**DMM, Fall 2010**

**NEW PRODUCT IDEAS – Due October 19, 2010**

**SEcond iteration due NOVEMBER 2, 2010**

DMM Team # 11

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Industry and Target Market : Furniture/Lighting – Business/Office furnishing

10 New Product Ideas : SEE ATTACHED LIST

Approved: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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 C. McDermott Date

**10 Product Ideas :**

1. Collapsible Cubicle
2. E-Ink Keyboard
3. Wireless Energy Scavenging QWERTY Keyboard
4. Personal Device Charger
5. USB Powered Task Light
6. SMART Partition
7. Conference Table
8. SMART File Cabinet
9. LED Wall Mount Light
10. Digital Photo Frame w/ Scent Machine

1. Collapsible Cubicle

The collapsible cubicle is fold out – full sized cubicle, which is able to be collapsed down into to the size of one cubicle wall. This product is for offices, which need temporary workspaces and modularity for quick setup.

2. E-Ink Keyboard

This keyboard will potentially be one long flat touch screen or a typical QWERTY keyboard with keys that have a clear housing over the keys. Underneath the clear screen/keys will be E-Ink technology, which allows the user of the keyboard to customize the layout of the keyboard. The keyboard will be able to cycle through various language layouts as well as custom layouts for games, graphic design, film editing etc.

3. Wireless Energy Scavenging QWERTY Keyboard

In an effort to go green, this wireless energy scavenging keyboard would convert the energy of the typing motion into electrical energy via piezoelectric transducers mounted underneath each key of the keyboard. The energy that is scavenged could be used to power various electronics devices in the office setting (including itself).

4. Personal Device Charger

This is an instrument used to charge devices such as cellphones, pdas, mp3 players, notebooks, e-readers, etc. It would consist of a small, light-weight box which contains numerous chargers for various devices. It would connect to an AC outlet, and would have the ability to store charge. It would be portable and would provide storage space. The different chargers within this instrument would be able to be swapped out. It would come in a number of elegant designs.

5. USB Powered Task Light

As the name implies, this is a task light powered through a usb cable. This enables it be connected to a laptop or other device it can draw power from without having to be plugged into a wall outlet. Furthermore, brightness settings can be controlled, customized, and stored on the laptop. The task light would be slender and light-weight so that it can be carried around and fit in a laptop bag.

6. SMART Partition

This smart partition is a built-in presentation wherever you need it. It is a completely portable partition using wheels, battery power, and wireless internet. In today’s open and agile workspaces, the power to use a projector and interactive screen combination is truly a competitive advantage. The SMART partition takes ideas from current SMART Board technology which adds the ability to interact with presentations but adds portability and built in projector.

7. Conference Table W/ Rail System

This conference table will be integrated with small rail system that runs through the middle of the table. The rail system will allow people sitting at the table to use power and USB modules at any point on the rail system. This gives people seated at the table the freedom to sit anywhere while still freely using any electronics, instead of being huddled around the center of the table (as is the case with current tables).

8. SMART File Cabinet

 This cabinet system will be equipped with small screen on the front, which will show users what the content of the cabinet is as well as the remaining capacity within the cabinet. The screen can easily be modified on the cabinet in order to display a new contents list when files are moved. The cabinet will also have the option of being password protected to restrict access to important documents.

9. LED Wall Mount Light

This product is for all office workers who yearn to have a window office. This product acts as an additional light for your office cube or windowless office. Its incremental enhancement from a normal wall mounted light is that it is disguised as a normal window and uses LED’s to light it. Its lighting level and angle change over the course of the day to mimic natural light. Natural Light has numerous health benefits including fighting depression.

10. Digital Photo Frame / Scent Machine

The digital picture frame will scroll though pleasant images that correspond to a specific scent. The small air unit inside will help purify air for your workspace as well as release small scented bursts which can make your cubicle a more enjoyable place to be. For a photo of Florida orange groves comes a burst of orange scent. This unit is a small way to keep your workspace fun and relaxing.