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AN INTELLIGENT CLEANER

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We live in the XXI century when the human mind is developing more and more, changing the world and rapidly developing information technologies. Every day we wake up to the alarm, which is an application on our phone, then after going to the toilet and bath, cook our food, which is kept in the refrigerator, we use our phone, tablet, PC. Occasionally we wash our stuff in the washing machine, and there is lots of other equipment in use. Could you imagine a day spent without these things? If it yes, you are an extremely brave man. There is one common feature in all these technical devices. All their modes and applications are the result of programmer's work.

Perhaps each of us, when out of the house, can observe the situation with the polluted environment that is caused by an extremely large number of debris. We don't think about it, because we have got used to it, but an ordinary lamp and a battery without a proper disposal can cause cancer and many other diseases.

The inventors offer to design a device, an intelligent cleaner. An intelligent cleaner can be attributed to computer techniques, because it consists of hardware and software, which can be developed and improved (eg upgrades). Clearly, this will be a programmed robot, that make our lives better, because it will not clean up apartments, but streets.

To provide the proper functioning of the robot, it will have the following functions and features:

1. An indicator of filling.
2. It will be water and cold resistant (with an additional layer coating).
3. It will sort litter in categories.
4. An automatic waste disposal, depending on their category (batteries, lamps according to a specially designed and approved environmentalists method).
5. An ability to upgrade software via USB storage device or PC connection.
6. A touch screen to interact with users.
7. A combined charging method:
 - by solar panels;
 - From charging station (the network 220V).

The inventors have put forward the idea of a only really useful device that would defend then environment from the harmful effects of hazardous substances, among them there are carcinogens (an environmental problem) as well as facilitate the work of cleaners. There would not be any landfills that take areas and prevent people living nearby. Since this going to be a device, one should involve highly skilled professionals, including: programmers, physics, mathematics, electrical engineering and many scientists from other fields to its design.

So, we must remember that the XXI century is a beginning of IT modern industrial revolution. The proposed device is only one of many ideas that can benefit people's lives.