

XVI | NOTTINGHAM TRENT
DESIGN INDUSTRIES

BA PRODUCT DESIGN

FOREWORD

BY ALAN R CRISP

One of the privileges, perhaps the greatest, of working at a university is to be asked to pen the foreword to an anthology of student work. It prompts reflection and comparison on their work and mine and that of my colleagues against the performance of all in past years. The standard of design and realisation, that is manufacture, I am confident remains first class, indeed the standard increases year on year and this class of 2015-2016 is no exception, I congratulate you all.

I take this opportunity to congratulate the staff, both academic and technical, who with joint and parallel purpose have educated this class scholastically and vocationally for the past four years making my headship relatively easy and most enjoyable. This degree show emphasises the holistic nature of design and its methodologies. The Arts and Crafts movement and its place in contemporary design is clearly evidenced by some of the exhibits, particularly from Furniture and Product Design students; the embracing of new technologies and materials is exemplified by the work of Product Design and the influence of sustainability and world issues is illustrated through the design solutions of BSc Product Design, composing for all a truly encompassing exposition.

My reflection, spanning 37 years here at NTU, is tinged with sadness, as in all probability this will be the last foreword I author. However, I wish to

remind the class of 2015-16 of some sentiments to take with them on their lives path. As they know I am much influenced by D H Lawrence, R L Frost and H Cartier-Bresson. Photographer and philosopher, Cartier-Bresson changed our view of photography and film. His philosophy on life in general, particularly for Designers, is well worth remembering; in 1952, Cartier-Bresson published his book *Images à la Sauvette* [The Decisive Moment], a portfolio of 126 of his photographs, the cover drawn by Henri Matisse. His philosophical preface, was based on a text from the 17th century Cardinal de Retz, "Il n'y a rien dans ce monde qui n'ait un moment décisif" "There is nothing in this world that does not have a decisive moment". This departure from academia to the commercial world is your moment, may good fortune follow you, *dei auxilio faber est quis que fortunae suae.*

Head of Product Design



Alan R Crisp

A WORD

BY JOSEPH STEWART

"A journey is a person in itself; no two are alike. And all plans, safeguards, policing, and coercion are fruitless. We find that after years of struggle that we do not take a trip; a trip takes us." John Steinbeck

With the above in mind, it is with a great sense of pride that I present this 2016 BA Product Design cohort, who will soon be embarking upon the next step of their respective journeys.

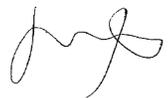
Whilst I have only been at NTU for two years, I can vividly remember working with this particular group of students on a digital radio project, within my first week here. I happily recall circling the workshop being taken aback by how engaged and enthusiastic each student was, and their respective positive responses to my feedback. Nevertheless, it is only with great determination and a superb work ethic that those fresh-faced young students have managed to transform themselves into the professional designers they are today... well, that and a little help from myself and my colleagues.

Since their return in October, it has been my privilege to witness exactly how far each student has come and what they have achieved within just one academic year of study. Furthermore, the diversity of the projects on show truly reflect the comprehensive abilities of our students, thus creating a myriad of employment opportunities. Exhibited work

features exemplary material testing and exploration, development, functionality and much, much more; all of which are integral to the modern designer.

As you conclude your studies, I wish all of you guys the very best of luck in your future endeavours, and wonder what influence you will have on the world of design in the near future. I look forward to seeing all of your hard work pay dividends as you begin to flourish as professional designers, utilising the tools that I and my colleagues have taught you during your time here. Always continue to push the boundaries of creativity, but most of all, enjoy a fulfilling career of diversity and endless possibility.

BA Product Design Course Leader



ANOTHER WORD

BY JAMES DALE

As a child my grandmother used to swear blind that milk tasted better when drunk from a glass, naturally out of childhood curiosity I asked her why and the answer was – ‘well it just does’. At the time I put this down as some kind of arcane knowledge reserved for the wise, senior members of the family and my gran was full of just this kind of sound advice.

I got to thinking about this recently while I was pondering the idea of when did I actually become a designer – not the moment I walked across a stage and picked up my certificate after four hard years of study but the moment when I actually started to design. For many of us the obvious answer would be those formative experiences with the box of Lego or back even earlier to the days of drawing squiggly houses in brightly coloured crayon at nursery. Clearly there comes a time when the play becomes serious work, for designers the distinction between work and play can be a rather fuzzy one, my brother in law is convinced that a large proportion of my design career was spent ‘colouring in’ and to an untrained eye I can see why he might think that, but play and creativity go hand in hand and I can’t help but agree with Jim Henson, the creator of the Muppets, when he stated that ‘the most sophisticated people I know – inside they are all children’.

Which ultimately brings my back to my grandmother and her glass of milk because over the

years the key thing I have come to understand is that design is fundamentally about people, all design starts with a conversation, a means of developing empathy for the person you are designing for and to understand their needs and desires, to do this we need to be able to discuss and most importantly to listen. As much as all the drawing and making models fired my creativity and helped me hone my skills it was the conversations, the questioning ‘why?’ and listening to the explanation that made me the designer.

This year’s cohort of Product Design students is blessed with an enviable toolkit of skills and ideas which hopefully will inspire you, but they are also a great set of listeners - have a chat to one or two of them, you never know where it may lead you.

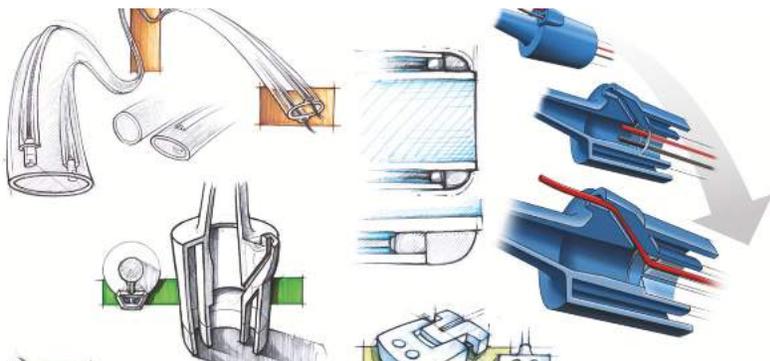
I raise a glass (of milk) to you all, and wish you the very best of luck.

Courses Manager



PORTFOLIO OF WORK

BA PRODUCT DESIGN





Alex Abraham

alexabraham019@gmail.com | www.coroflot.com/alexabraham

ClickE (*left*) is aimed at nasal feeding tube accidents in hospitals, this product could reduce costs of existing procedures such as x-rays, for locating tubes within the body after insertion. Taking advantage of conductive bodily fluids, an inexpensive LED signal could help save lives and costs for the NHS.)

SLIC Paddles (*above*) are a manipulation of current paddle design, this product caters to flatwater kayak racers. Many with poor technique tend to lift excessive amounts of water at the end of a stroke, which can waste energy. Ideal for endurance racing or even as a training aid, these paddles ensure more efficient power transfer.



WARRINGTON
& ROSE



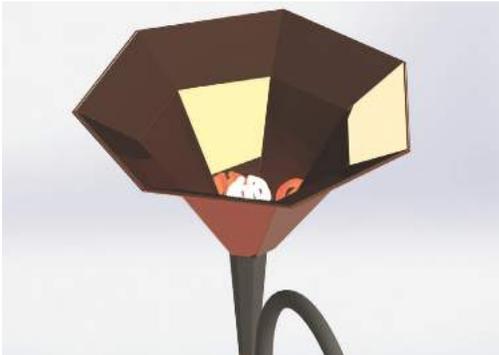


Ben Adams

benadams94@outlook.com

Faro (*left*) challenges the users' perceptions of concrete by encouraging product interaction. By allowing the user to sequence the range of textured, coloured, and varying material modules they are truly creating the light they desire whilst simultaneously forging new ideas on the possibilities of concrete.

Cherry Reminiscence (*above*) is a brand dedicated to providing bespoke multi-sensory reminiscence products designed specifically for people with dementia. Through the website, the user's family or support carers can select and customise each page of the book to create an experience that reflects the user's life.





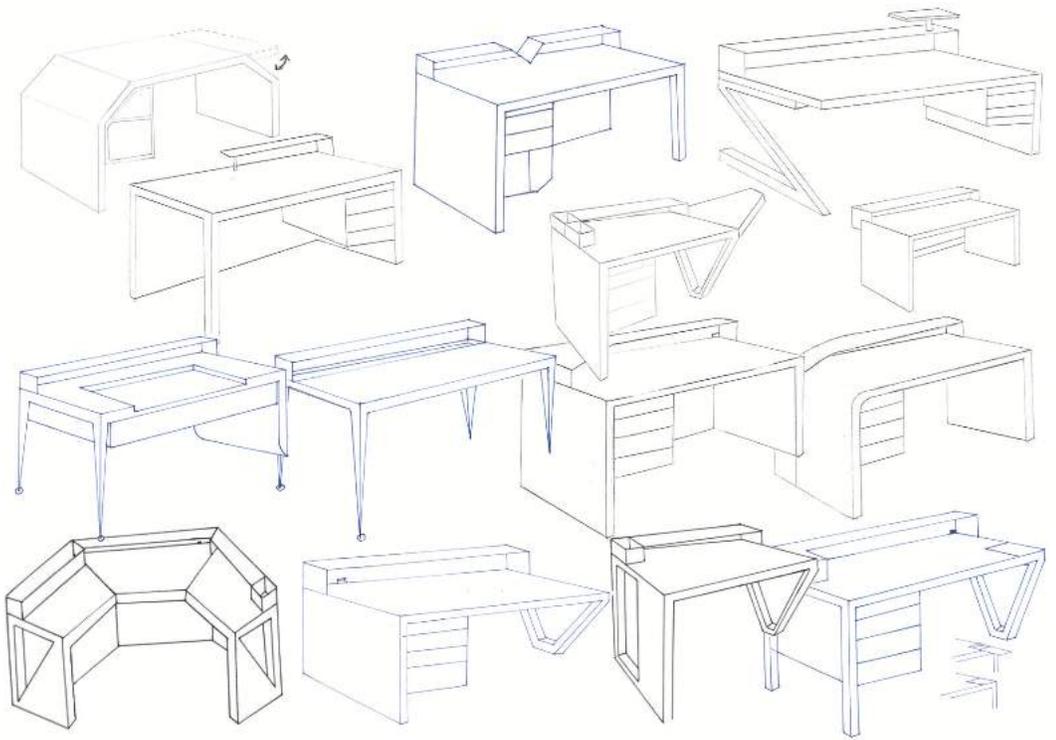
Kimberley Ambrose

kimberleyd_ambrose@hotmail.co.uk

Cadence (*left*) is inspired by a need for compact yet functional furniture, Cadence incorporates current market trends with simplistic design to fit consumer desires. Each induction-powered stem of Cadence can be hung from desks, wherever needed, using conical springs, with copper shades for specific purposes.

The cake wrap (*above*) was created to combat the amount of space baking tins take up in a cupboard whilst creating a more enjoyable baking process. All parts included lay flat for easy storage and the single silicone strap fits all size bases. Once baked in, it simply peels off the cake to avoid any damage in the removal procedure.





Hudson Archer

hudsonarcher@hotmail.co.uk

EP (*left*) is a lamp designed specifically for bed time readers that struggle with the positioning of their light source. It features a unique slotting feature which allows the user to position the lamp in the desired position for a better reading experience.

V (*above*) is a working desk designed for a young professional person who may need to work from home. Its primary purpose is to keep the desk rid of clutter and supply additional storage for the user. The desk is a good size and is designed to fit into the trickiest of places.



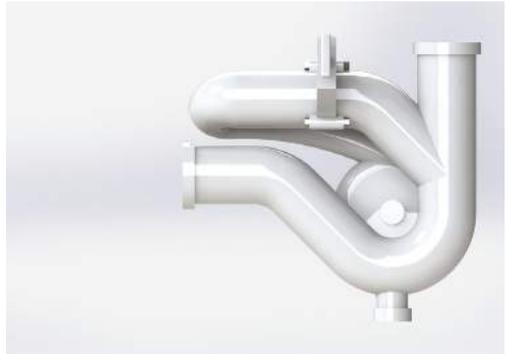


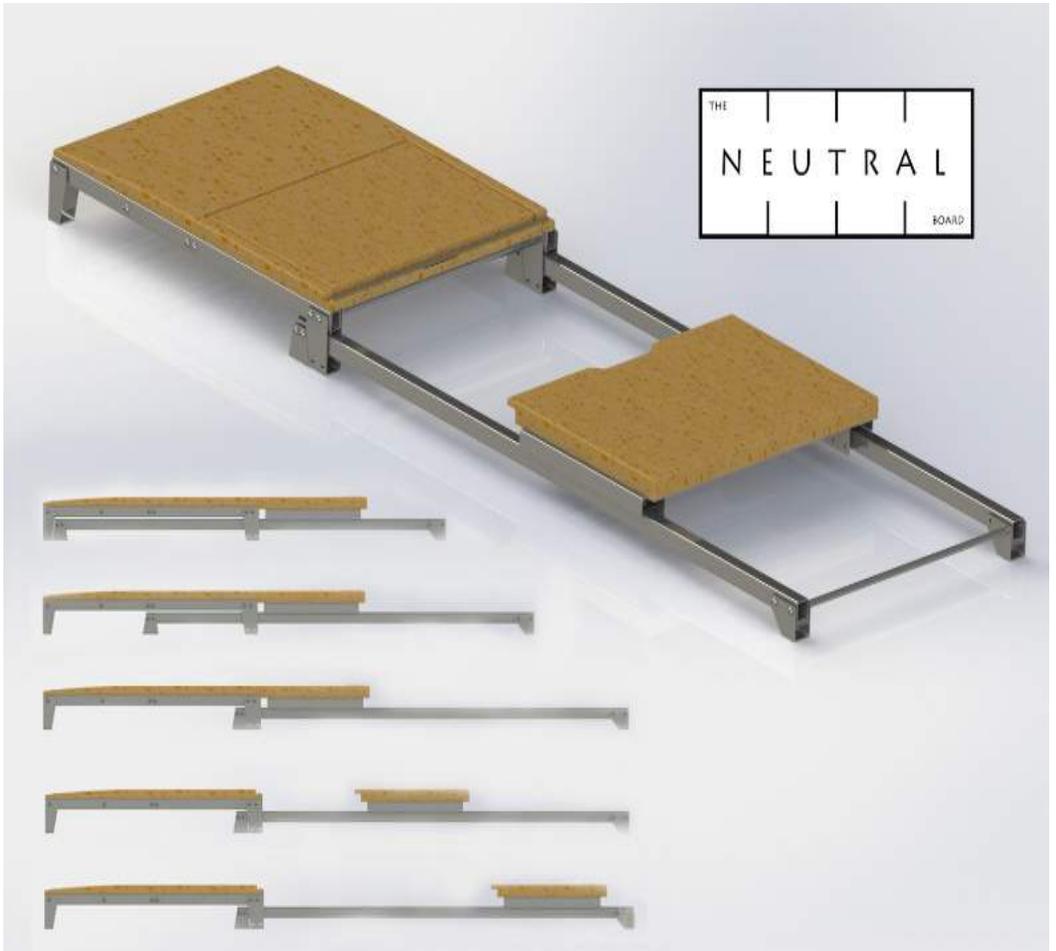
Francesca Auld

francesca-auld@live.co.uk

Liberty (*left*) is an alternative to traditional travel pouches for women. Its versatile design can be worn back to front and offers comfort, confidence and freedom to its user to ensure personal items are kept secure when travelling.

Origin tonic (*above*) has been designed to revitalise the world through charity endorsed drinks. Together with the use of the highlighted origin map and outer packaging, origin aims to provide charities with a platform to raise awareness and support.





Harry Back

harryback@gmail.com | uk.linkedin.com/in/harryback

TurboClean (*left*) is a replacement sink trap that enables the cleaning & maintenance of nearby pipes & fittings. Utilizing a retractable auger housed in a compact, water tight unit it swiftly pushes waste on with no mess. Features interchangeable heads for stubborn blockages. Intended for commercial deployment.

Neutral Board (*above*) provides a platform where controlled movement is used to increase single leg strength & stability. Intended for users experiencing non-specific back pain as well as being an excellent tool for mid-end stage rehab. Single leg theory is explored in depth to provide the maximum support possible.



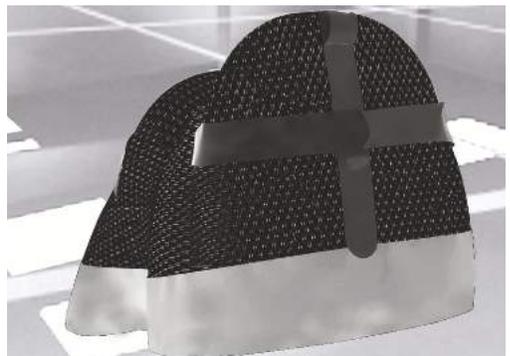


Lukas Bialkowski

lukasz.bialkowski@hotmail.co.uk | <https://www.behance.net/lukasbialkowski>

Timo (*left*) allows consumers to use their favourite spices using one 'jar'. Spices are stored in the six slot refillable design, which requires to purchase spice cartridges made out of biodegradable plastic. It aims to cut down the glass waste, it also focuses on organization, ease of use and improvement of cooking experience.

Mojito being the most popular cocktail in the UK, is only consumed in bars. Whether it is an upcoming hot summer or a house party, Gozar (*above*) will help you become a great bartender with no hustle. Little details like aged wood or linen rope, will take your mind to the Caribbean beach bar, while you sip on the refreshing Mojito.





Devon Blackwood

DevonBlackwood@hotmail.co.uk

Pure Step (left) is a surgical nursing shoe for use in operating theatres, designed to reduce the spread of bacteria throughout the hospital. It utilises a detachable sole preventing the spread of germs & infection's. It uses smart ventilation materials to increase comfort and enhance antibacterial properties.

