

Novague Rocking Chair Generates Energy to Light a LED Lamp

The principal aims of this concept were to arouse a discussion about „How to achieve the energetic self-sufficiency in the future“ and to make public think about how much energy we could save if we produce energy needed for common day-to-day activities on our own and moreover by amazing and spontaneous way that is friendly to environment.



Novague words:

Move Your Energy is a power-independent rocking chair with a LED lamp designed especially for reading. The lamp is run by dynamo which changes the mechanic energy obtained by rocking to electric energy. You produce energy needed for lighting on your own.

A simple kinematic arrangement is placed beneath the seat. Mechanism is similar to those used in steam engines and it works together with a sliding lever that runs a flywheel disc while you rock. Produced energy is either deposited in batteries or it supplies the LED lamp.



Armstrong Bin Reduces The Consumption of Garbage Bags

Armstrong Bin is a compression dustbin designed by Sukwon Park and Sungwoo Park, which is an unusual effort to increase cleanness and convenience by reducing the use of garbage bags. Using more garbage bags will eventually increase the waste since garbage bags are likely to be turned into more garbage. The concept Armstrong bin would be the initial step of developing a waste free earth, just like the monumental step of Armstrong on the moon. This bin can reduce the garbage bag consumption by compressing the bags with simply putting pressure with a foot.



Armstrong Bin Reduces The Consumption of Garbage Bags

Context



Usage of garbage bags

Garbage bag is used for cleanliness & convenience.



Garbage for garbages

When the more garbage bags are used, the more wastes grows, and garbage bags are turned to be the garbage.

Concept



Meaning of the name 'Armstrong bin'

Like the Armstrong's monumental step on the moon, armstrong bin wants to be the first step for environment of the earth.



Method of compression

The armstrong bin reduces the consumption of garbage bags by compressing garbage bags with a foot.

Armstrong Bin Reduces The Consumption of Garbage Bags

Usage Scene



Step 01
Here is a trash bin.



Step 02
Open the lid and
dump garbages.



Step 03
Close the lid and
place a foot onto
the engraved foot
_print shape.



Step 04
Compress garba-
ges by stepping
strongly.

Vite is a collapsible snow stretcher aimed to rescue the injured people in the snow within the quickest possible way. The backpack shell acts as a sled and allowing an injured to be carried easily. The design intends to be opened easily and quickly in order to lessen the setting up time of the sled. The products that are available in the market are deliberated to be used by two people. But these products became much heavier which resulting a lesser speed. Vite, on the other hand, is however not a professional level rescuer, rather this product would be ideal for people living on mountains and groups of expedition for emergency situations.



Vite : Collapsible Snow Stretcher to Rescue Injured People in The Snow



Lunar Baby Thermometer by Duck Young Kong

Taking temperature of a baby with the currently available thermometers on the market is a challenging job for parents since they need to keep their babies still and put the thermometer under the arm or tongue to get a valid temperature reading. Lunar Baby Thermometer is a very useful apparatus that fits with the parents hand and can take temperature readings by simply placing it on the baby's forehead. Its ergonomic and organic shape allows the user to hold and use it intuitively, while providing a safe grip in the hand of the user. A beeping sound and a flashing LED indication will let you know that the temperature has been recorded.



Link urban scooter system is a modular transportation solution that you can retrofit with the present Streetscape Smart Poles. Anton Grimes has designed this superb concept electronic scooter and will be available for hire from a hub to ride to the preferred destination. After reaching there, users have to return it to another hub for recharging. Grimes have used the existing light poles to reduce the expenses of the unit and offers strong anchors that are able to carry both power and telecommunications to the hub. The main goal of the design is to reduce cars in the CBD as per Sydney 2030 plan and make a more pedestrian city.



Link Urban Modular Scooter System for Better Environment

4P is an innovative camera system specially designed for the industry of action sports and other extreme conditions. In fact, this camera is implying the existing technology in a modern manner to completely redefine the relationship of a user and a camera. This superb camera features a scanner that can track its subject automatically which eliminates the necessity of an additional photographer. With this device, a non-pro athlete can self-document their actions and share the photos with their local community. The camera includes a GPS beacon which can send out required signal to the camera to track its object as well as work as a remote control of this camera.



