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**IF I COULD INVENT SOMETHING NEW**

In human endeavor, **inventions** are catalysts for creativity and innovation. When we invent, we combine our imagination, problem-solving skills, and technical knowledge to create something new and beneficial. The process of inventing encourages us to view obstacles not as dead ends but as opportunities for developing innovative solutions. Invention brings about several benefits among which are: revolutionizing education, fostering creativity and enhancing quality of life among others. An invention is a unique or novel device, method, composition idea or process. It usually involves thinking of an idea for a new product, machine etc. and designing, making it or elicit its existence. It is also an improvement upon a machine, product or process for increasing efficiency and lowering costs.

 If I could invent something new, I would invent flying electric cars that would run on electric motors powered by batteries or fuel cells and could also be charged electrically, instead of internal combustion engines that are fueled by deflagration of gasoline (petrol) or diesel. It would also be powered with rust-powered batteries which are long-lasting and sustainable in nature. The rust-powered battery would also be invented by me which would also in turn be powered using the solar glass windscreen which the vehicle would have and iron or rust as the main electrode material instead of lithium, cobalt or nickel.

Rust-powered batteries would be batteries that have a reversible rust cycle that could store and discharge energy for far longer and at less cost than lithium-ion technology. Although, rust powered batteries has already been invented, I would also love to invent a better and sustainable one as the demand for eco-friendly energy storage solution continues to grow and researchers are exploring new ways to optimize and improve the performance of rust-powered batteries since no perfect solution has been proffered to its long-lasting challenge.

The vehicle would be a hybrid vehicle that would combine fixed and rotary wing aircraft capabilities on air and tires on land thereby functioning both as a road vehicle and an aircraft. It would comprise of components including electric motors, battery pack, regenerative braking system for recovering kinetic energy, thermal management system for preventing overheating of parts, charging port for connection to power source and auxiliary power accessories.

This invention would be very beneficial and expedient in many aspects as it would bring a better and enhanced reduction in air pollution, greenhouse gas emissions, noise and fuel costs. It would also improve energy efficiency and performance as its level of versatility will be very high due to its ability to convey passengers and goods both on air and on land. It would also be advantageous from its usage of rust-powered batteries which would have the potential of reducing and easing the plight of pilots/drivers that experiences fueling resources shortage and finishes in the course of transportation especially where there is no refilling station around.

Thank you.