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Essay Topic: If I could invent something new.

The communities are filled with dirt. Currently, in Nigeria, there's an outbreak of cholera, an acute diarrheal infection caused by ingesting food or water contaminated with the bacterium *Vibrio cholerae*, which remains a global threat to public health. This cholera outbreak was allegedly linked to a tiger nut drink. The question is, what causes the bacterium cholera? How were the food and water contaminated in the first place, or maybe the tiger nut drink in this case? Modern sewage has virtually eliminated cholera in industrialized countries, but it still exists in Nigeria. The risk of cholera epidemics is highest when poverty or other associated issues force people to live in crowded conditions without adequate sanitation.

If I could invent something new, it would be a "**Waste machine**". There are litters around, no matter the effort roadside sweepers put into sweeping every day. As we are currently in the technology age, this machine will be created using technological infrastructure. This machine will automatically pick up dirt from the floor and throw it into a nearby trash bin. These trash bins will be available in every corner of the city and will have a detector connected to the machine operator (the machine that heads the smaller ones that pick-up dirt). When the trash bins are filled up, the detector makes a sound, and the machine operator, electronically detecting the sound, goes ahead to pack those trash bins that are filled up and takes them to the "trash factory."

The trash will be kept in a Burefin (a new word formulated by this writer, from Burn, Refuse, and Incinerator). The Burefin is different from an incinerator, as it does not emit dioxins or other hazardous pollutants but blends and burns the trash, leaving out those that can't be burnt. All this will take place in the closed Burefin.

This factory and machine will be funded by the government and could be a private-public sector collaboration for better management. They will also be made readily accessible with a branch in various cities. The machines could start work when the areas are deserted, so it wouldn't distract people who go about their daily lives.

By inventing this, it could bring about positive changes, including:

More job opportunities, for people who will tend to the machines and also ensure that recyclable materials are taken out to be recycled,

Keeping the environment clean which will drastically reduce the spread of several diseases like cholera that could arise from inadequate sanitation,

Prevent global warming by reducing indiscriminate burning of refuse,

And promote recycling as materials that could be tagged "recyclable" can now be recycled or renewed, fostering economic progress.

While this may be technologically expensive to implement, there are still potentials, and the future is not bleak but bright. Our health and environment matter; although we might not be there yet, we will be there.