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Design and Fabrication of Solar Grass Cutter

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Abstract: *The objective of this project is to design and fabricate a solar-powered grass cutter to address the challenges faced in agricultural fields, houses, and nurseries when it comes to grass removal. The traditional method of manually removing grass requires a significant amount of human effort and time, which is not efficient in today's fast-paced world. The solution to this problem is to develop a grass cutter machine that is powered by solar energy. By incorporating a solar panel into the design, the grass cutter can utilize clean and renewable energy to operate efficiently. This eliminates the need for fuel or electricity, making it cost-effective and environmentally friendly. The solar grass cutter will be designed to effectively cut and remove grass from various surfaces, including agricultural fields, houses, and nurseries. It will be equipped with sharp blades and a durable cutting mechanism to ensure efficient grass cutting. The use of solar energy in this machine reduces the operational costs and minimizes environmental impact. It also provides the flexibility of using the grass cutter in remote areas or places with limited access to electricity.*

Keywords: solar-powered grass cutter.

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