

IF I COULD INVENT SOMETHING NEW

Inventions have profoundly impacted and changed our view of the present, future and almost every aspect of our lives, from the innovation of transportation to that of Artificial Intelligence (AI). Our world has changed and inventions have largely brought a good outcome on human population. While inventions have positively affected us, they also have some downside, because some of these inventions have affected our environment negatively. A good example is plastics. Plastics are non-biodegradable materials that can be used to make various materials like bottles, nylon bags, and so many other things that may have their consequential negative impact.

Well, as the world faces many plastic waste problems, I would like to propose a groundbreaking invention to this problem, the Plastic Attractor. This is an innovation that could be designed to attract plastic waste wherever it is impacting our environment negatively. Places like the ocean where 0.5 percent of plastic waste ends up, constitute a huge global waste concern. 20 million metric tons of macro-plastics end up in our immediate living environment yearly. 88% of global plastic leakage is macro-plastics and 46% of plastic waste ends up on land. From all of the statistics mentioned above, it is clear that the need to tackle the plastic waste challenge is real and imperative. Certainly, one would see why this innovation will positively affect us and the environment.

The Plastic attractor is a structure that uses ferro-fluid to attract plastic waste particles in oceans, rivers, and land. The device collects plastic waste, sorts them by type, and then are collected by humans to recycle them into valuable materials like, polyester fabric for clothing, reusable crates and pallets, refuse sacks and carrier bags, and other things like fuel, bio-plastics, and so many other things.

The solution will reduce the plastic waste pollution in oceans, the death of marine life which estimates to 4% to 6% will be reduced. It will recycle plastics and generate clean energy.

By adopting the Plastic Attractor, the world will change as 4.63% of global waste is plastic waste and it is affecting our home planet. Think of a world with no more plastic waste in the ocean and on land, no more micro-plastics in the water we drink, the food we eat, and the air we breathe.

As the numbers starkly reveal, plastic pollution has greatly affected us and if nothing is done about it soon, plastic waste may become one of the world's greatest problems.

Which is why if this is solution is adopted, our world will become a cleaner and a more comfortable place to live and reside in.

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