Kit Uzima (above) is a first aid response anti malaria kit, which is deployed via air drop to the rural areas in Sub Saharan Africa. Used as an emergency measure to control future malaria endemics by providing, a rapid diagnosis test, mosquito nets and anti-malaria medication kept cool utilising solar panels.





**NIMBLE
ACCESSORIES**

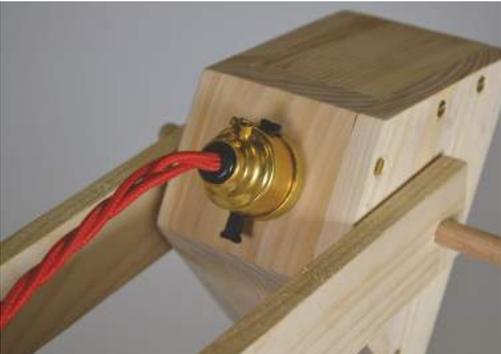


Emily Borton

emilyborton@hotmail.co.uk | www.emilyborton.com

'Tog' (*left*) is a multipurpose, solid ash kitchen bar stool, with a design that focuses on quality and personalisation. The toggled cord compartment can be threaded in a number of different configurations to suit the storage requirements of each individual user.

'Nimble Accessories' (*above*) is a range of purses and wallets that have been designed to relieve the stresses of shopping for users suffering with low dexterity, promoting the use of contactless card payments and simplified coin access.





Adam Brookes

adamjbrookes@gmail.com | www.adambrookesdesign.wix.com/portfolio

Plight (*left*) is a contemporary desk light made using 100% reclaimed pallet wood. The light position can be altered by using its arms and the pivot points on the lamp head. Plight avoids the use of adhesives, which gives the light a definitive green feel.

Aquaspray (*above*) is a reusable sports bottle that has been designed to provide a much more hygienic drink. The chin rest allows multiple users to share the sports bottle without getting saliva around the mouthpiece. Aquaspray rethinks the drinking experience and increases the fun factor when used.





Lewis Burton

lewthebrewdesign@outlook.com | www.coroflot.com/LewisBurton

Harold (*left*) is an industrial and modern concrete lamp made from two raw materials; steel for the structure/shade and concrete for the base. Finishes range from brushed steel, copper and powder coating. With its minimalistic and raw design complimented by copper details, Harold can fit into any urban environment.

Mechanical moth (*above*) is a modern timepiece for the everyday man that offers a unique concrete face. To compliment, a steel casing with a titanium or gold finish enhances the overall style. Offering the user originality, the timepiece is customisable to suit their activities with interchangeable straps and details.



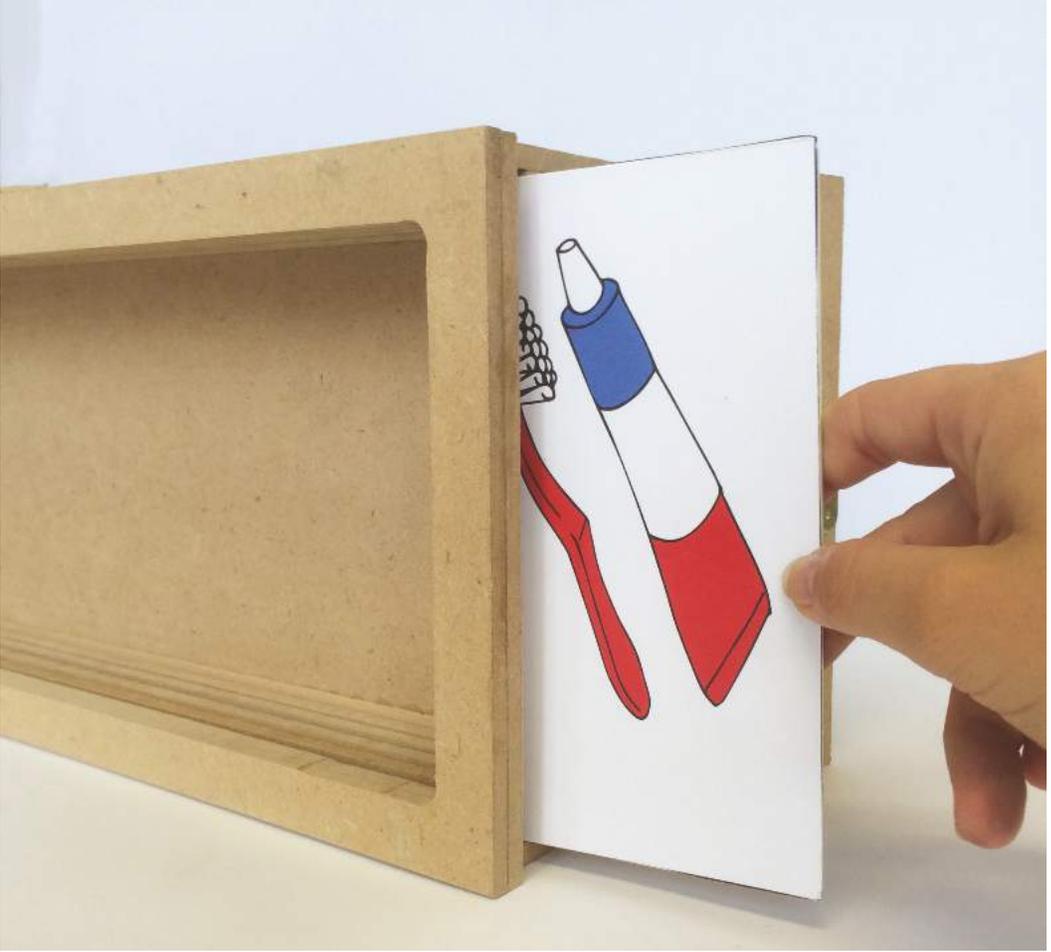


Nick Busby

nickbusbydesign@outlook.com

Balance (*left*) tackles the three largest areas of household food waste; vegetables, rice and pasta. The nature of the design allows the user to measure out a portion of food based upon government guidelines. The food is then transferred for cooking and Balance can be cleaned, all with speed and ease for modern day living.

The Dementia Experience (*above*) is a pop up service that allows the user to feel what it is like to have dementia. This experience creates a feeling of empathy in the users, aiding to their understanding and awareness of the disease, by doing tasks such as making tea.





Kelly-Marie Cairns

kellymarielouisa@hotmail.com

This visual aide (*left*) is for people with early stages with dementia in every day tasks such as washing hands and brushing teeth.

Feeling Autism (*above*) is a system created to help students with autism communicate their emotions with their teachers. The watch allows the students to communicate their emotion and is paired with an app that syncs their emotion every 15 minutes to create a progress report.





Hannah Catton

hannah.catton.design@outlook.com | uk.linkedin.com/in/hannahcatton

All black everything (*left*) is a part of a range of jeans dye kits created for Topshop. The kit aims to encourage consumers to revamp old jeans, instead of buying new ones. This kit is unique due to the new dye format, the dye is compressed and shaped into cupcakes giving consumers an extra surprise when opening.

Onewpot (*above*) aims to encourage consumers to eat more fish. It has adjustable shelves inside which allows users to steam, roast, poach and more. This variety of different cooking methods gives consumers the flexibility of cooking and increases consumer's knowledge about fish cooking.



ម៉ាមាស៊ីម៉ាមា
MAMA'S BAG



Don't let a great mama nature one bag at a time



collection of disposed plastic bags on the streets



upcycling of collected waste plastic bags



discourage burning of plastics as a way of disposal



transition of people's behaviour from plastic bag abuse to re-using durable carrier bags

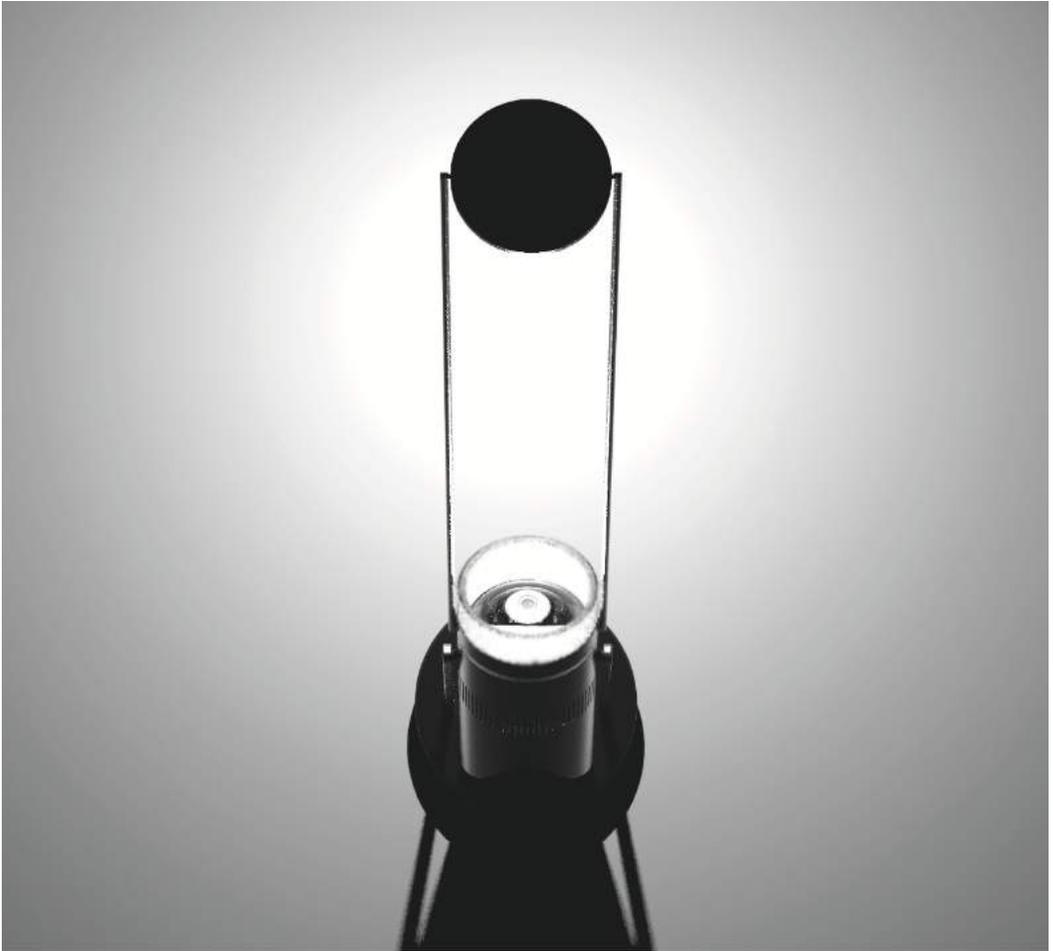


Tiff Chau

www.tiffchau.com | hello@tiffchau.com

MAMA's BAG (left) is an initiative that aims at not only upcycling waste plastic bags on the streets of Cambodia, but also encouraging a cultural paradigm shift towards healthy usage and proper disposal of recycled plastic bags; through MAMA's BAG, itself a recycled durable shopping bag, and an associate public reward system.

CHUTA (above) is a solution to the common frustration of dripping liquid during and after pouring. Made of hydrophobic stainless steel, the spout is formed to cut off liquid flow effectively with no hassle; the unique lip design catches any unlikely drip and feeds it back into the container. Comes in 3 models to fit most.



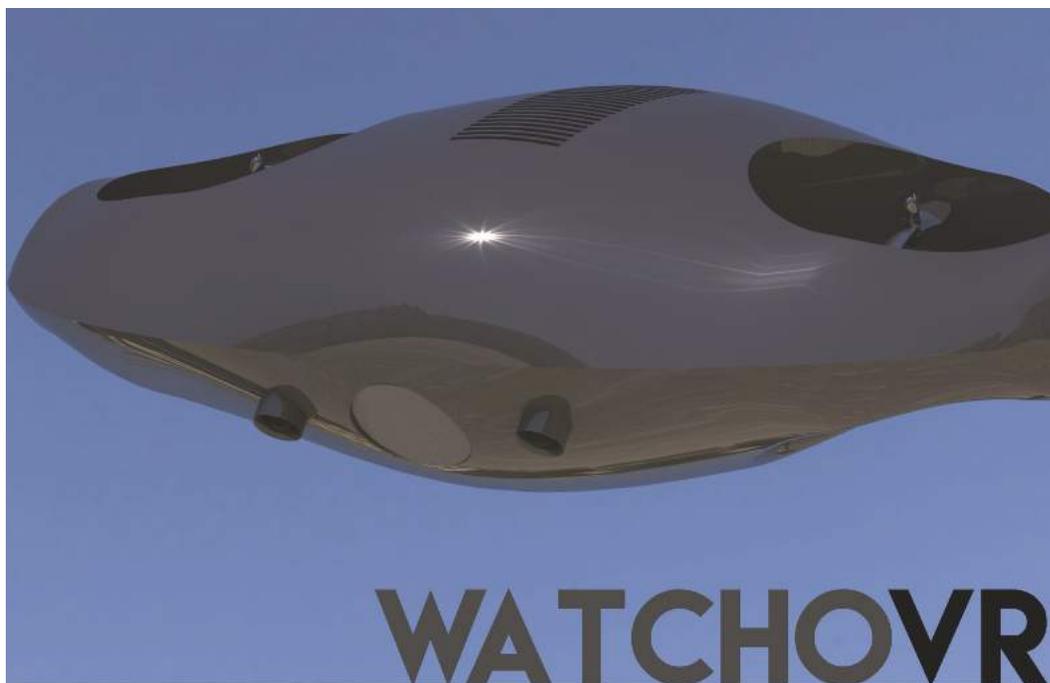


Ted Chow

tedtatdesign@gmail.com

R. (*left*) is a desk lamp/ ambient lighting. It can be adjusted by one hand and it is 360 degree rotatable for all around lighting.

Ben (*above*) is a chair focusing on the lower back support, it can be sat facing front or back. The moving flap provide a unique sitting experience, reimagining the movement of chair.





Matt Cole

matt@colepowereddesign.com

Watchovr (left) is a concept drone-powered surveillance system designed for use in the police force. It utilises state of the art materials and technologies to be robust and safe enough for use in public. Such units would allow officers to patrol larger areas while driving and facilitate enhanced observation.

Experiment 17 (above) is an exhibition piece that utilises the refractive-index-matching properties of Pyrex glass submerged in glycerine, to inspire curiosity and wonder in the viewer, and to encourage future designers to experiment with chemistry and unusual properties in materials.





Lydia Denton

lydiadenton@hotmail.co.uk

Vanité (*left*) is a contemporary dressing table designed to simplify the female beauty routine. The dressing table lid lifts up to reveal a mirror, jewellery storage, plug sockets and a heat proof mat. Housed beneath is a large drawer for cosmetic items with an open storage system beside for items which are frequently not put away.

Decora (*above*) is an environmentally friendly alternative to the standard ceiling light. Inspired by the recycled wine bottle and focusing on the life cycle of a product, each component can be recycled again when no longer needed. With good intentions in mind, the hope is that this lighting piece will encourage recycling in the home.





Louis Devall

Louis-devall@hotmail.co.uk

Ethical Eatery (*left*) is an ethical based approach to the restaurant industry, looking to employ and train homeless and disadvantaged people, intending to change perceptions in the process. With seasonal created menus encouraging diversity in diet, alongside an emphasis on fresh, local and vegetarian food.

The Hub (*above*) is a stylish charging solution created for Moree Ltd. Discreetly housing up to eight power charging outlets meeting the diverse needs to consumers. Whilst softly lighting its environment in the simplistic style of Moree.





Charlotte Doorbar

www.charlottedoorbar.co.uk | contact@charlottedoorbar.co.uk

GlØde (left) is a range of lamp shades developed to challenge negative pre-conceptions about corrugated cardboard. Each shade gives an individual, warm glow and casts different shadows depending on positioning. They're 100% recyclable and coated with an eco-friendly fire retardant coating for safety.

Honest (above) is a brand of food products with easy to open packaging, focusing on encouraging consumption of anti-inflammatory foods with added fibre and vitamins, recommended for sufferers of Arthritis and Parkinson's. The packaging has been developed to maintain structural integrity whilst easy to open.





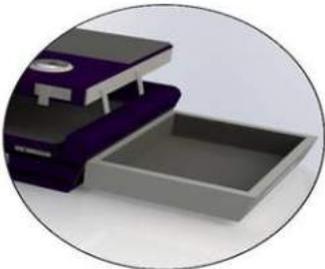
Brandon Evans

Brandon@pickleddesigns.com | www.pickleddesigns.com

The 'Verser-tile' (*left*) range looks to bring style, elegance and simplicity to the home environment. The beautifully moulded tiles come in three vibrant textures to suit every budget and taste. Verser-tile prides itself on their eco-friendly approach to the industry with their recyclable HDPE tile selection.

The 'A-Frame' (*above*) with its unique universal features offers those that are visually impaired an easy and straight forward method of scanning or reading documents. With a simple motion the structure can quickly be transformed into a display stand, making a perfect platform to use the device on a daily basis.



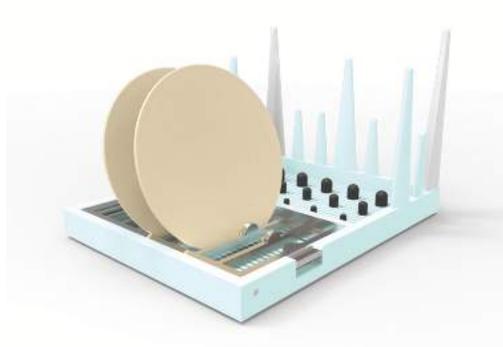
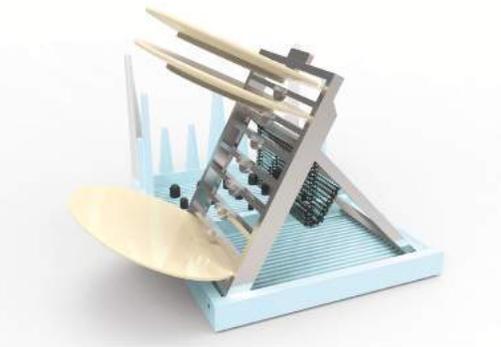


Gregory Fowler

gmfowler@live.co.uk

Poise (*left*) is a minimalist aluminium extruded desk lamp for the creative professional to aid in their creative endeavours. The fixture comes complete with simple posture manipulation capabilities, and is powered by and utilises energy efficient technology in the form of LED strip lighting.

