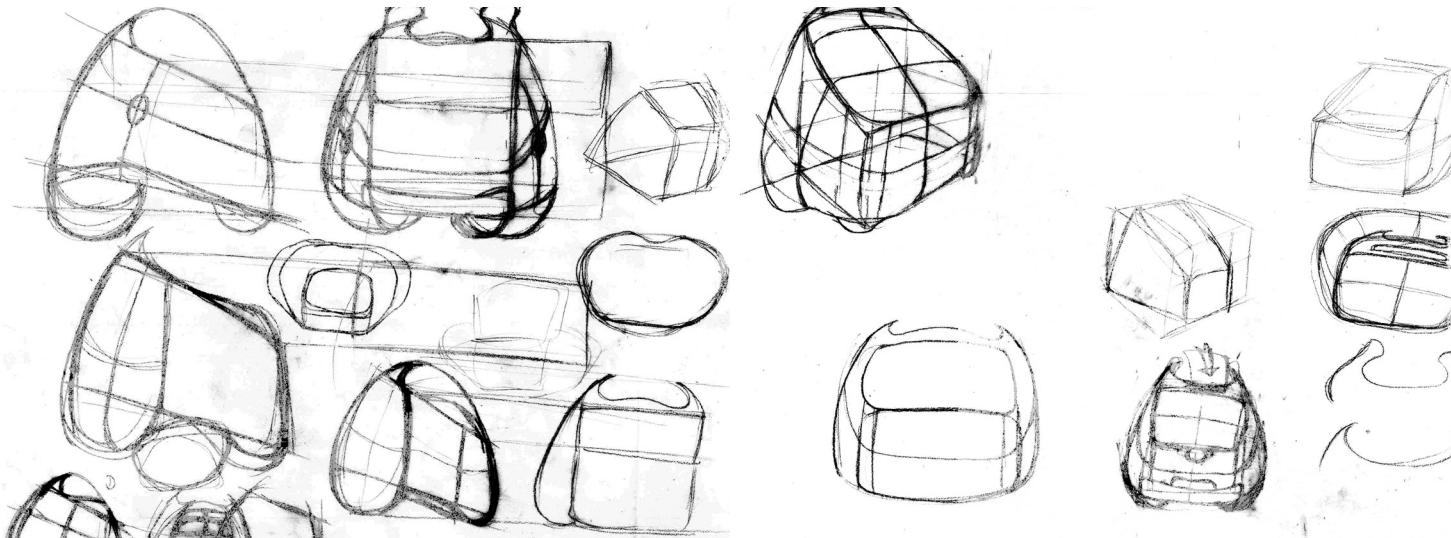
IDEATION]



Get start from the original printer

What if the printer is a bad-tempered bull that is going to rush to you from the corner of your desk?

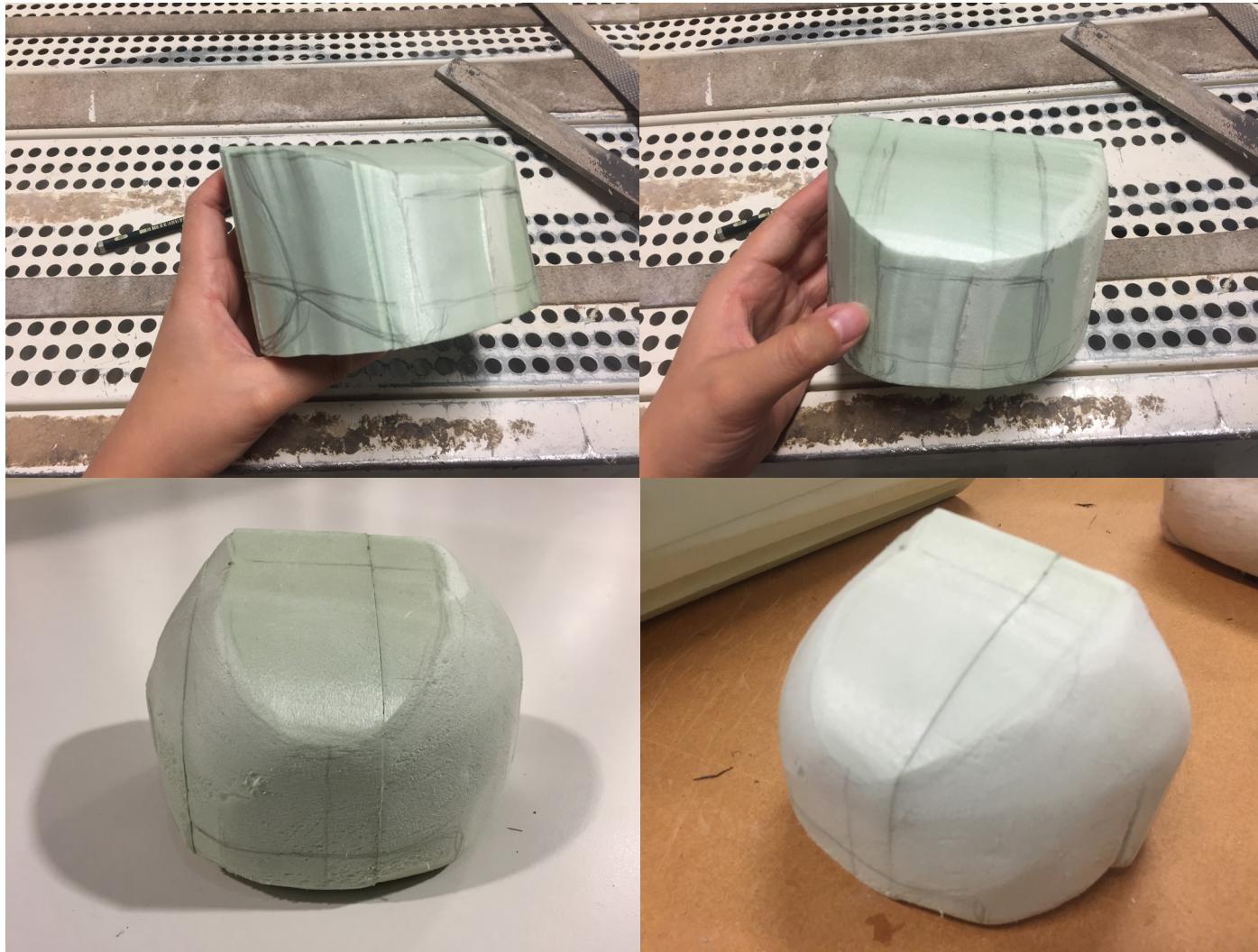
EXPLORATION]



To be stylish and amusing

Printer is a bulky machine, how to make it cute and lively? The answer I found is an organic body.

3D SKETCH]



A rough & tiny sketch with foam

It is hard to imagine an organic style on paper only, a little piece of foam was used to explore the three-dimensional shape.

MODEL MAKING]

Shaping the details

Starting with a rough shape cutting, the surface was sanded from plane to a curved and organic one. Then the details like scan lid, printer drawer, decorative horn were carved afterwards.



COLOR]

Right colors bring the right feelings

A single-color body decorated with some bright colors is able to set the stylish shape off. However, the basic color should not obscure the details of the shape.



First Iteration

Second Iteration

FINAL MODEL]



From a half to a whole

With the help of a mirror, it became a whole printer in the end.

REFLECTION]

The printer was regarded as a sculpture more than a product in the design process. More human-machine interaction issues should be taken into consideration, such as the best way to open the scanner lid, how the printer drawer works, etc.



IMPROVEMENTS]



Standby



Print documents



Open the scan lid