

## **IF I COULD INVENT SOMETHING**

On May 29th, 2023, subsidy on petroleum products was declared no more, and the masses felt the impact severely, and almost immediately, Nigeria had a cascade. The nation experienced a price rise in almost all commodities and even now we still suffer this cost adjustment. The cost of living in Nigeria has drastically increased, and many ideas have been put in place to cushion the effect of the crisis but to no avail. My intention is not just an idea but a remedy to this crisis.

Concentrated natural gas (CNG) is what most people will assume is liquified natural gas (kitchen cylinders) but this is far better. well, CNG in simple terms is a fuel like premium motor spirit [PMS]but it is cheaper compared to PMS and far more eco-friendly and Safer because it is lighter than air, and if by chance it were to leak it will disperse quickly.

CNG is normally contained in a cylindrical tank similar to that of LNG but slimmer and longer. My invention will CNG powered generators, these generators will come in different sizes just like that of the PMS generator, these generators will also look like the PMS generators but they will have a CNG cylinder turned upside down facing the ground with a pipe connected to it (it will be using a pipeline system) and any individual who owns one can use either a pre-paid or postpaid system of filling their gas cylinder, the generator should cost about 1,000,000 Naira but for the people who do not have that money a smaller size will be available but will or more not be pipelined instead the cylinder will be detachable so it will take to a gas station to be filled then attached in its own carved space and then locked and even a bigger size like diesel powered generator will be available and they will be remotely controlled and far less noisy than that of the PMS and diesel generators, with no emission of smoke

CNG-powered generators are mostly an alternative to PMS because of their price, in Nigeria today CNG is about 230 Naira to 300 Naira while PMS 650 Naira to 1200 Naira Now let's use an example two families have generators one family to with a PMS generator while the other with a CNG generator and 20litres of PMS can take that family one week for 13000 Naira but CNG burns faster than that of PMS so that another family decides to buy 40 litres of CNG which could last them 1 week and some days for 9200Naira. Now imagine that benefit in the production of commodities and the transportation of perishable foods [if the CNG sector is also developed in vehicles].

If sponsored, my invention plus the government's effort in appreciating the naira's value will bring about a far more conducive Nigeria. With the slight disadvantage of having only one per cent of the nation's gas stations selling CNG, I believe that if the CNG factor is developed in Nigeria this will run smoothly in the nation's economy.

Queenesther Samuel-Oche

Year 8

Early Spring College

Amuwo Odofin

Lagos.