

AUP2002 Projeto Integrado  
Profas. Denise e Sara  
2021

# COMUNICAÇÃO

# Tipos de Desenho

## → Conceção

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

# **Outras etapas de detalhamento do produto**

**desenho esquemático**

**rendering**

**desenhos técnicos**



**Product  
Design Now:  
Renderings**

Cristian Campos

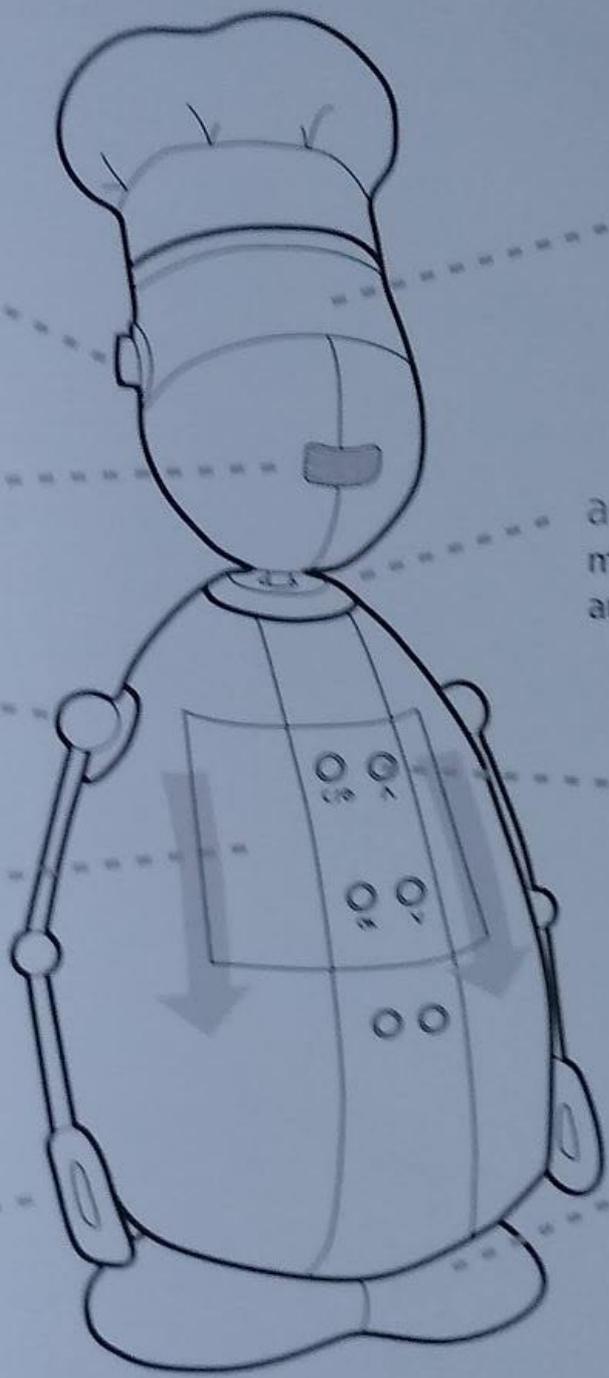
microphones in the ears  
navigation by voice

