

DESIGN

PORTFOLIO

PIERRE HENRY | **PRODUCT**
CLOITRE | **STUDENT**
DESIGNER

Pierre Henry, 24
Product design / Bellecour School of Arts / France

I am fascinated by extreme sports and
I love innovative technologies



WHY DESIGN AND INNOVATION?

Because design is looking forward for a better life !





aerogarden
INDOOR GARDEN

**HOW TO GROW
VEGETABLES HERBS AND
PLANTS
IN YOUR FLAT ?**

PERSONAL
PROJECT
4 WEEKS

phcloitre@gmail.com

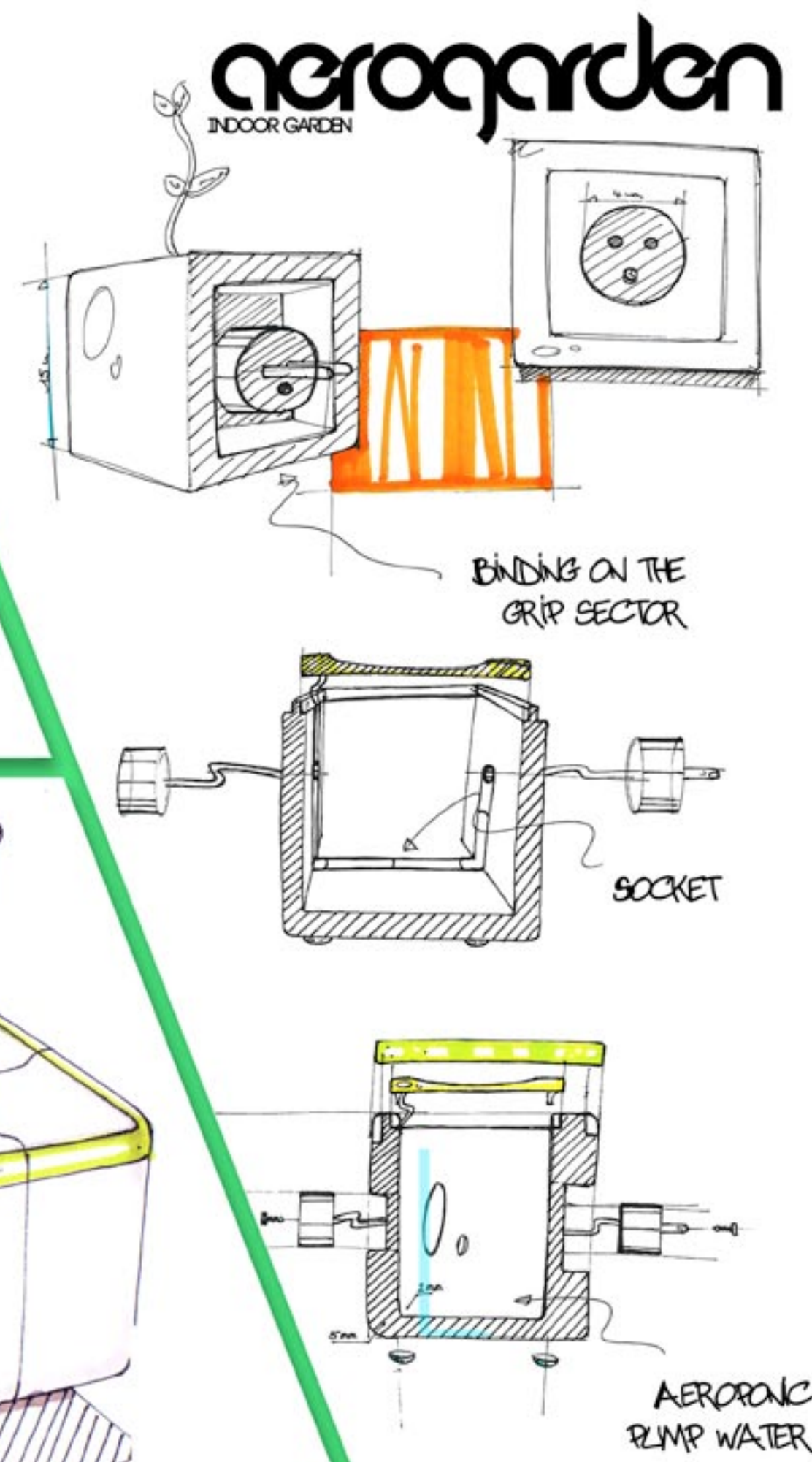
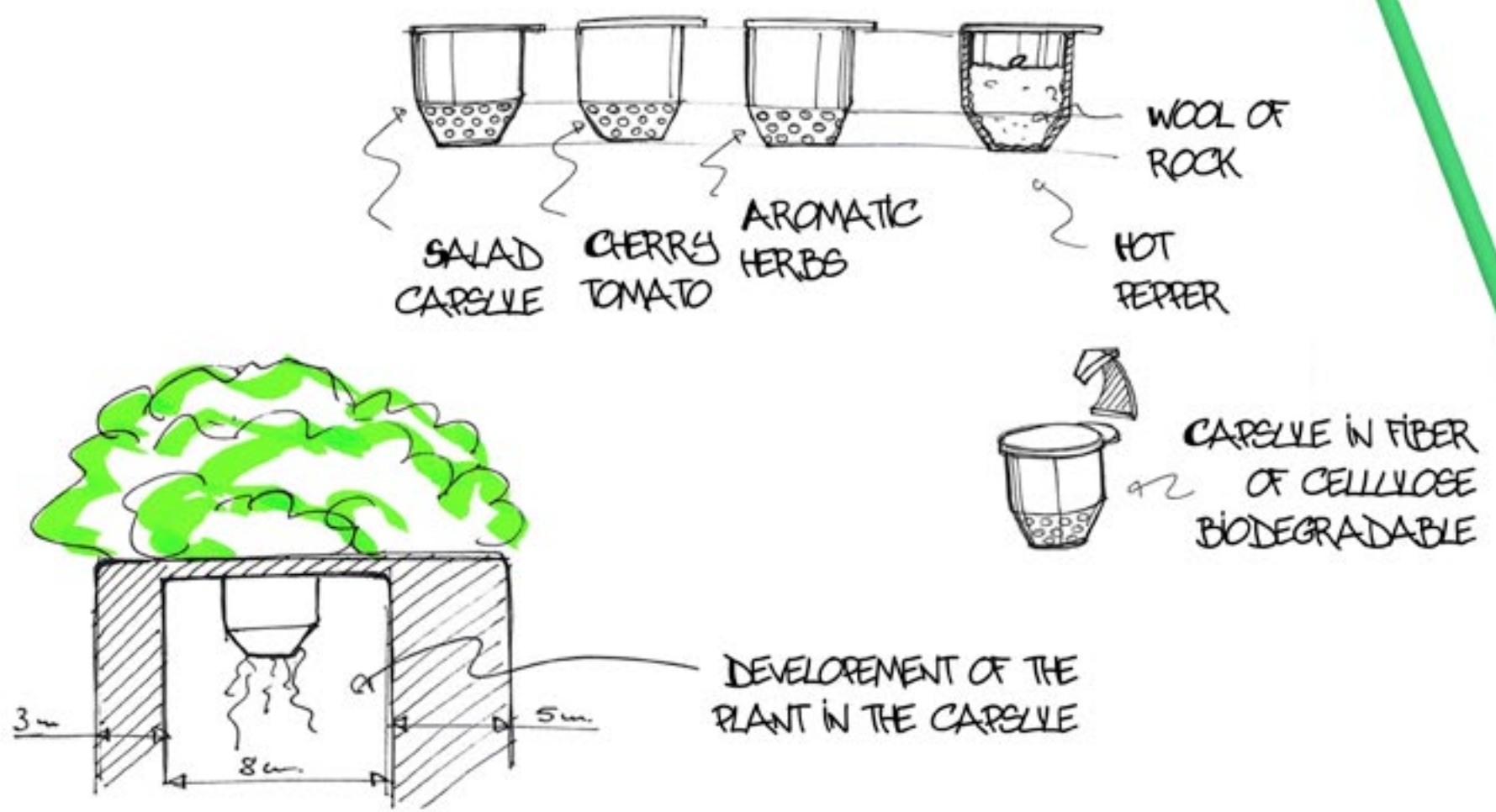


BRIEF

Today, 40 % of the French population living in town do not eat enough fruit and vegetables, thus is necessary to revisit the indoor garden, to incite people to buy organic products.

HOW TO GROW VEGETABLES HERBS AND PLANTS IN YOUR FLAT ?

