

## **Doug Ollivier**

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## **About Me**

I am currently in my final year of study at Massey University, In Wellington. I chose to become an industrial designer, as I have always seen things and thought they could be done better. This passion for finding and solving problems helps shape my desire to leave this planet and future generations better off than now.

## **Objectives**

I wish to contribute innovative ideas and creative thinking to the New Zealand design industry, where my organisational skills will allow me to progress to project management roles.



## Experience

### Mid 2006 Tse Group

I was employed as a graphic designer and 3D visualiser, during a very busy period of work. I completed a number of fast, high intensity jobs visualising civil engineering and architectural projects. The largest of the projects included a tender being submitted for Picton's waterfront redevelopment, which was featured on the front page of 'The Marlborough Express'.

Team work

Meeting deadlines



## Education

I am completing my final year towards a Bachelor of Design (Industrial Design Major) at Massey University in Wellington. My yearly averages are shown below, for more information on papers taken feel free to ask.

Completion

Dedication

Training



2006 A- Average First semester

2005 B+ Average

2004 B+ Average

2003 B+ Average

2002 A Bursary Newlands College

## Personal Qualities

I am adept at thinking in three dimensions, with the ability to transform objects mentally. I can easily understand 2D drawings in 3D space.

I have a methodological approach to many tasks, and am inclined to structure information in an understandable way.

I rely heavily on my foresight and common sense to solve problems before they are created. This often helps when defining criteria, discovering product opportunities, and developing solutions.

## Hobbies

Computer modelling and animation has been a passion of mine for the last 5 years. In recent times I have moved towards the management and organization of CG related projects. Such as organising regular Blender competitions, as well as managing artists creating graphics for a free transport simulation game.

3D modelling

Analytical thinking

Foresight

Common sense

Organisation

Management

## Awards / Achievements

### 2005-2006

I Was short listed for the Port Nicholson Rotary Club's Goal-Setter award.

### 2005

I was one of three students chosen out of 45, to go to Christchurch to present a 'Power control system' to Arc Innovations. Which I later presented to their board of directors at Meridian Energy.

### 2004

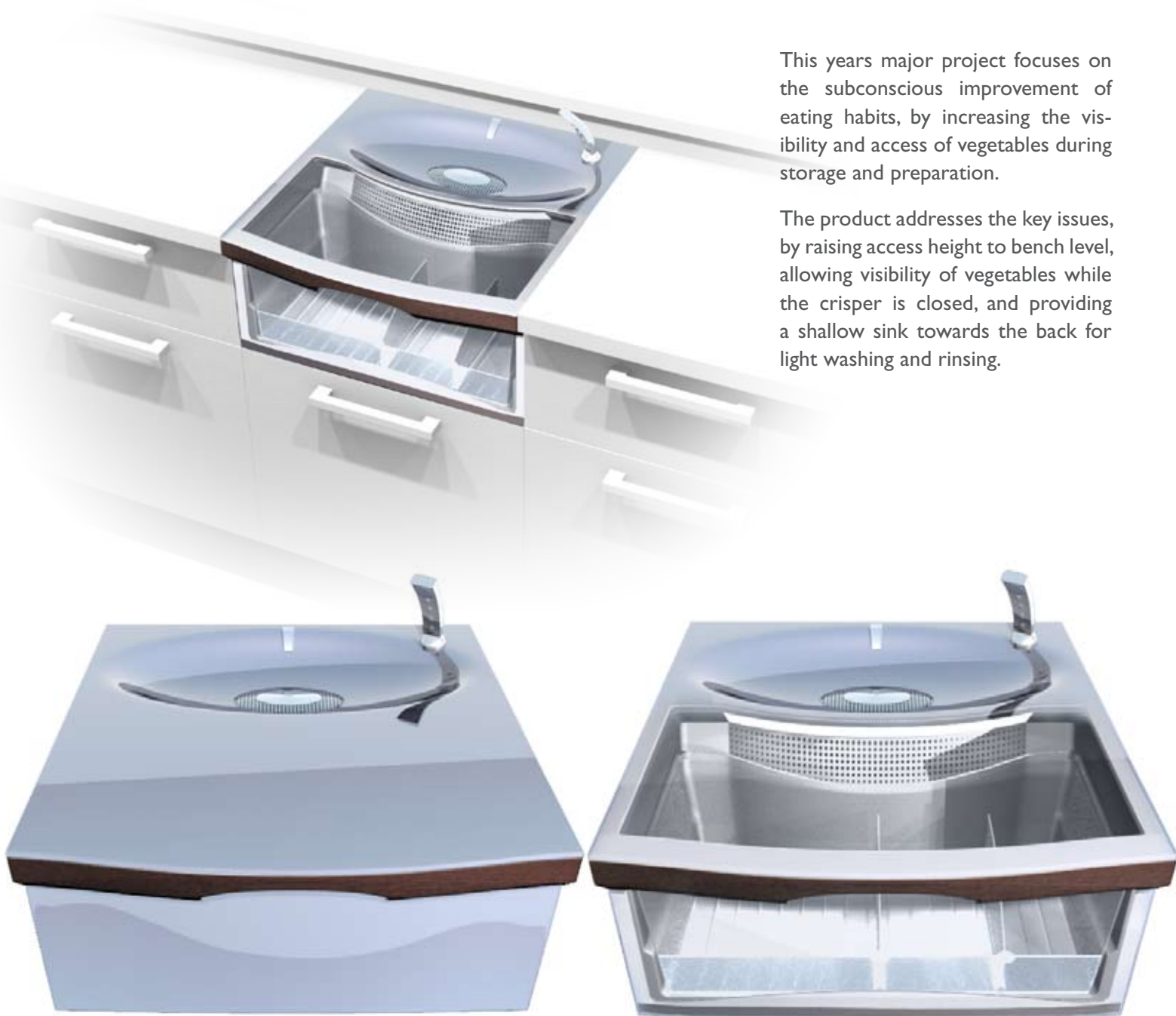
I Received a scholarship from Ludowici: for an injection moulding project.