loudspeaker

active arms  
moveable by a ball-  
and-socket joint

display  
recipe will be displayed,  
covered by a lid when  
not being used

moveable hands



eyes  
visor with motion detector

active head  
moveable by a ball-  
and-socket joint

4 buttons  
⏻/cancel, OK,  
navigate up and down

active body  
the body moves around  
both rotating and tilt

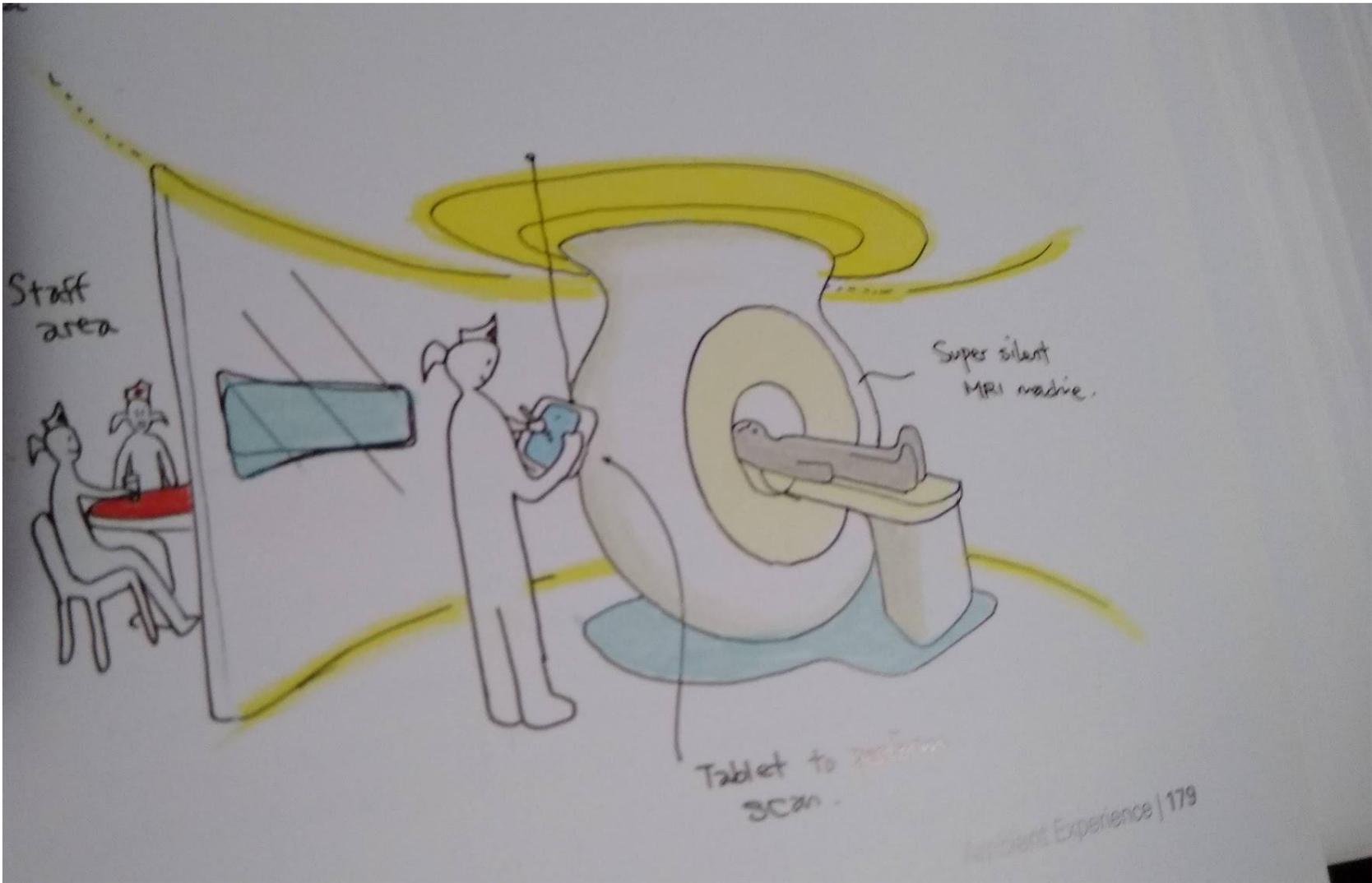
# Ambient Experience

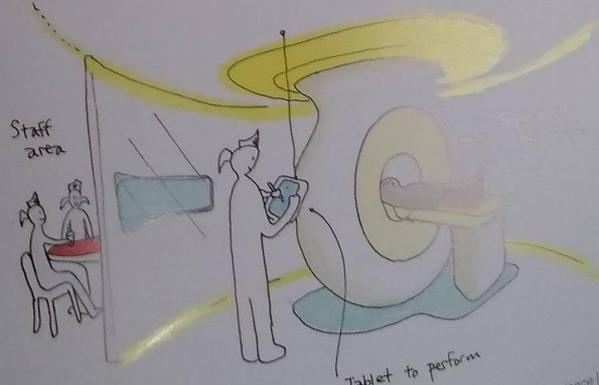
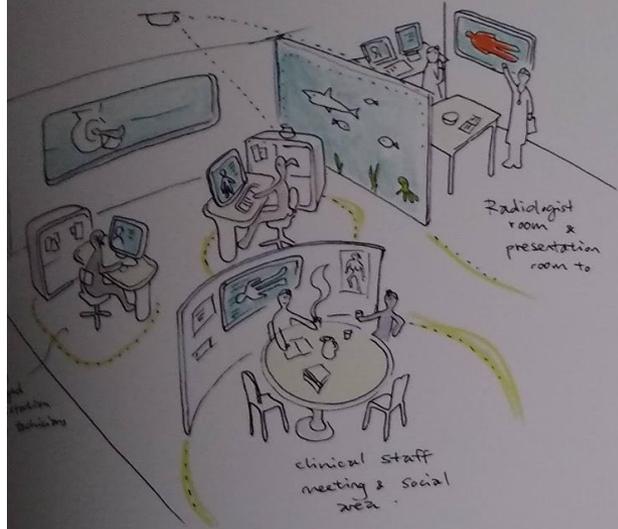
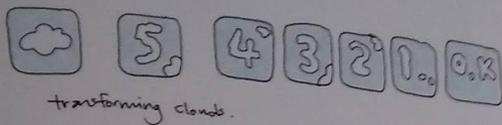
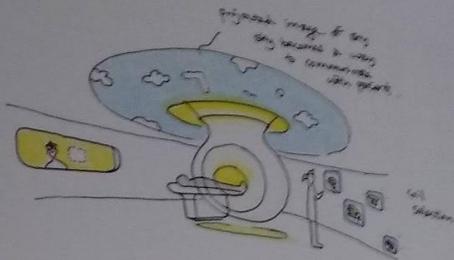
Stefano Marzano, Design Team (2005)  
www.design.philips.com  
info.design@philips.com



