

AUP2002 Projeto Integrado
Profas. Denise e Sara
Aula 24/09/2021

Requisitos de Projeto e Desenhos de concepção

Requisitos

→ Imprescindíveis / Desejáveis

é importante hierarquizar

→ Conceituais/ Técnicos / de Uso / Comerciais

Pensar em diferentes categorias de requisitos para nortear o desenvolvimento

→ Uso dos requisitos

quando for criar / propor ideias - não é necessário se ater aos requisitos, podem ser propostas mais livres

quando for selecionar as alternativas, deve-se considerar o que foi estabelecido pelo grupo nos requisitos

Tipos de Desenho

→ **Concepção**

são desenhos mais soltos, que visam apresentar rapidamente as ideias para discussão e seleção no grupo

→ **Desenvolvimento**

após amadurecimento das ideias propostas, o desenho evolui para algo mais detalhado, com mais vistas e inclusão de outras informações. Nesta categoria também temos os desenhos esquemáticos e de situações de uso.

→ **Comunicação**

Pode ser dividido em Renderings ou desenhos de apresentação formal ,
Desenhos técnicos para comunicação da estrutura do produto e Desenhos técnicos de fabricação

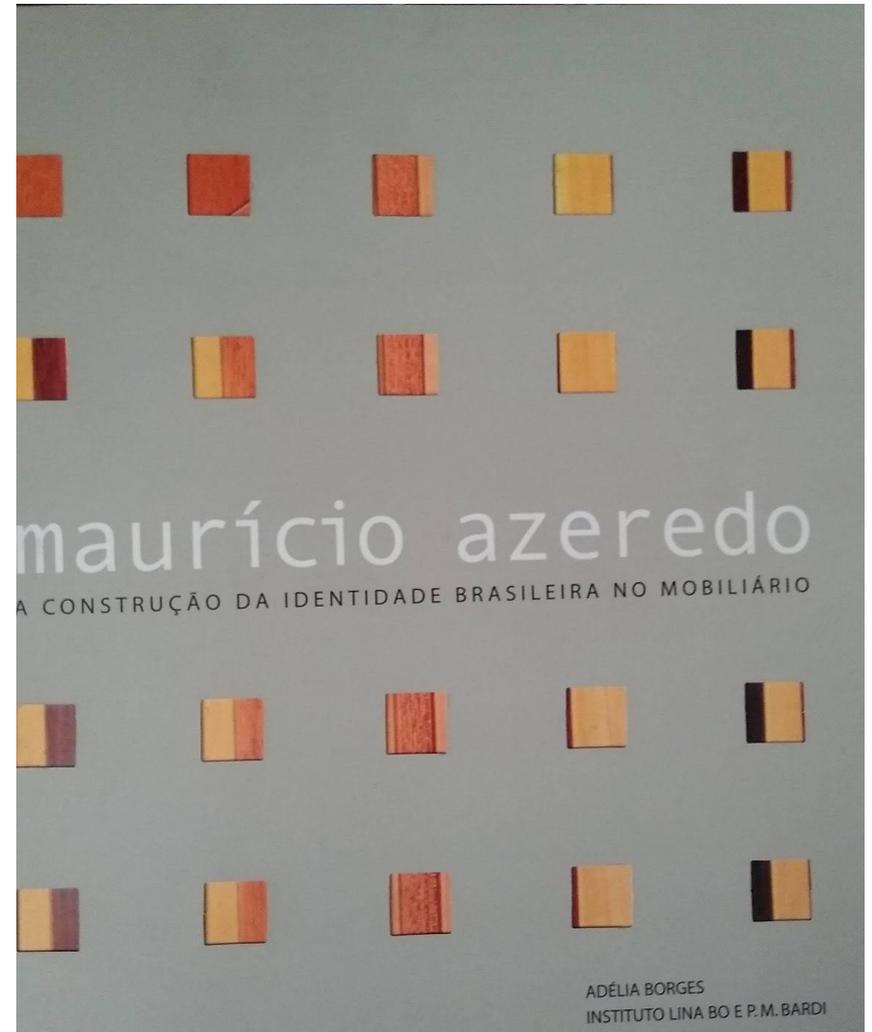
Desenho de concepção

Portfolio S
Product Design

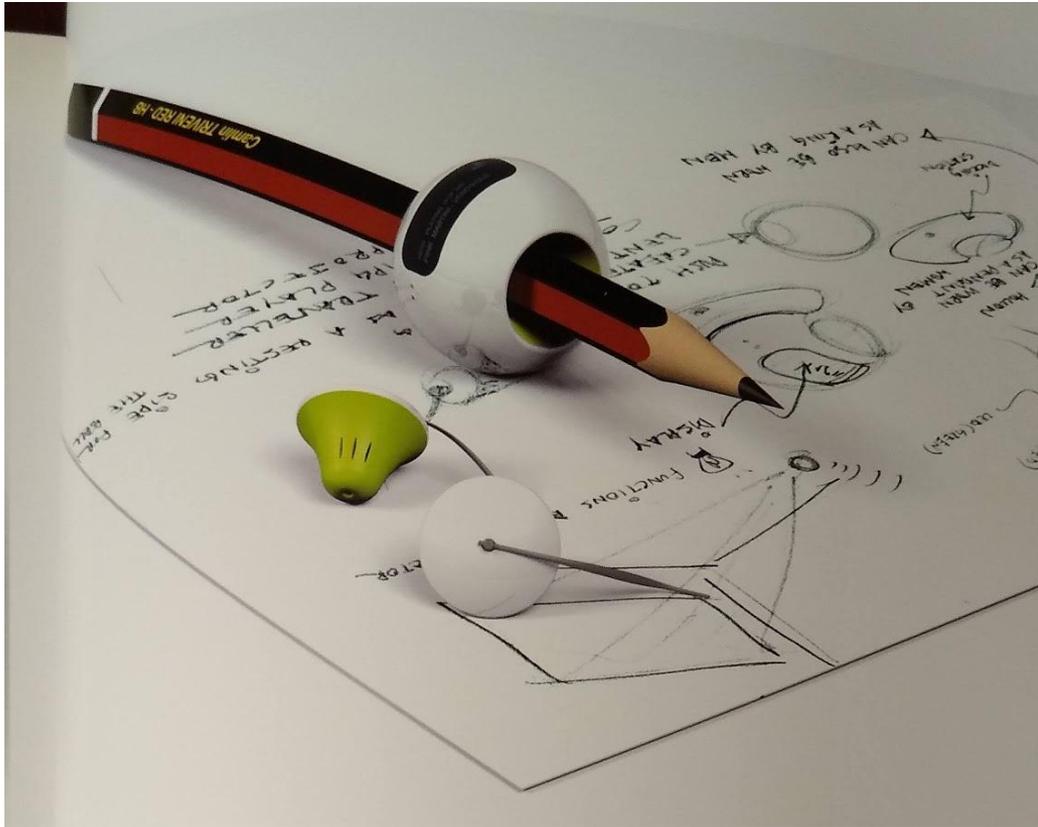