OneCase (*above*) is a condensed profession driven valise and carrier for business and immediate essentials alike, from tools of the trade to simple travel documentation and personal effects. OneCase also comes complete with traditional analogue time zone clock displays for scheduling and organisation.





Toby Goodman

tobygoodmandesigns@gmail.com | tobygoodmandesigns.weebly.com/

Cascade (*left*) is the organised drying rack, which brings a new way of organising washing up. From the unique drying pillars and fold out plate rack, this compact design means more can be washed and stored without hassle.

Compact Cot Tent (*above*) is a compact, lightweight cot tent for cyclists and hikers, which allows for a comfortable nights sleep.



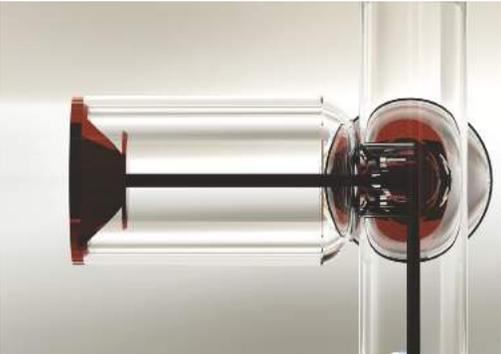
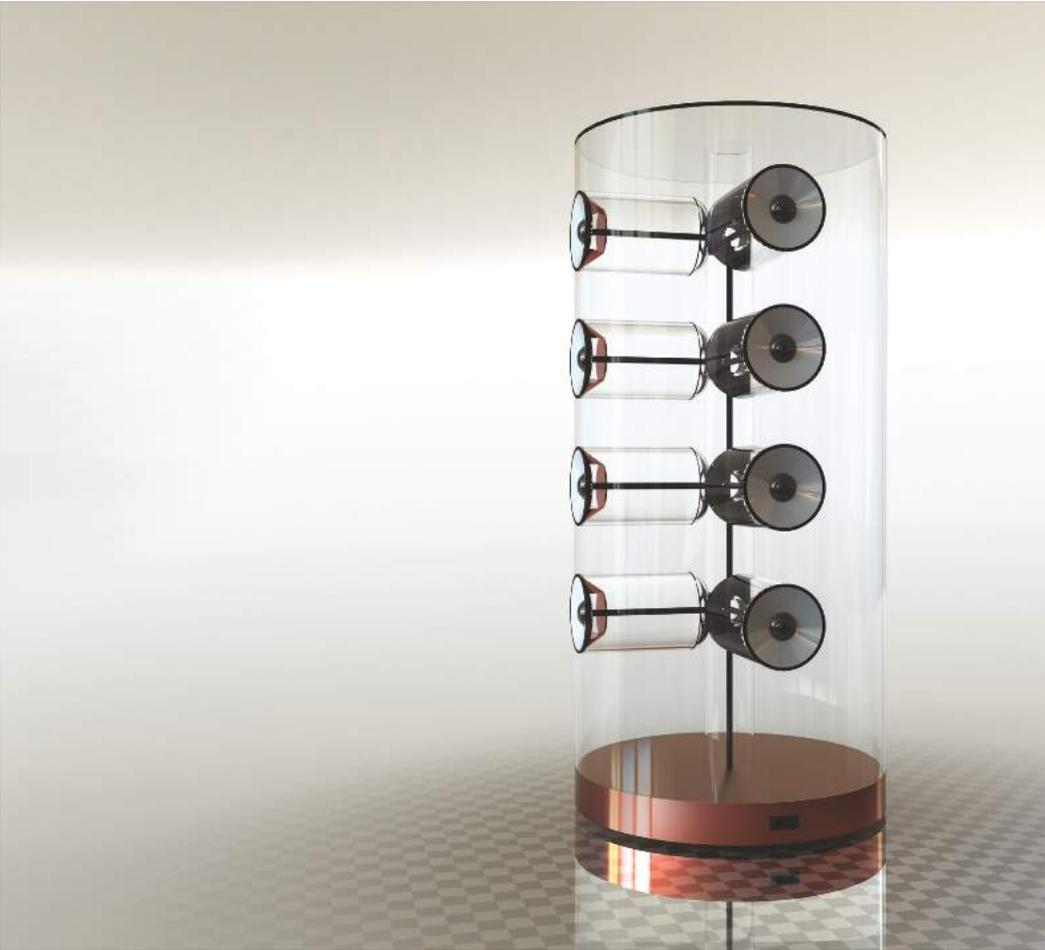


Alex Hammond

alex_hammond.94@hotmail.com

Neutral (*left*) is a task light for the home office. Neutral investigates blending home and office lifestyles by focusing on industrial and modern aesthetics with neutral tones to compliment the home environment. The design features an adjustable chrome knuckle joint and built in cable storage solution.

Trace (*above*) is the next step in operating theatre personal protective equipment. The over shoe is designed for fast application and to protect the user and their apparel from contaminants during surgery. Trace uses specifically manufactured non-woven materials and a focuses on recyclability.





Sean Harrington

sharrington625@googlemail.com

Bottled Sound (*left*) is a unique speaker system inspired by Vodka bottles that celebrates glass as a material whilst providing a high quality sound. The speaker is a concept piece aimed for the corporate market. Eight glass Absolut Vodka bottles are encased in a poly-carbonate shell and mounted on a copper base.

Hex (*above*) is a concept food storage range for the commercial market. Utilising a concept material that is capable of a change in colour in the presence of particular aminos, amines and bacteria produced by food that is reaching the end of its edible life and reversed via a wash at temperatures of 70oc and above.





Ryan Harvey

ryanh_93@hotmail.co.uk

Tyve (*left*) is a table lamp that takes its name from the Danish for the number 20, the amount of faces on the geometric shape. The clean aesthetic of the lamp is inspired from Scandinavian design and is formed from a single brass perforated sheet that is folded into position and finished with a 3 core burgundy braided flex.

This twin appliance designed for Dualit (*above*) creates the perfect breakfast experience as a responsible, eco product. Induction heating reduces waste energy and increases control for the perfect toast or toasty. The mini kettle discourages excessive boiling and combining the products aims to reduce waste.





Suzannah Hayes

suzannahhayesdesign@gmail.com | www.coroflot.com/suzannahhayes

Stability (left) is a range of products including an induction heated teapot kettle, a milk jug and a sugar bowl, which provide a simple and stylish solution to help people with a tremor to safely make a hot cup of tea. The central pivot on the teapot kettle allows the product to be easily tipped whilst still being stable.

Peelings to Seedlings (above) is a range of products designed to encourage primary schools to waste less and learn more about composting by aiding the complete cycle from collecting waste to growing new plants. The rotating composter is safe and fun for children with a visible gear mechanism and large turning handle.





Max Holland

max.holland21@outlook.com | www.coroflot.com/maxholland

Luna (left) offers adaptable light directions, which can be playfully moved around to the users requirements. Using sustainably sourced cork it houses a bright LED bulb dimmed by an up-cycled frosted glass bottle, sitting on a minimalistic copper coated frame that can be situated in the working desk environment.

Armadillo Armour (above) is an impact protection jacket, aimed towards a more adventurous skier or boarder. A pull up protective helmet disguised in the hood and a Shoulder protector which straps around the body, allows for an easy and accessible method of protection keeping you safe on the slopes.



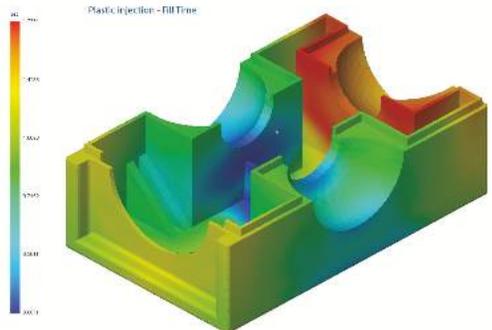
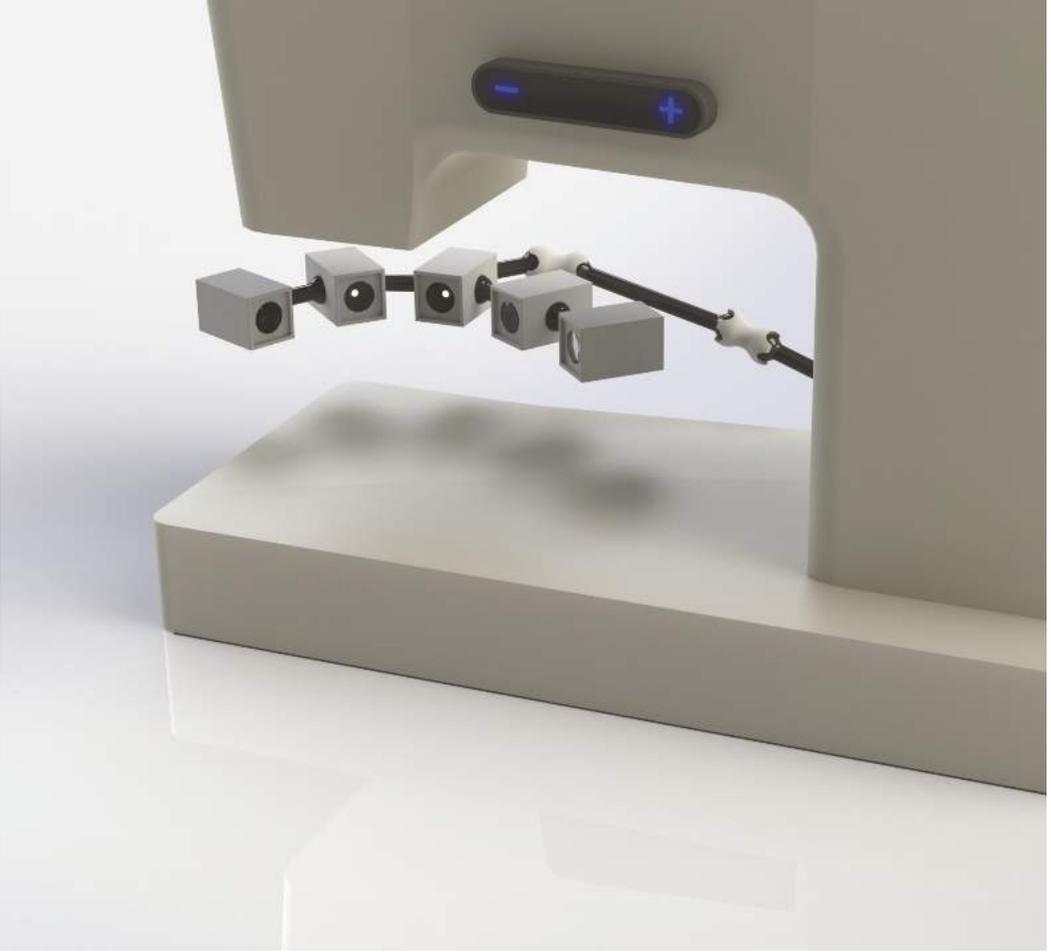


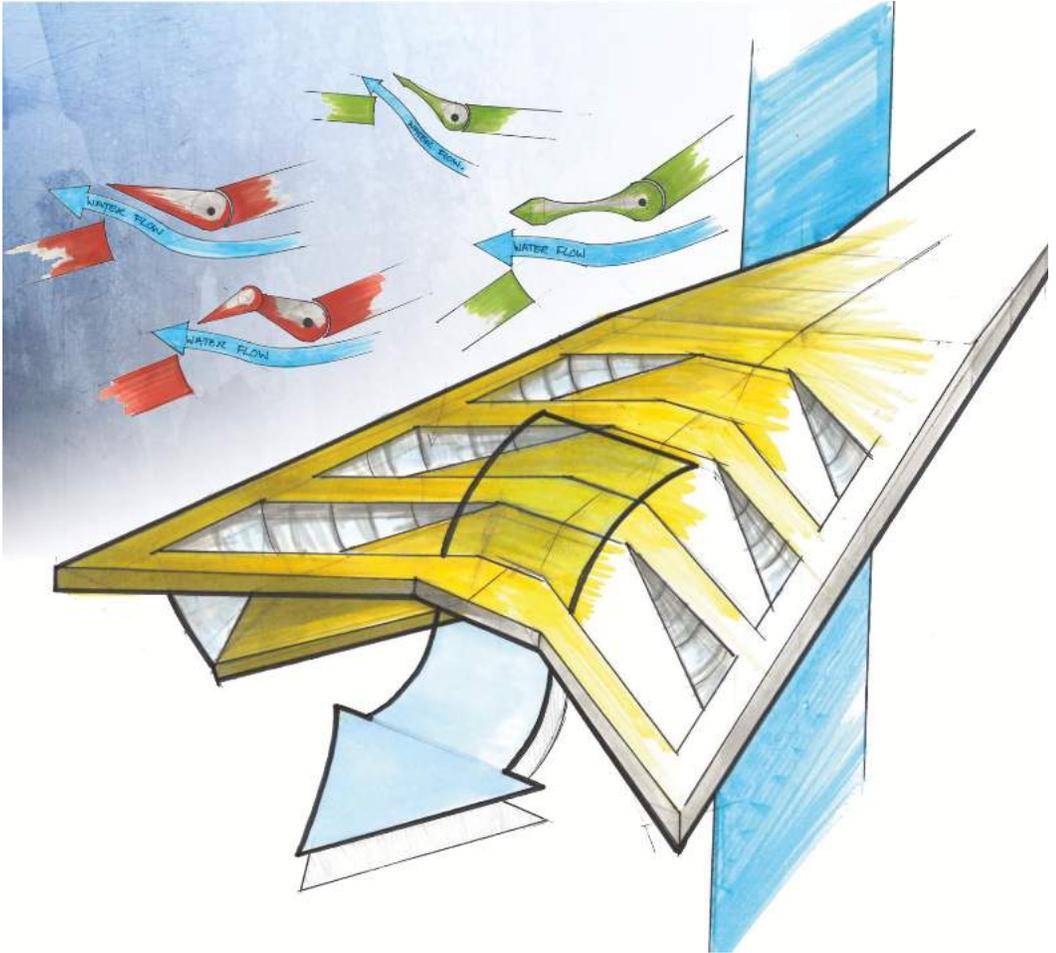
Rory Howard

rory@designedbyrory.com

Circa (*left*) is an elegant task light with user work and relaxation routines at its core. Using its inbuilt task settings and the time of day to adjust the quality of light it emits, Circa was designed to maximise productivity and reduce the risks of sleep disruption attributed to exposure to artificial light.

The countertop Eco Smart Oven (*above*) utilises connective technology to deliver an unparalleled cooking experience for the modern home. By focusing on user behaviour, the oven and app deliver a range of features to empower energy awareness and reduced consumption.





Adam Humphries

Ahumphrf@hotmail.co.uk | uk.linkedin.com/in/adam-humphries-b1692582

SOLIS (*left*) is a multidirectional task light designed for use with a sewing machine whilst not obstructing the user or the fabric. The product uses super bright daylight LED's to illuminate the sewing machines work area while portraying the fabric in its true colour.

Hydra Finsh (*above*) incorporates the theory of using flaps to direct water into the design of scuba diving fins. The intention of this is to increase propulsion in the desired direction whilst reducing effort and force put in by the diver. In turn reducing chances of cramp and decreasing air consumption during the dive.





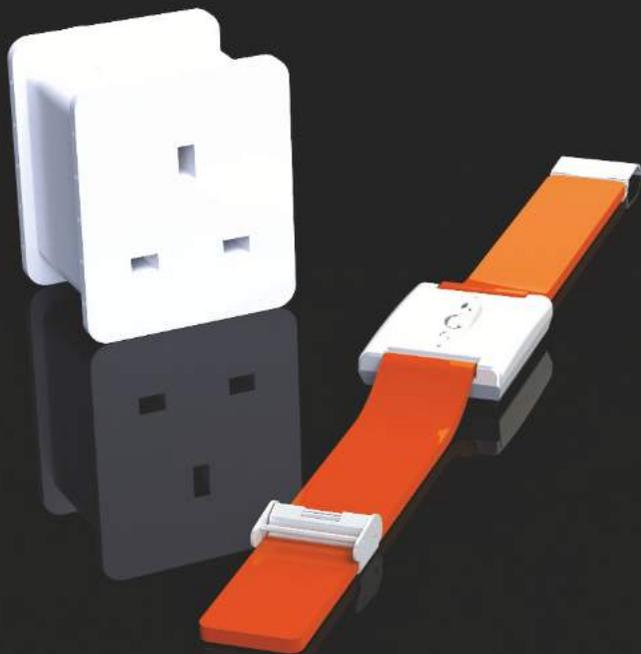
Aleem Islam

aleemislam@outlook.com | uk.linkedin.com/in/aleemislam

Vinny Pendants (*left*) is a range of pendant light fittings created through using a unique thermoforming process in which discarded vinyl records were formed into the light shades and timber offcuts were hand turned and waxed using the lathe to create the top pieces.

The JP Helmet 1.0 (*above*) is a helmet designed for American football to stimulate a change in attitudes and behaviour. The design encourages players to be more conscious of how they use their head during gameplay, lowering the number of unnecessary head impacts and eventual brain related diseases such as CTE.





NOTIFIRE





Mathew Jennings

designbymjuk@gmail.com | www.designbymjuk.com

The NotiFire (*left*) is a wearable fire alert device for the deaf and hearing impaired. The device uses sound reception technology, powerful vibration and LEDs to warn the user that a fire or carbon monoxide alarm is sounding, allowing the user the confidence to have the same freedoms and choices as those around them.