Going for a brain scan can be a stressful experience. The magnetic resonance imaging (MRI) equipment is imposing, and patients are alone in the examination room. The Ambient Experience for Healthcare is a complete multimedia environment that adapts to patients. When

patients enter the MRI, the environment of match their personal needs through specific Music and images are displayed, and adjust the whole lighting and ambience are





...bers in bubbles denote the  
... the start of the scanning.  
... preliminary sketches of the

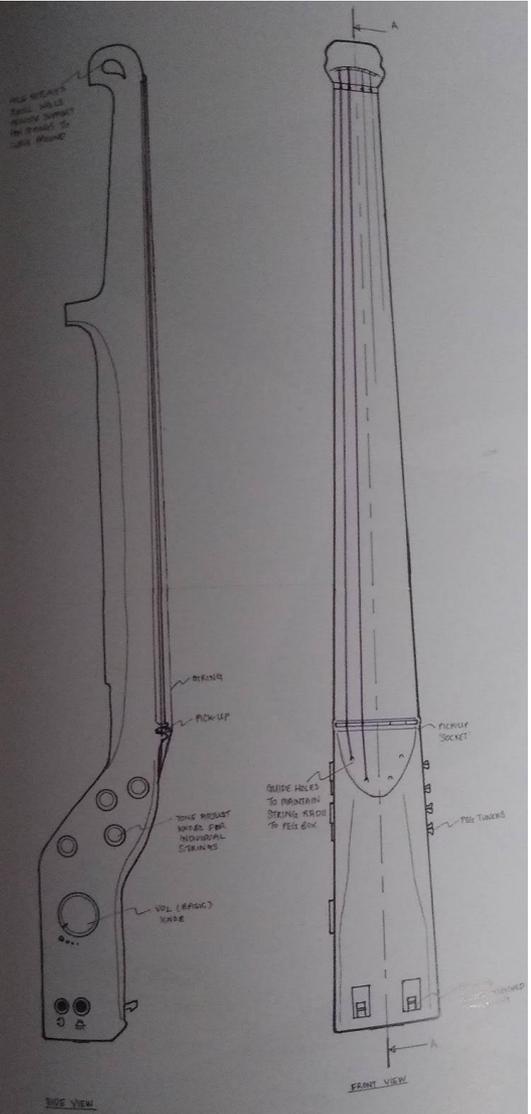
# Ergonomic Violin

Tricia Ho (2006)  
tyche83@hotmail.com



The Ergonomic Violin is a high-range electric violin made using carbon fiber. It can be customized with different exchangeable frames, making it adaptable to any user's needs. Manufactured with polymer that adapts to the shape of the user's neck, the violin also

comes equipped with a self-supporting neck so that users play the instrument without resting it on the chin at all. The support piece can be customized to accommodate as many times as desired.