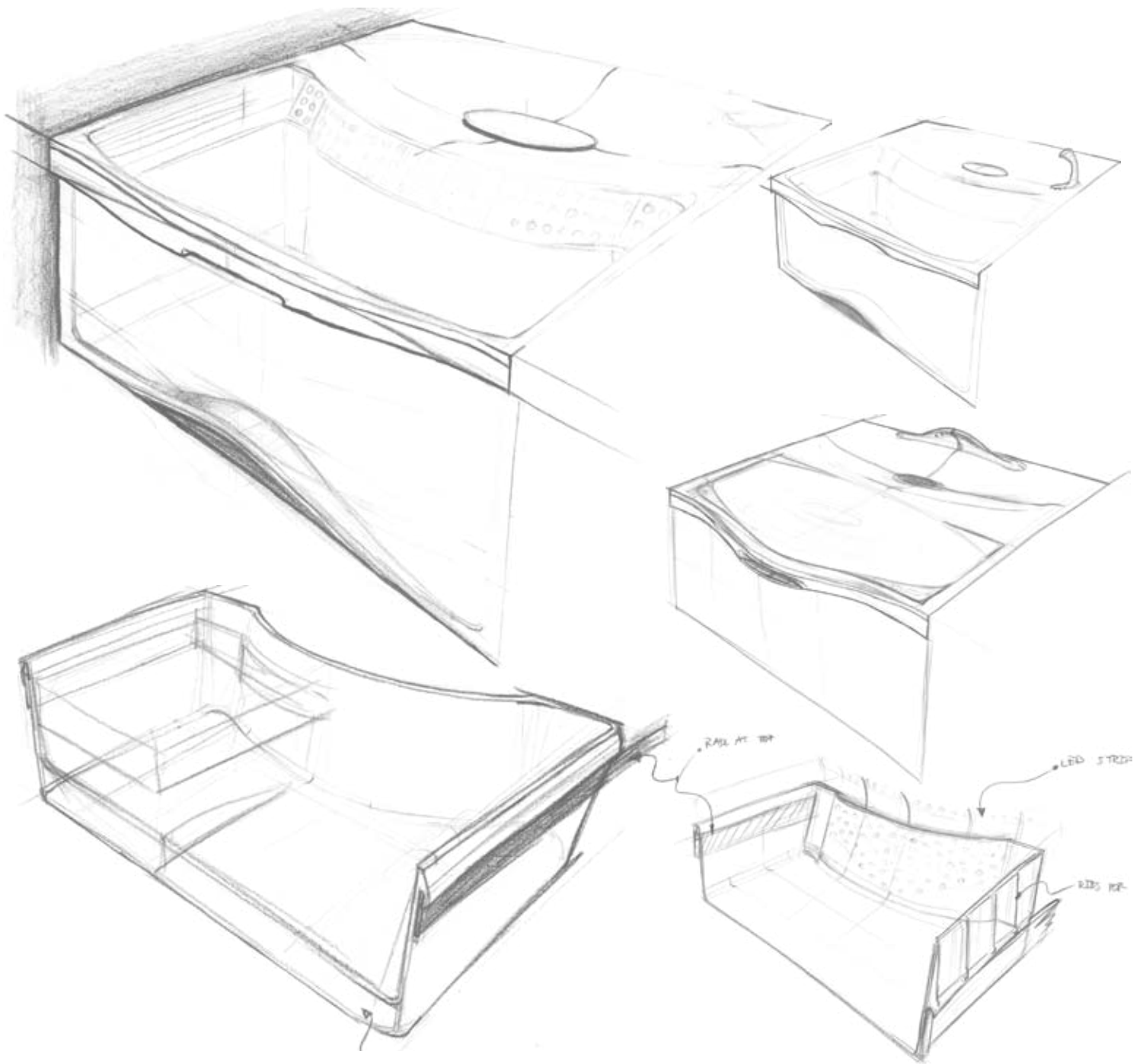
### 2001

I Won the Otago University premium prize: for scientific methodologies, as well as first place in the senior section, at the Wellington science fair.

This years major project focuses on the subconscious improvement of eating habits, by increasing the visibility and access of vegetables during storage and preparation.

The product addresses the key issues, by raising access height to bench level, allowing visibility of vegetables while the crisper is closed, and providing a shallow sink towards the back for light washing and rinsing.







While working at Tse Group I was involved in a large tender project to redevelop Picton's waterfront.

The above image which I created, was featured on the front page of 'The Marlborough Express'.

The tender winner has yet to be decided.

## POWER CENTER

FOR THE MODERN HOME



-MONITOR HOME PRODUCTION

-CONTROL POWER USAGE

