

## AN ESSAY ON IF I CAN INVENT SOMETHING NEW

I will be most fulfilled getting the above mentioned invention done, because in recent years, the use of solar energy has become increasingly popular due to its benefits for the environment and cost savings. As the world continues to rely more on technology, there is a need to make devices more sustainable and eco-friendly. One such device is the mobile phone. Especially in this part of the world we found ourselves, for instance in our country Nigeria there's always epileptic power supply and in worst case scenario some interior settlers find it difficult to access electricity.

In this essay, I will discuss how possibly I could invent an automatic inbuilt solar mobile phone.

The first step is for me to research and understand the solar technology and how it can be integrated into mobile devices. The goal is to create a mobile phone that can run on solar energy for extended periods, even in low-light conditions or where there is no electricity entirely. In order to achieve this, the phone should be designed to automatically switch to solar charging when the battery level is low, eliminating the need for manual intervention.

To achieve this, the solar panel should be integrated into the mobile phone's body, making it easy to use. This can be done by embedding a thin, flexible solar panel under the phone's touchscreen or back cover, depending on the phone's design. The solar panel should also be programmed to detect light levels and adjust the charging rate accordingly.

Another important aspect for me to consider is the phone's power consumption. Low-power components should be used to reduce energy consumption, and software should be optimized to reduce the load on the phone's battery. This can be achieved through various measures such as using energy-efficient processors and screens, optimizing etc.

In addition to the solar panel and low-power components, the phone should also have a high-capacity battery to store solar energy and provide enough power for long-lasting operation. A battery with a high energy density, such as a lithium-ion battery, would be ideal. Nigeria has lithium as one of its natural resources, so if the Government would channel the resources appropriate it would be used in achieving this.

To ensure the user's convenience, the phone should also have a user-friendly interface that displays the battery level and charging status. The phone's software should be programmed to indicate when solar charging is being used and how long the battery will last on solar power. Thankfully we have a balance whether condition in Nigeria.

In conclusion, inventing an automatic inbuilt solar mobile phone requires a thorough understanding of solar energy and its integration into mobile devices. A solar panel should be integrated into the phone's body to make it easy to use, and low-power components should be used to reduce energy consumption. A high-capacity battery and user-friendly interface complete the design, ensuring seamless use for the user.