The Trap-A-Fly (*above*) is a decorative, table top, insect light trap designed for front of house use in the hospitality market. Incorporating UV LED technology with an adhesive glue trap and a bulb change indicator; Trap-A-Fly helps to maintain a hygienic and comfortable no fly zone in any customer facing environment.



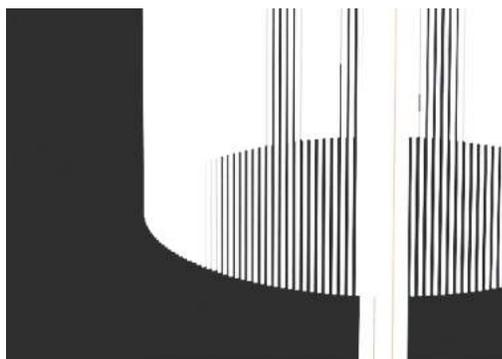


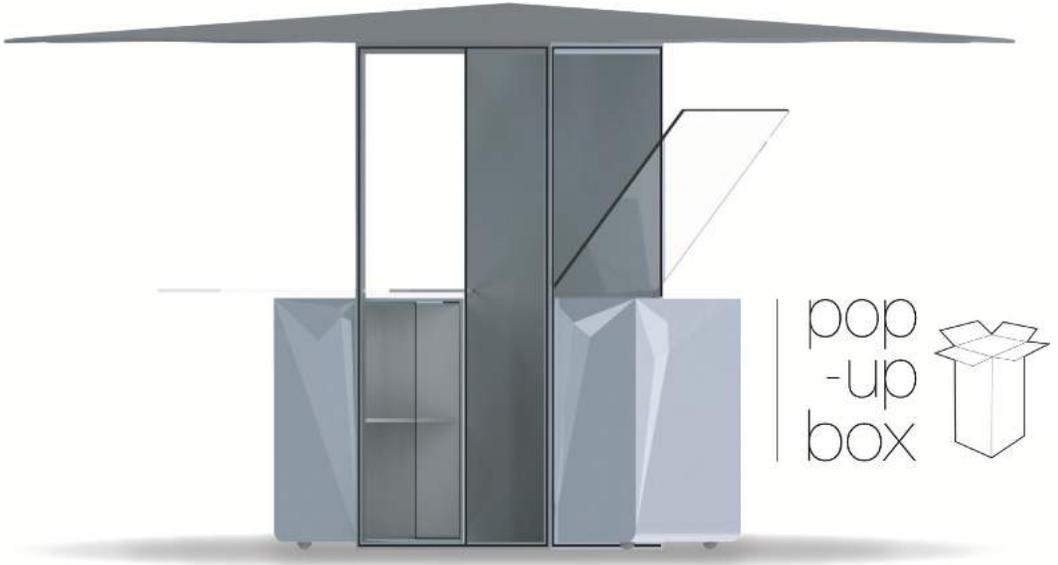
Jack Johnson

JackdorDesign@Outlook.com | www.jackdordesign.co.uk

Ombra (*left*) by Jackdor is a shadow casting pendant light inspired from coral and created using a 3D pen. It introduces nature into the home and eases the transition into relaxation by creating a new environment. "Nature restores mental functioning in the same way that food and water restore bodies." (Alters, 2013)

Moss Purification (*above*) by Jackdor is a natural solution for poor air quality in offices situated in cities with high levels of pollution such as Beijing. Through research it is revealed that Moss has the ability to remove carbon dioxide amongst other pollutants from the air whereas traditional air purifiers do not.





Samuel Johnson

s.p.johnson@hotmail.com | www.deenodesign.com

Fall Lamp (*left*) is a table light for the home that incorporates fibre optic cables to increase the initial light emitted by LED's. Contrasting with a hand crafted dark walnut frame and aluminium rings Fall Lamp suits homeowners 30-45. This project was inspired by reflection and making a lights path visible.

Pop-Up Box (*above*) is a project that transforms the current glass BT phone box into a space new businesses can test out new products. It's aim is to help up and coming businesses as well as the general public, turning an obsolete technology into opportunity.



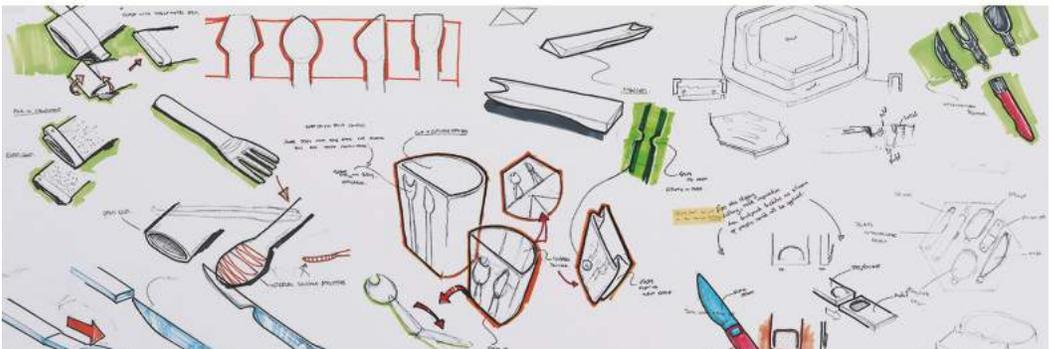
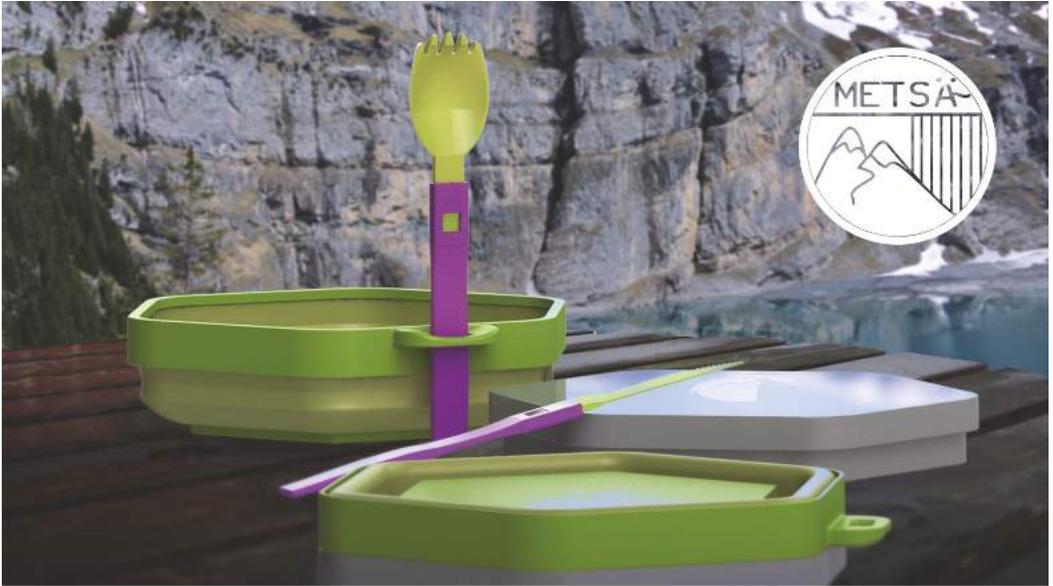


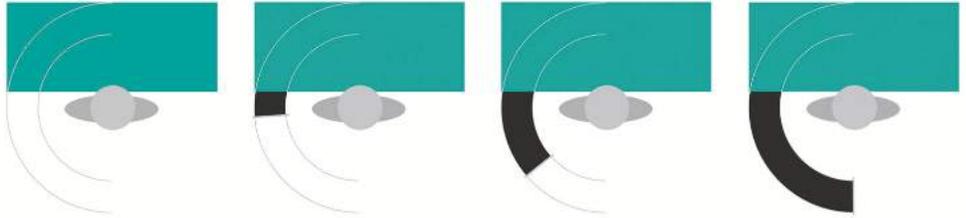
Joshua Kaye

joshuakayedesign@gmail.com | joshuakayedesign.com

Svänga (*left*) is a multifunctional table with two different positions, enabling it to be used as a coffee table, dining table or desk. It was designed for small space living, whilst also catering for the growing number of home workers. The design comes fully flat-packed, keeping both costs and lead times manageable.

The *Snowpole* (*above*) is an accessory which allows users to easily switch between filming themselves and their surroundings, without needing to make any manual adjustments. Whatever camera is attached to the *Snowpole* can be turned 180 degrees with the press of a button, allowing for seamless dynamic footage.





TRANSCEND

Go beyond your workspace



Annie Lewis

annielewisdesigns@gmail.com | www.annielewisdesigns.com

Metsä (*left*) is a camp set of utensils, a expandable bowl and cutting board. Interchangeable utensil heads and handles clip into the lid, which also acts as a chopping board on the reverse. All parts come together, so you can easily store everything you need to eat outdoors inside your bag.

Transcend (*above*) is a new take on the modern user's workspace. It features storage that expands around the user, allowing for uninterrupted workflow and aiding in seamless task completion.





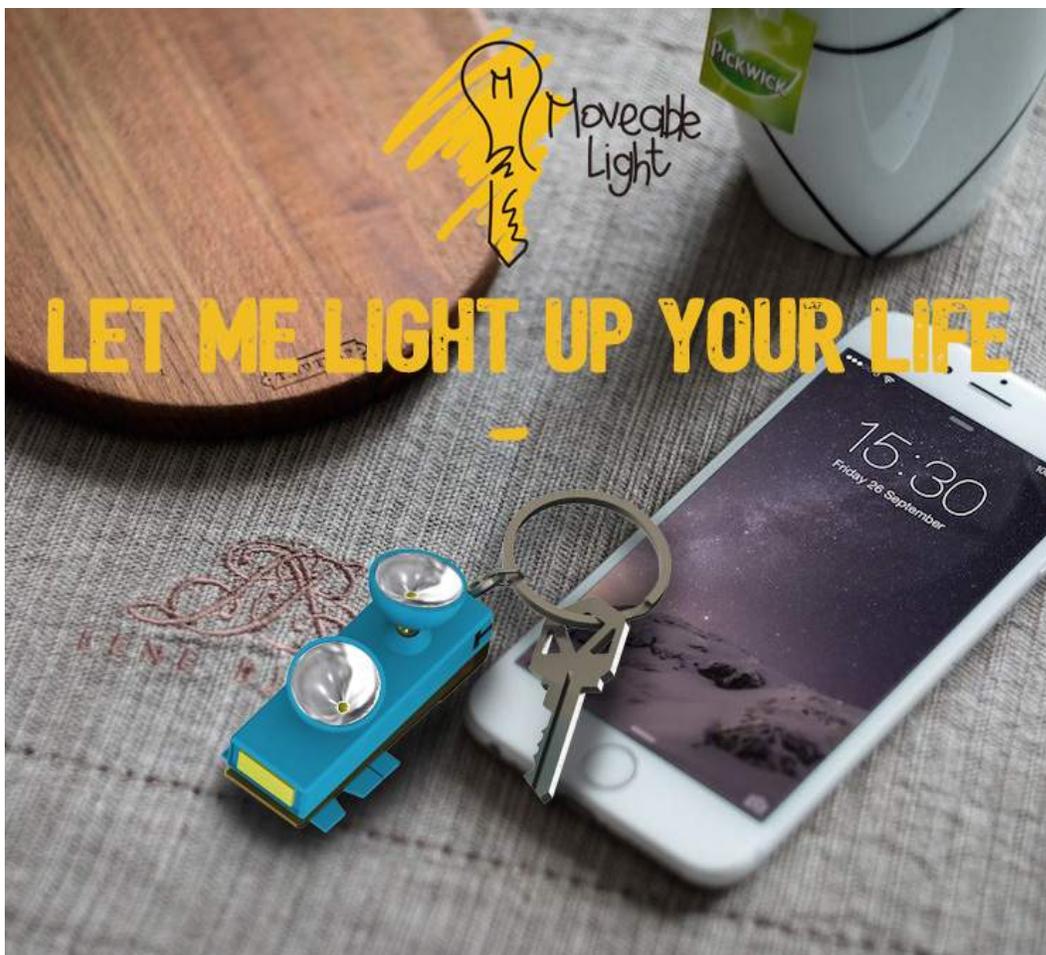


Peie Lin

lynlin1990@hotmail.com

SOCASE (*left*) is design for people to have a better experience during their journey. Included four 360 degree 'spinner wheels and quick access to simply open zipper and separate the small bag on the front of the luggage before you consign. The geometric design for the shell give a well protection for your stuff.

GROW (*above*) is a kitchen garden with humidity-controlled cover, using wick hydroponic system and let your herbs growing in a hygienic environment and can be easily to clear. It giving you the joy of growing and spicing up your food with fresh herbs. Is inbuilt with a CFL grow light in the middle to promote growth.





Wing Lung

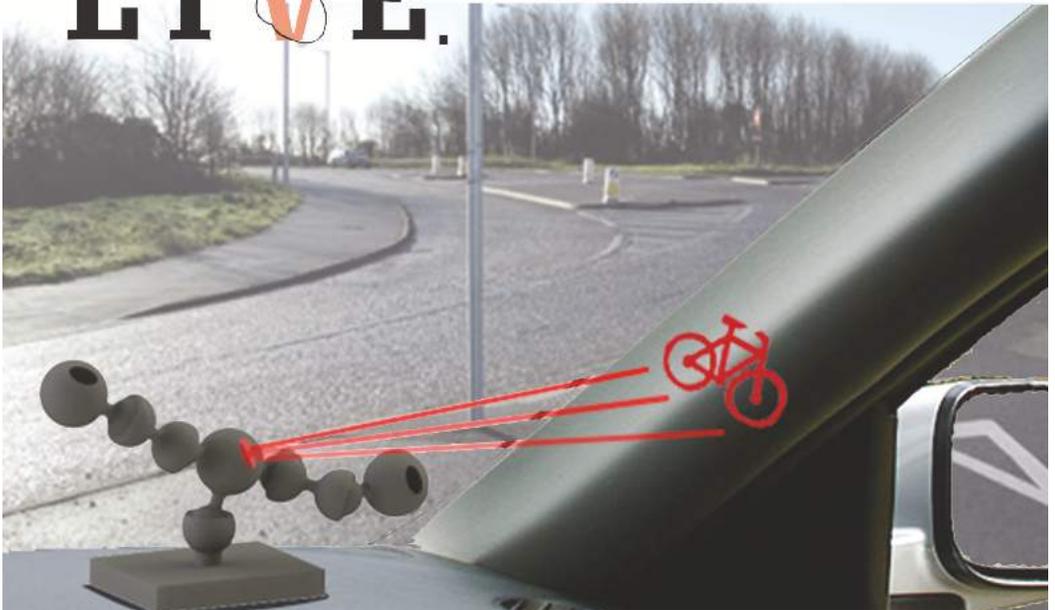
katekatelung@yahoo.com | cheerupkate.carbonmade.com

Movable light (*left*) is for guiding people in darkness. It can be clipped on clothes or caps and adjust the light angle as their need so people do not have to hold it during their work or exercise at night. Also, in order to keep people from forgetting to bring it, there is a connectable chain for people to chain it with their keys.

KAINN (*above*) is inspired by a dog's owner called Finn, and it also combines the designer's name Kate in the front. The design includes a chair which functions as dog seat. Made of fine ash wood and finished with comfortable seating, the chair also accommodates a space for your pets that can be used as a living space for your dogs.



L  **K.**
THINK.
L  **E.**

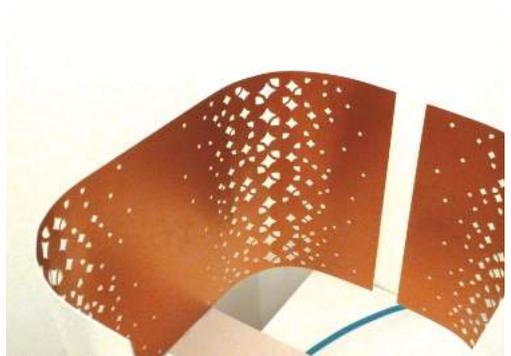


Laura Main

l-main@live.co.uk | www.linkedin.com/in/laura-main-4b027591

Denny (*left*) is an interactive product designed to encourage children to brush their teeth. Stars individually light up after a child has successfully brushed for two minutes. 14 stars, one week later, there is an opportunity for the user to receive a reward.

The Look-Think-Live System (*above*) combines an adaptable set of lights that are mounted on the dashboard of a car. The product utilises flashing light beams directed at the A-Pillars and peripheral vision to encourage car drivers to look out for more vulnerable road users.





Andrew Marsh

andrew.marsh.design@outlook.com | uk.linkedin.com/in/andrewmarshdesign

Böjd (left) is a table lamp inspired by origami techniques. The metal lamp is made from one single net that is bent and folded into place by hand by the manufacturer. By using this process, the lamp requires no fixings such as welding or screws, saving cost on manufacturing.

Ripe (above) is a fruit bowl designed to help reduce food waste within the home. Most fruit bowls are a ripening haven, however 'Ripe' has compartments inside which utilises the main cause of ripening, ethylene gas. It allows the user to stagger and control the ripening process, stopping the fruits from spoiling simultaneously.