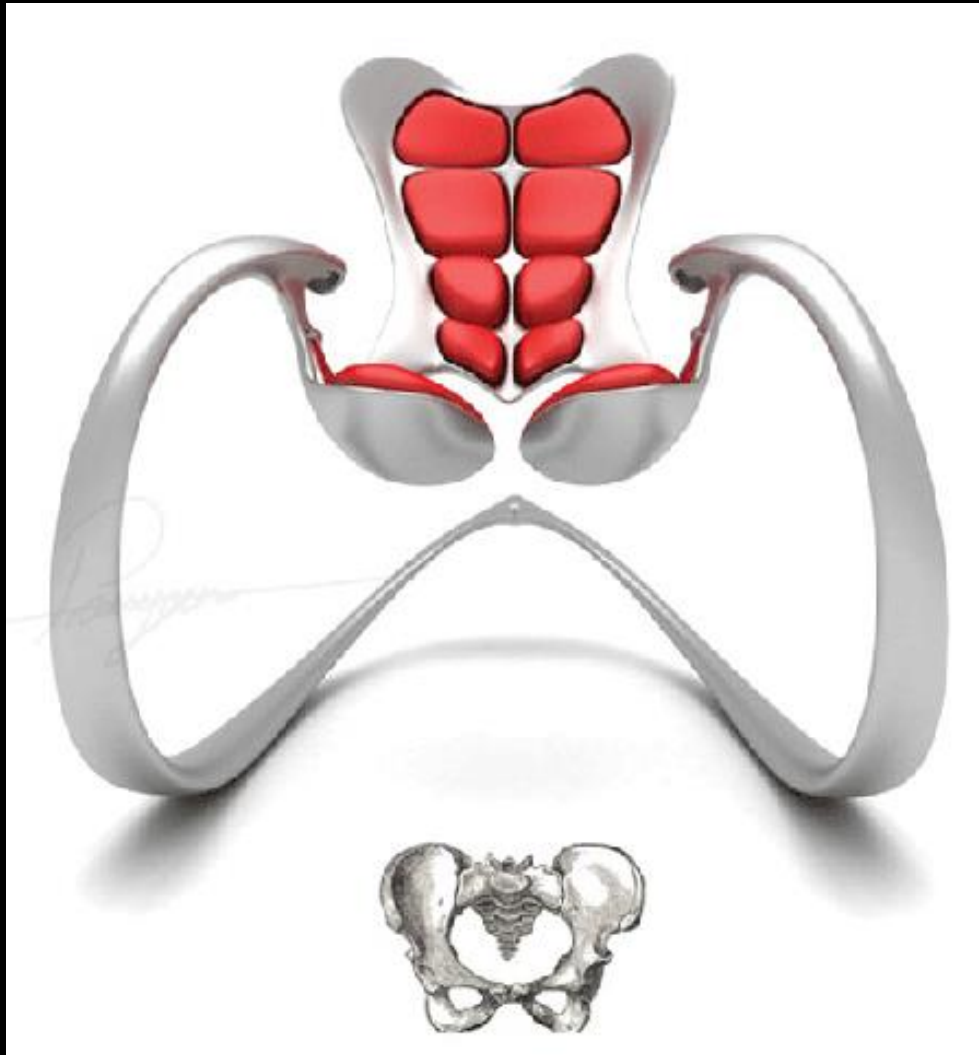
Foldable Bowl is a perfect solution for those occasions where minimizing the weight of the luggage gets top priority to ensure easy carrying such as camping, mountain-climbing, picnicking, fishing and many more. When folded, the appearance of this bowl matches with a two fan-shaped layers and you can make yourself a wonderful bowl by just shaping it into a cone with simple pressure. This picnic bowl will definitely make your outings much easier by reducing your baggage weight while taking less space when it is folded. You can put salad, snacks and also liquid like wine or juice into the foldable bowl.

Foldable Bowl

Bowls designed for camping and picnicking



Ruby rocking chair isn't just a traditional rocking chair. Pouyan Mokhtarani, the designer of this chair things, this chair concept is some kind of peculiar torturing device that have particular water-filled cushions for every butt cheek. Ruby chair is outfitted with two huge liquid pillows at the seating area that distributes the pressure of your body weight and decrease the temperature of your certain body areas. Pushing the clutch will allow you to rock the chair slowly and continuously doing that will offer a faster rock. By reviewing all the calculations and graphics done by Mokhtarani, Ruby rocking chair is really going to be an icon of comfort.



A radiator generally gives off a remarkable amount of heat and Yoo Byungseok designed the Natural wave considering the new possibilities and many other practical uses of this energy. The Natural Wave concept describes the potential of interrelations among an item and its environment. Ordinary everyday objects that is being neglected in general has been given new meaning by developing new uses that come up from the environment directly. The main goal of this concept is to spot possibilities of the environment that can offer the prospective of new products. The heat from a radiator has been utilized in Natural Wave for a tray to warm foods that resides on the top of a radiator.



