**NBETE BETEH JED**

**DEEPER LIFE HIGH SCHOOL**

**B8 DIAMOND**

**IDECTLA**

**IF I COULD INVENT SOMETHING NEW**

 Inventions can solve daily problems; if I could invent something, my invention would be able to sense fire 30-50km away, be used for charging phones, and media files storage and it would be in the shape/form of an ear pod. It relies on solar and Electrical energy and some health-related issues.

 The invention is going to solve the problem of the spread of diseases, and other micro-organisms and the percentage, and its treatment, if fire is close to 30-50km away and makes an alarm, it will be named ***Idectla.***

 The issue of fire outbreaks is rapid all over nations, or someone always losing his or her life as a result of a disease present in the body, but unknown to the person.

 The device will be made firstly by, getting an ultrasonic sensor, scanner, wires, and microprocessors. Secondly, the wires are to be connected to the main internal circuit, and the microprocessors will be programmable.

 Making my prototype will also involve getting the following detective technology: infrared sensor, and optical sensor array; processing units are: power supply.

 In building my prototype, the following are the other components:

 **Software:** Data processing algorithms, communication protocols, User Interface (UI)

 While building my prototype, the following would be handled and performed/ carried out:

1. **Sensor Integration**
2. **Processing Unit Setup**
3. **Communication Setup**
4. **Power Management**
5. **Weather-proofing.**

 One of its functions is geolocation, which will be displayed on the mobile device (iPhone, iPad, Laptop) when the application software is downloaded to any of the devices mentioned.

 It will have 2 USB ports, Port 1 will be used for media and file storage, and Port 2 will be used to charge the device when plugged. One of the programs is firmware which means the programs cannot be rewritten.

 Unlike the fire alarm which serves a specific purpose, my device would be able to sense fires faster and farther from a location and this device would be able to detect and identify sicknesses, mostly the blood and also treatment to that illness.

 In conclusion, I am very sure that if my device is developed and sponsored, it would bring a change into our localities, our nation, Nigeria, Africa, and the whole world at large but with a very affordable price.