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 **IF I COULD INVENT SOMETHING NEW**

If I could invent something new, I would invent an air-purifying machine to fight air pollution. In recent times, air pollution has caused a lot of respiratory and cardiovascular diseases such as lung cancer, asthma, suffocation, bronchitis etc. This phenomenon is more common among people living in congested areas.

 Numerous researches have shown that thousands of people die annually as a result of the effects of air pollution which includes carbon monoxide poisoning from burning of fuels in vehicles, aircrafts, generator sets etc; nitrogen oxide from electrical discharges, burning of substances from industries, dust particles from mining sites, quarries, sulphur dioxide from burning of coal and smelting of ores, lead and zinc. The list is endless and the sad part is that we humans, are the one polluting the earth. All the chemicals released during burning are not only dangerous to us, but also to the entire ecosystem

With the air purifier, we can put an end to air pollution. When the machine is turned on, it will trap the dangerous chemicals in the air and recycle them into a purer type which will then be released through another opening. In addition to releasing clean air, it will also have an environmental friendly air freshener to get rid of bad odour. The machine can come in various sizes for it to be suitable for different locations. I will also try my best to make it available for children, people in congested areas or environments.

Also children spend six to seven hours in school which means they spend a lot of time breathing the air in the classrooms. This is why the air in the classrooms should be clean and healthy for breathing. Even though the school is a safe place for learning, it still contains some micro-organisms harmful to the health of the students learning in the school and also due to the increasing quantities of wastes in the incinerators, waste bins, substances are released into the air. It is a fact that we cannot eradicate the causes of air pollution because in schools which is why schools should try to invest their money on this air purifying machine so as to make the air in the school environment Serene and conducive for the children.

Lastly it will also be a way of me contributing to the goal 13 of Sustainable Development Goals (SDGs) "Climate Action" which we can achieve with this air purifying machine. It can be made available in hotels, schools, congested areas, gatherings, burning sites etc. This will lead to healthy life without the risks, and dangers of air pollution.