RESEARCH METHODS FOR PRODUCT DESIGN

Alex Milton
& Paul Rodgers





Ênfase que é necessário dar ao desenho



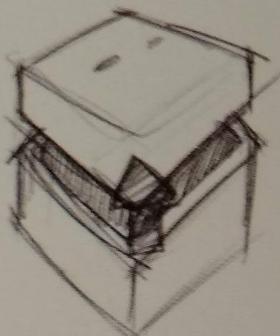


GET TO
PASS THE WING

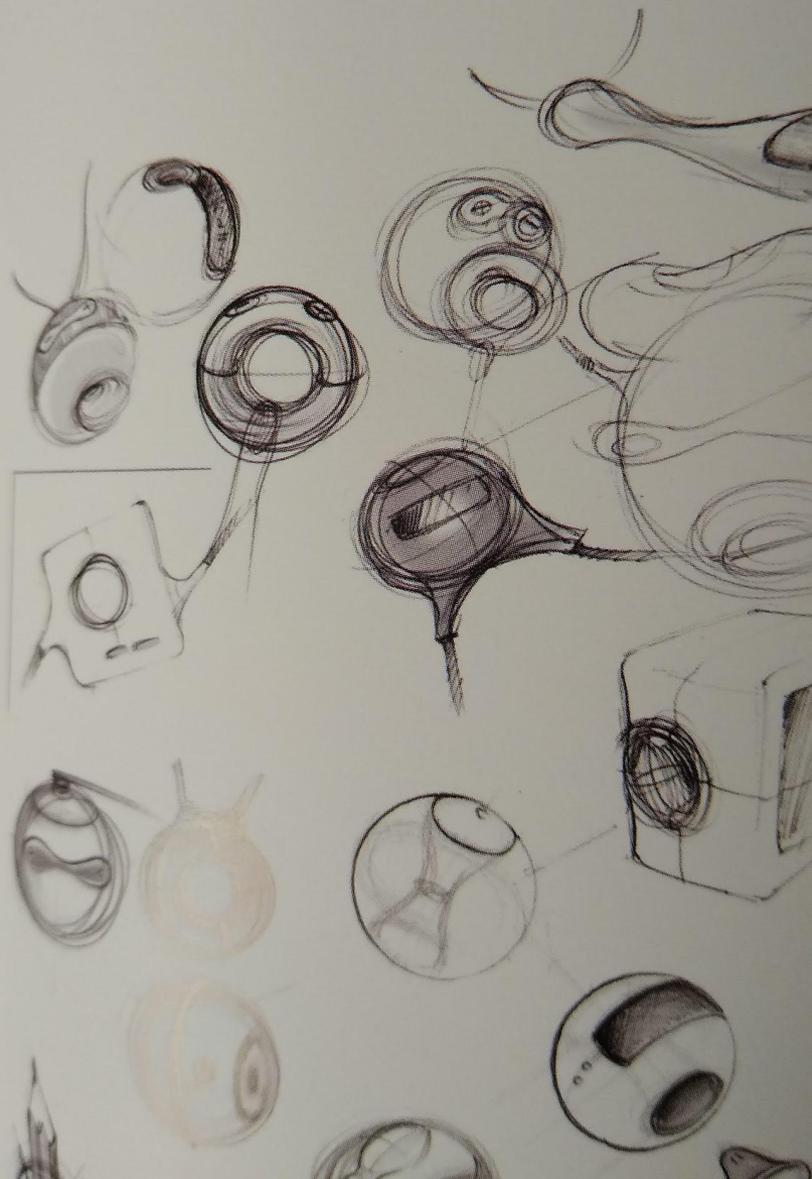


WAKE UP
TO SEE THE
THING AROUND*

*CONTROL THE VTS!



MOTION SENSOR



Pensando a forma

Plantronics Pulsar

One & Co (2006)
www.oneandco.com
hello@oneandco.com



Plantronics Pulsar are headphones that work by a voice and data transmission system between Bluetooth devices. Besides the fact that the headphones can be connected wirelessly, the user can switch between the mobile phone and the iPod by pushing a

button. Designed for music lovers who are able to access their mobile phone with a switch of a button, Plantronics Pulsar ensures you never miss a beat.



PLIP 14

PATRICK - HOSATAI - MICR - DISPOSE

Product

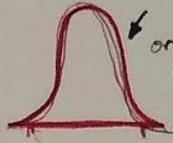
Accessories

M-W (COLORS)

M-W (MATERIAL)

FROM 5 - 0 PATRICK WEIGHT
HOW PER LIGHT

▷ FIT
▷ DISTANCE



①



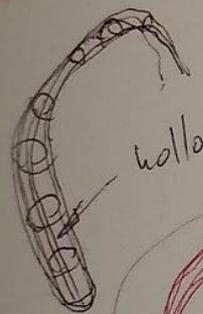
JVC

forward

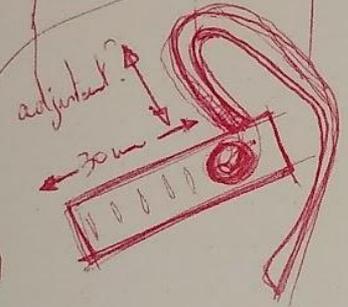
SONY CANAL
MICROPHONE

ON EAR | IN-CANAL | IN-EAR

FIT ▷ WIRE FIT

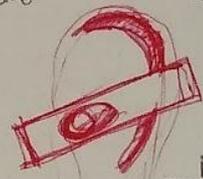


hollow?



adjusted?