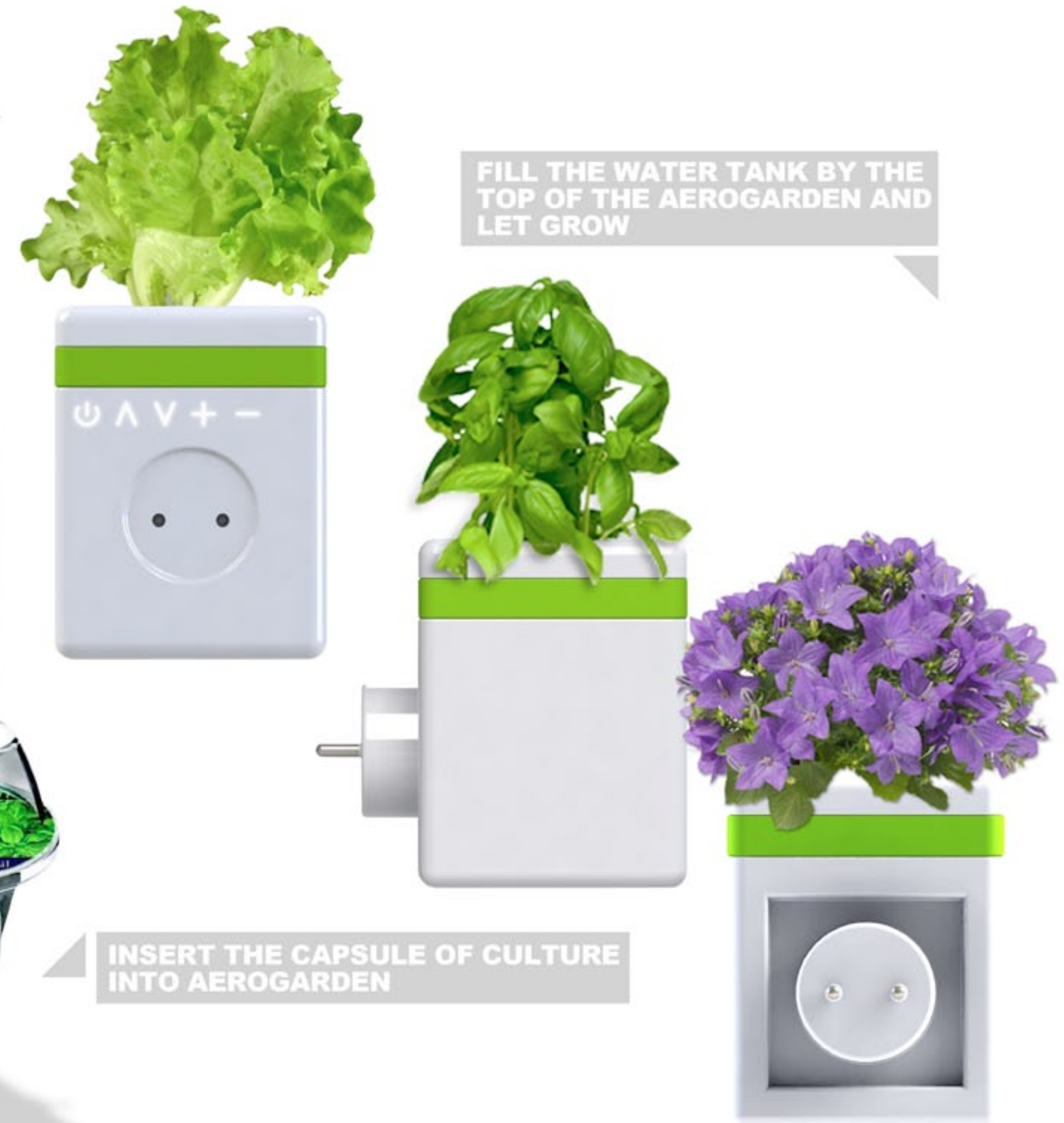




VERIFY THAT YOU SELECTED THE ADAPTED PROGRAM



FILL THE WATER TANK BY THE TOP OF THE AEROGARDEN AND LET GROW



INSERT THE CAPSULE OF CULTURE INTO AEROGARDEN

IDEATIONS
The aerogarden must be light, compact, easy to use, understandable...

CORK

helmet

**SAVE
CORK
SECTOR** | PERSONAL
PROJECT
4 WEEKS



phcloitre@gmail.com

BRIEF

The cork sector is meant to disappear to the detriment of the encapsulation of wine bottles. Thus is necessary to save the cork by finding a sustainable and innovative alternative

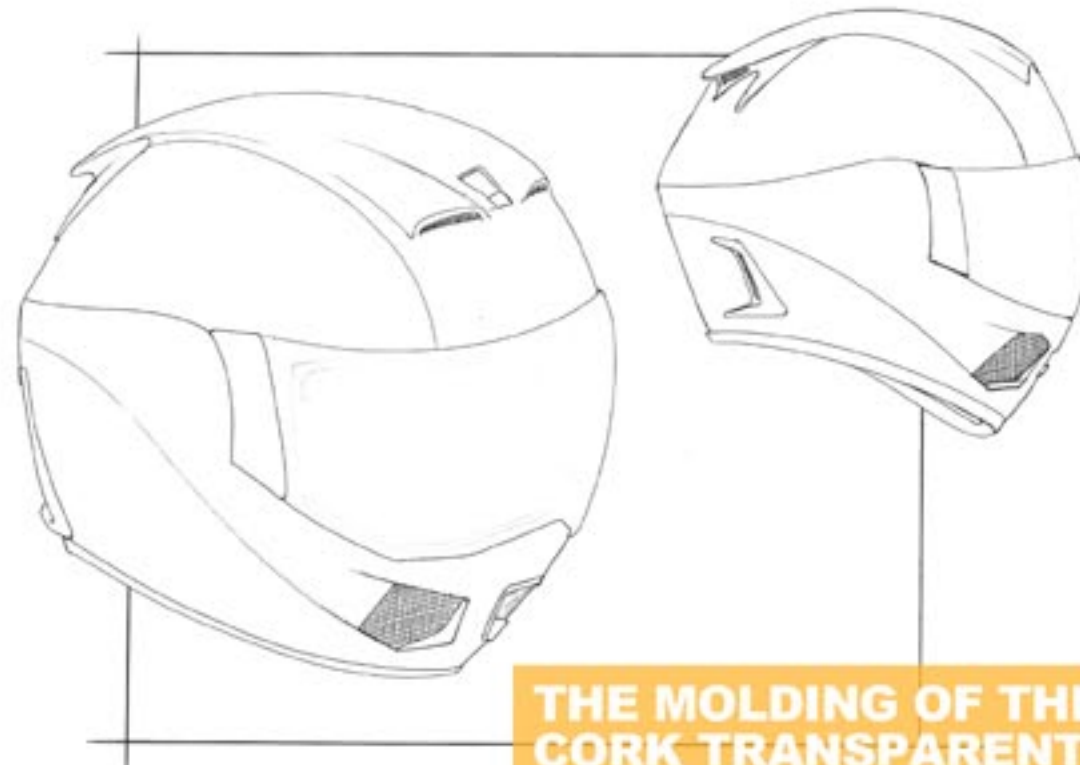
HOW TO PROTECT BIKERS WITH THE CORK ?



phcloitre@gmail.com



IMPROVEMENT OF THE CIRCULATION OF THE AIR INSIDE THE HELMET



THE MOLDING OF THE SHELL IN CORK TRANSPARENT ACRYLIC RESIN

MATERIALS

The polycarbonate is light and filters all the ultraviolet rays, it enhances characteristics of the cork to offer to the rider all the qualities that are required motorbikes.