-PAY POWER BILLS OR RECEIVE MONEY

### MODERN METAL FINISH

THIS POWER SYSTEM INTERFACE PANEL FEATURES A SLIDE OUT DIGITAL INK PAGE WHICH LOOKS SOMEWHAT LIKE PAPER.

YOU CAN GRAPH AND MONITOR YOUR HOME POWER PRODUCTION LEVELS, AND SEE HOW MUCH POWER YOU ARE PUTTING INTO THE GRID.

YOU CAN ALSO CLAIM MONEY FROM THE POWER COMPANIES FOR POWER PRODUCED (or pay your bill if you have not produced).

SCREEN SLIDES OUT FOR USAGE

THE LOOK AND FEEL OF THE UNIT IS DESIGNED TO BE ASSOCIATED WITH A POWER COMPANY, AND INTENDED TO LOOK AS THOUGH IT SHOULD NOT BE TAMPERED WITH

-DESIGNED TO LAST A LIFETIME.

DOUG 21/03/05

## CAMOUFLAGE

TO REDUCE HOME INTRUSION



PROGRAM'S DESIGN TECHNOLOGIES ARE ON THE RISE. THIS CONCEPT TAKES INTO ACCOUNT A USER'S WISH TO NOT HAVE AN INTRUSIVE DEVICE IN THEIR HOME FOR INTERFACE WITH THE POWER COMPANY.

THE USER CAN CHOOSE WHAT DEVICES THEY HAVE ENERGETICALLY PRINTED ONTO WITH A DISPLAY LAYER.