30mm

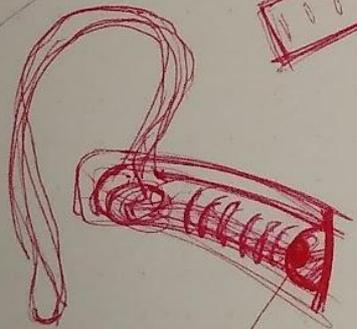


②

1974	RENEW
2300	PLASTIC
	STRAP

CLEAR RUBBER

- ▷ CONTACT
- ▷ SM CONTROL MODULE?
- ▷ LB
- ▷ CRADLE + charger + boot
- ▷ SWITCHE OR PUSH BUTTON?
- ▷ + LED LOW BATTERY



WIRE



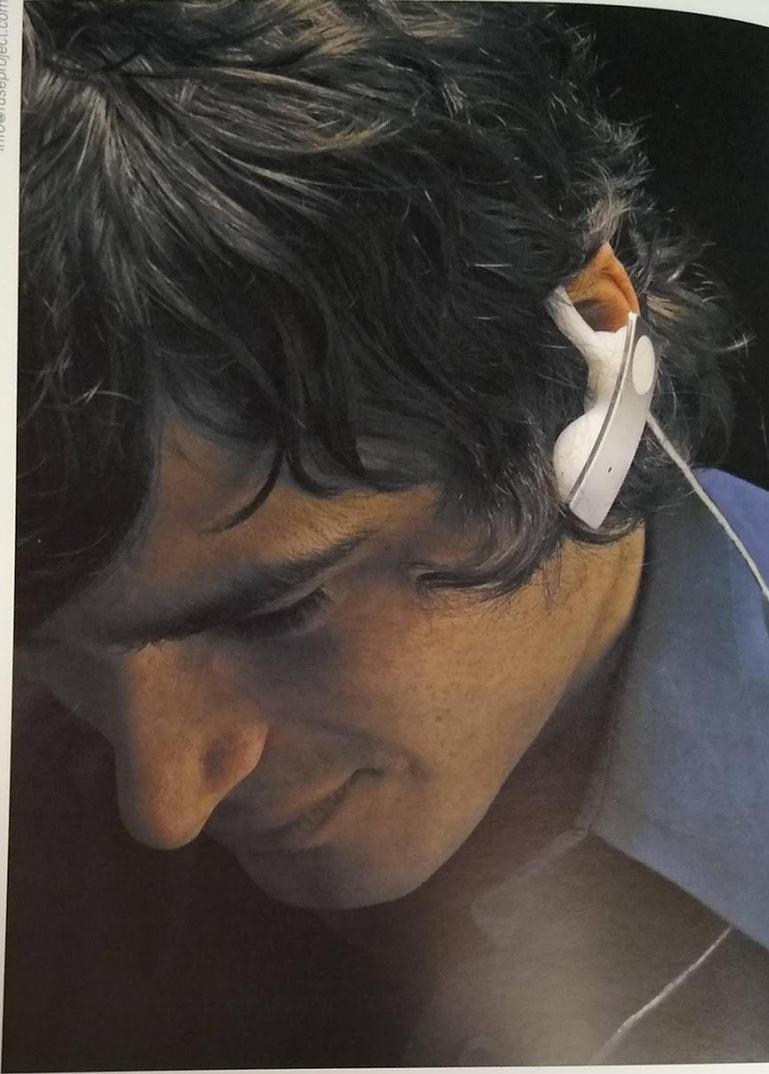
Previous sketches. The objective was to design a industry changing product and...

Jawbone

Fuseproject (2008)

www.fuseproject.com

info@fuseproject.com

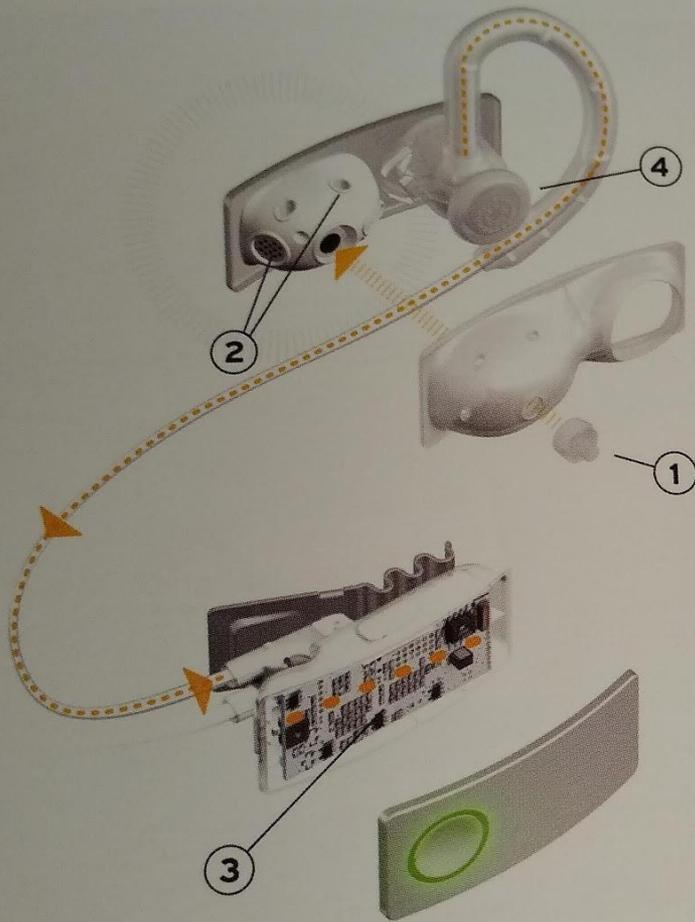


Because of its noise suppression technology, the Jawbone earphones can be used in the noisiest environments. Comfortable and lightweight, the Jawbone has a stylish design that transforms it from a technological device and into a fashion accessory. Directed at a market sector interested in new technology,

but also in avant-garde design, Jawbone was a benchmark in the high technology market. Jawbone was awarded in 2008 by the iF Product Design Award of the Sparks Awards, and was named Best Bluetooth Headset by the iF Product Design Award the same year.

Process

- press on cheek when speaking
- cancel out background sounds
- (clip) subtract unwanted
- speech, allowing it to stand out from background

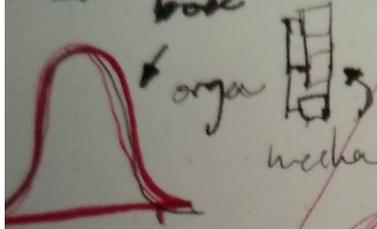
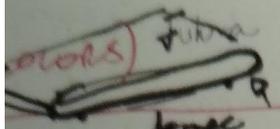


Two streamlined buttons control all the functions of the headset and are discretely hidden underneath the outside shield. The shield itself is textured in a sound reflective relief.