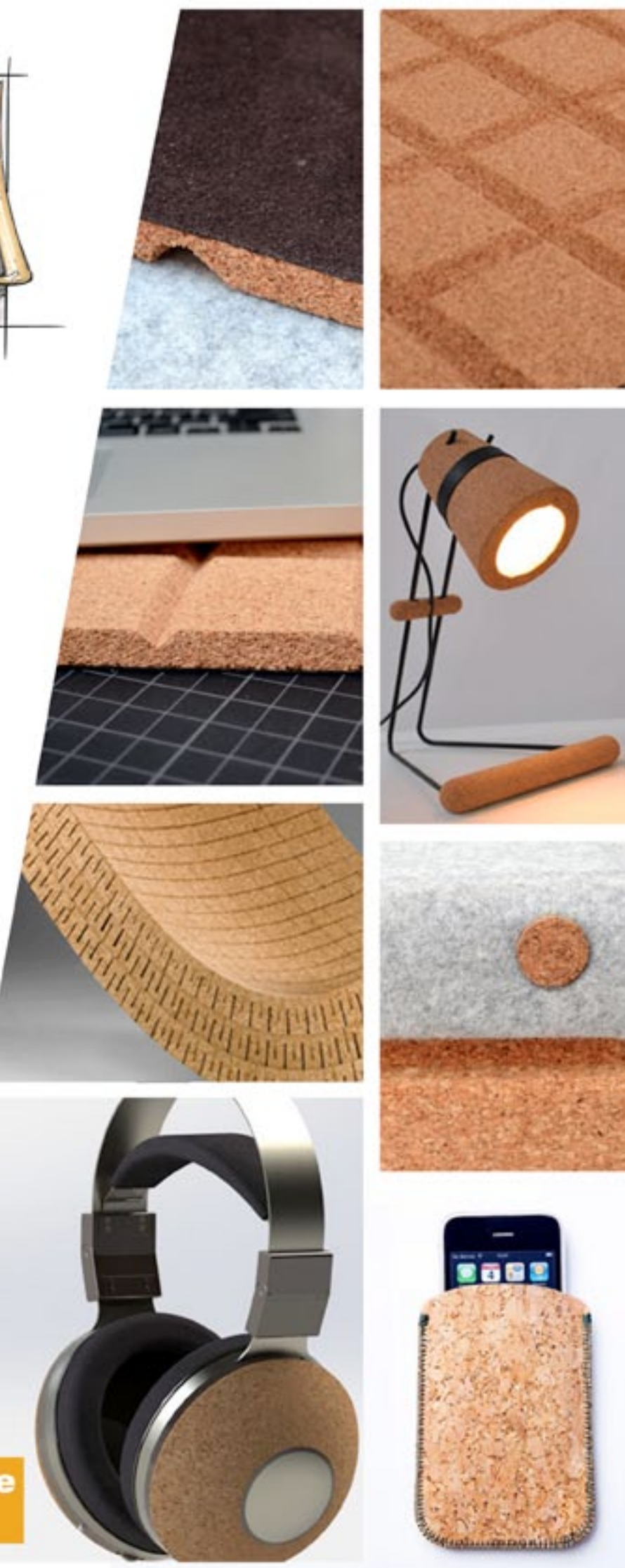
ABS

RESIN POLYESTER



THE CORK PROVIDES LIGHTNESS AND COMFORT

POLYCARBONATE EYESHADE



COMPACTOR OF PAPER LOGS

**HOW
TO REDUCE
HOUSEHOLD
WASTE ?** | PERSONAL
PROJECT
4 WEEKS



phcloitre@gmail.com

CONTEXT

PROBLEMS

Sort out carbage allows us to separate plastic from glass and paper. Only 58 % of the French population sorts their household waste and 5 % recycle their papers.

OPPORTUNITIES

To reduce such his household waste we can begin by reducing the size of waste by the compaction and recycling the papers and the cardboard.

POSSIBLE SOLUTIONS

One of the solutions possible is the manufacturing of paper logs at home.

TARGET

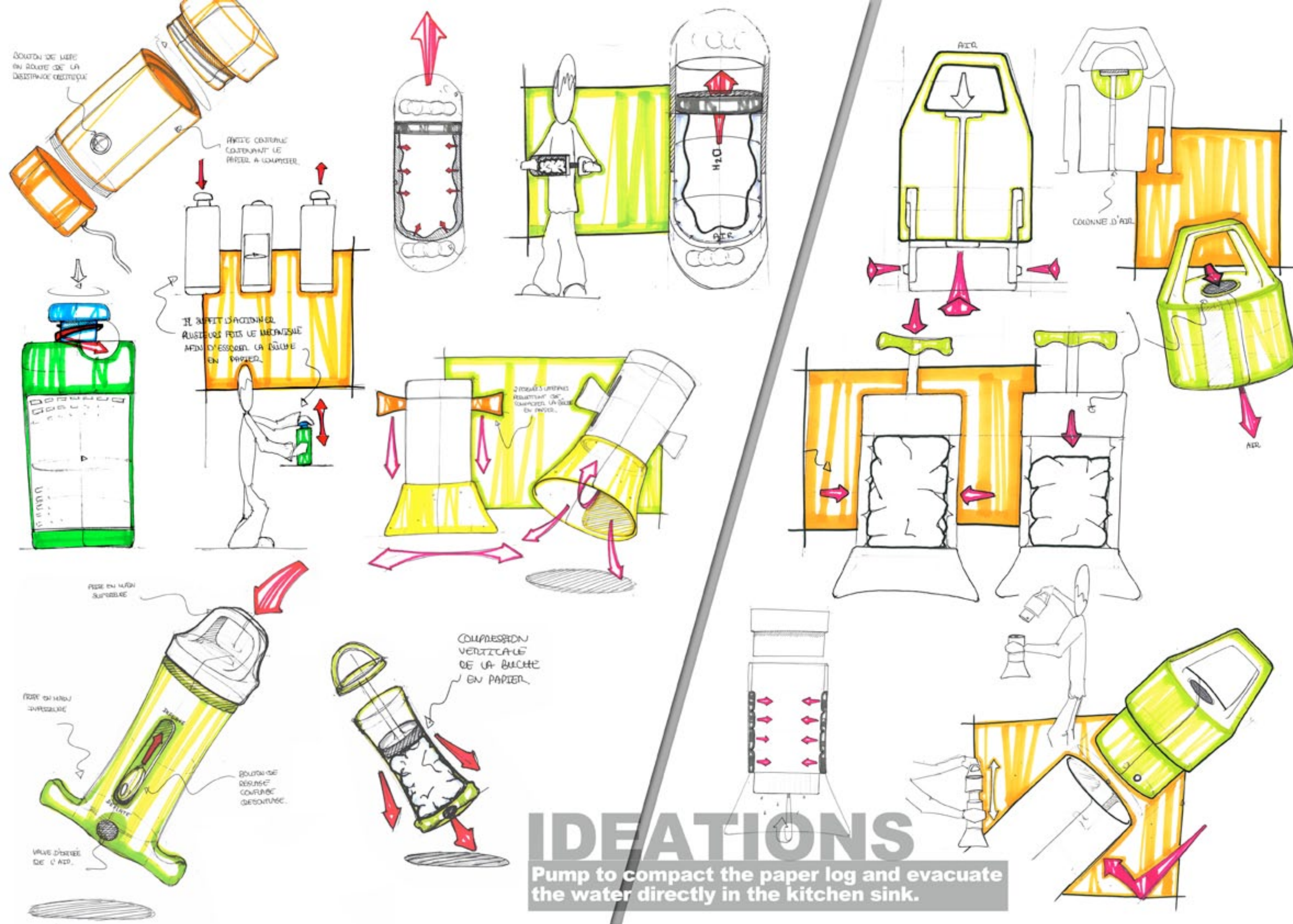
As the majority of the French population lives in a flat, it's necessary to create a compactor of paper logs adapted to the environment.





BRIEF

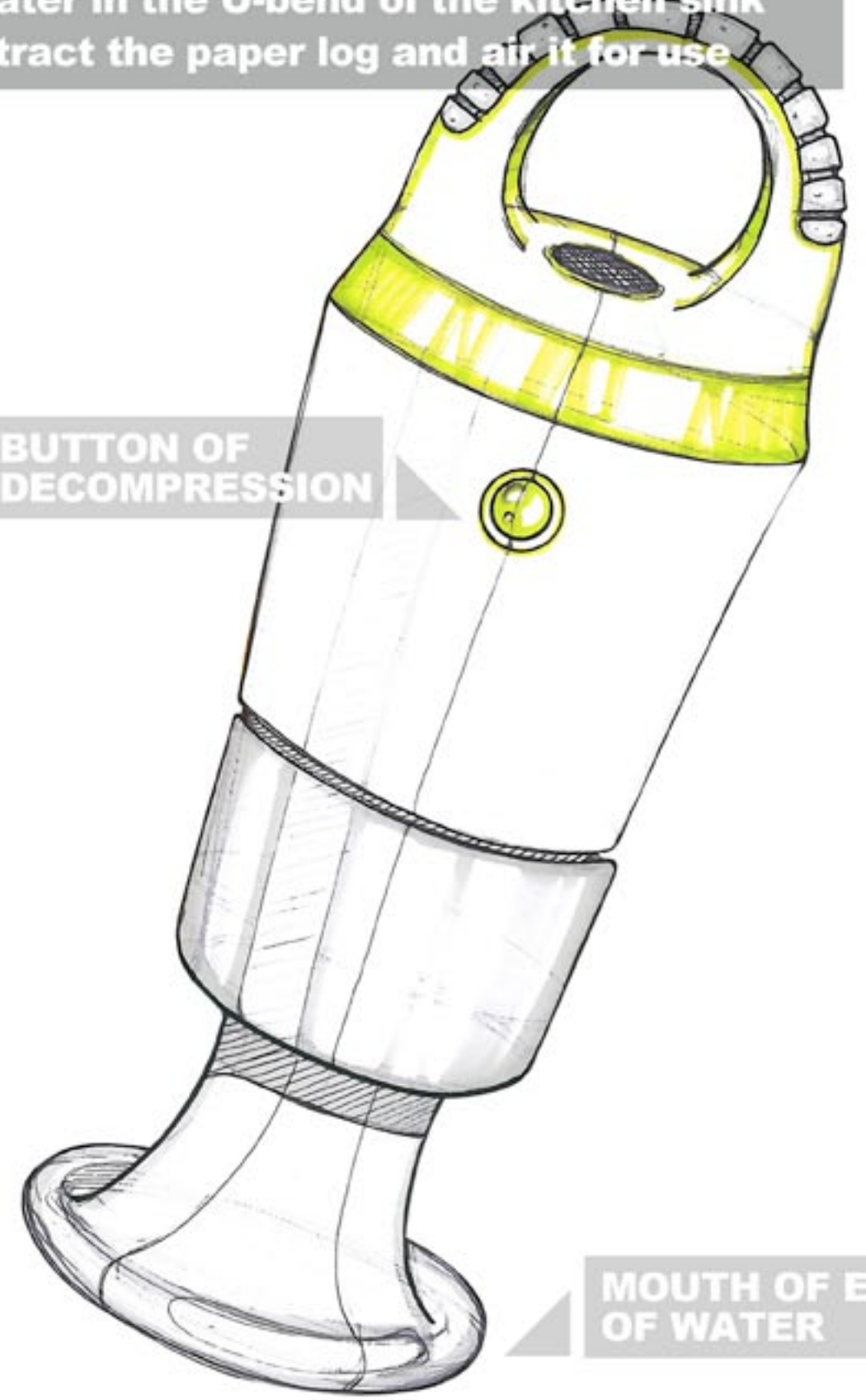
HOW TO MAKE PAPER LOGS AT HOME ?



