**IF I COULD INVENT SOMETHING NEW.**

**NAME:** Fahad Adamu

**SCHOOL:** Olumawu School, Abuja.

**CLASS*:*** Year 9 Blue.

Just thinking of it makes me wonder amazing things. I love Physics and there’s a complicated part of it which is quantum mechanics. Quantum mechanics is simply defined as the motion and interaction of subatomic articles, incorporating the concepts of quantization of energy, wave particle duality, the uncertainty Princciple. And correspondence principle. In other words, it also means the same atomic particles existing at the same time which are matter and light on the atomic and subatomic scale.

I always need to prove my theory on quantum mechanics but how in the world would I have been able to do that if I can’t see atoms? Due to their small sizes. And it came to my head, nuclear fission. Even though nuclear fission was uncalled for it was still necessary for the process of unfolding my theory on quantum mechanics.

Nuclear fission is the process of breaking atomic nuclei into smaller nuclei to release large amount of energy. This process is usually done by forcing the nuclei to absorb neutrons, the particle usually found in the atomic nucleus with protons.

Nuclear fission can occur spontaneously as a type of radioactive decay but this is rear and incredibly slow.

The reaction that happens between a nuclei and another nuclei in a nuclear reaction can sometimes trigger a chain reaction which is a risk to take if we are not being careful.

When I started the experiment on nuclear fission, I observed something, that something was the atom smashing into another atom which smashed into another atom so on and so forth causing a chain reaction which makes my theory on nuclear fission correct and I was mesmerized by this exhilarating experiment.

Later on, I continued my project on quantum physics, scientists think that it’s impossible for light and matter to exist at the same time simultaneously for example; when a supernova is about to be detonated, the gravity tries to close it down, however the gravitation force in it forces it to repel against gravity therefore increasing the pressure and making it to eventually collapse on itself which then triggers a chemical reaction around it then a massive explosion occurs and it happens all over again in a few light years again.

At last I finally did it, I made it happens, I used force as gravity to pressure the atoms inside thus making them react in such a way that it won’t explode or become a mass destruction rather it was beautiful.

Just like physics science is really amazing and filled with so many discoveries to be made. Who knows, maybe you could discover something useful to mankind, maybe it’s an idea of an invention you would like to create.