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**Climate Regulator A195**

Inventions are gadgets people use their time, knowledge, and effort to make. It has always been a dream of mine to create something different that the world needs. An invention is something vital for a more progressive society. If I were to invent something new it would be a machine that can stabilize the climate and repair the ozone layer. This is my choice invention because it is one that can address the most challenging issue facing our world today. According to Development Aid “There is no economy or individual that is unaffected by climate change. By 2050, this problem could force 216 million people to relocate within their own nations. The changes in weather may worsen water stress and reduce crop output, particularly in the most food-insecure areas of the world.”

Every nation of the world in one way or the other has contributed to climate change. The UN Framework on Climate Change (UNFCCC) under the United Nations as well as SDG 13 set out a framework for action aimed at stabilizing atmospheric concentrations of greenhouse gases (GHGs) to avoid “dangerous anthropogenic interference with the climate system. Some solutions proffered such as creating and increasing awareness on the dangers of climate change, reducing greenhouse gas emissions and replanting.

The challenge with the solutions proffered is that most countries depend on fossil fuel and the process of its drilling contributes largely to climate change. It is true that alternate to fossil fuel use are available but are rarely affordable and available to the masses and developing countries. Pollution from industrialization and energy use is another great contributor to climatic change and despite conservation laws and alternate solar energy (which is also costlier), the effect is sensed on the environment. Urbanization due to increase in population has also made deforestation impossible to stop.

The measures put in place to protect the ozone layer and combat climate change are working albeit slowly. According to European Environment Agency “A significant reduction in the consumption of ozone-depleting substances (ODS) has been achieved globally since 1986. However due to how big a problem climate change is and because humans still largely depend on some activities that is hazardous to the environment , I feel global warming is a race against time and investing in an invention that can repair the depleted ozone layer and stabilize the climate will save the world.

I envisage this gadget as large equipment that can be installed in space like a satellite which will gradually emit signals through modulation that will repair the ozone layer. It will also have smaller gadgets like routers everywhere in the world that can connect to the larger equipment. These mini equipment will serve as atmosphere purifiers that rid the environment of pollution. I will call my invention **the Climate Regulator A195** (A for Alpha and 195 representing the number of the countries in the world standing together to combat climate change).