Line skating is one of the most popular sports among people. This popularity is spreading throughout the world everyday due to it's large range of usability. In fact, roller skate was invented to compensate the limits of ice skate and make it possible to experience skating on the streets.

The main purpose of designing this Mercury skate is to decrease the skater's fatigue and provide them an easier and smoother ride on the pavement with the least harms. If you've ever skated on a paved surface you had experienced a vibration feelings on your heel and sometimes it causes you to feel uncomfortable. This vibration will translate itself from heel to knee joints which is harmful not just for knees but for the eyesight as well.



Do you have difficulty in teaching your kids to conserve energy? Or teaching them to save? Here is a good gadget that can help you teach kids to save. It is called Power Hog. As the name suggests, it takes the shape of the famous icon for saving – the pig. It functions as a meter when your kids play video games or watch TV. It uses loose change or coins as “payment” deposited inside it for a set of time to use a game station or the TV. Just simply plug these appliances into the snout of the Power Hog and it will just signal your kid that its time is up. This is also a great gadget to teach your kids discipline.



POWER
HOG

OBJECT

POWER HOG

Power Hog is a power consumption metering piggy bank designed to sensitize kids to energy cost associated with running electronic devices. Plug the tail into the outlet and the device into the snout, feed a coin to meter usage based on the appliance power consumption.

The Power-Hog is designed to capture the interest of parents and kids alike and serve the wider environmental cause. Power-Hog visually and symbolically associates power conservation with savings by using the iconic piggy bank as a visual reference.

Kids can use their allowance to turn on the TV or video game by feeding the Power-Hog with loose change. The Power-Hog meters consumption and beeps red when time is running out. It also helps parents meter the amount of time spent watching the tube.

CONTEXT

Television

Computer

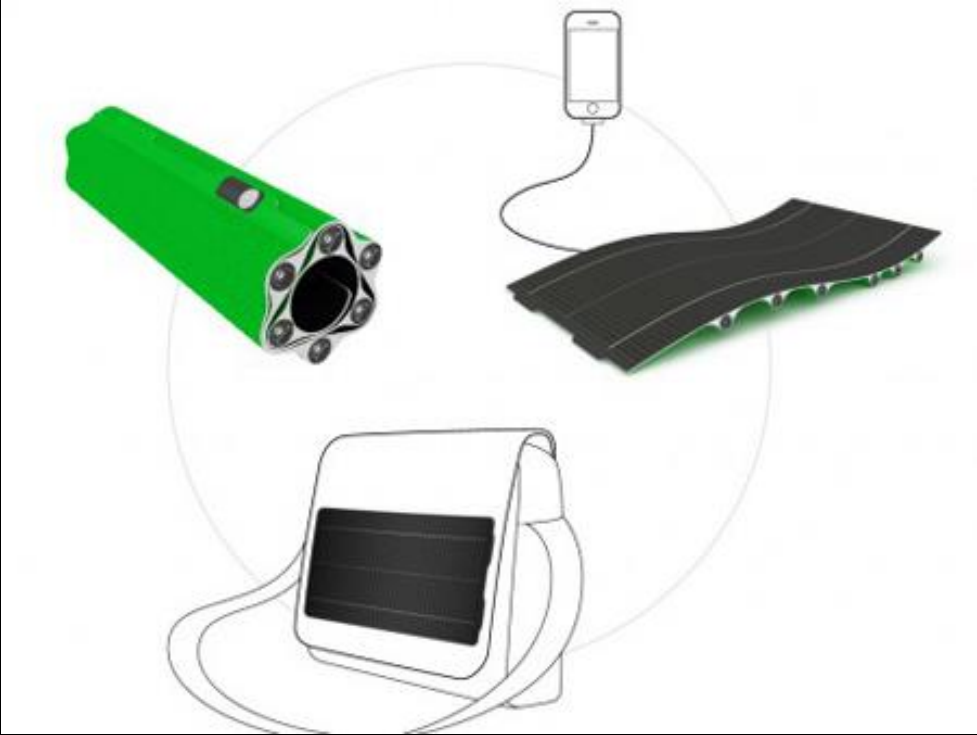
Videogames

Cell phone

Multipen is a 3-in-one device consisting injection of insulin, blood sample taking needle and blood sugar measuring unit. Generally, diabetic patients have to carry those individual instruments in order to keep the sugar level in control. With this elegant multi pen, all these necessary items can be obtained in one instrument. Besides, you don't need to carry extra needles and strips since the pen resides up to six of each. One end of this device has a blood sugar measuring unit with digital display that also shows the total injected amount of insulin.