IN USE

- 1: Introduce the paper into the compactor and pour the water into this one, thanks to the cork measuring glass.
- 2 : Pump by means of the handle to evacuate the water in the U-bend of the kitchen sink
- 3 : Extract the paper log and air it for use

BUTTON OF DECOMPRESSION



MOUTH OF EVACUATION OF WATER

PUMP TO COMPACT THE PAPER LOG



RAILING ALLOWING THE ENTRANCE OF THE AIR TO THE COMPACTOR



PHILIPS

sense and simplicity

A NEW WAY OF WAKING UP | PERSONAL PROJECT 4 WEEKS





WELL-BEING

ANALYSIS

As the world's leader in healthcare, consumer products and of lighting, Philips joins technology and design to create solutions centered on the user and based on consumer expectations.

The objective of Philips is to improve the quality of life of people by concentrating on their health and their well-being.

OBJECTIVE

To surprise consumers by finding an innovative way of waking up.

WELL-DESIGNED PRODUCTS



INNOVATION



HEALTHCARE

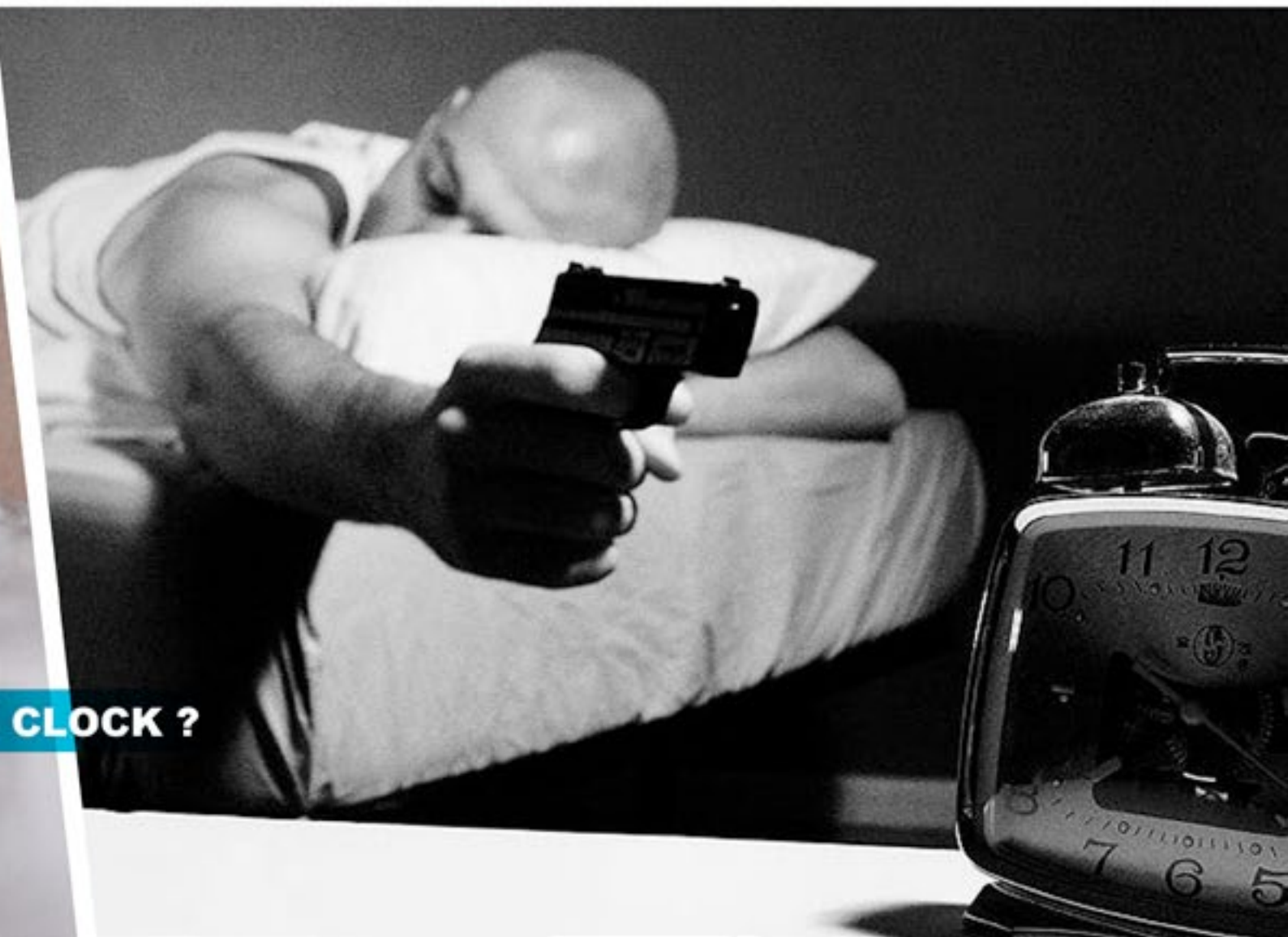


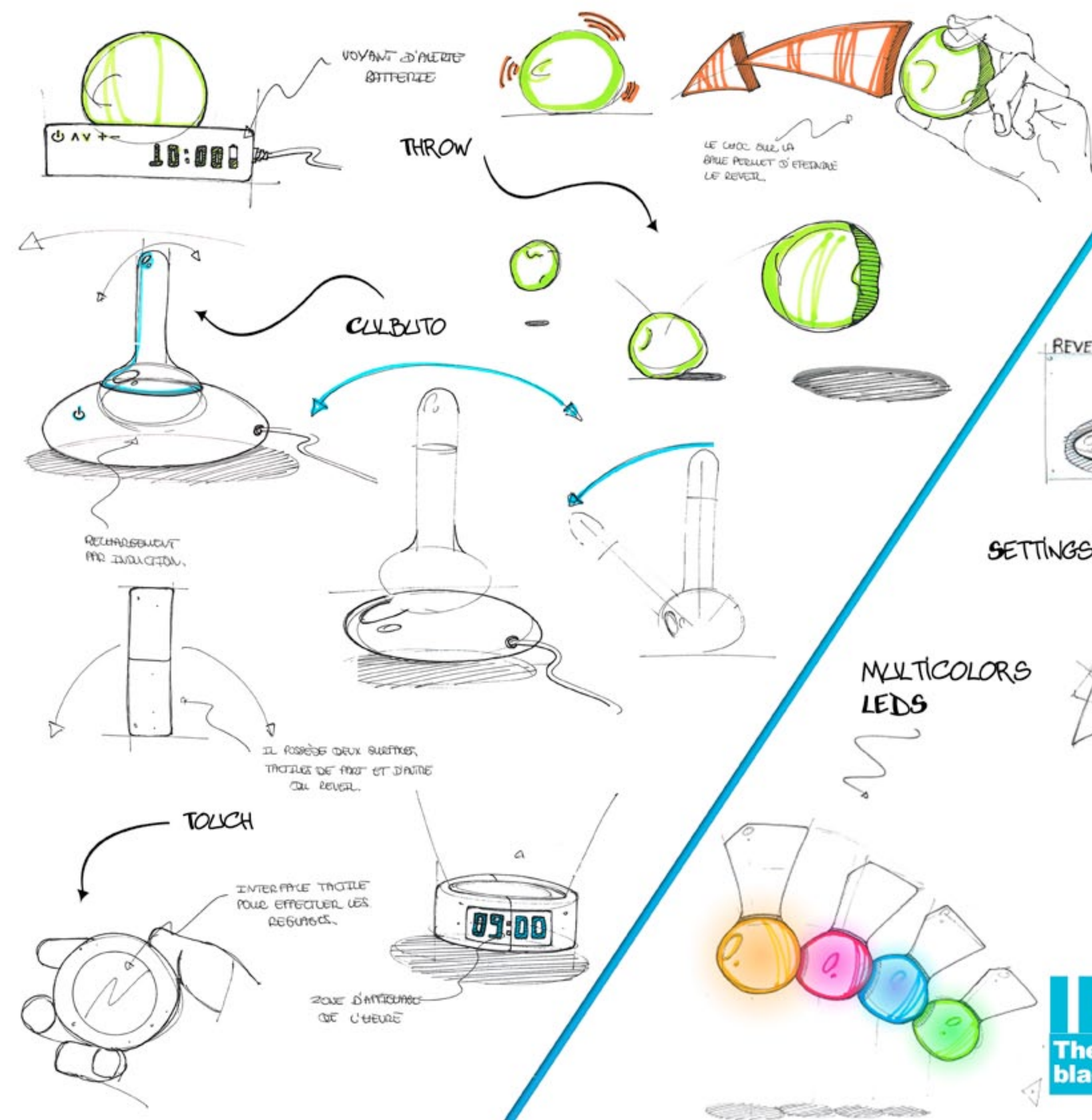
BRIEF

HOW TO WAKE UP WITHOUT LOOKING AT THE ALARM CLOCK ?

