**NWATU JOCHEBED**

**DEEPER LIFE HIGH SCHOOL**

**B9 DIAMOND**

**GREENHOUSE GAS CRYOCOOLER**

**IF I COULD INVENT SOMETHING.**

 The world will surely be a better place if we can live without pollution. Inventions, being created things, help to solve our problem of pollution. Inventors, people who create these inventions have come up with fabulous ideas regarding this matter. Pollution, as we know, can be classified into various types: air, land and water. I stand here today as an inventor, showing you my invention that will completely eradicate this surging matter of air pollution. I call it “The Greenhouse gas cryocooler”. I am sure that this invention of mine, will later be innovated.

 This device is specially crafted to solve the problem of Greenhouse gas. The Greenhouse gas is a long-term climatic change that affects the environment and life. It consists of harmful gases such as carbon dioxide (80%), methane, nitrous oxide and fluorinated gases (20%), in total, accumulates to 100%. In years to come, if this device is not employed, humans will have to migrate from their habitat and this has been proven by the world’s top scientist. These gases absorb infrared radiation causing global warming. The function of this handiwork of mine, is to change these gases from high temperature to low temperature. As it has been studied, the Greenhouse gas raise the temperature of planets such as earth. The Greenhouse cryocooler will be stationed in various places. It will trap the gases and make it cool before sending it back to earth. You may ask “of what importance is this?”. Let me explain. If the temperature of the earth is drastically cool, it will reduce the effect of global warming and preserve our home, earth.

 The Greenhouse cryocooler is shaped as a cylinder and is divided into four parts. They are: The gas detector; this is the pre-stage of this machine. It discovers harmful gases due to temperature change and inform the absorber. The absorber; this part of the machine absorbs the gas once detected. The cooler; this is the second stage. It pre-cools the absorbed gases. This is done by a cold causing device in the cooling compartment. The feeder; this is the third stage. It expands the cooled gas and sends it to the earth in a low temperature. After these, the cycle continues. The device will be solar operated and automated. It would be stationed mostly in places where burning activities, crude oil industries and likes of that are mostly prevalent. It will also be stationed outside all houses.

 In conclusion, if my invention would be practicalized, not only will it be an honor, but will save lives and their habitat, earth. It will fight hand in hand with other devices to eradicate air pollutants. With smiles on my face, I am proud of this invention as I have imagined the countless habitats and lives that will be preserved