SIDE VIEW

FRONT VIEW

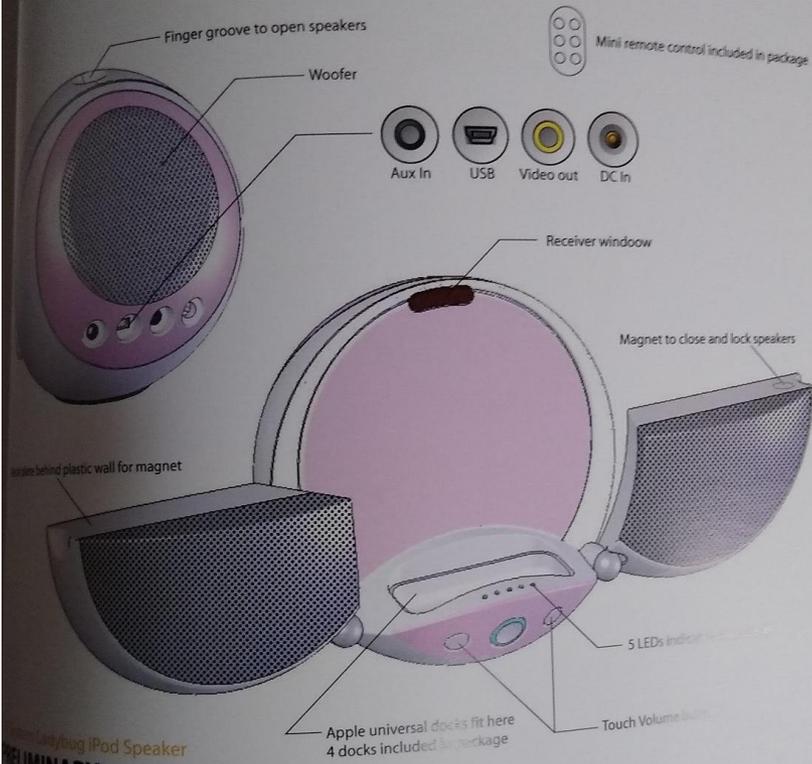
# Ladybug iPod Speaker Dock

Myk Lum, Yoon Kim/LDA (2007)  
[www.lallic.com](http://www.lallic.com)  
[myk@lallic.com](mailto:myk@lallic.com)



Specifically designed for the adolescent market, the Ladybug iPod Speaker Dock is a loudspeaker station for the iPod. Varnished with a layer of metallic paint,

the foldaway wings of the loudspeakers allow the product its own personality and make it stand out in a saturated market.



Ladybug iPod Speaker  
**PRELIMINARY**

# Zon Hearing Aid

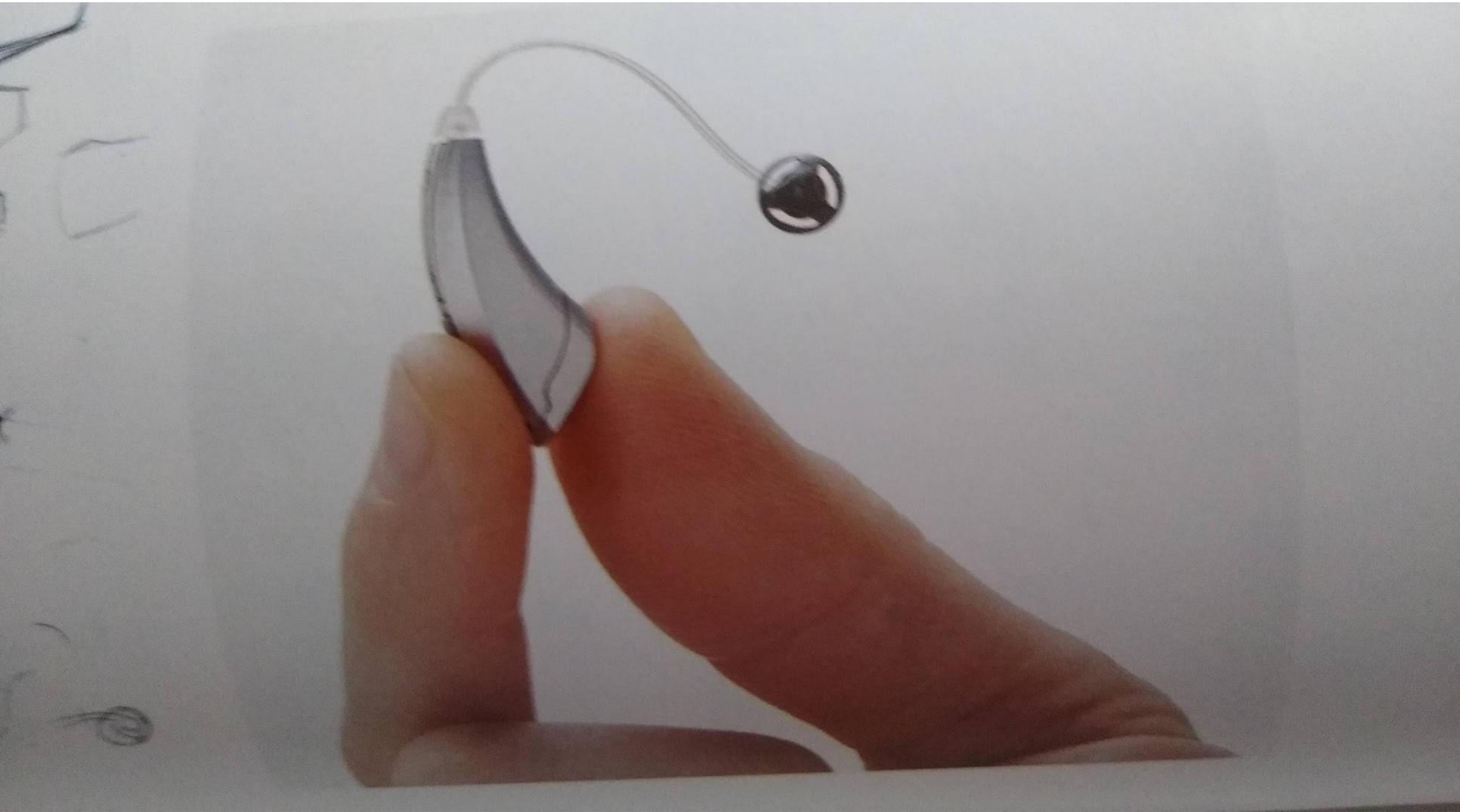
Stuart Karten Design (2008)