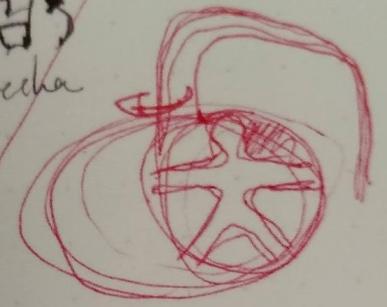
Aussor

Accessories

M-W (Marselite)

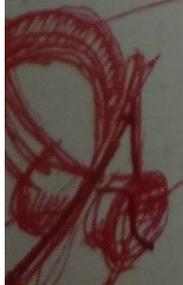


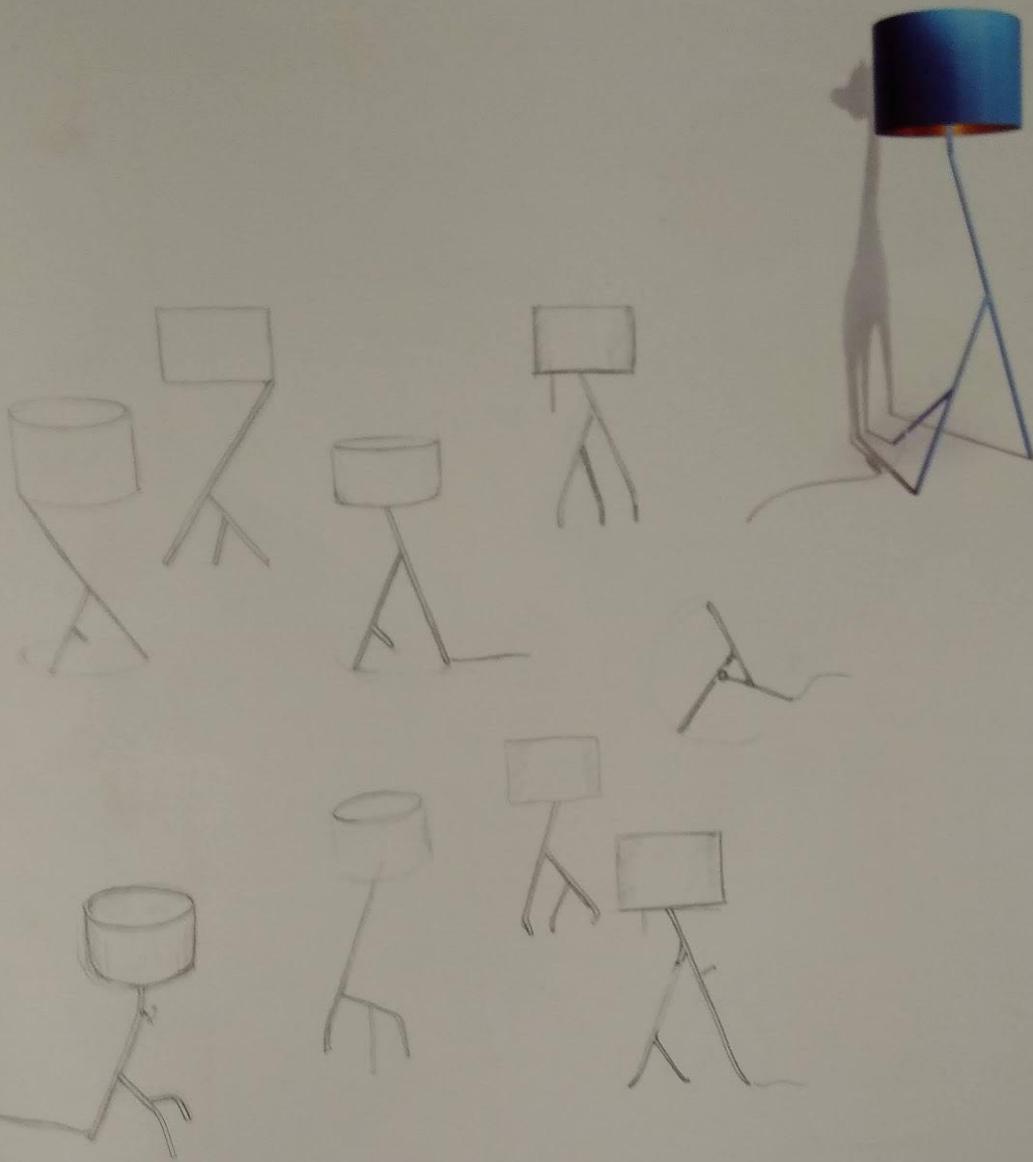
JVC
torus
nylon
to phone



1974 Review
23rd Presentation
STRATEGY

- CLEAR RUBBER
- ▶ CONTACT
 - ▶ SM control module?
 - ▶ LG
 - ▶ CRADLE + charger + base





Sketches from the design process of the Jirafa lamp after the general concept of the lamp was found.

