**IF I COULD INVENT SOMETHING NEW**

Firstly, what does it mean to invent? It means the ability to create, discover, fabricate and manufacture something new. It also means generating ideas or solutions, developing and refining concepts, creating prototypes or models testing and iterating on designs.

Here are some inventors and their inventions; Edward Jenner invented the smallpox vaccine in 1796 laid the foundation for modern immunology and vaccination, eventually leading to the eradication of smallpox. Wilhelm Conrad Roentgen invented X-rays in 1895 transforming a diagnostic medicine, allowing doctors to view the inside of the human body without surgery. Robert Jarvik invented Jarvik 7 artificial heart the first permanent artificial heart in the 1980s provided a life-saving option for patients with end-stage heart disease. Willem Einthoven invented the Electrocardiogram (ECG) in 1903 enabled the diagnosis of heart conditions, and revolutionized cardiology

 If I could invent something new, I would invent an artificial brain. The brain is a highly complex organ that performs a wide range of functions critical for life and human experience. This device would be the exert replica of the human brain it will also function exactly like the human brain.

 This would be able to do the following: it will process information from the five senses to help us understand and interact with the world. It will control voluntary and involuntary movements from walking and talking to the heartbeat and digestion. It will be responsible for thinking, reasoning, problem-solving, planning, and decision-making. It will encode, store, and retrieve information, allowing us to remember past experiences, learn new information, and form long-term memories. It will process and regulate emotions, influencing our mood, motivation, and stress response faster than the normal brain. It will enable us to understand and produce many languages, both spoken and written. It will control essential bodily functions such as breathing, heart rate, blood pressure, and digestion without conscious effort. It will help us interpret social cues, understand others' perspectives, and engage in social behaviours. It will enable creative thinking, imagination, and artistic expression. It will give rise to awareness and self-awareness, enabling us to experience the world and reflect on our thoughts and existence.

Although there may be circumstances that one will face while using the artificial brain like; memory and personal experience of the pre-existing memories and experiences of the previous brain interacting with the body's sensory inputs and motor functions and its solution will be Neurorehabilitation programs, including cognitive behavioural therapy and virtual reality that would help patients adapt their memories and experiences to the new body.

 In conclusion, the concept of replacing the human brain with an artificial brain will be a very complex invention that must function exactly like the human brain which I and some similar-minded scientists will invent. This will be a vision for a sustainable future through collaboration, dedication, and creativity, I will try all possible means to turn this vision into reality and ensure a sustainable legacy for years to come.

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