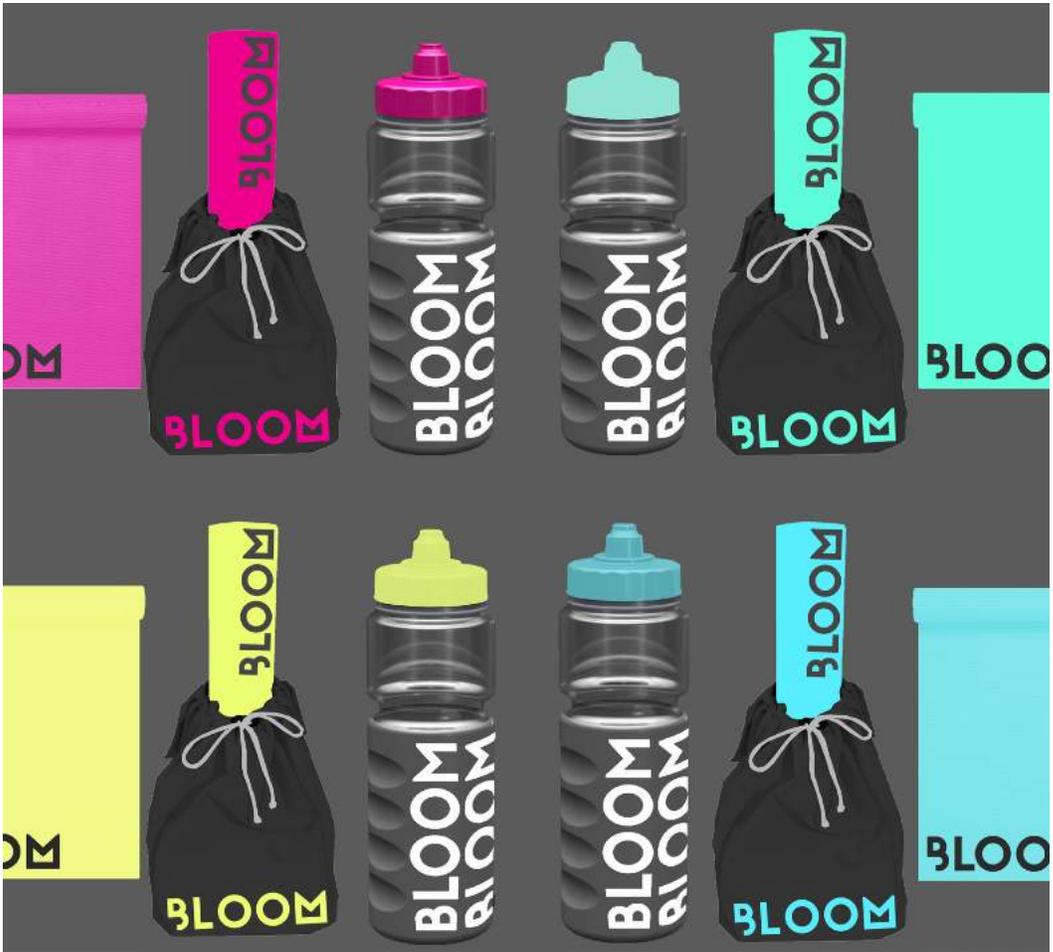


Abbey Martin

abbeymartindesign@gmail.com

Medi Men - The re-design of medical practitioner's footwear for use within the operating theatre. Whilst re-designing and developing Medi Men I worked closely with surgeon Dr Broniek at the Queens Medical Centre. He felt existing products were not particularly safe or suitable for the environment they were intended and

additionally were not comfortable after long periods of wear. Medi Men focused on enhancing the comfort and maximise safety.





The Complete Urban Gardening Kit



Rose Mayer

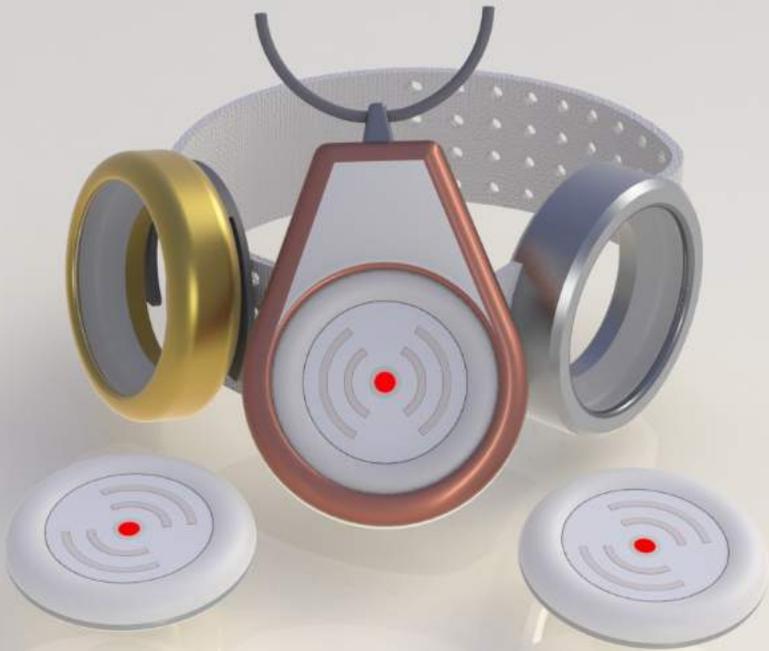
r.mayer1@btinternet.com

Bloom (*left*) is a workout platform that aims to inspire teenage girls, who are too intimidated to go the gym or unsure what to do at home, to exercise in order to address depression regarding their weight. An app featuring tutorials and support services is accompanied by a gym bag, mat and bottle with strong branding.

The Complete Urban Garden (*above*) is a range of holistic gardening kits in the form of a modular planter system. Each planter fixes together to create a customizable garden for urban environments such as rooftops, small city gardens and balconies.



FALLSAFE



Simon McDermott

simon@izane.co.uk | www.simonmcdermottdesign.co.uk

ARISINGS (*left*) is a sustainable pendant shade created from the bi-products of mass manufacture. Produced for today's market of buying quality over quantity, Arisings would fit comfortably in both a contemporary and homely space. Encapsulating wood shavings in bio-resin will mean not only will it produce a soft warm ambient light.

FALLSAFE (*above*) is a personal fall detector for the elderly. FALLSAFE uses positioning technology to accurately determine when a fall has occurred and trigger an emergency call. Designed to be versatile, FALLSAFE can be placed in a number of receptacles all of which can be personalised for the user.



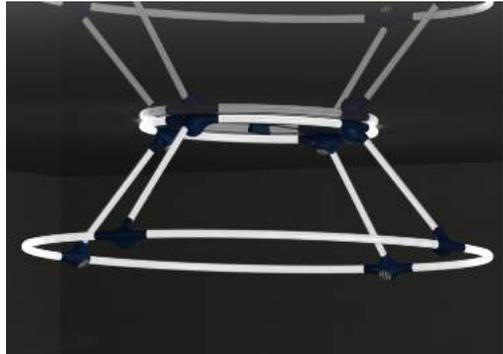


Chris Minns

cjmwoodbridge@outlook.com

The Arc desk lamp (*left*) is a design way before its time. The unique design utilises OLED technology's flexible structure through the lamp's elegant sweeping curve. The beautifully crafted copper detailing pitched against the deep black frame gives the lamp aesthetics relatable to the high-end market for which it is designed.

The Bike Rack (*above*) by CM Design is a functional and elegant solution to the increasing problem of storing bikes within the home. Made using turned oak and mirror polished steel, the Bike Rack embodies the characteristics of a quality piece of furniture whilst helping transition the bike into the home.





Kieran Moralee

kmoralee1@hotmail.com | uk.linkedin.com/in/kieran-moralee-497220b4

Light stream (*left*) is an innovative way of creating a shadowless operating theatre, using robotic lighting and fiberoptics to create ambient and focused lighting. Surgeons can pinpoint the light more efficiently without removing their hands from the operating table.

Telostretch (*above*) is a unique stretcher fitted into the frame of a rucksack, linking with the personal protective equipment worn by soldiers. Creating a rapid deployment stretcher working as a spinal splint, used for quick extraction of the patient from the battlefield.



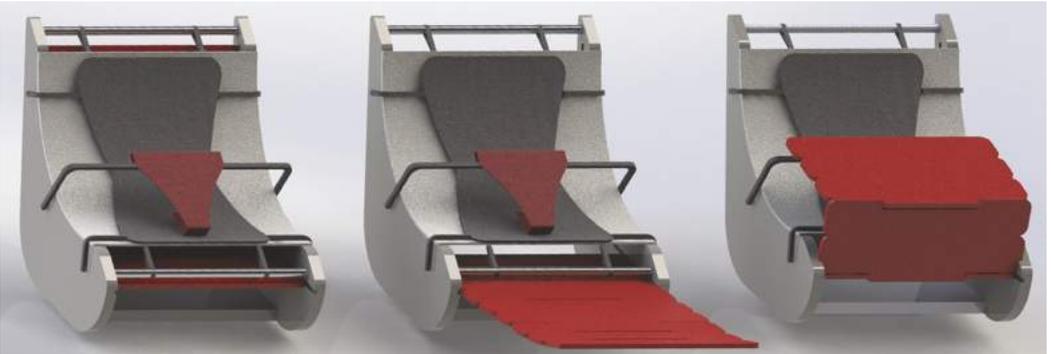
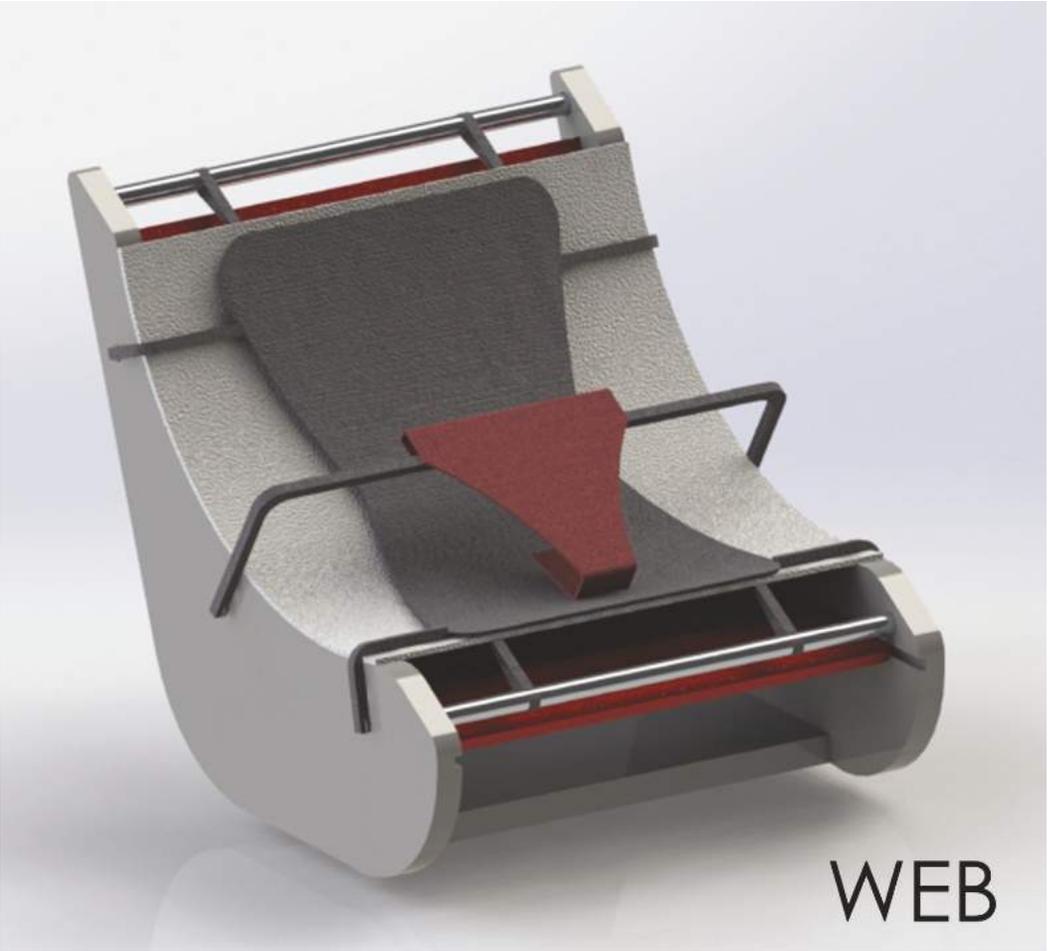


Tom Mounsor

tom_mounsor@yahoo.co.uk | uk.linkedin.com/in/tommounsor

The 'Flow Lamp' (*left*) is a porcelain lamp which allows the user to manipulate light strength and flow of light through the motion of turning. The lamp is designed to be the centre piece of any room giving off an ambient glow to illuminate the room. The lamp comes in a range of finishes to fit with different home interiors.

The 'G' Carry Stand (*above*) is a hardback guitar case that has the capability to stand the users guitar. The 'G' Carry Stand allows the user to carry and stand their guitar wherever they are without the need of an extra stand. Its lightweight and hardwearing allowing the user to transport their instrument with comfort.





Krishma Nagar

krishma_nagar@hotmail.com | uk.linkedin.com/in/krishmanagar

The Web baby bouncer (*left*) has been created with early teething babies in mind. Teething early can make feeding times quite a difficult task as the baby may not be able to sit upright alone. Web supports your baby's posture as they grow stronger and includes a convenient slide away food tray that can help at feeding times.

This project (*above*) has given me the opportunity to work directly with a client to improve the quality of operating theatre footwear that already exists. The idea of this project is to help create a product that can be kept hygienic at all times and that also provides maximum comfort to hospital staff throughout the day.





**inspired
designs.** 

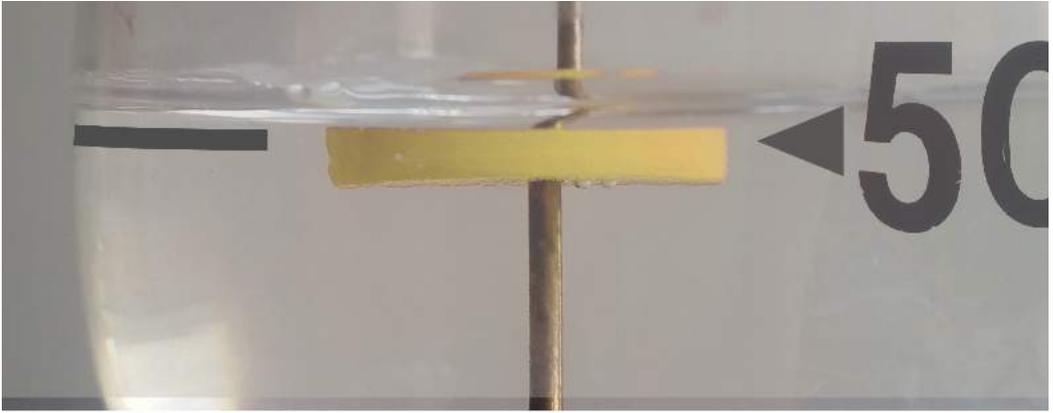


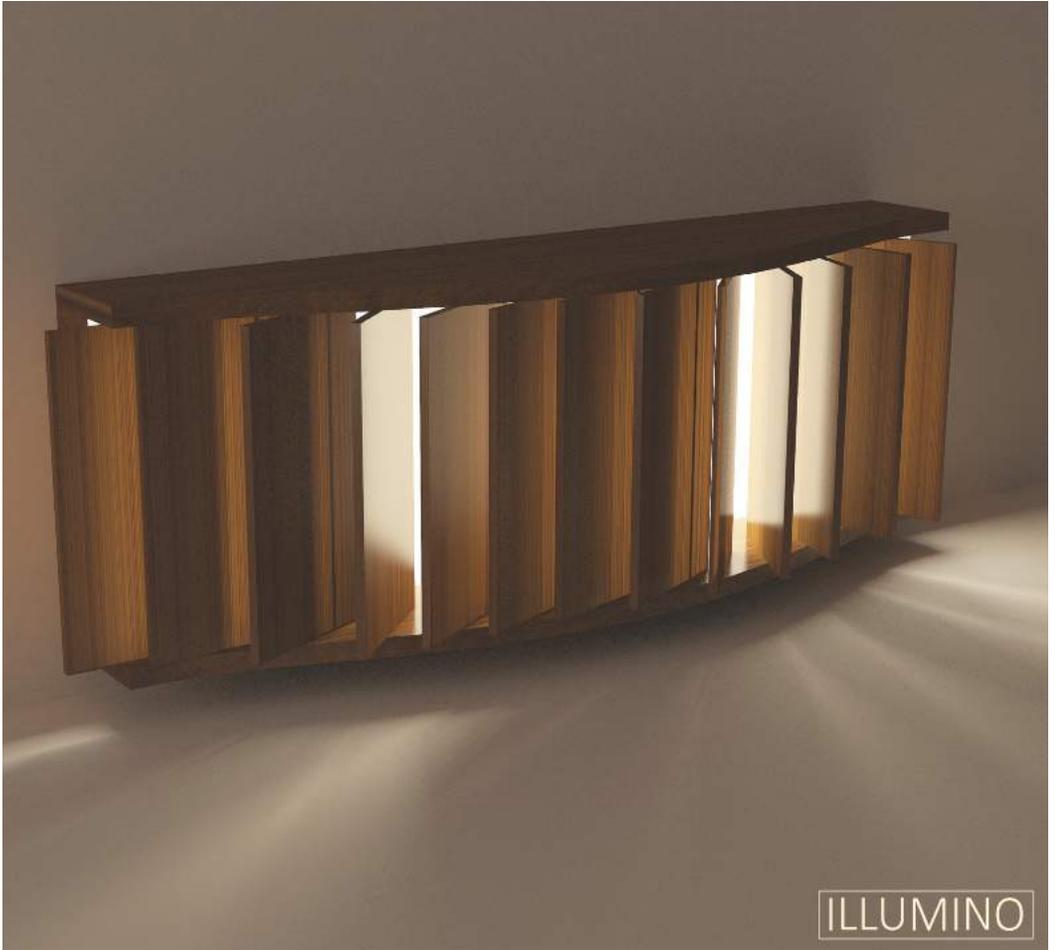
Richard Nelson

richardnelson33@gmail.com | www.richardnelsondesigns.com

The Print Easy Chair (*left*) is an easy to re-upholster armchair. A set of metal clamps allows the user to switch out the seat fabric in under 5 minutes. This, along with the minimal metal design, allows bold fabric choices to shine and progress with developing trends and age.

The Norway table (*above*) takes inspiration from Norwegian culture and aesthetics. Birch timber utilised in both traditional joints and CNC detailing tells of Norway's cultural transition, whilst brass adorns the table top, reflecting the jewellery of the Bunad, Norway's national dress.