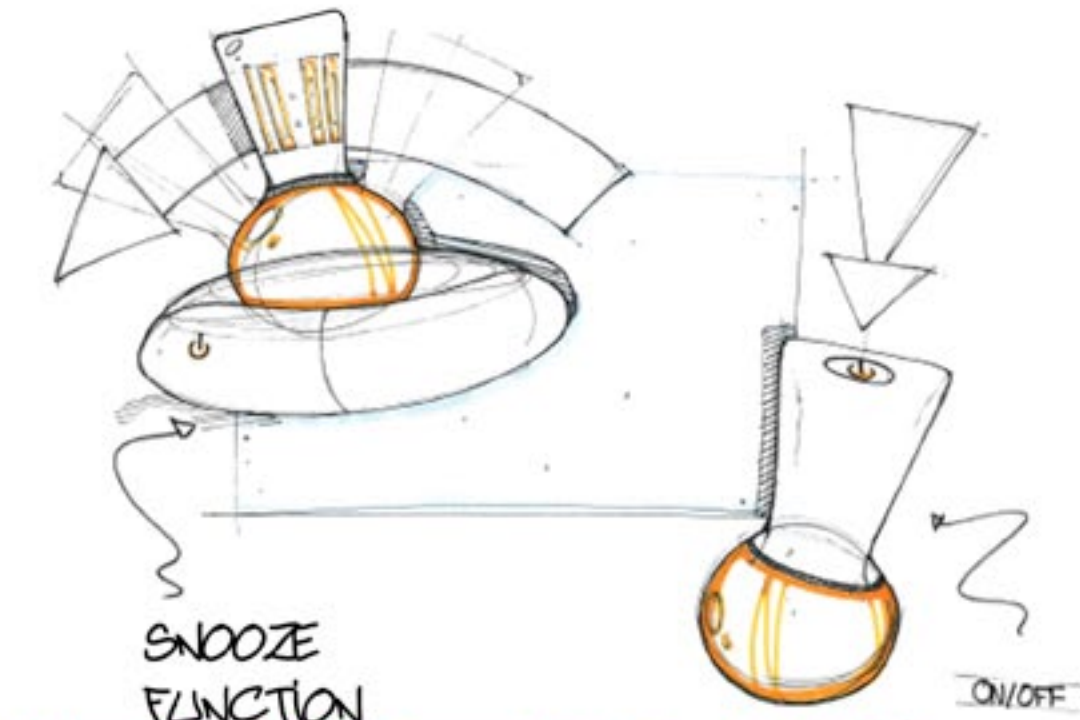
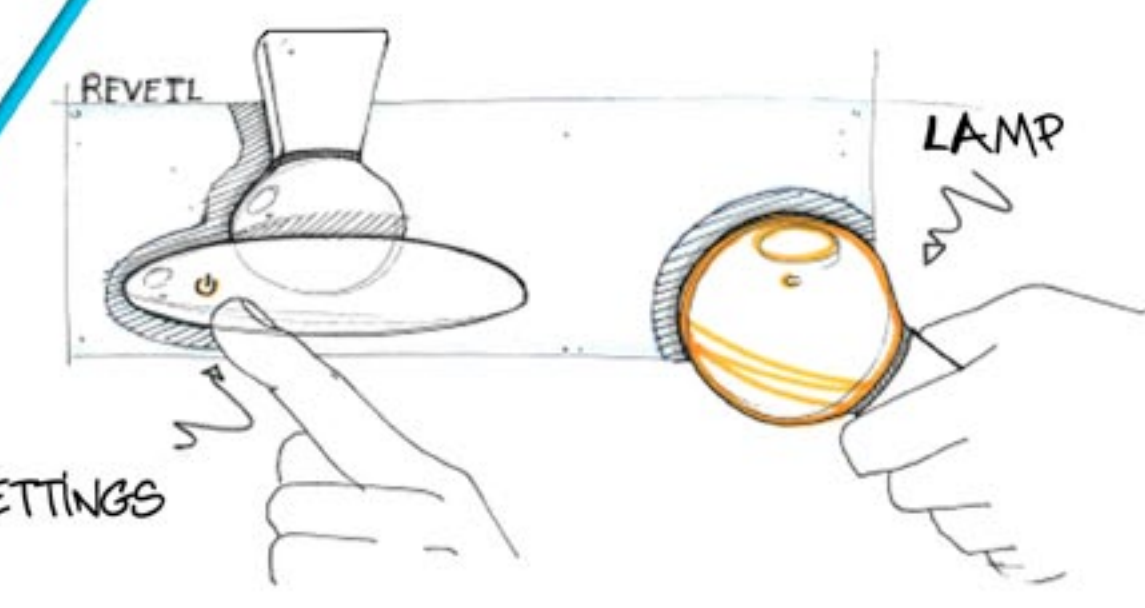
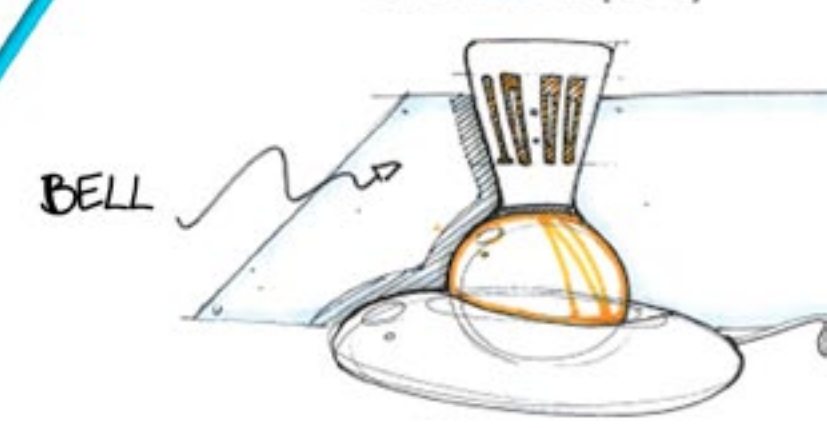