-WARE  
-WRAPAROUND  
-INTERFACE  
-FRAME  
-TABLE

-ENVIRONMENTALLY FRIENDLY

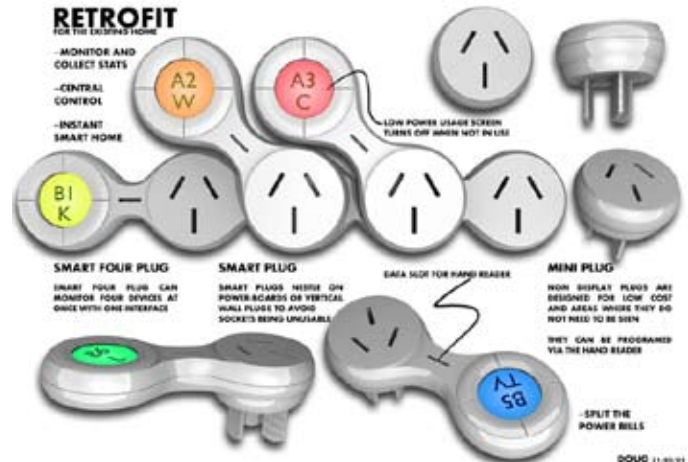
-NON INTRUSIVE



DOUG 21/03/05

## RETROFIT

FOR THE EXISTING HOME



-MONITOR AND COLLECT STATS  
-CENTRAL CONTROL  
-INSTANT SMART HOME

LOW POWER USAGE SCREEN TURNS OFF WHEN NOT IN USE

SMART FOUR PLUG  
SMART FOUR PLUG CAN MONITOR FOUR DEVICES AT ONCE WITH ONE INTERFACE

SMART PLUG  
SMART PLUGS MATE ON POWER CARDS OR VERTICAL WALL PLUGS TO AVOID SOCKET'S BEING UNAVAILABLE

DATA SLIDE FOR HAND READER

MINI PLUG  
NON DISPLAY PLUGS ARE DESIGNED FOR LOW COST AND AREAS WHERE THEY DO NOT NEED TO BE SEEN  
THEY CAN BE PROGRAMMED VIA THE HAND READER

-SPLIT THE POWER BILLS

DOUG 21/03/05



In 2005 I designed an efficient shower head. I identified rinsing of hair as being the shortest but most water intensive activity. Thus, the final design featured a comb like pattern of jets that could be temporarily used to increase water flow without reducing the overall efficiency rating.



I began future forecasting residential refrigerators in 2005. The outcome of the first round of investigation was the concept seen on this page. It addressed largely technological trends, and featured emerging technologies such as electrochromic glass, and electrothermic heat pumps.

This concept was taken as the point of departure for my current vegetable crispener product.





Each year I challenge a friend to a 24 hour modelling battle. We choose a topic between us, and have a few days to design before we begin the 3D modelling.

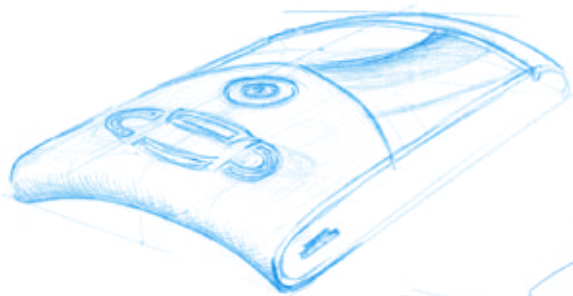
This tank was the first such battle (The next page shows the second).

Its all a bit of fun, and a chance to learn and experiment under pressure.

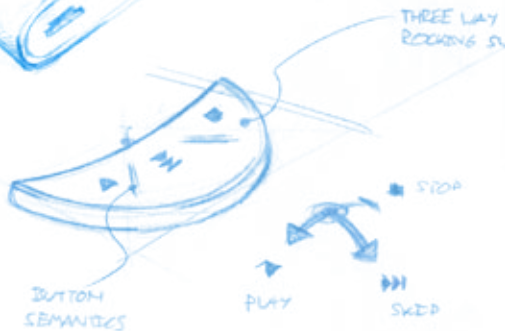
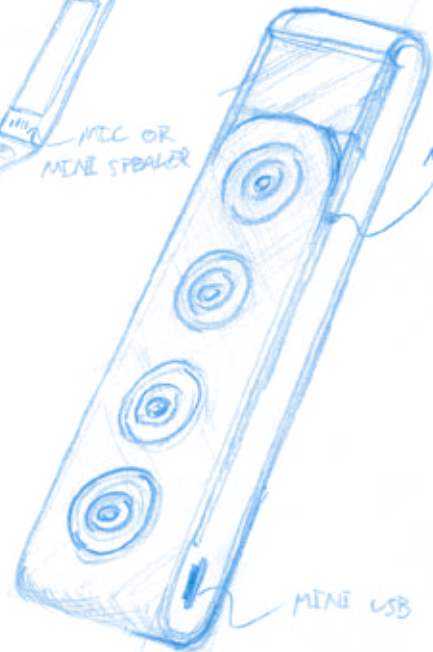




ORNITHOPTER



Full ADVANCE



MP3 PLAYER  
 MP3 PLAYER