



REUSABLE NEVER-ENDING NOTEBOOK

Using a whiteboard has become a familiar activity for creative or academic types. Similarly, carrying around a notebook to jot down notes and sketches is a time-honored tradition. A group of brilliant Canadian inventors figured out a way to combine the two into something that they call Writerase. The Writerase line of products take the best parts of whiteboards and notebooks and smooch them together. Writerase are easily used and re-used, that's what makes these notebooks so awesome: they don't require you to buy a new one and use up more natural resources every time you run out of space.



HAND-HELD SCANNER

People with food allergies or intolerances need to be extremely careful about what they eat. The TellSpec Scanner is a hand-held gadget that will analyze the food before people eat it or decide to buy it. It works using a low-power laser and a spectrometer which analyze the contents of a food item, even if it is in plastic or behind glass. After scanning the food, the TellSpec app sends the information to TellSpec's cloud server. The results will let you know the calorie content of the food and whether it contains preservatives, possible allergens, and trans fats, among other ingredients. It will even tell you your nutritional goals for the day and whether you are meeting them.



ROBOT 3D PRINTER CAN BUILD SELF-SUPPORTING METAL STRUCTURES

3D printing is taking over the world, now a freestanding robot can print incredible self-supporting metal structures with a combination of 3D printing and welding. The MX3D looks a lot like an automobile assembly-line robot. It works by printing very small pieces of molten metal one piece at a time, slowly building up lines of metal that can stand up on their own in mid-air. The machine can print with aluminium, copper, steel, stainless steel, and bronze, allowing for a variety of effects. What the machine does looks more like art than building.



SOLAR POWERED TENT

From the Sahara to Everest, man has struggled to conquer massive geographical structures. While some complete their trek, others tragically perish, often due to unpreparedness to the harsh environs. The V Plus could become standard equipment for the modern adventurer. The V Plus is a disaster relief tent for those unfortunate souls marooned in disaster relief zones. Its features are plentiful and impressive. Solar cells provide energy; LED lights embedded in the tent's frame provide light. One of the more impressive features is that each individual V Plus can be connected to accommodate multiple people, possibly saving entire teams in the process.