ILLUMINO



Zoe Nurney

zoenurney@gmail.com | www.linkedin.com/in/zoenurney

Buoy & See (*left*) is a kitchenware range designed to be more inclusive for users with partial sight loss, by providing a more accurate and safe cooking experience. Liquid measurement is made easier by a float which rises with the liquid level, and buoyant knife handles are easier to locate while washing up.

Illumino (*above*) is a wall mounted interior light, designed to encourage playful user interaction. The use of a walnut veneer set in resin allows a soft glow through the panels from the LED lights behind. These moveable panels control the light intensity and direction, and allow dramatic domino-like effects.





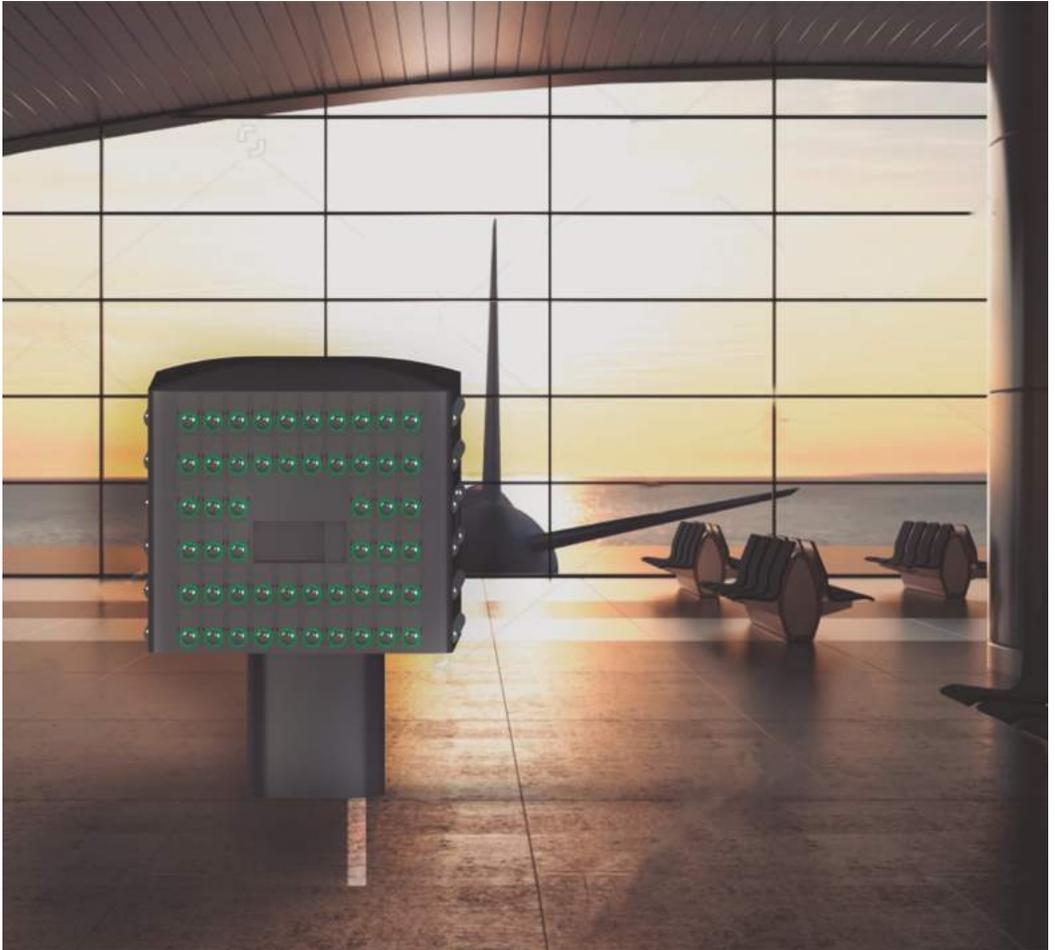
Maxwell Oldham

maxwellthomasoldham@gmail.com

Spectre (*left*) is a self-retaining profile table lamp, which utilises low cost and efficient manufacturing processes. The lamp's unique shade material and coiled cable engages the user, to create an experience. These two aspects fit it perfectly into the student market.

The LB Harness (*above*) is a comfortable, stylish and compact solution combating the strain of carrying a long board. It mounts on the back for long distance transportation and on the side for short distance transportation.





Alejandra Ontaneda

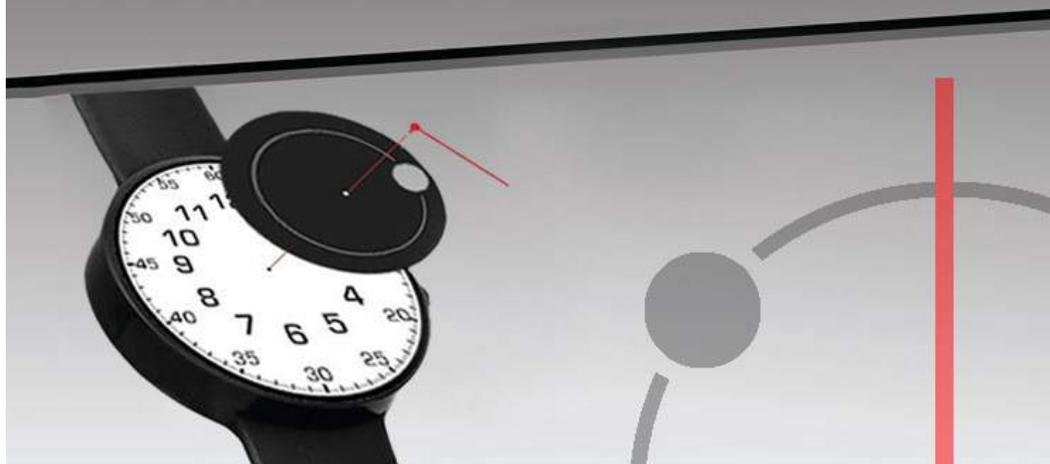
alejandra_2817@yahoo.es

JEFF (*left*) is an assistant for the everyday working citizen in the big cit. Jeff offers a personalised way of transporting groceries home, encouraging exercise and allowing using public transport in big cities without carrying heavy bags and occupying a lot of space.

Quo (*above*) is a Power Bank Dock designed for the airport used. It is a system that allows passengers in departure lounges to rent a Power bank and carry it around while charging their devices. It allows the passengers the freedom mobile devices are meant to give and to avoid crowded areas close to steady power sources.

CLARITY.

TIME.MADE.SIMPLE



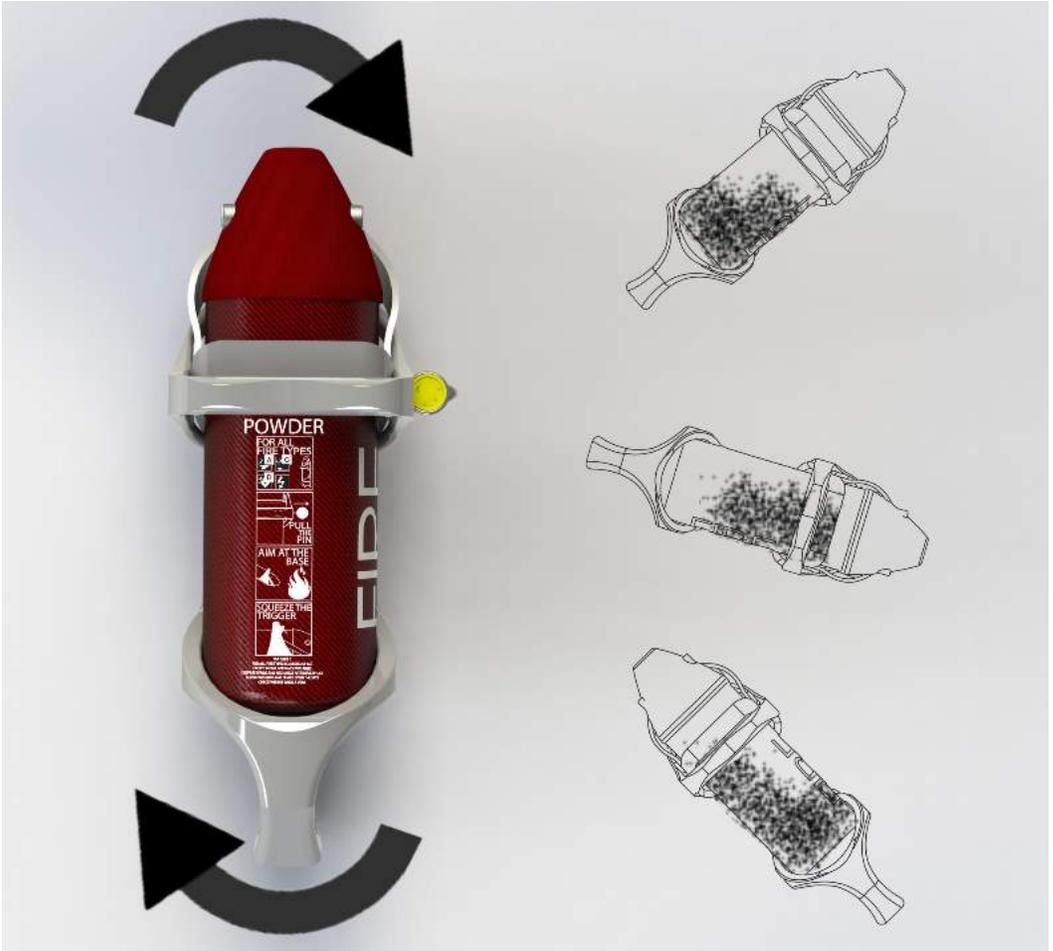


James Ordsmith

jamesordsmith@hotmail.co.uk | www.manifestclothing.co.uk

CLARITY (*left*) is a simple, easy to read watch, aimed at those who suffer from numerical dyslexia. The design features a rotating disc that displays the current hour while hiding the rest. Displaying one hour at a time helps avoid confusion and speeds up the process of telling time for the user.

Ascendant light (*above*) is a modern floor lamp, designed to light the corner of a room suited to a modern contemporary home. The design features an ascending handle that allows the user to control the amount of light emitted. As the handle is lifted, light is cast onto the wall through a frosted acrylic screen.



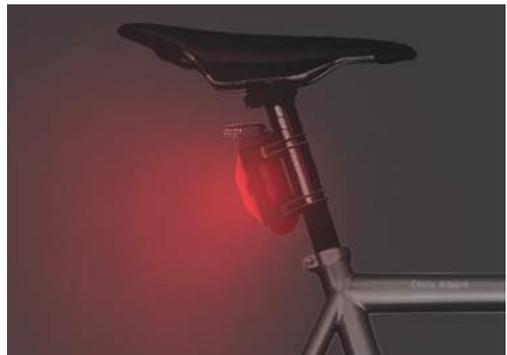


Ben Palmer

ben@bjpalmer.co.uk

Angel Aim (left) is the redesign of the fire extinguisher which focuses on the improvement of ergonomics and ease of use whilst utilising product location memory to aid quicker reaction time to situations where a fire extinguisher is required and insuring proper, regular maintenance is achieved.

The Link Shield (above) is designed for tactics; to gain advantage over rioters, secure arrests, disperse crowds and advance the front line. The design allows multiple shields to be quickly linked together to form a strong wall and utilises perforated vinyl so the officers can see out but the rioters can't see in.



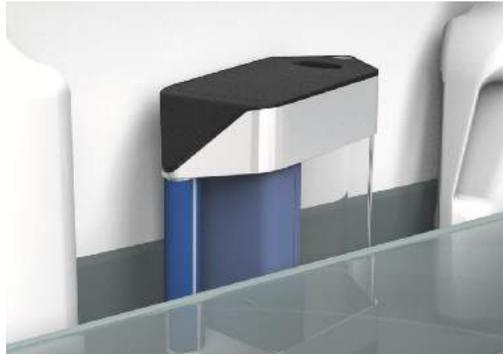
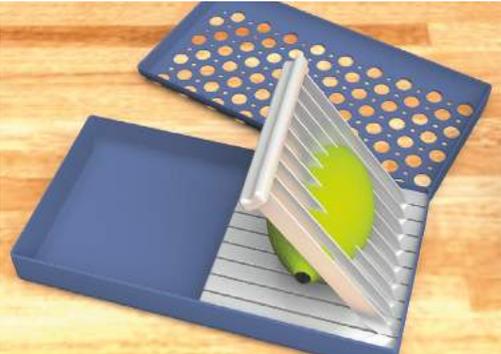


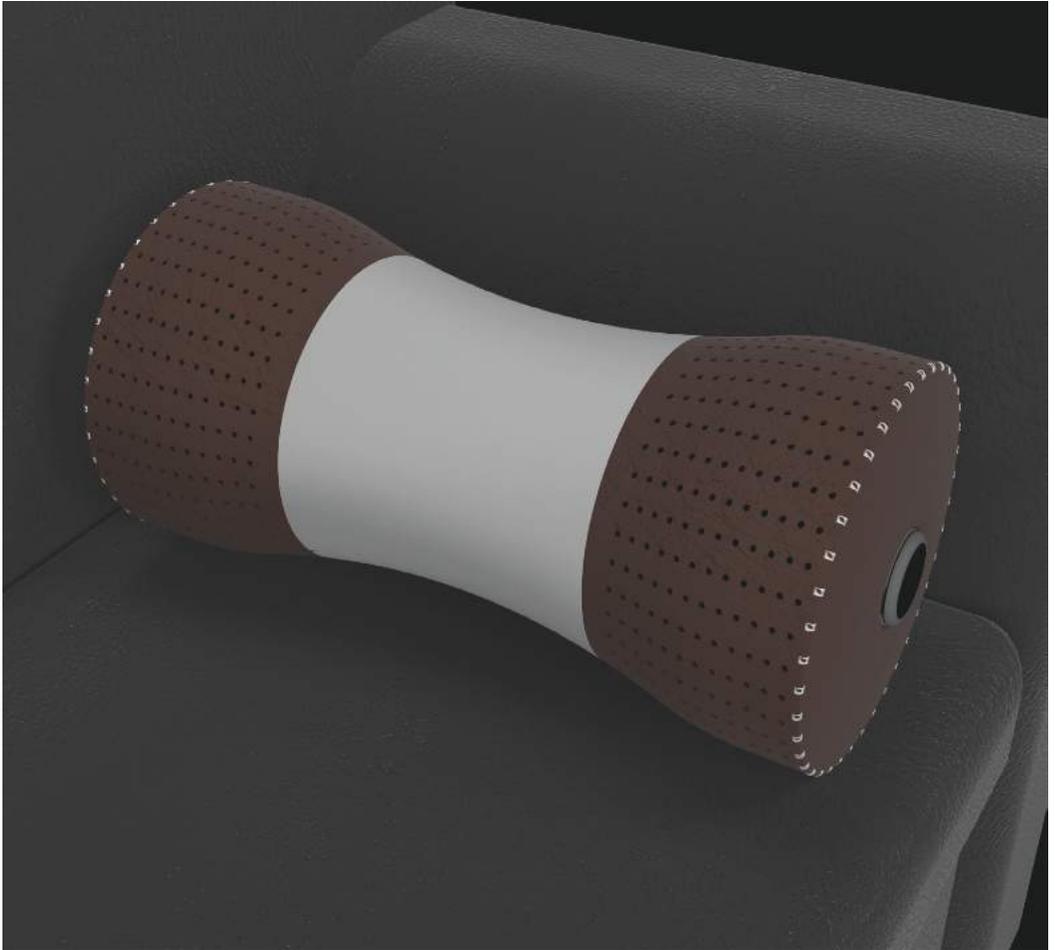
Charlie Pilcher

charliepilcherdesign@gmail.com

FIREFLY (*left*) is a rapid puncture repair system that allows the user to temporarily fix a bicycle puncture quickly and easily. The replenishable aluminium canister contains a special compound capable of sealing up to a 2mm puncture re-inflating the tyre in one swift operation. FIREFLY also features a multi-function rear light.

TUSK (*above*) is a range of protective mountain biking equipment that enables the user to shed armour efficiently when it is not fundamental to the riding. The unique vent design keeps the user cool under pressure, and allows the armour to be mounted to the users TUSK backpack with minimal effort.



