An ESSAY WRITING O THE TOPIC HICH AYS IF I COULD INVENT SOMETHING NEW INVENTION NAME IS A SOLAR powered water purifier.

One device that I would love to invent and introduce to Nigeria is a solar water purifier. While Nigeria is blessed with abundant natural resources, access to clean water remains a major challenge for many communities. Water borne diseases such as cholera, typhoid, and diarrhea are prevalent, particularly in rural areas where access to clean water is limited.

THE solar powered water purifier would address this critical issue by utilizing solar energy to purifier contaminated water, making it safe for consumption. The device would consist of a solar panel, a water purification unit, and a storage tank. The solar panel, harness sunlight to power the purification unit which would employ advanced filtration technology to remove harmful contaminants from the water.

One of the key benefits of this device is its sustainability. By using solar energy as a clean and renewable power source, the grid, making it deal for off grid communities that lack access to electricity. This would not only ensure a continuous supply of clean water but also reduce the reliance on traditional source of energy such as wood or charcoal for boiling water.

Additionally, the solar powered water purifier would be cost effective in long run while the initial investment may be higher compared to traditional water purification methods, the device would require minimal maintenance and have lower operating costs. This would make it viable solution for households, schools, health care facilities, and other community settings where access to clean water is essential.

Moreover, the device would be easy to use and use friendly requiring minimal training for operation. This would enable communities to take ownership of their water purification needs and promote sustainable water management practices.by empowering individuals to purify their own water; the device will help reduce the incidence of water borne diseases and improve overall public health outcomes.

In conclusion, the solar powered water purifier would be a game changer for Nigeria, providing a sustainable and accessible solution to the ongoing water crisis. By harnessing the power of the sun to purify contaminated water, the device would promote health, hygiene and economic development in communities across the country. It is my hope that this invention would become wide and make a positive impact on lives of millions of Nigerians who currently lack access to clean water.