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**THE ECO-FRIENDLY SCAVENGER**

The damage done on our environment as a result of inappropriate maintenance of waste products warrants the need to provide a solution for not only the environment but also the people that are in its surroundings. It is upon the need for something sustainable that I would invent the Eco-friendly Scavenger.

The Eco-friendly Scavenger is a robot-like machine which will be designed to collects waste product from designated areas in our environment, separate those recyclables and make them accessible to those who need them as a means to generate funds for the government. All these with the aim of making sure every area it has access to are well cleaned thereby preventing the health danger arising from the pollution caused by waste products and also serving as a form of means to generate funds. Some features of this machine include; Its ability to carry up to 15kg of trash, it makes use of the solar energy to power itself when working and electricity when at rest. Also, it will have wheels on which a flat slidable plate will be placed that is able to pick up trash bin from its bottom so as to pour it into the garbage truck and also hands to pick waste bags to put into the garage bag.

Additionally, an app will be connected to the machine thus making the app compulsory for all citizens to have because from this app, all citizens are alerted on the days the machine will be at work and the particular area it will be in as it will be switching from an area to another on different days. This is possible with a well-trained team that supervises the machine and direct its workings.

The invention of this machine will require changes in the trash vehicles and the trash bins. These changes include; the vehicles to be used for pickups are to have a lower back and the trash bins are to have flat bottom

Due to the rate of illiteracy in the country, there is the need for sensitization of the public so it is advised that the public is well informed before the implementation of this development. Also, a light will be turned on in the front of the vehicle alerting people that the machine is at work in the area. In instances of liquid waste, an already invented pill that solidifies the liquid which aids its dispose is expected to be used by the citizens.

The machine is not to be too heavy because of easy carriage and will be serviced at least every month to avoid bad consequences. This machine should be serviced regularly with upgrades for efficient working. This machine will promote the good health of citizens by keeping the environment clean and reduce air and water pollution caused by the bad disposing the trashes. With this invention, the country can be better.