

## INVENTION OF WATERPROOF ROBOTS BY GOODNESS ORUGBO, JSS1, SARDONYX SCHOOL

When plastic was first used in 1907, it was considered a blessing because it is a very cheap packaging option, but now it is one of the major causes of land and water pollution in the world. To escalate the situation, most marine inhabitants are highly vulnerable to entanglement due to plastic, also micro plastics, when consumed by animals reduce their urge to eat which in most cases could result to death.

According to Eirik Lindebjerg, Global Plastics Policy Manager at World Wildlife Fund, “If plastic were a country, it would be ranked the fifth highest emitter of greenhouse gas emissions in the world”. Greenhouse gases include carbon dioxide, methane, nitrous oxide, ozone, and fluorinated gases, when these types of gases are released into the air, they destroy the second layer of the atmosphere known as the ozone layer which protects the earth from 90% of the ultra-violent radiation from the sun. If this ultra-violent radiation makes contact with our body, it might lead to skin aging and an increased risk of skin cancer.

### THE ROLE OF THE WATERPROOF ROBOT

The water-proof robot will have attached to it a big, re-useable nylon attached and would collect all plastics and plastic bags in the ocean floor and in the environment. The plastics would then be used to make fuel.

Scientists just discovered that using a combination of ruthenium metal and carbon as the catalyst, they can convert 90% of all plastic waste into fuel in one hour, it is quite obvious that the aid of our technological intelligence would greatly enhance the efficiency of this mind-boggling discovery, and considering that most of all plastic waste goes to oceans, a robot can be as big as it needs to be capable of achieving such a feat, while on land would simply pick up trash on streets and take them for recycling, this invention will be splendid seeing that it could extend the life span of exhaustible natural resources.

This invention would also greatly intensify the job industry and provide white collar jobs as it would need well educated individuals to operate such a complex machine. The invention would also greatly improve sanitation in countries therefore dwindling the occurrence of water borne diseases and also provide clean environments for cultivation of crops without draining people’s energy, which could as well reduce food borne diseases.

My invention is precisely what the earth needs to give it back its beauty and sanitation.