PHILIPS
Sense and Simplicity



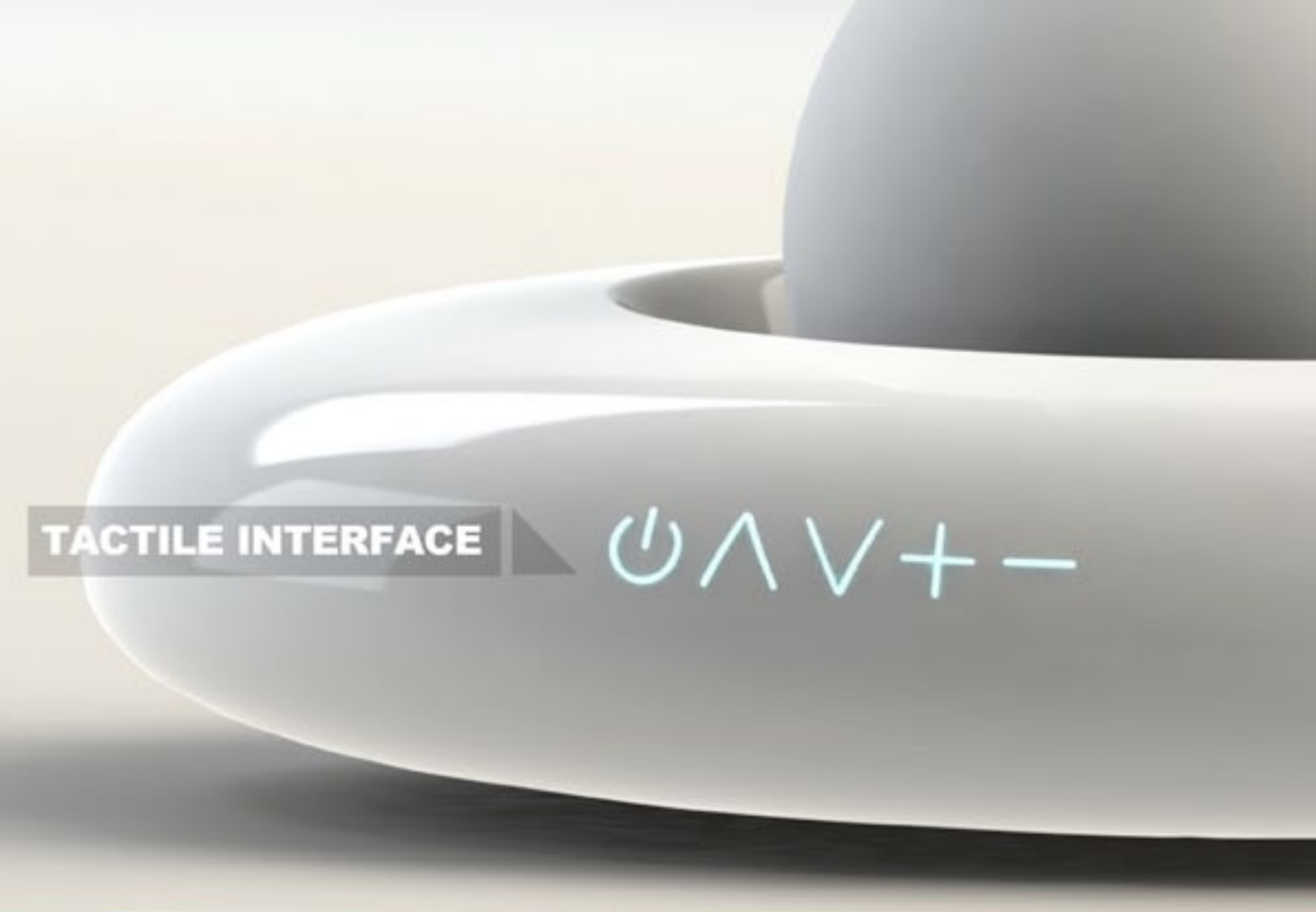
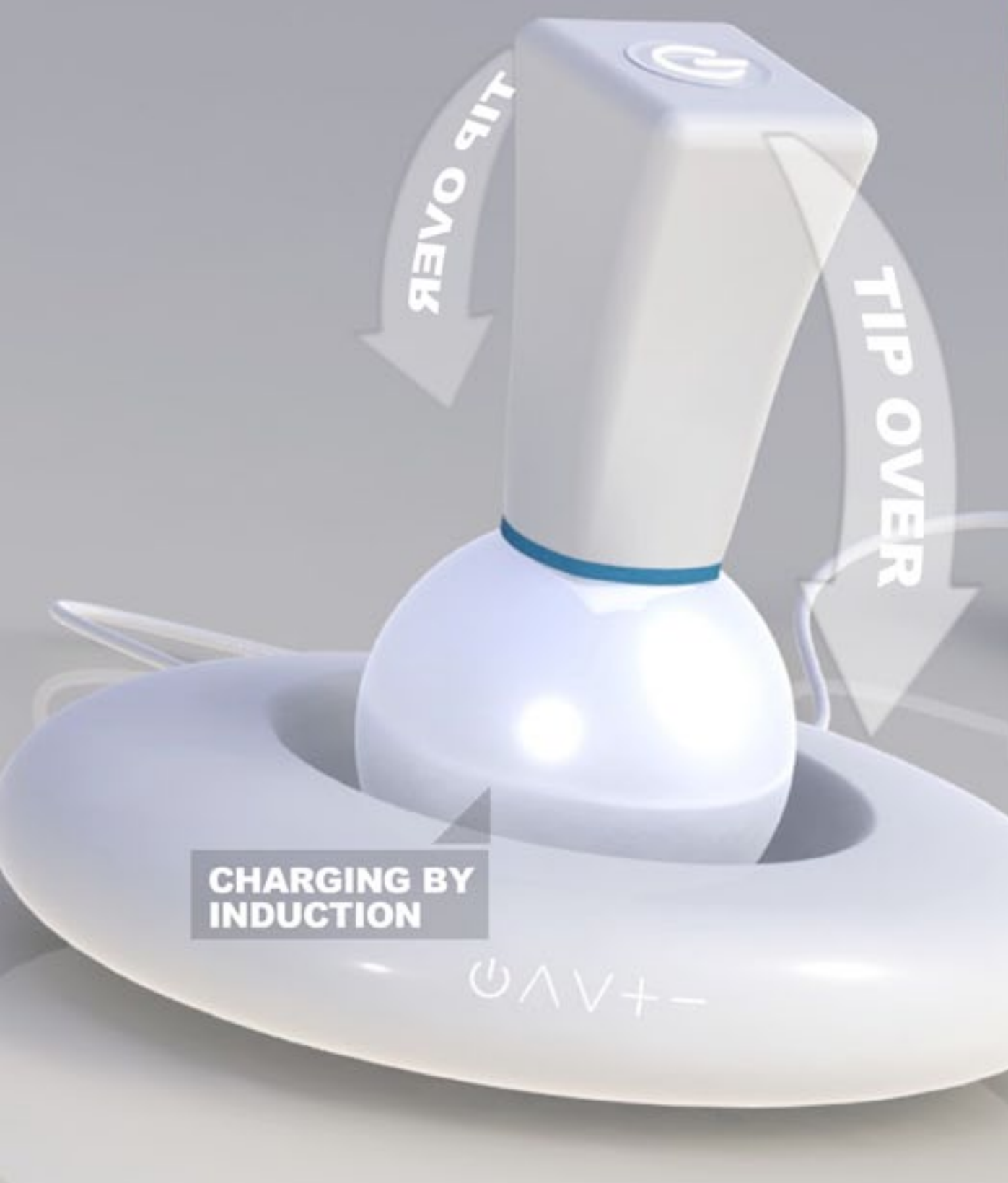


PHILIPS
sense and simplicity



IDEATIONS
The alarm clock must be easy to spot in black and simple to switch off

IN USE
1: Set the alarm of the awakening and the color of the lighting
2: It is enough to make tip over the alarm clock to activate the snooze function
3: Press on the button situated on the handle to switch off the alarm clock



PHILIPS
sense and simplicity

WE CAN TAKE THE FLASHLIGHT MODULE TO HAVE WALK IN COMPLETE SAFETY IN ONE'S HOUSE WITHOUT HAVING TO SWITCH ON THE LIGHTS.