[www.kartendesign.com](http://www.kartendesign.com)  
[info@kartendesign.com](mailto:info@kartendesign.com)



Stuart Karten Design has changed the perception of the hearing aid with this modern and stylish design. With her innovative design, hearing aids have gone from being objects that help beat the stigma associated with hearing disabilities. Zon Hearing Aid has been

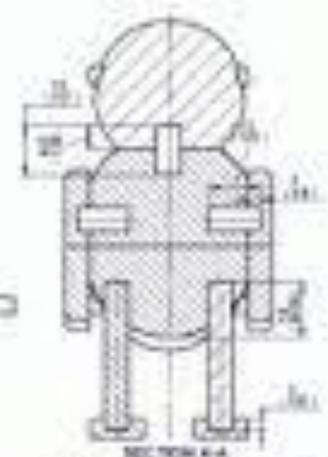
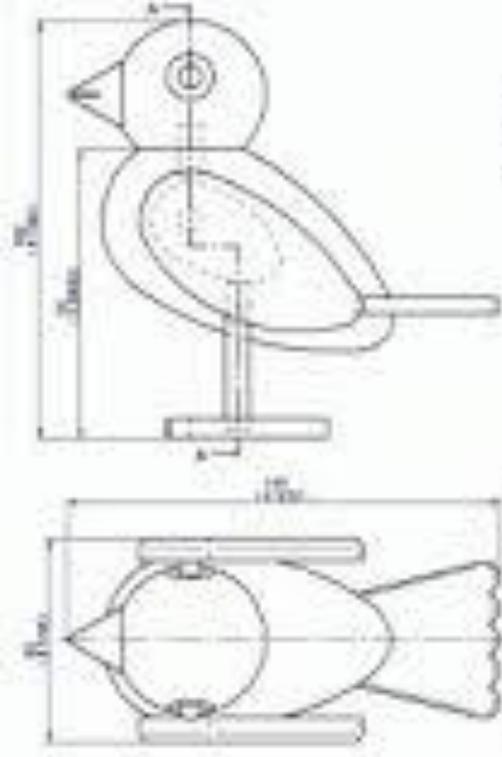
designed as a piece of jewelry and is bathed in metallic paint. With six different color tones to choose from, the hearing aid is designed to blend in as much as possible with the user's hair color. The sinuous shape is totally ergonomic and the device is virtually invisible once placed behind the ear.