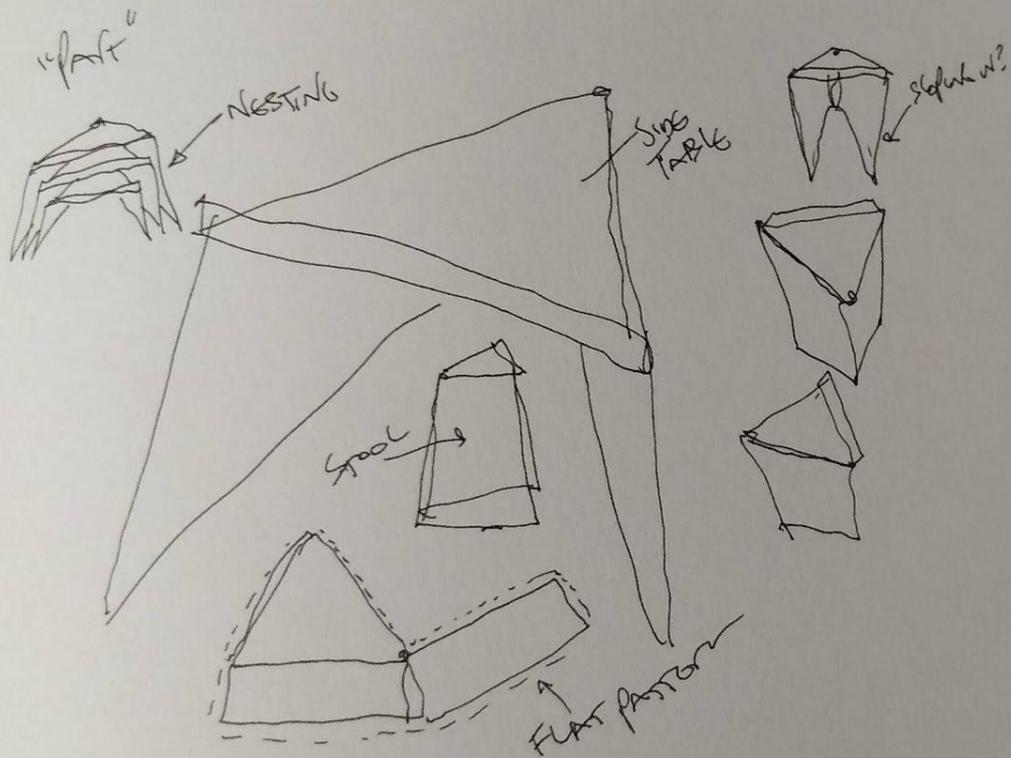


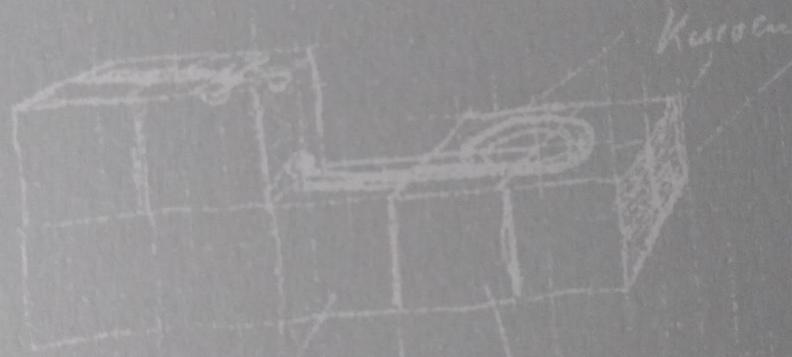
Fig. 1

Early concept sketches are quickly worked up into full-scale cardboard models by Stephen Burks during the design process for his Handmade Furniture tables. Burks believes working with full-scale models is crucial to understanding scale and usability.



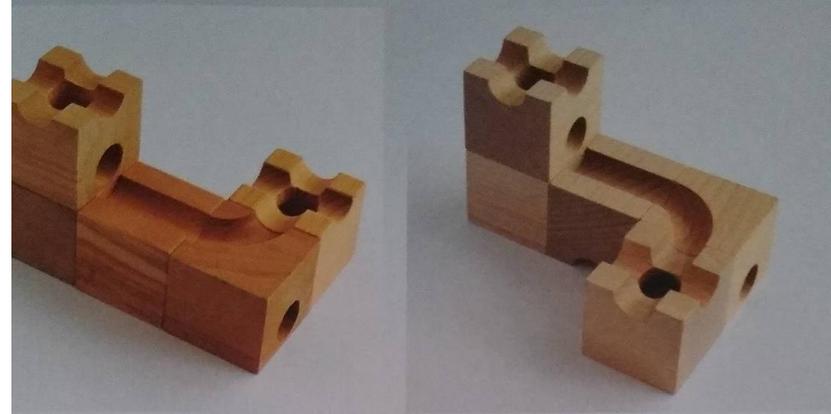
...ly rewarded
of the new construction,
y by watching the travel of
encouraging them to con-
tinuously new experiments.

*Beispiel für die besten
Konstruktion.*



demerz Sack für die

*zum ansich
nächsten durch
mass bloß*



NAME: Combinable Ball Path
OF DESIGNER: Matthias Etter
PUBLISHER: cuboro AG
DATE OF DEVELOPMENT: 1986 (current model), 1976 (prototype)
MATERIAL: beechwood
MINIMUM RECOMMENDED AGE: 5 years and upwards



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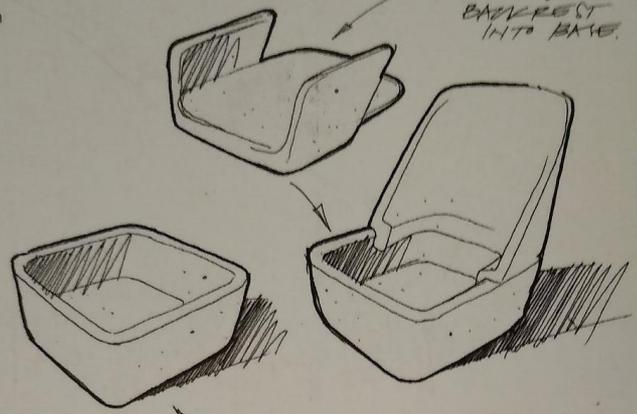
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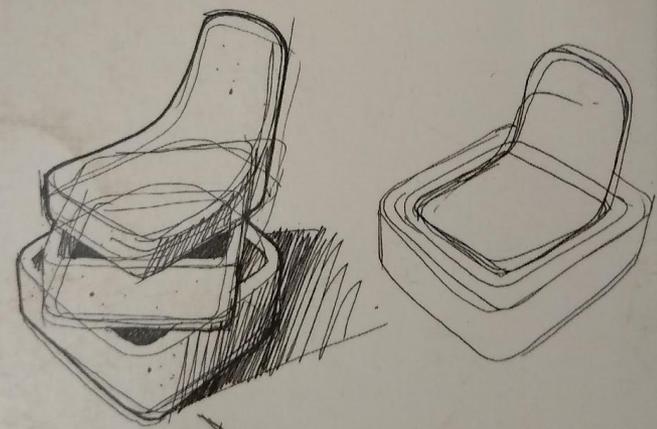
ward for
nar,

bsite at

SEAT PAN &
ARMS LOCK
BACKREST
INTO BASE.



BASE CAN ALSO BE HOT STOOL
& L. SPREADS W/ DIFF. TIP.



