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**Class: JSS 1.**

**Essay Topic: IF I COULD INVENT SOMETHING NEW.**

**If I have the opportunity to invent something new, it would be a device that guards and protects the air we breathe in.**

**As someone who suffers from respiratory issues due to dusty and smoky air, I know how important it is to have clean air.**

**My mom also struggles with breathing problems when exposed to poor air quality.**

**Likewise, there are lots of other people, suffering from different diseases and illnesses caused by bacteria, viruses, and fungi that float in the air. When people breathe in these pathogens, they fall sick.**

**Airborne diseases spread easily and can be very dangerous and life threatening, like ebola, corona virus, respiratory infections, tuberculosis, measles, etc.**

**Imagine a world where the air we breathe in is always clean and safe, without worries about pollution, contamination or germs. That is exactly the imagination I want to bring to reality.**

**My invention would be called PURIFY.**

**It will be a portable device that purifies the air around us making them clean and safe, by using special filters to remove pollutants and germs. This device will generally help to improve our health, well being, and quality of life.**

**The device will be very useful in urban areas, where air pollution is often a major concern. By using the device, individuals can breathe well, knowing that the air they are inhaling is clean and free from harmful toxins.**

**The device will also have a real-time air quality monitoring system. This feature will allow individuals to be aware of any changes in air quality, enabling them to take necessary precautions to protect their health.**

**This is particularly important for individuals with pre-existing respiratory conditions, such as asthma etc.**

**The device personalised purification system will be another standout feature. This system will allow individuals to adjust the device to their specific health needs and preferences, ensuring that they receive the best possible protection. Whether you're a healthy individual looking to maintain your well being or someone with specific health concerns, the device will have you covered.**

**The device can be wearable or installed into offices and warehouses. It can also be adapted to meet individuals' needs. This means that individuals can enjoy the**

**benefits of clean air wherever they go, whether at home, in the office, or on-the-go.**

**The device's energy harvesting capabilities will be another innovative feature. The device can power itself using solar, wind, or kinetic energy. This means that individuals can enjoy the benefits of clean air without contributing to the already overwhelmed energy grid.**

**In conclusion, air is the most important thing to human existence. Nobody can live without air, that is why it is my major concern to make the air we breathe a priority.**

**With my invention of PURIFY, people will heave a sigh of relief, knowing that there is a cleaner, safer and healthier world for everyone.**