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TOPIC: IF I COULD INVENT SOMETHING NEW

This ever changing world has gone through several times and seasons, with each coming with their creativity and ingenuity to solve problems. However, the world is constantly evolving thereby causing challenges and also the need for solutions. The need to create something has never been as important as it is right now. The medical sector has experienced great growth in terms of innovations, development of medicines, therapies, vaccines, etc. but there is still a whole lot to be done. For example, cancer, HIV, AIDS, glaucoma, etc. have proven to be a pain in the neck for the industry. These conditions have become difficult to be reversed or cured; although, some can actually be managed. Hence, if I have to invent something new, then it has to be a vaccine that would prevent and cure HIV. This essay discusses the challenges of HIV, the qualities, and the economic benefits of the vaccine I would love to invent.

HIV has enjoyed tremendous attention and a great milestone has been reached even though there are still more to be done in controlling, preventing and curing of the virus. Statistics shows that about 39 million people are living with HIV/AIDS, 1.3 million contacted it in 2022 and 24% of them do not have access to treatment. The treatment oftentimes does not reach everyone who is in need, could be expensive and also, not everyone can adhere to treatment plan. This challenges of high therapy cost, inability to adhere to strict plan, and eventual fatality has encouraged me and made me believe that a vaccine to prevent or cure this deadly disease is inevitable.

The vaccine would be of a very high quality with no immediate adverse effect on the recipients. It would be adaptable to all blood groups without a knock on their overall health and it would be modelled after the successful polio vaccine. The polio vaccine has demonstrated a high success rate. For instance, it was recorded in 2020 that Nigeria was free from the wild polio virus and there was no mention of any adverse effect on recipients.

The benefits of this vaccine if created would be immense and it could create a great value for humanity. Sponsors would be sought to ensure that the cost of getting this vaccine would be minimal just like the polio vaccine. It would eradicate the stigma attached to HIV patients since it cures the disease. Also, I would ensure that this product get to the remote areas and communities. It will provide long lasting protection from the virus and as well cure those that are already infected.

Conclusively, it is paramount to appreciate all the gains in the medical field however, a vaccine that could cure or prevent HIV would be a great achievement in human history. The impact of a it cannot be underestimated as it would cut across the socio-economic sector of life.