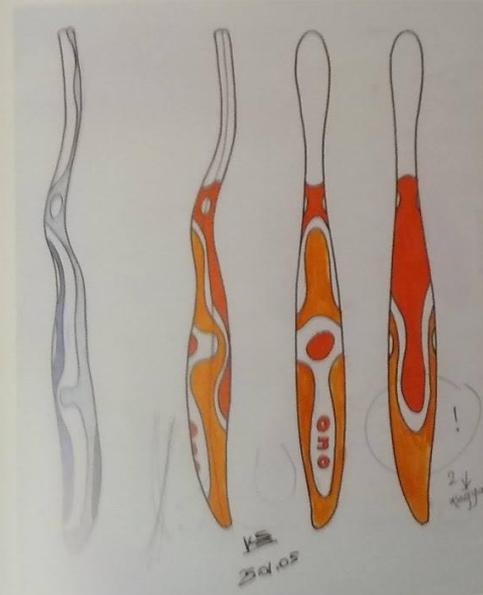
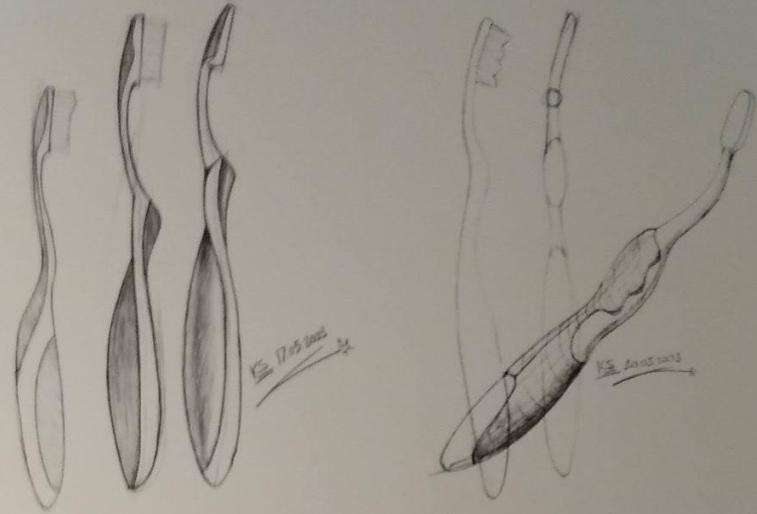
Moulded
CONCENTRIC
& THIN
STACKED ON
TOP OF EACH
OTHER.

Banat Toothbrushes

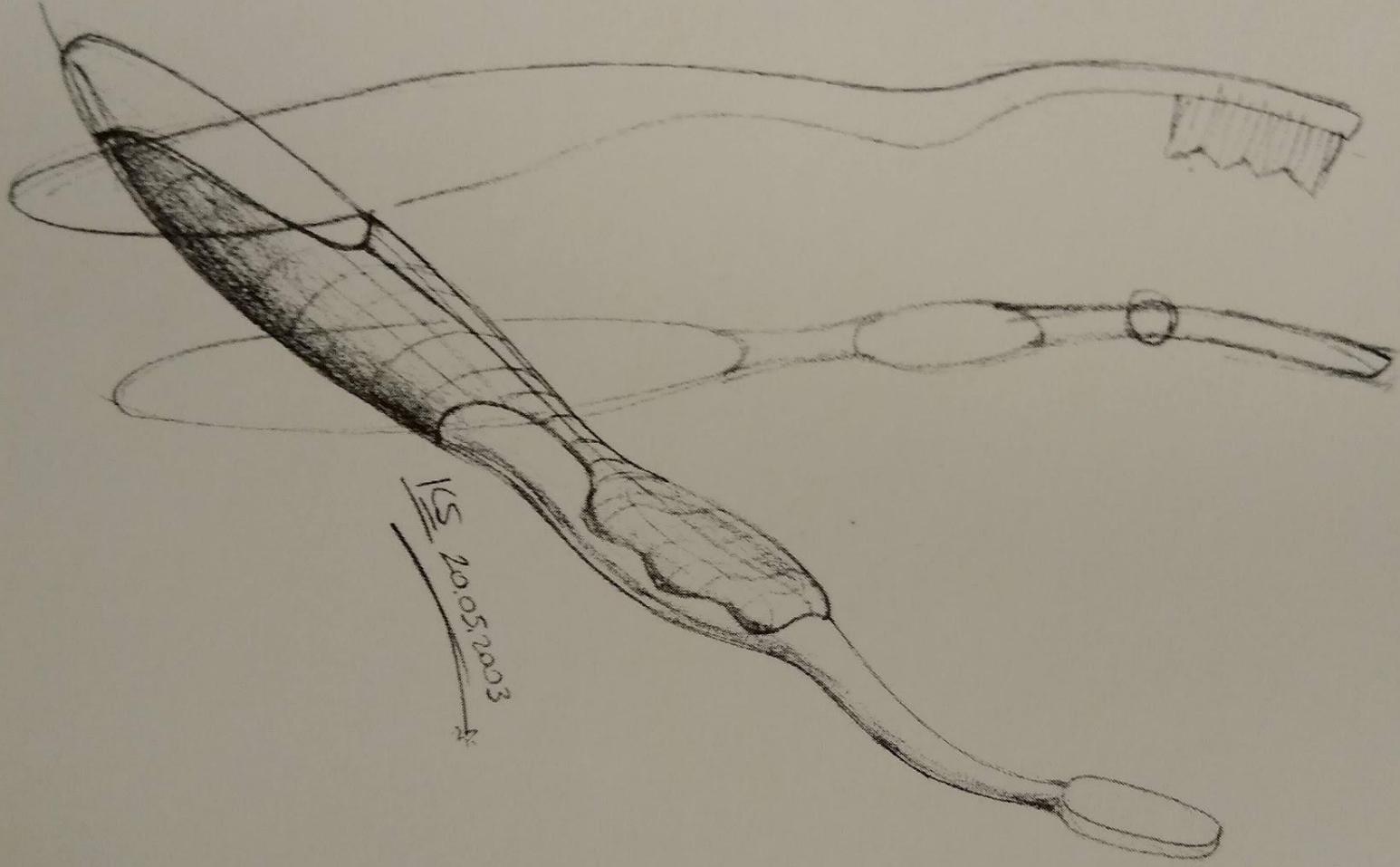
Kilit Tasi Design (2005)
www.kilittasi.com
info@kilittasi.com



Acrobat, Sweezy, and Tri-Action toothbrushes, designed by Kilit Tasi Design, feature a series of technological innovations that have revolutionized the normal standards of this type of product. The model seen here has two "handles" that secure the brush vertically to the edge of the glass, helping the water to easily so the brush more hygienic. The handle guarantees a perfect grip, keeping the user's hand from slipping.



