**IF I COULD INVENT SOMETHING NEW**

 If I had a chance to invent something new which would be a password based door lock, face unlock door, three colour in one bulb – (white, blue and red), a toilet that flush by itself (a robotic toilet) and a touch-sensitive screen calculator.

 First, the password code door this was invent because of fumbling for keys to open the door takes time. So, this is the why I came up with the idea which works by committing a series of access codes to memory, you will have the ability to enter and exit your dwelling by just pressing a button. The advantages can be keyless entry and exit, enhanced home security, changeable entry codes, more safety for your kids, unique designs, easy to install, durability, aesthetically pleasing, to keep intruders out, safeguard your belongings and give you peace of mind. The disadvantages are keep the PIN code safe and the lock clean, power failure, limit the PIN code length, forgetting your password.

 Second, the face unlock door this was invent because of memorizing complex password. So, this is the reason why I came up with the idea which works when the person position your face in front of the lock, following which the camera scans it to check if it matches correctly with the pre-stored faceprints and then unlock the door for you. The advantages can be less time, enhanced security, convenience and speed, keyless entry, guest access management, customization, integration with smart home systems, improved accessibility, future-proofing. The disadvantages can be data security risks, legal and ethical challenges, facial recognition and racial bias, vulnerabilities in security, impersonation and spoofing.

 Third, the three colour in one bulb – (white, blue and red) this is a kind of bulb just like the we use at home but the difference is that the bulb can change colours by a sensitive touch screen remote. The advantages can be stimulate, conversion for evening dinners, calm yourself after a long day or create a welcoming atmosphere, they relatively inexpensive to manufacture, provide instant light when switched on, can be dimmed easily to create different levels of illumination. The disadvantages can often has lower wattage, diagnosis, higher energy inefficiency, wastage of significant electricity as heat rather than producing light.

 Fourth, the robotic toilet it plays a crucial role in the sanitation of your household and keep you healthy. The advantages can be effectively and hygienically remove away from the house, reducing the exposure your loved ones have to human waste and the diseases it can carry. The disadvantages can be limit flexibility, maintenance cost, job displacement, dependence on technology.

 And finally, the touch-sensitive screen calculator this invention have a touch-sensitive screen rather than buttons or key. The advantage can be engaging and interactive. The disadvantages are it is very sensitive interface hence, can also be activated due to stray touches, easily damaged.

 In conclusion, I would like to change the world and the inventions can be beneficial for man.

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