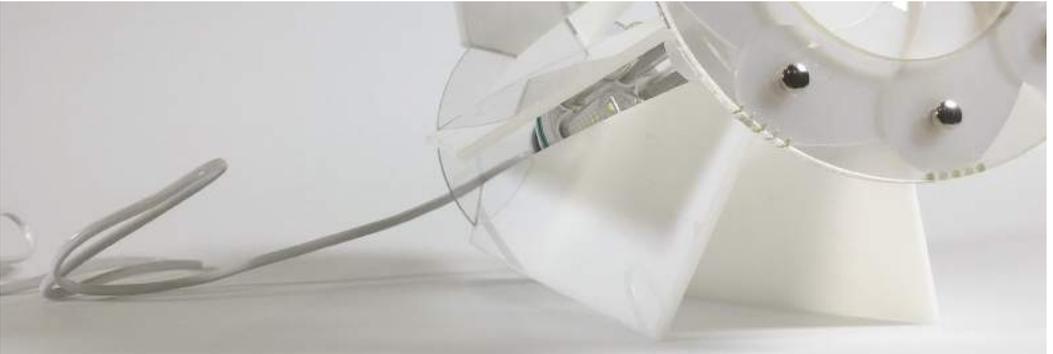
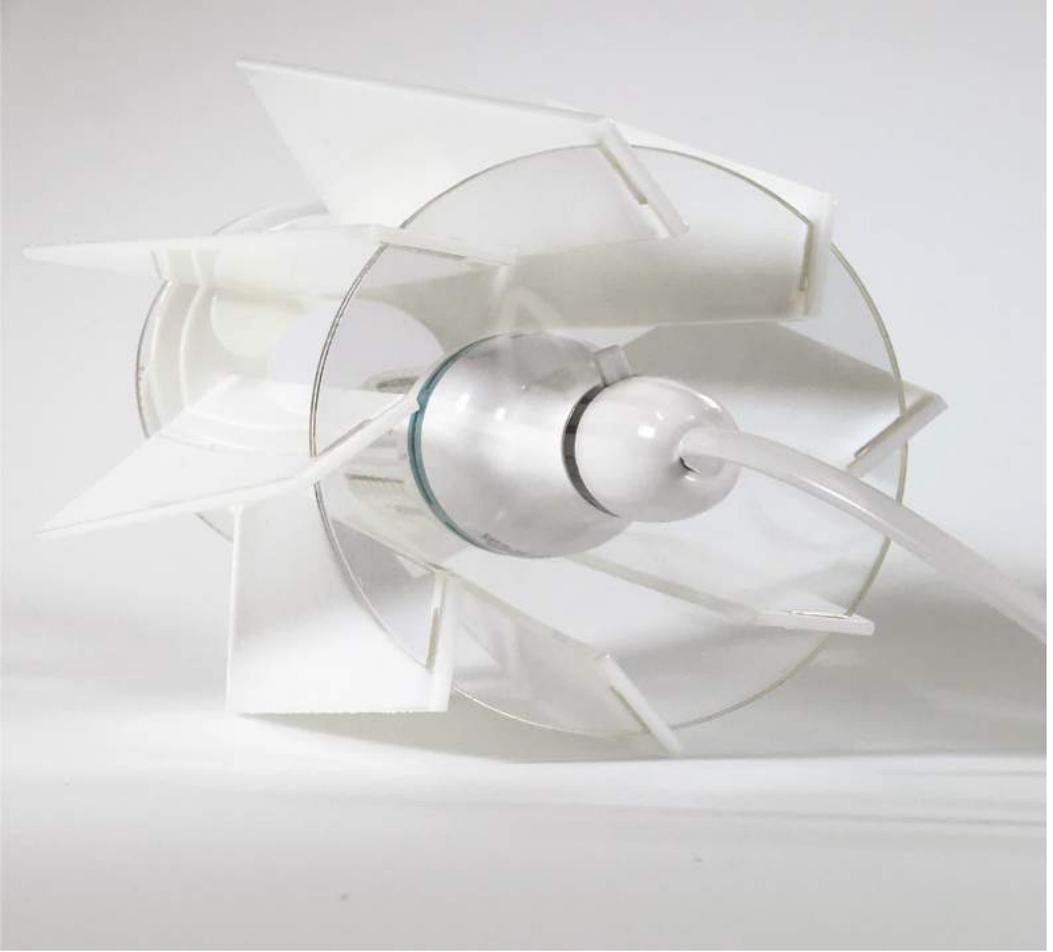


Chris Raleigh

CPRaleigh@hotmail.co.uk

Fruit Infusion Decanter (*left*) provides a quick, easy and enjoyable way to produce and store fruit infused water in your home, which can provide a variety of health benefits, while discouraging the consumption of unhealthy beverages.

Therapy Speaker System (*above*) is inspired by music therapy, this concept explores the possibility of incorporating a speaker system into a soft object, through the merging of various materials, intended for the treatment of stress and anxiety, or simply just for relaxation purposes.





Joshwin Junior Ramji

Joshwinramji@gmail.com

IRIS (*left*) is a flat pack pendant light, which encourages user interaction through manual motion. Iris features a mechanism that allows the user to manually adjust the exposure of lighting, to suit the task at hand. The minimal packaging through to the easy assembly has the user as the main focus and creates a trouble free process.

ARC, (*above*) a colander aimed at grains and pulses, aims to create an easier experience through the preparation process. The sleek design allows the user to Rinse, Soak and Drain foods through one utensil. This eliminates food waste and reduces water wastage through the promoted preparation method.



Autumn 2016



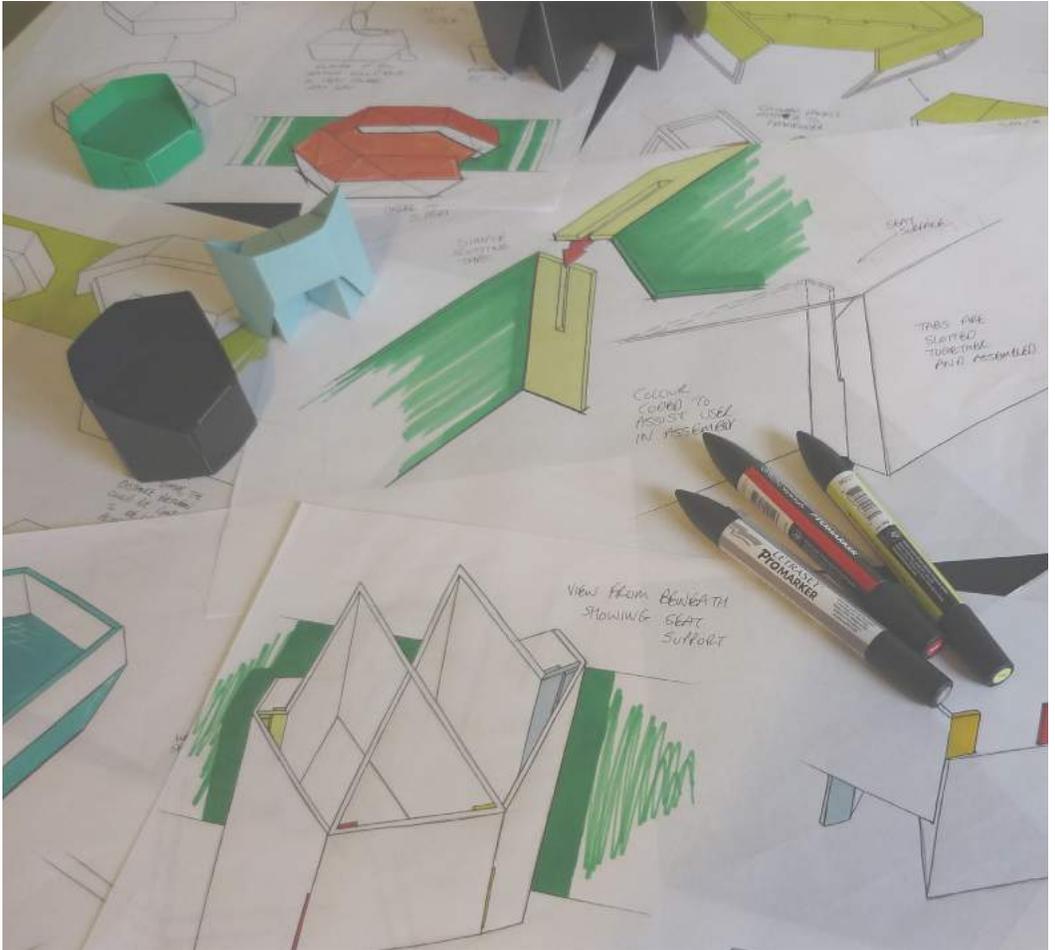
Rahul Ramji

rahulramji@hotmail.com

The II desk lamp (*left*) is a minimalistic approach to productive lighting. A simplistic structure supported by a concrete base, suitable for any environment. Touch sensitive controls allow light adjustment providing great versatility. A minimal, productivity promoting light for the working professional.

The John Lewis autumn display 2016 (*above*), designed with the consumer at its core creates an emotional bond, by reimagining childhood memories. It utilises a combination of natural elements along with the playful nature this time of year brings, whilst fully encompassing John Lewis's family centred brand ethos.





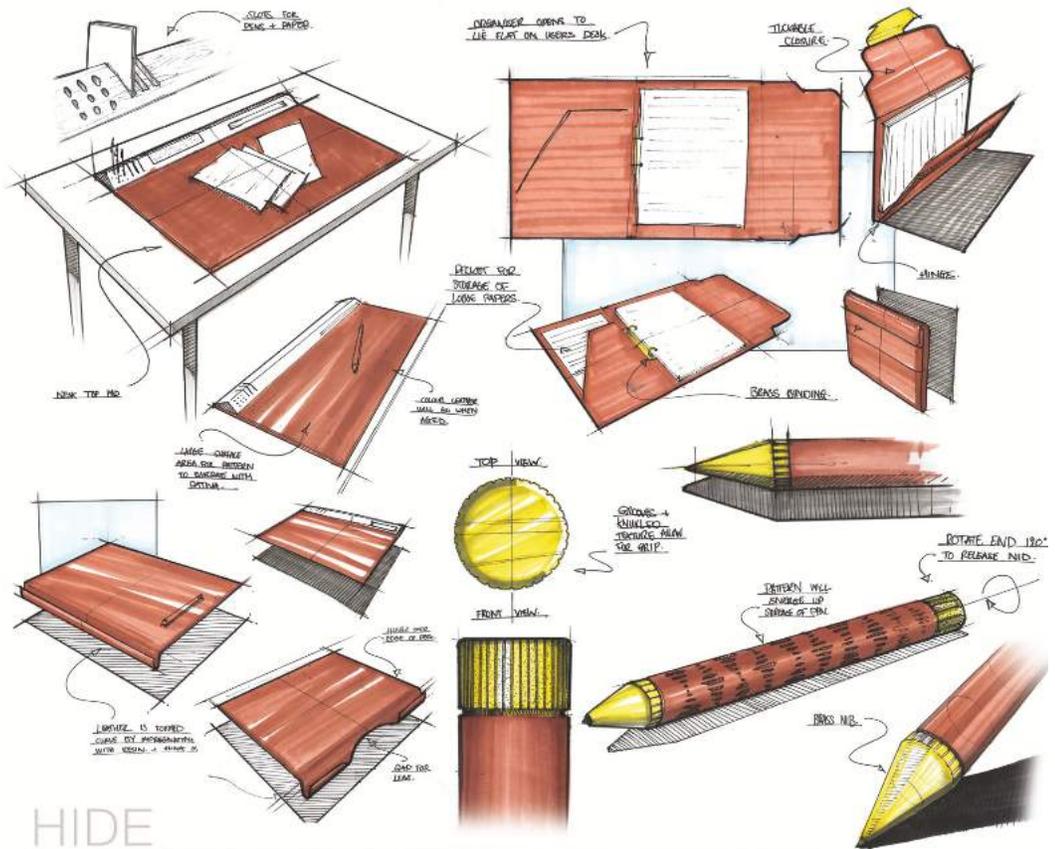
Stephen Rawson

stephen.rawson94@gmail.com

The Raw-Axe (*left*) is innovatively designed to be lighter, less labour intensive and easier to use than traditional wood splitting axes. Ideal for occasional users with little knowledge or technique. The design incorporates a spring plate on the axe faces, which exert a horizontal force to assist in log splitting.

Hex (*above*) is a foldable, storable item of garden furniture, designed to suit those with limited storage. It combines traditional origami techniques with modern material and processes to produce seating that has truly unique styling whilst still providing comfortable and durable outdoor seating.





Geno Sharpe

geno_g_sharpe@hotmail.com

Stak (left) is a portable bluetooth speaker that explores longevity. By carefully considering materials, it is durable physically and emotionally. The separate modules allow for maintenance and upgrade, as well as customisability to be explored, creating a more personal product, which they value more with time.

Hide (above) is a range of quality desk accessories that encourage emotional attachment. As the leather ages, patina occurs and the colour changes. Due to the special treatment method, patterns begin to emerge. The products evolve with the user, developing a deeper relationship between owner and product over time.





Joshua Sharpe

joshsharpedesign@gmail.com

This project (*left*) is centred around the ever changing needs of people in a time where technology is fast evolving. Products are made to ease peoples' lives and a portable solution to printing was the problem I chose to address. The final outcome is completely unique to anything else on the market.

The table for Care Home/Hospital use (*above*) is a portable, adjustable table to aid care home and hospital workers to care for patients. As well as to be used during eating times, the table has a reverse side which is coated in leather and is padded; this allows the device to be also used as a bed restraint when needed.



Abbey Sheffield

sheffield.ag@gmail.com

Sentimental (*left*) is a scented recipe card gift service designed with heritage & tradition in mind. Utilising sensory methods, future trends and tapping into community groups; they combine to allow a shared experience of nostalgia, memories and the smell and taste of food.

Sfär, (*above*) is a new robust and multifunctional floor lamp designed for students, graduates and young professionals. Utilising the stark contrast of rustic copper textures and the natural qualities of ash; Sfär provides controllable intensities of light to suit all your needs and requirements.



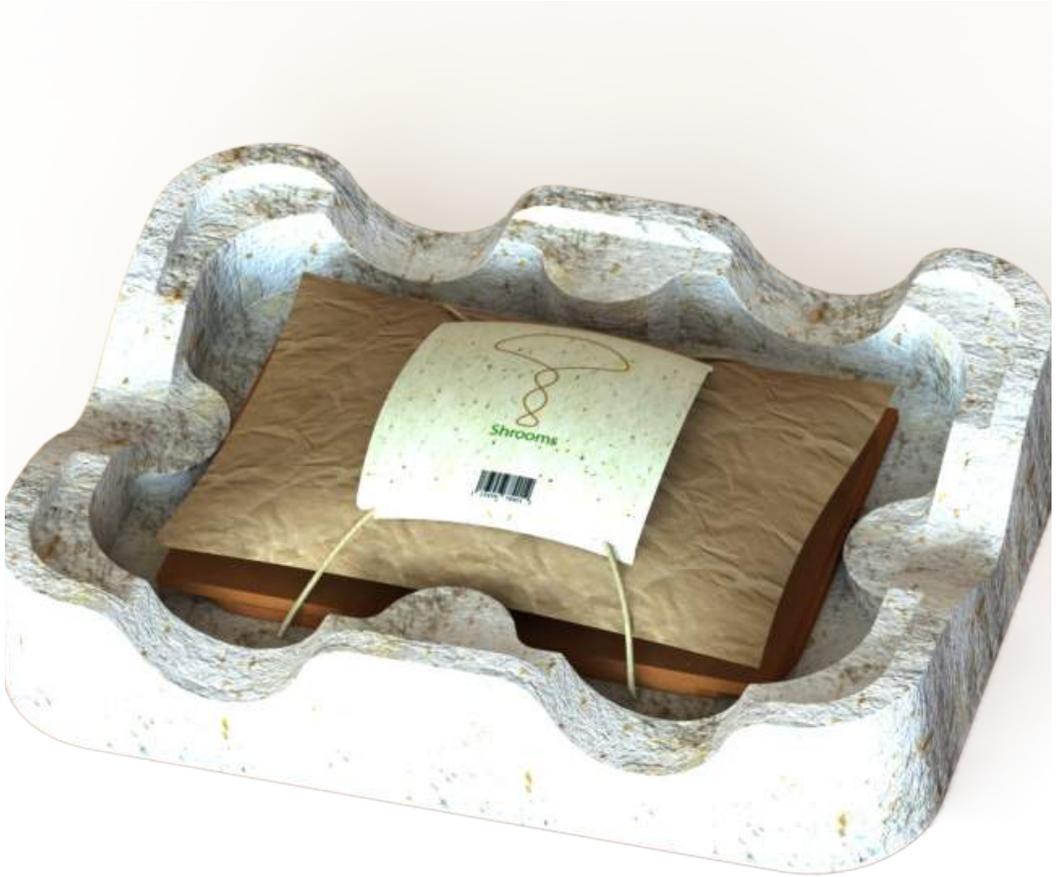


Isabel Skertchly-Murray

ilskertchlymurray@gmail.com | www.coroflot.com/ILSM

Preserve (*left*) is a sustainable set of kitchenware which enables stress-free removal of fruit seeds, reducing time and mess for those who make jams and grow fruit. Different attachments cater to the user's needs making Preserve useful for a variety kitchen tasks and easily stackable for storage.

Uplift (*above*) adds a stylish aesthetic to functional mobility aids. The utilitarian medical appearance is replaced with colourful, tactile materials to promote individuality, offer choice and make aids enjoyable to use. This encourages use, decreasing the risk of a fall. A home is not a hospital but a place to enjoy.





Joshua Smethurst

joshsmethurst@hotmail.com

Biodegradable Hot stone cooker / JRSdesign (*left*) is a disposable cooker that can be disposed of on site, using Ecovative mushroom material and its unique fire resistance properties. The cooker also utilises a hot stone for cooking which give the user a different style of cooking.

Print & Draw / JRSdesign (*above*) is a 3D printer and pen for kids to create and customize all of their own creations. The pen is removable and can be used as a regular 3D printing pen, when it is in the holder it is transformed into a CNC 3D printer. The best of both worlds.

Gart

The best night light for your baby and you; also a guard to look after the little one when you're sleeping.