The toothbrushes seen here are inclined at different angles, allowing the bristles to reach parts of the mouth that would not be reached if they were parallel to the handle.



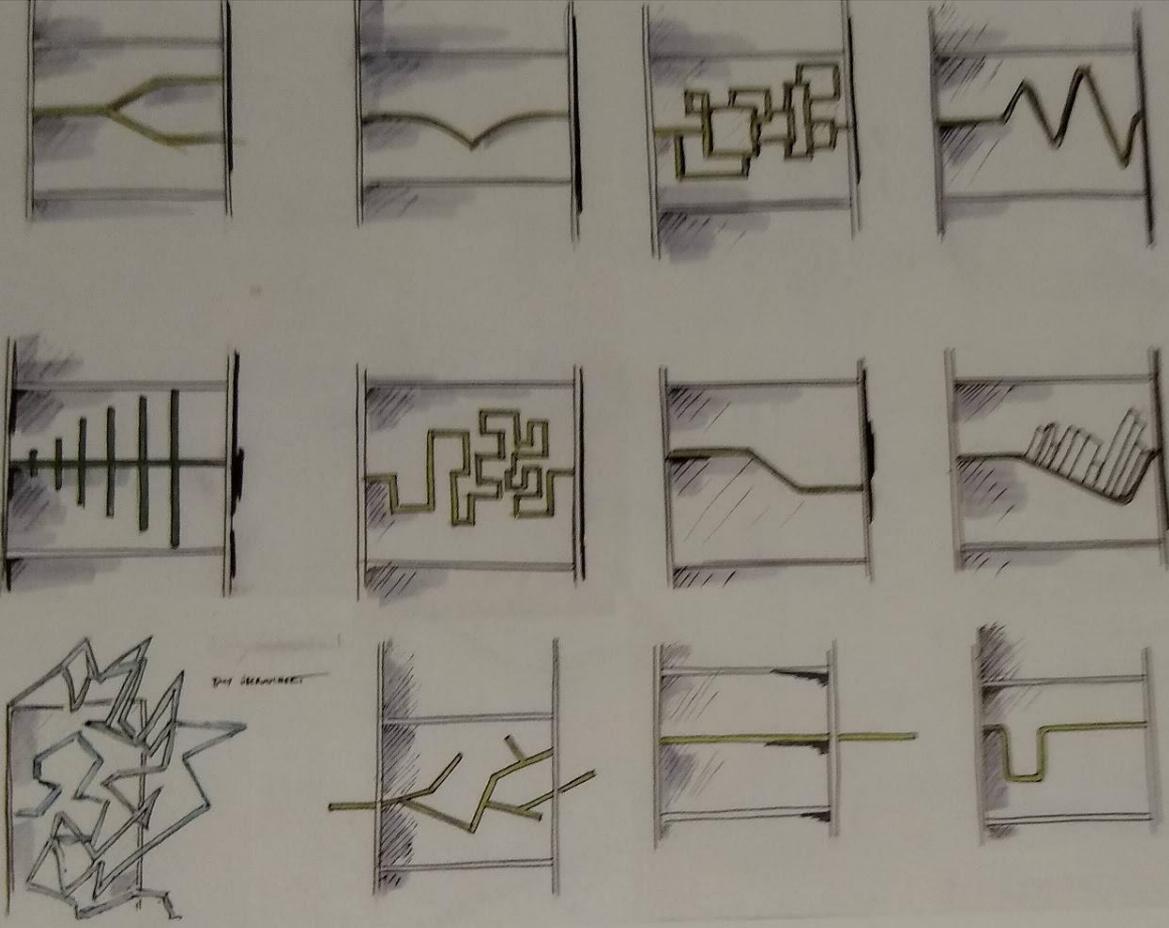
15/20.05.2003
*

Billy Wilder

ding3000 (2005)
www.ding3000.com
info@ding3000.com



As a tribute to Ikea's Billy shelf, which has sold more than forty-two million units worldwide, ding3000 launched the Billy Wilder. Inspired by the sharp twists and turns of tree branches, the Billy Wilder is jauntily chaotic—the perfect storage spot for unorganized books and magazines. In a sense, the playful, moristic approach to the phrase “our daily mess”



Das ist ein...
 (faint handwritten text)

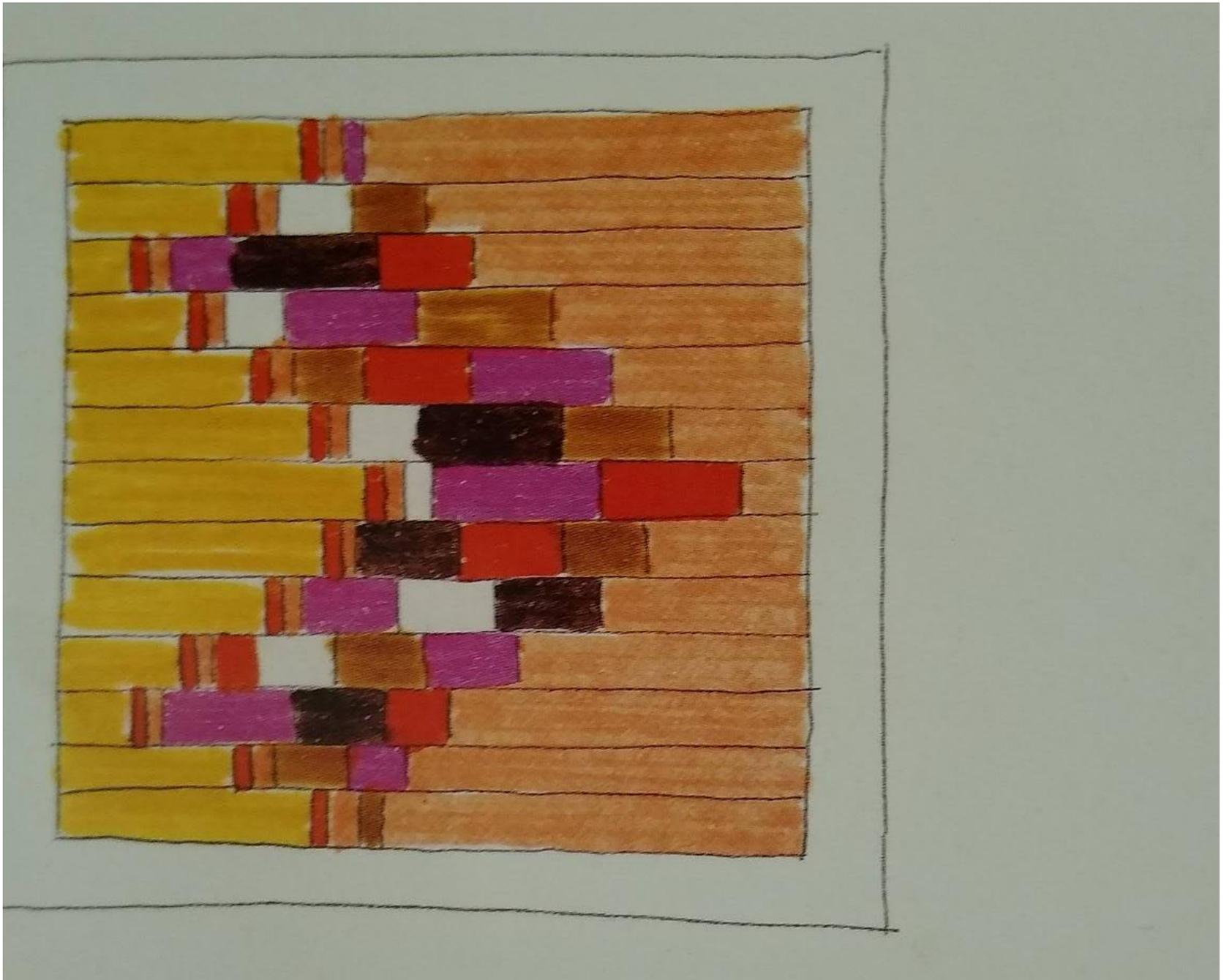
Möge zu Kasse /
 Struktur
 Post
 (faint handwritten notes)