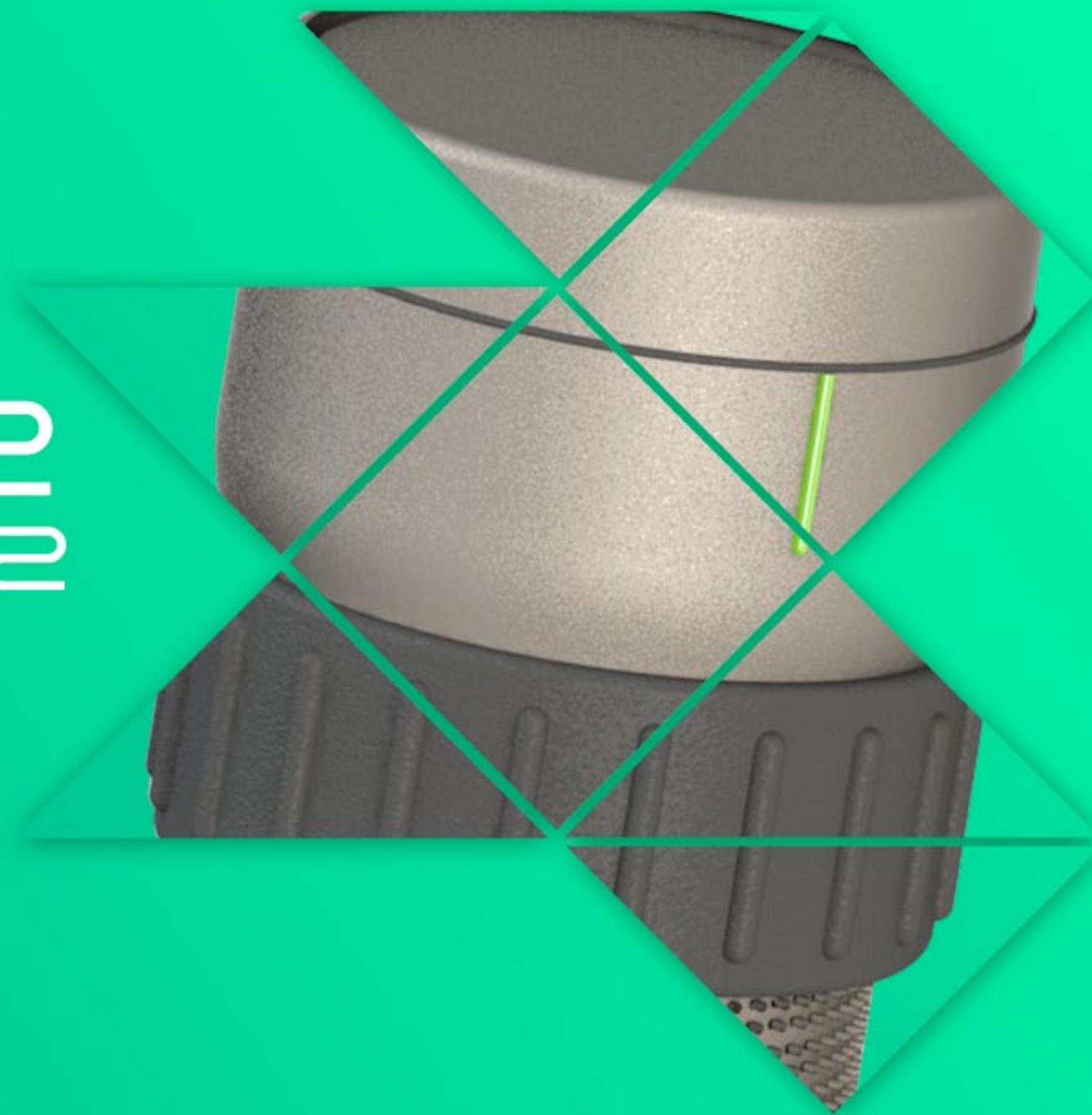
IT IS ENOUGH TO TIP OVER IT SO THAT IT GETS CLEARER DURING THE NIGHT

WAKE UP WITH PHILIPS

PHILIPS
sense and simplicity

smoke DETECTOR

A PERSONAL PROJECT
SMOKE DETECTOR FOR THE HOUSE | **4 WEEKS**



BRIEF

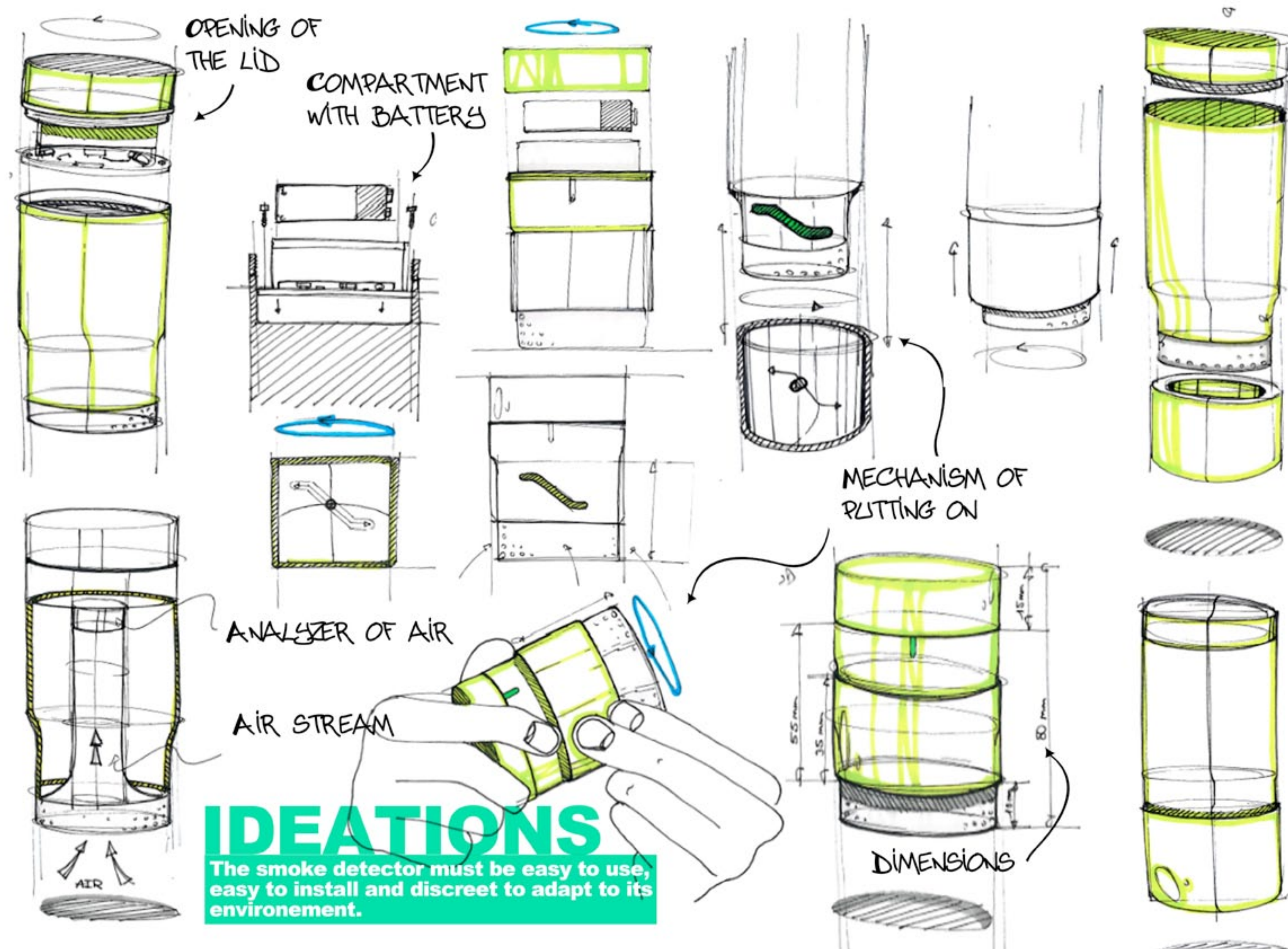
Before 2013, all the homes will have to be equipped with smoke detectors, to put out the safety of houses in case of fire.

RAISED PROBLEMS

Detectors are difficult to switch on or to switch off

Difficulty knowing if the detector is underway or puts out

THUS HOW TO ENSURE YOUR HOME WITH A SMOKE DETECTOR ?



IN USE

- 1: Feed with piles the detector
- 2: Thanks to the tongue double face stick the detector on the ceiling
- 3: Turn the ring allowing to activate the detector



ON/OFF TONGUE



ECO-1 Lamps

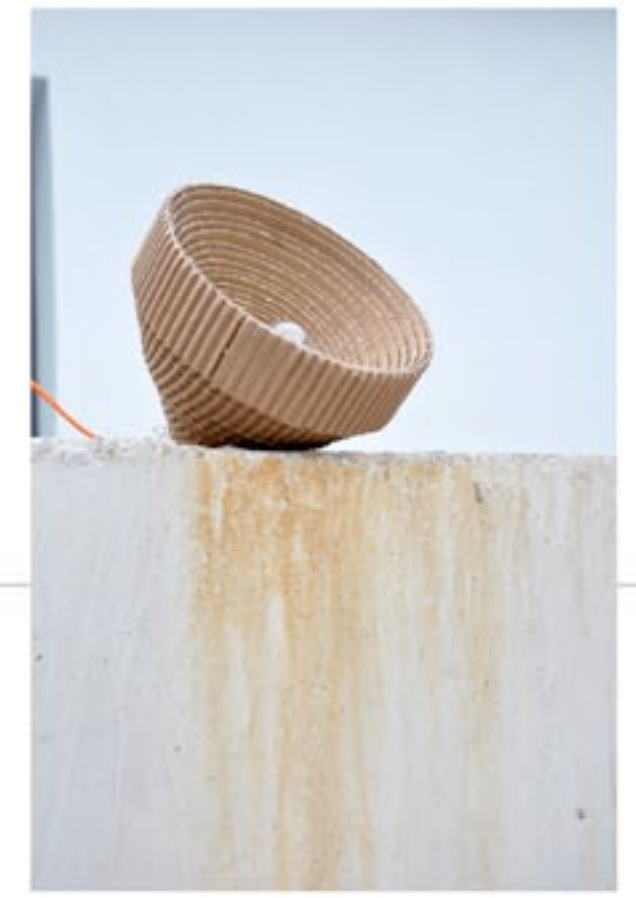


The range of ECO lamps are available in three diameters of lamps, 20, 40 and 70 cms. Furthermore, they are available in ceiling versions light or atmosphere lamps, with or without variator.

- ① ECO lamp 1-2
- ② ECO lamp 1-4
- ③ ECO lamp 1-7



ECO lamp is not intended for an outside environment but takes as much sense around a swimming pool.



The lamp ECO 1-20, the smallest of the collection prepares the ground as well as on a small sideboard.

Economic and ecological

The cardboard structure is flexible and allows it to adopt a multitude of forms. You can obtain a conical shape, and play with the light which reflects on grooves, so creating a game of shade and light. Thanks to the energy-saving halogen bulbs, lamp ECO lights sufficiently your room at a lower cost.

The nylon cables contrast with the cardboard to give to the lamp an appropriate identity.