The unique product called sunLight is a concept that utilizes the natural energy both for its usage and storage. It is one unit that has all the aspects in one device like generating, storing and consuming the electrical energy. The device designed for a long lifecycle with the same components and no replacement of spares, and even if, there is a need for replacement of spares due to any malfunction, the same can be done without much of an effort and cost. Thus it's not just environment friendly but quite cost effective as well. All that sunLight needs to work is solar energy - you simply unfold it so that solar cell film is exposed to the sun and the energy will recharge the batteries. Received power can be used in different ways, as a flashlight or for loading up connected gadgets (mobile phones or music players, for example).



With the advancement of the recent mobile technology, we have encountered some superb useful gadgets with various handy features. Among them, Bluetooth device is being considered the most popular tool for its wireless feature. With simple and exceptional design, the Transparent Fragility is a supreme quality Bluetooth device that is being operated by a one touch key. This device comprises a minimum of details, smooth lines and bionic design that has made it an unavoidable stuff. According to Iiшат Garipov, the founder of the Bluetooth device, he has tried to transfer plasticity and elegance of a drop of water to the headset design.

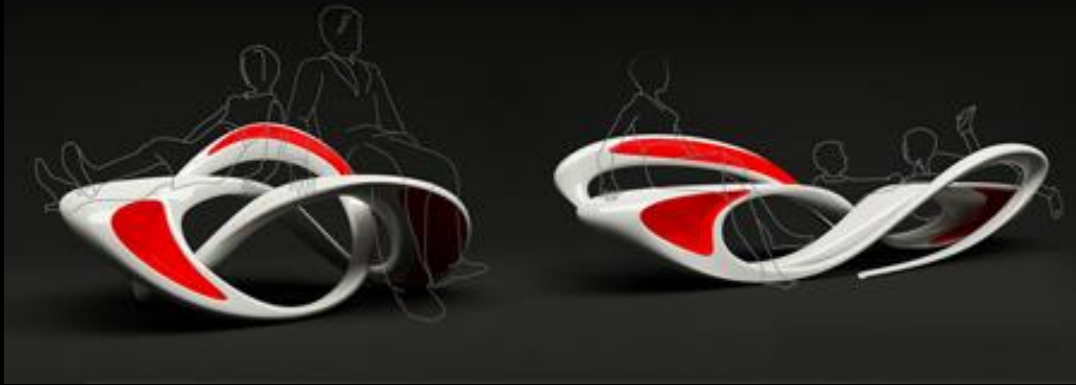




Many of the concepts that are being designed are done to ease out our daily lives. One such innovation is the 'Virtuo', designed by Yana Klimava. This design can be said to be a boon for all those wannabe painters as this virtual device helps one hone their painting skills. The device consists of brushes, color pad and screen on which one draws with the help of brushes provided. And since it is all virtual colors that we are talking about, it doesn't mean that one has to soil their hands or clothes with paint. All in all a nice concept!

In this crowded market place every designer is designing equipments so that his design should stand out. On these lines, comes this chic looking glass sharper, which not just sharpens the pencil nicely but looks good too! Shaped like a globe, this is of two parts, the top portion which has the sharper while the container below that stores the pencil crumbs with space left between stand and the bottom half. One can see this as a nice fun toy, for the kids who love to see their pencil being sharpened, and for grown ups who would like to place this as a table top accessory.





Christian Precht has designed great pieces of furniture for various purposes. The seating furniture created by Christian resembles a “waiting loop” in appearance, he call it : “Hold The Line”. It is curved and looks quite sculptural. The seating arrangement completely changes the concept of a normal bench. It is modern and unique unlike the other public seats. Some of the benches feature geometrical shapes which are stylish but comfortable to sit. Network cables and power supply run through the entire loop.



Cardboard Boom box with amplified speakers



Phil Bridge is a 21-year old Industrial Design student that developed a cardboard bicycle. The idea is to make bikes so cheap that nobody will be put off by the thought of buying a bike as a means of personal transportation.

A typical round town bike can cost several hundred pounds. That's a large investment for people who aren't sure whether they will use it. The idea of cardboard is to completely devalue the bike. Phil's current prototype can hold up to 168-pounds, costs \$6 to manufacture (frame only, it uses a standard chain mechanism and wheels) and will cost about \$24. Allegedly it's even rainproof. It is not, however, fireproof. So be sure to park it inside if you live near a volcano



