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**‘IF I COULD INVENT SOMETHING NEW’**

Inventing something new has been one of my biggest ambitions. I always wanted to invent something but I wasn’t sure what it would be. Sometimes, I just think “Hasn’t everything already been invented?”, then another thought would just go through my mind and tell me that I can still make a difference, I can still change the world, I just have to think like other successful inventors.

Every day scientists discover new things, for better or for worse and it seems like the quest to make the living conditions of man better is, one way or the other is aiding the rising causes of sicknesses and diseases around the world. That’s where I come in. If I could invent something new, it would be a machine that would help decrease the rising causes of heart diseases around the world. Research has shown that 27% of the world’s population have died of heart related diseases, it is also the leading cause of deaths in the United States. Many are still victims of heart related issues and I’m one of those victims.

My invention would be called “HEART CARE WITH EASE (HCwE)”. Its main functions are to monitor a user’s heartbeat and rate, to automatically alert the user in case of emergencies and it will also have a built-in defibrillator to normalise the user’s heartbeat in case of sudden cardiac arrest (SCA). It will furthermore contain a feature that makes the smell of cigarette irritating to the user so that he/she would quit such habits. Smoking damages the heart and blood vessels over time, leaving fatty deposits (plaque) inside the coronary arteries. This can reduce the flow of blood to the heart and increase the risk of heart attacks. Due to the growth and evolution of technology, scientists are trying to find new ways to elongate the lifespan of humans. With the help of my machine, the rising causes of heart related diseases can be reduced or eradicated.

Ever since I was nine (9), I had wanted to study medicine and major in cardiology because the work of a cardiologist, in my opinion, is quite fascinating. Especially the surgeons, considering how fragile the heart is they still carry out their tasks and majority of heart surgeries always come out successful. Its intriguing!

In conclusion, the major aim of my invention is to help improve the health of people. With the ‘HCwE’ machine, my dream would have been achieved.