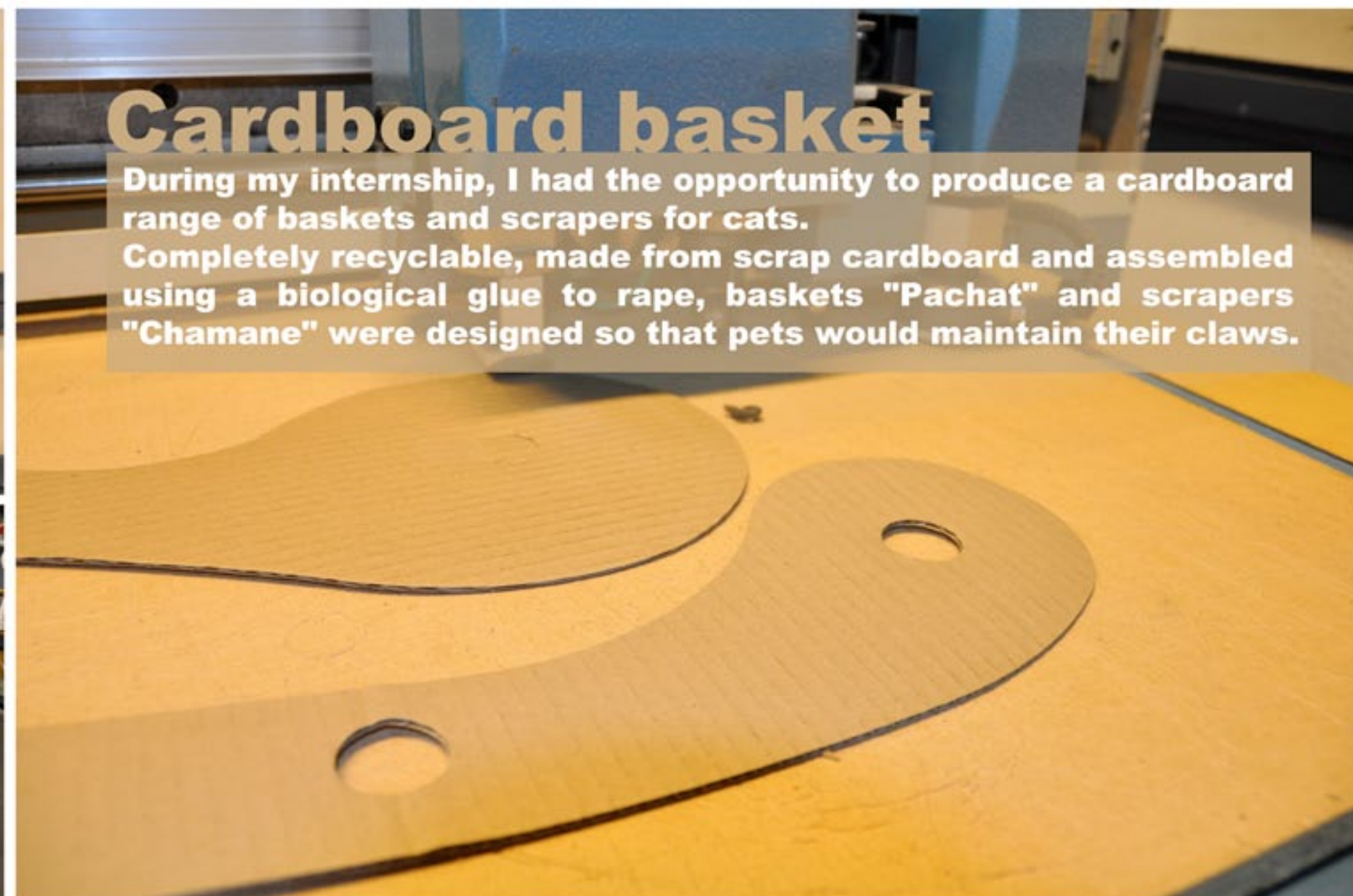




GUN LAMP

This is one of my work I did. The theme was "unusual object"
We see the birth of a social malaise that affects more and more people who are overworked. It depicts the suicide in the office world. It also shoes the pressure that is everywhere, but the stress and isolation suggested by striped pattern of the shirt, in reference of convict clothes.
Thus, the lamp acts as an informer and highlights the sensation of ill-being.





Cardboard basket

During my internship, I had the opportunity to produce a cardboard range of baskets and scrapers for cats. Completely recyclable, made from scrap cardboard and assembled using a biological glue to rape, baskets "Pachat" and scrapers "Chamane" were designed so that pets would maintain their claws.

Panière et griffoir 'Chamane'

Un design conçu pour le confort de votre chat

Les chats sont naturellement attirés par le carton. Ils aiment son odeur et sa texture dans lequel ils peuvent aisément planter leurs griffes. C'est ainsi que So'cat a décidé de créer «Chamane». Ce produit associe un griffoir et une panière entièrement conçus en carton.

«Chamane» est totalement recyclable.

Cet espace confortable permettra à votre chat de faire ses griffes, et appréciera se prélasser à l'intérieur.

Ils l'ont testé pour vous et l'ont adopté...

Griffoir réversible

FABRIQUE EN FRANCE (Savoie)



SPELEOLOGY



MOTORBIKE

HOBBIES AND SKILLS



KITESURFING



I AM OPTICIAN



TREK 4X4

Pierre Henry CLOITRE

Designer produit

Interested in the Diploma of Engineering Design and Global Innovation Design

Date : 15/01/13

To the professor Miles Pennington,

Head of programme of IDE

After my two years performed in the BTS in product design at the School of Applied Arts Bellecour I was interested to discover your Department focused on Engineering and Innovation. After obtaining a BEP and a BTS in the eyewear sector, I decided to orient myself in the field of product design, first of all with the desire to improve and innovate daily through the creation and design of a product, but also by the desire to participate in the development and opening up of new opportunities in technology and design.

Having been welcomed during the open days of your School, I was immediately captivated by its environment and quality of instruction. Its location in the Imperial College of Art and the historic sites that surround it create an environment of culture and exchange between engineering, medical, and university campus. In addition, the Royal College of Art, is the only one to offer an international based program.

With a University background, my training in pharmacy and optics and thereafter directed to product design, I want to improve my knowledge and experience of working with people from different cultures, driven by the same passion for innovation and design.

I would therefore like to continue my studies at the Royal College of Art, to enrich my knowledge and exchange my academic and professional experiences with other students from different sector.

Dynamic in nature, I want to supplement my product designer training, evolve in the field of engineering and I want to put my skills and motivations within the Innovation Design Engineering program.

Hoping that my application will hold your attention, I remain at your disposal for further information or for an interview where I could fully demonstrate my motivation.

Yours sincerely

Pierre-Henry CLOITRE



6, rue Julien Duvivier
69003 LYON 3ème
22/05/1988
Tél : 06 23 77 00 97
Email : phcloitre@gmail.com
Driving license A/B/E

Pierre-Henry CLOITRE

Product student designer

Professional experience

Designer at Naturen, in Grenoble, France — 2013

Creation of a module for selective sorting at major events for the General Council of Isère.

Internship at Detour design in Marseille, France — 2012 (3 months)

Organization of the stand detour design of the exhibition Côte Sud
Management of the commands with the suppliers of furnitures Muller, Spectrum, Softline and Bosa

Designer at Cartonage Saint martin, in Saint Egrève, France — 2012

Realization of baskets and griffiores of cardboard for cat
Creation of a range of cardboard lamp

Designer at Vercors optics, in Villard de Lans, France — 2011

Creation of a range of magnifying glasses made of cardboard.

Logo designer in Grenoble — 2011

Logo design :

- For a team in the « rally gazelles 2011 »
- For the « FY Thermie » company specialising in the installation of hot tubs
- For the Saint Martin Cardboard company specialising in tailor made packaging solutions

Optician at Vercors Optic ; Villard de Lans, 38250 — 2010-2013

Testing consumers' vision, mounting equipment in the workshop and selling correcting sunglasses.

Diplomas

Product Design BTS—2th year	Arts Appliqués Bellecour	2011-2012
Applied Art Foundation Course	Arts Appliqués Bellecour	2010
Optician BTS	Institut Supérieur d'optique	2008-2009
Glass mounting and sales BTS	Institut Supérieur d'optique	2008
2 years of university of pharmacy	University Joseph Fourier	2006-2007

Other activities

Active participation in associations :

- Drabons et Chieus, in Méaudre, Rhône Alpes. In charge of the speleology section
- Teaching speleology and canyoning, to groups.

Skills

Languages	Spanish	European diploma in Spanish
	English	Good level of comprehension
Softwares		
3D	Solidworks and Rhinocéros	Basic use
2D	Photoshop, Illustrator, InDesign, Word, Power point, Excel	Basic use

Interests

I practice extreme sports such as kitesurfing, freeride skiing, quad biking, climbing and motorbiking, several of them in competition like caving, skiing and golf.

I am interested in cinema, particularly science fiction films, and art from the organic movements.

Profile

I am dynamic and motivated, and I fully perform my tasks and projects. I always push my limits.

Thank you for the time and consideration you dedicated to my portfolio ;)