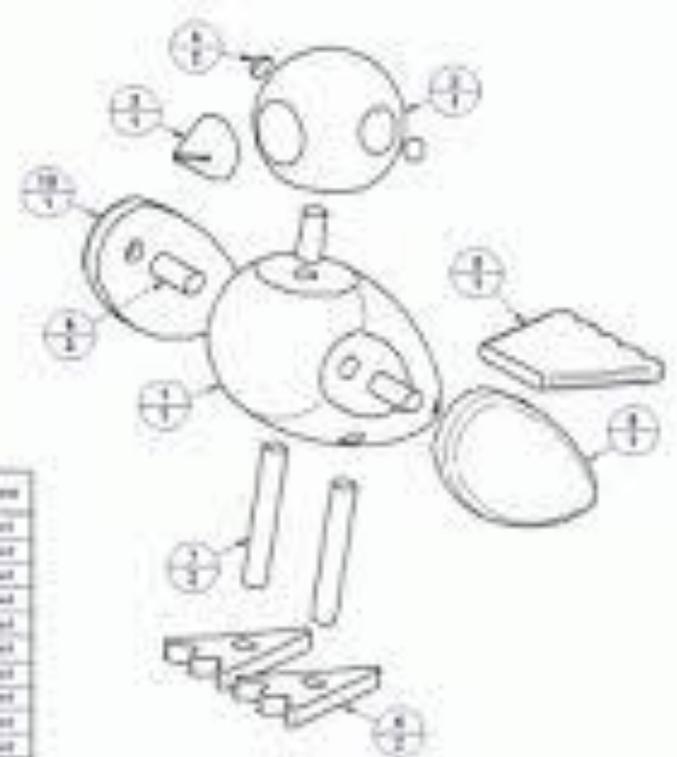


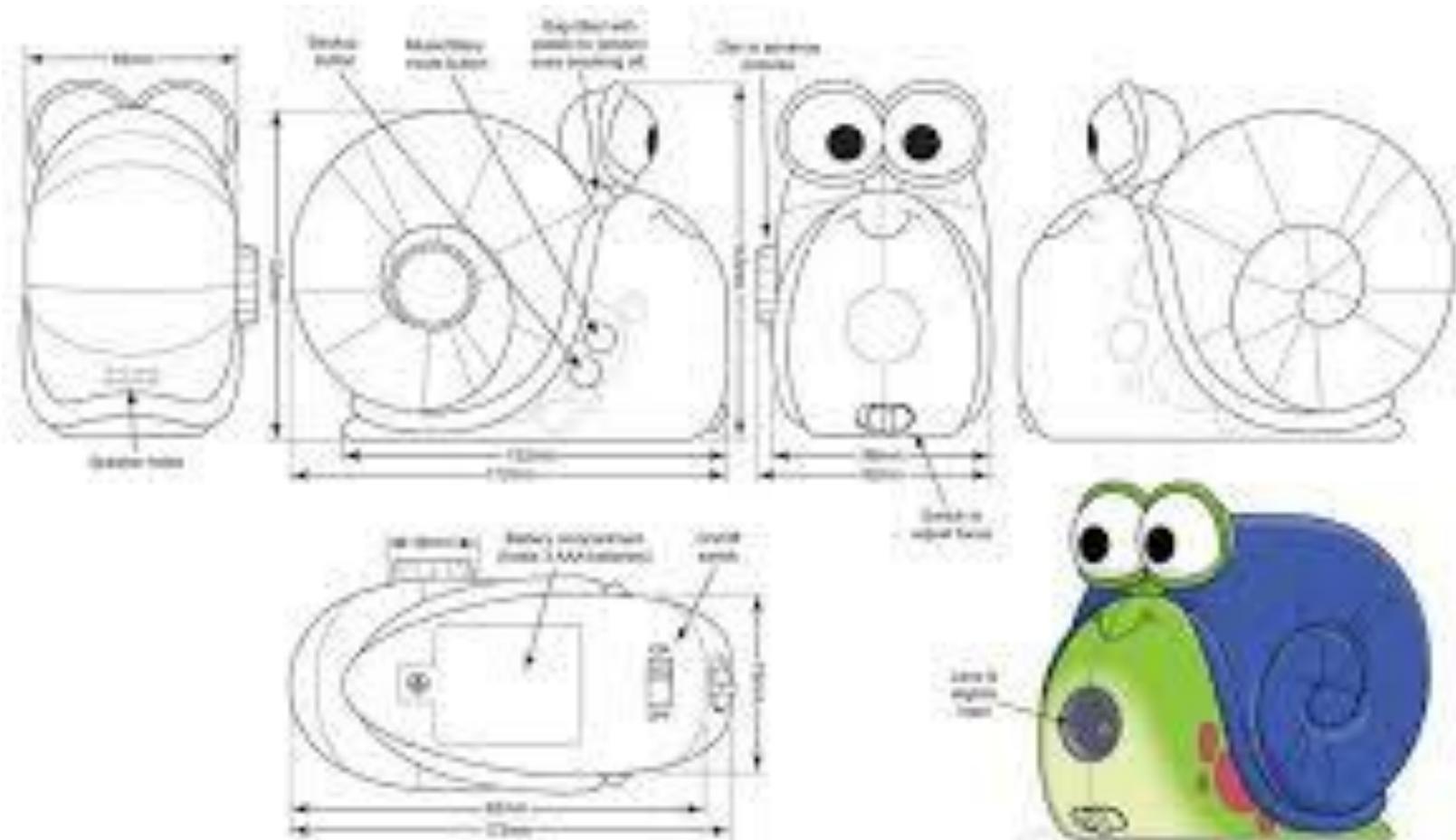
# Desenho Técnico



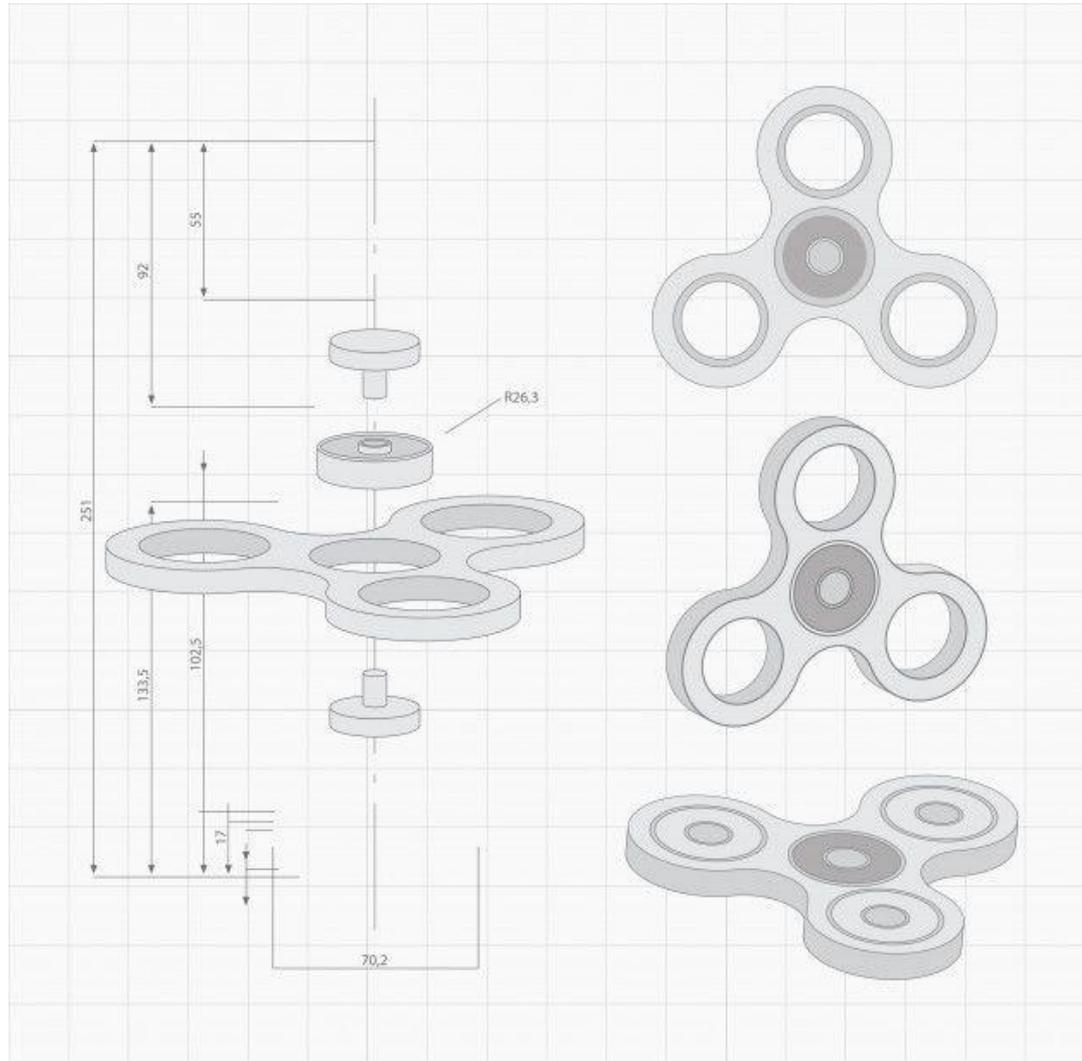


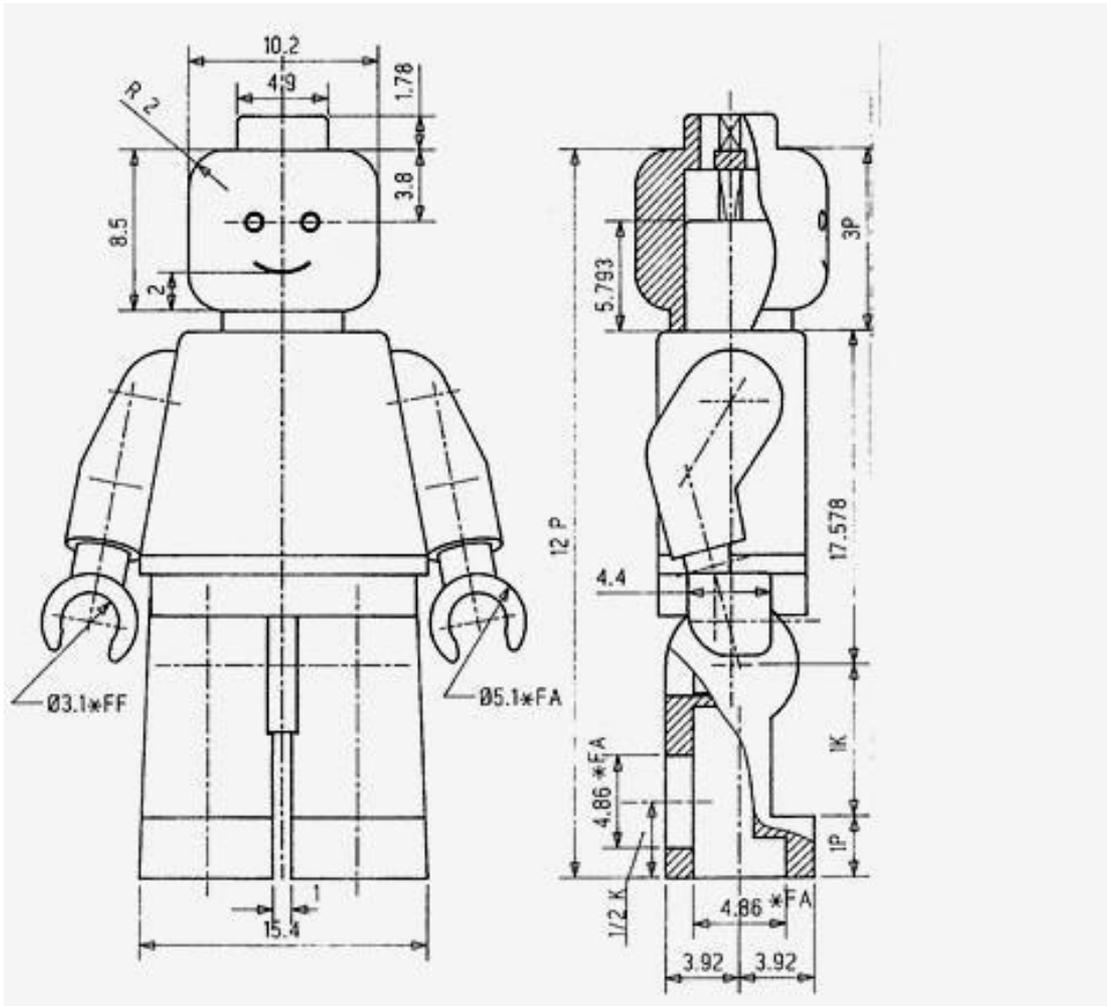
Part No.	Part Name	Quantity	Material
1	Head	1	Aluminum
2	Body	1	Aluminum
3	Tail	1	Aluminum
4	Legs	2	Aluminum
5	Wings	2	Aluminum
6	Beak	1	Aluminum
7	Eyes	2	Aluminum
8	Internal Rod	1	Aluminum











# Desenhos Técnicos

Prancha A2/A3 com carimbo

Mínimo 4 vistas (vista superior, vista inferior, vista lateral esquerda, vista lateral direita).

Um corte (que represente a parte mais importante do produto)

Não precisa (agora) desenhar cada parte do produto, apenas vistas do produto inteiro.

# **Norma Técnica**

GEDWEB USP

Portal águia, acesso com senha usp

NBR 10067 - essa é a geral

NBR12298 - cortes e hachuras

NBR8403 - linhas