IF I COULD INVENT SOMETHING NEW

My name is Okwosha Udodirim. I am 14 years old and currently a J.S.S.3 student at Priscilla Memorial Secondary School (P.M.S.S.) Oguta. If I could invent something new, I will invent a Bio-regenerator.

My invention will have the ability to grow and restore missing body parts. This of course will need a lot of resources to aid the body regrow them. The machine in essence, is used for the emission of special radiations which will influence and stimulate the body to continue or begin its cellular reproduction in the affected area. The patient undergoing treatment with my machine would be put on a series of medication which will aid the Bio-regenerator to do its work. This medication will serve as stimulants to help trigger the production of human growth hormones (HGH) in the body.

HGH also known as somatotropin is responsible for the growth of every cell in the human body. It is produced and secreted by the pituitary glands and is responsible for increase in height (bone growth and fusion), increase in weight (fat build-up and muscle development), etc. Now this organ remains active throughout our lives and that set me thinking; why does our bodies not regrow severed parts like the arms or the legs? Why must people remain with missing eyes and some, forever blind simply because there was an abnormality in their growth? I wouldn't say I have an answer to those questions but my machine will serve as a solution to the problem. People will no longer need to live their lives without an arm or a leg. There will be no need for wheelchairs as my machine will mend such deformities. Children born blind or deaf and indeed those that became so due to some accident will no longer need to live their whole lives that way. It will change our views on the subject of permanent defects and deformities.

My regenerator as mentioned earlier, will need the aid of special medicine to work effectively. These medicines will vary according to the nature of the injury or defect to be changed. Let's take for example, the growth of a missing arm; calcium supplements will be required in large quantities. Also, a serum will be developed to enable the Bio-regenerator to act only upon the affected area and not the entire body. This serum will be placed around the area in need of growth and will begin to act upon it. Then the radiations given off by the machine will cause the serum in the agitated area to activate the growth of the required body part. The whole growth of the missing part may of course take several weeks, months or even years to grow.

It may sound a lot like science fiction maybe even impossible but one thing I know is that it is possible to create it. If I could invent something new, it will be this marvellous machine.