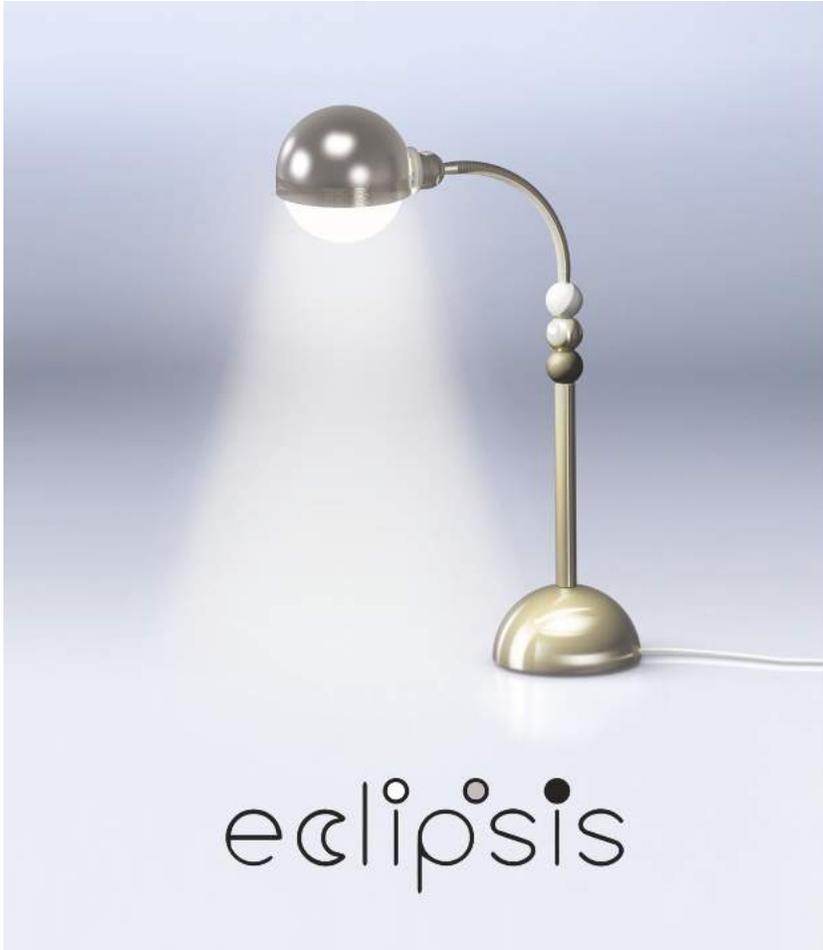
Huilin Song

Amanda0227@outlook.com

GART (left) is a night light which designed for parents to take care of their infants easier and minimize the light exposure at night which could cause sleeping diseases and even cancer. GART only glows up when the infant is awakened and will have a sound alert to remind parents if the physical condition is unusual.

'V' (above) is a new style vase let people no longer struggle with the flower arranging with different shape vases and easier to wash. There are two parts of 'V' vase, the bottom part is for containing water and variety choices of the top part which matched and could be locked with the bottom part.





Nina Thomas

nina_thomas@hotmail.co.uk | www.nina-thomas.com

Solitaire (left) is a statement side table inspired by crystals, contemporary jewellery & Autumn/Winter 2016/17 design trends. Intended to blur the boundaries between jewellery & furniture, it features slate grey ash, plated steel & real crystal in blue calcite with brass gold & rose quartz with rose gold.

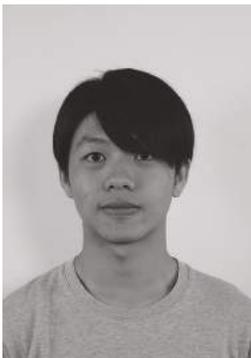
Eclipsis (above) is a multifunctional lamp that adapts to the nomadic student lifestyle. It's goose-necked, telescopic frame with screw-collet grips allows full adjustment of light direction & height, while it's dual-hemisphere bulb shade can be swivelled to create directional or ambient lighting as required.





HANG | HOLD | FOLD

UNPACK YOUR NEW EXPERIENCE **WANG**

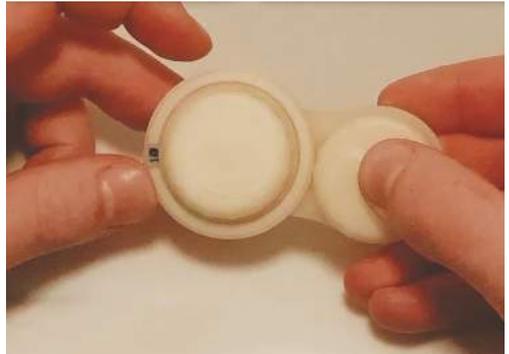
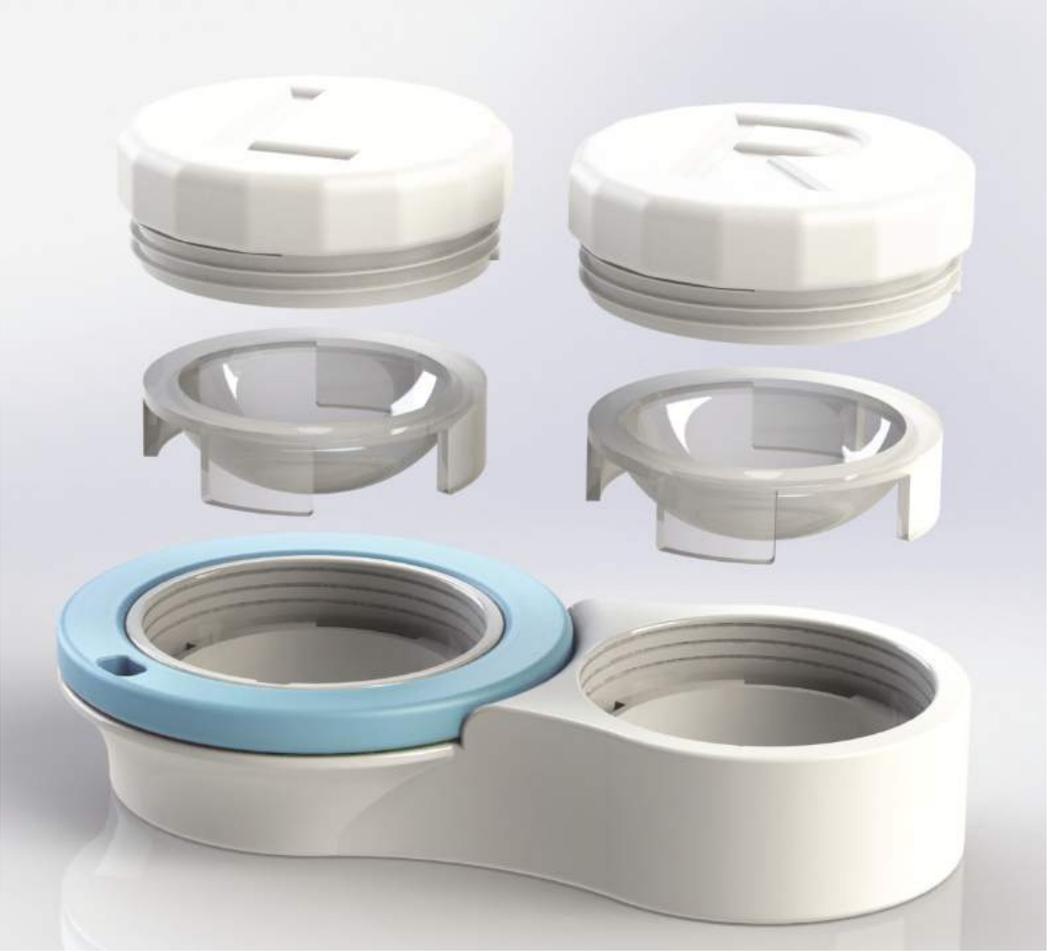


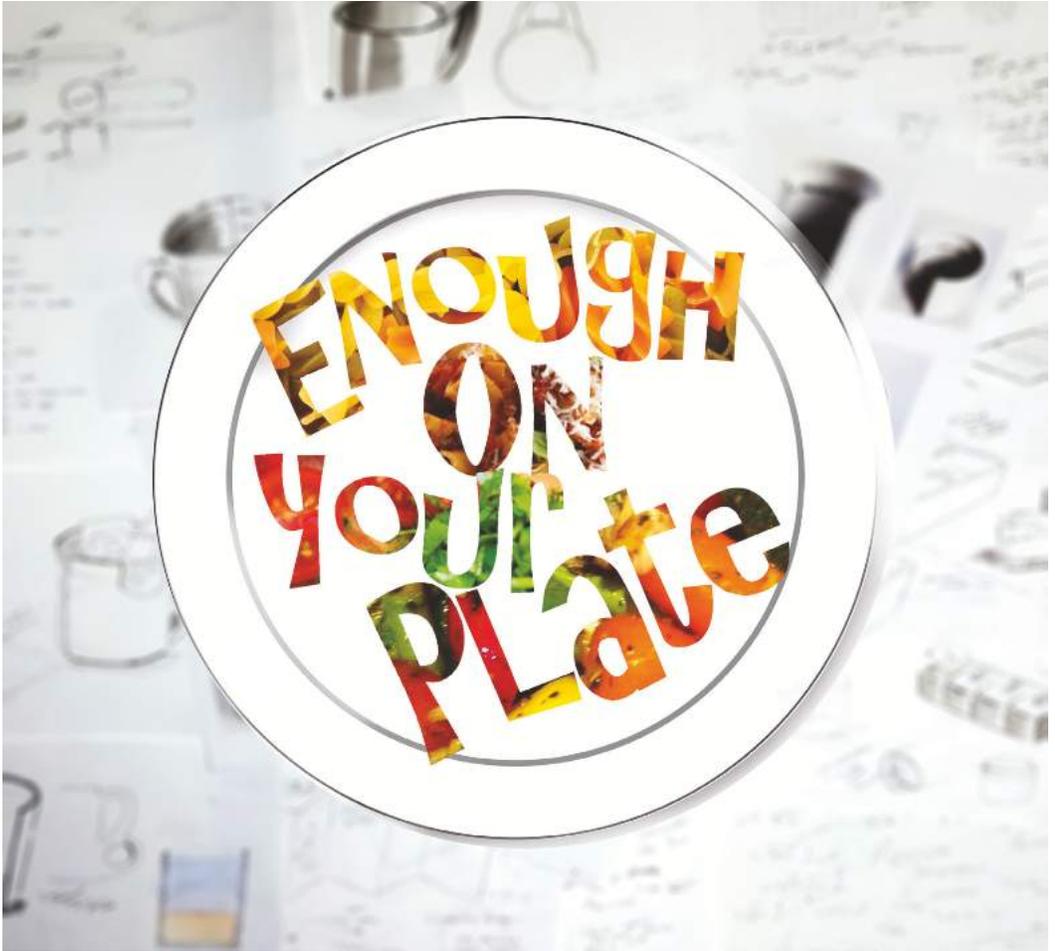
Tsang Chinwang

mickeytcw@hotmail.com

Keep the Box (*left*) is a redesigned shoe box inspired from our daily shoe packaging wastes, encourages users instead of disposing shoeboxes, reusing it as a durable shoe rack. Picking up current struggles to create an ergonomic, economic and eco shoe box.

Hang, Hold, Fold (*above*) provides a new garment packaging experience serving not only shoppers but also for sales. A helpful handy folding helper, also an inflatable hanger and a carriable shopping bag serves well from the boutique back to your home.





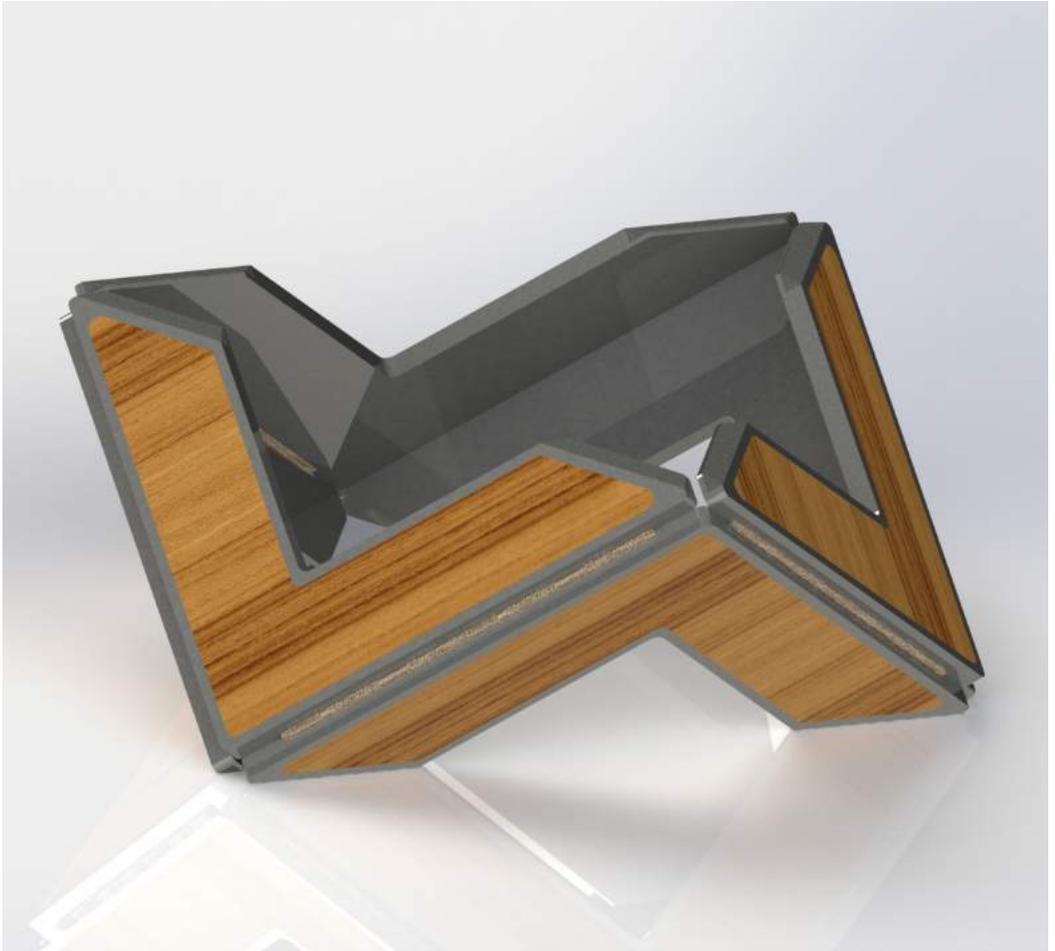
Carys Tudor

carystudor@btinternet.com

'MODUL-R' (*left*) is a contact lens case that utilises replaceable lens packaging and incorporates a resettable days-of-use counter. Designed to improve user compliance with timely replacement of lenses and to help minimise bacterial contamination associated with lens use beyond the prescribed 30 days.

'Enough On Your Plate' (*above*) is designed to promote the habit of preparing economical, wholesome food by encouraging kitchen skills confidence for first year students. It includes a multi-use portion measure which complements the easy-to-follow culinary creations system which also minimises food waste.



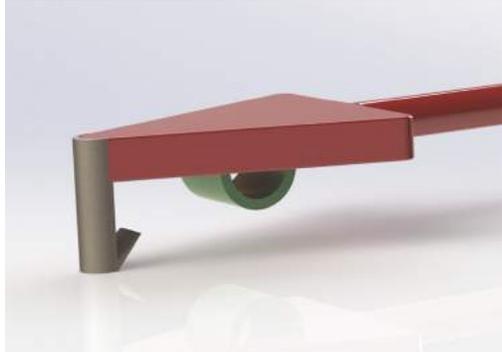


Jack Wilson

Wilsonjds@hotmail.co.uk

Every five minutes, the average power shower jets out 45 litres of water. The Shower Jack (*left*) enforces a behavioural change with its pump action timer system while still incorporating a modern, sleek look. The Shower Jack could help reintroduce the value of water back into our homes.

An investigation into a structural design inspired by nature (*above*). Taking inspiration from beehives, trusses & spirals, I collaborated these effective shapes & patterns into my own structure and applied it to a product which exploited its geometric value. The product is a trivet, which protects kitchen surfaces from hot trays & pans.





Philip Wilson

philipw94@gmail.com

Easy Open (*left*) is a jar opener for users with strength difficulties. It uses a rocking motion and a small hook to break the seal between the jar and the jar lid to, decreasing the amount of strength needed to twist the jar lid off.

Level table (*above*) is a camping table that uses a ball joint system to allow the user to adjust the angle of the table top when on uneven ground. Level Table is easily foldable and lightweight for easy transportation.





Conor Woolven

conor.woolven@gmail.com

An in-flight essentials kit for Delta Airlines (*left*), which enhances the passengers experience and reduces the large amount of plastics used in the packaging of current amenities.

'Refresh' Smart running shoe (*above*) with pay-monthly replacement scheme and corresponding app. So users can track their activity and automatically have a new pair of running shoes whenever they need them.



nuuno



Peter Yu

peteryu.uk@gmail.com | uk.linkedin.com/in/peter-yu-87937088

KOY (*left*) is an adaptable desk lamp designed for the home office environment. Its push-in push-out buttons unlock to adjust the lamps positioning, height and direction of light. The fun and simple design encourages user interaction as a way to take breaks from long hours of working at the desk.

Nuuno (*above*) is a fire safe heater for use in small to medium sized rooms. The product is designed to tackle the safety of space heating products, focusing on the prevention of fires occurring. Its exterior stainless steel framing prevents all close contact with flammable objects and has 360 degrees fanned heating.

NTUDESIGNINDUSTRIES.COM

BA PRODUCT DESIGN

2 0 1 6

THANK YOU

The degree show and brochure wouldn't have been made possible without:

Course Managers

Dr. Pippa Marsh

Chris Lamerton

James Dale

All Individual Tutors

Course Leaders

Dr. Joseph Stewart

Chris Lamerton

Dr. Matthew Watkins

Photography

Annie Lewis

Printers

Steve Seddon at Hickling and Squires



A special thanks to the workshop and technical staff for their expert knowledge and supportive guidance.

THE BROCHURE TEAM

Hannah Catton
Andrew Marsh
Francesca Auld
Abbey Sheffield

Funmi Odeyemi
Frank Worcester
Tom Farmery

Luke Tomkinson
Tom Oakes
Kate Oldfield
Rob Turton

THE EXHIBITION TEAM

Suzannah Hayes
Emily Borton
Annie Lewis
Nina Thomas
Zoe Nurney
Richard Nelson

Tiff Chau
Matt Cole
Funmi Odeyemi
Frank Worcester
Francine Lorriman
David Tregidgo

Charlotte Telfer
Claire Darmody
Ryan Overton
Stuart Underwood
Charlie Hudson
Temi Edun

SHOW DATES

DEGREE SHOW 2016

Private Viewing | 3rd June 2016
Public Viewing | 4th June - 10th June 2016

Nottingham Trent University
Newton Building
Burton Street
Nottingham NG1 4BU

+44 (0)115 941 8418

NEW DESIGNERS 2016

Part 2: Product Design
6th July - 9th July 2016

Business Design Centre
Islington
London
N1 0QH

+44 (0)20 7288 6738

