**EXPOSITORY ESSAY.**

**IF I COULD INVENT SOMETHING NEW; SELF-CHARGING PHONE BATTERY.**

**PRESENTED BY**

**STUDENT NAME: EXCEL INNOCENT BOMS.**

**CLASS: JSS2.**

**SCHOOL: DIREE INTERNATIONAL SECONDARY SCHOOL.**

**SELF-CHARGING PHONE BATTERY**

An invention is the making or creating something new that doesn’t exist yet in the world. According to Longman dictionary: invention means a completely new device that has just been thought of and made. Batteries are devices that are chargeable and available to use. According to the Longman dictionary; batteries are device that produces or stores electricity.

My invention is focused on phone batteries. Why I want to make this invention is because of the problems observed among phone users. The problems among phone users include;

Phone batteries easily depletes due to various activities done on the user’s cell phone such as; internet work (browsing and downloading) and using of apps that drains battery easily, this short comings of battery failure during important activities has made it inconvenient for phone users to carry out this various activities on the internet.[they are some engineers that does not go to the office before they work.so they need self charging phone battery/constant light but no constant light in the society.]

Unavailability of power source/limited access to power supply has also added to the problem of the modern day phone batteries which my self-charging phone battery induced by electromagnetic effect, takes care of.

The principle of this self-charging phone battery induced by electromagnetic effect, entails; the phone battery charges by placing the phone close to a magnet not more than 1meter apart. When the phone is been placed in such a way that is not more than 1meter apart there will an electromagnetic induction of charges from the magnet that will cause the phone to charge by itself.

This invention is of a great advantage to phone users since bar magnet are easily found, that is they are relatively abundance compare to other batteries.

This invention (self-charging battery phone battery) has high battery capacity than other phone batteries since it is electromagnetic induced.

Magnets are cheap, so charging of phones won’t be costly. In most areas where power supply is limited, it cost more money for phone to be in constant charging and these day’s people don’t like using charger to charge their phone they just want it to be charging by itself.

The benefits of this self-charging phone battery are; it eradicates the sense of unpredictability of power supply in places where lights are not easily predictable and not taken always.

The battery easily gets powered up due to its relative availability in our vicinity and thou aid constant power supply for phone batteries .

The battery will be strong due to the battery’s constant self-charging mode and this will make it last longer even when there is no power supply.

This invention will impact the society in no small major. This invention will improve the life span of phone batteries; will be solved among phone users which will enables them do a lot of things without it shutting down easily. The battery will last longer and the users will benefit from it and it will save money and time since it charges faster through electromagnetic induction.