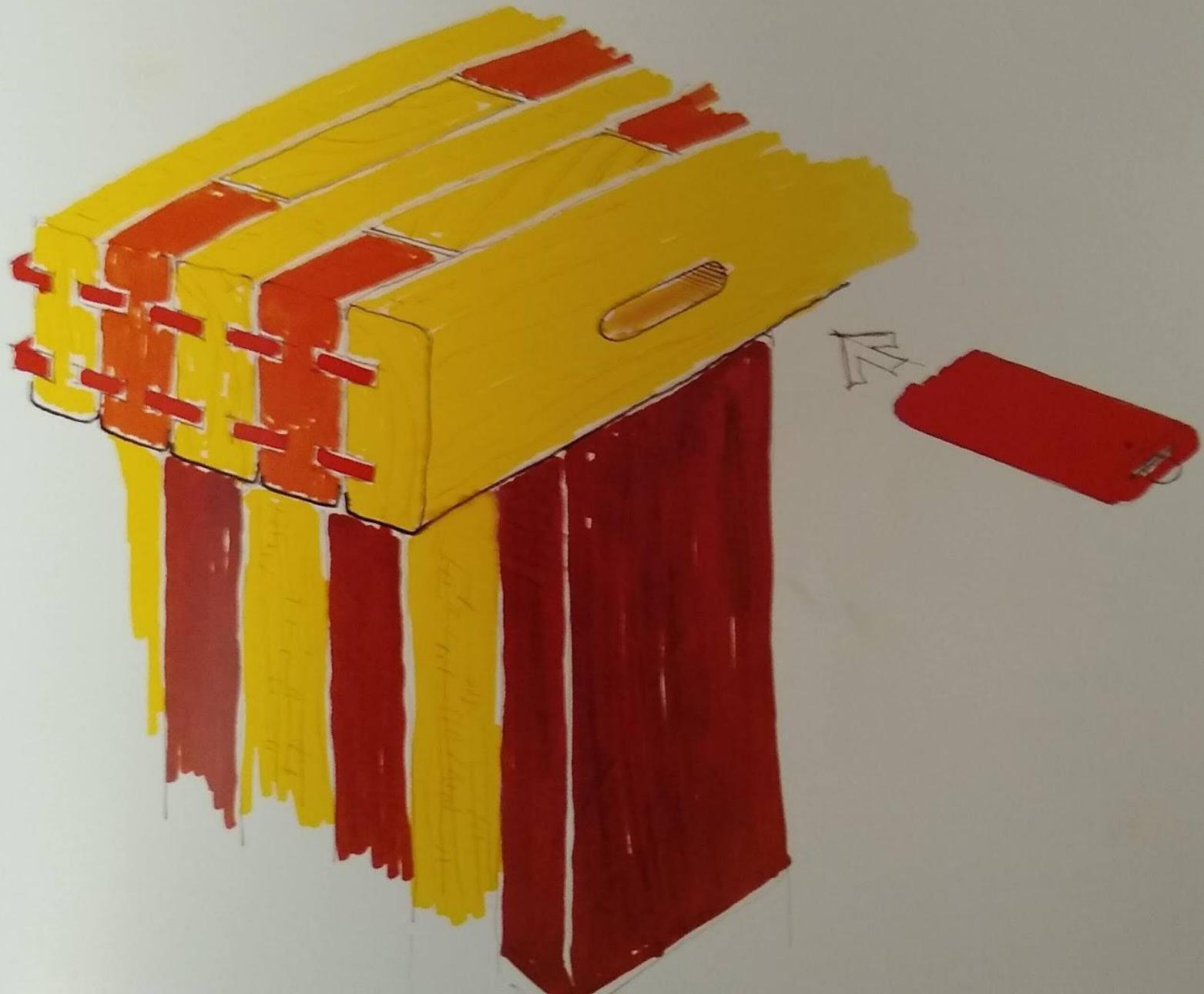




drawings and sketches are transferred to 3-D. The designers are then able to adjust the proportions and overall shape before making a physical model.









Águas de Março, 1986

Como as águas que a nomeiam – numa homenagem ao compositor Tom Jobim –,



3YE

Eschel Jacobsen (2008)

www.eschel.com
jacobsen@eschel.com



3YE (third eye) replaces the walking stick by transforming visual input into physical information, creating a tactile vision for blind people. With 3YE, it's possible to record a route and be guided physically by this information if the user wants to go to the



same destination again. It was the to strengthen the user's non-work was important that this shouldn't senses, like hearing, smell, etc. T rently exists as a test model.

