**NAME**: JOSEPH MATIKI MOWANG

**SCHOOL**: TOPFAITH LEGACY COLLEGE, IBIAKPAN, IKOT EKPENE, AKWA IBOM STATE

**CLASS**: JS3

**IF I COULD INVENT SOMETHING NEW**

Necessity, they say, is the mother of invention and this is practically true. For ages, numerous experiences have proven the truth of this proverb as necessity forces humans to think critically to achieve great things in life. This, I personally displayed the first day I accompanied my father to farm as fatigue made me question my father regarding the unavailability of a weeding machine. I was made to understand that whenever a problem arises, there is always a solution if we think in a creative way and over the years, science and technology has helped in the creation of inventions to solve different problems. For example, the washing machine was invented to make washing easy; phones were invented to aid in easy communication, and many more. Amidst all our problems in different spheres of life, if I could invent something new to make life easy, I would invent a weeding machine to eradicate challenges of weeding to boost the agricultural sector of our country.

Generally, from the time of planting to the time of harvesting, weeds are sometimes a difficult task but with the introduction of the weeding machine, weeding would be an easy task. The machine would have a hoe-like mouth in front and would be driven round a farm to weed the piece of land. A component of the machine would gather the weeds in heaps making it easier for the farmer thereby reducing problems involved in weeding manually.

One advantage of the machine is that it is easier, faster and saves time. Using the machine would be better than weeding manually because it would enable the farmer to finish weeding on time without much stress. This will help in increasing t crops productivity because they will have enough nutrients.

Another advantage of the machine is that it would save money for farmers. Some farmers who do not have time to work on their farms because of their jobs hire labourers and this cost a lot of money but with the invention of weeding machine, the services of such labourers would no longer be required.

Furthermore, the machine would be better than weeding manually because it would not require special skills for operation. Unlike other agricultural machines like the tractor, bulldozer, and so on, that require special training skills, the weeding machine would not require special training before usage, making it easier to operate.

However, the weeding machine may lead to crop destruction if not properly managed. Also, it may pose a challenge of maintenance especially for small scale farmers. Noise pollution may also be a challenge to the environment but the advantages would overrule all these challenges.

In conclusion, although this invention has some disadvantages, it would help greatly in curbing Africa’s problem of weeding, thereby increasing the amount of produce during harvest. These challenges notwithstanding, could be overcome through government intervention and support thereby providing a safe environment for the operation of the machine to boost Africa’s (especially Nigeria’s) agricultural sector.