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(12) UTILITY MODEL

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(54) **Title:** REMOTELY CONTROLLED HYBRID UNMANNED AERIAL AND GROUND VEHICLE.

(57) **Abstract:** A remotely controlled hybrid unmanned aerial and ground vehicle, comprising a mechanical module, electronic module and a software is disclosed. The mechanical module comprises a chassis, drive system attached to chassis, four propellers, four motors, and audio-visual system. The electronic module comprises UGV-UAV controlled circuit, power circuit and master control board. The software module that monitors and controls all functions of the UAV and UGV. The invention further discloses a process of designing a remotely controlled hybrid unmanned vehicle consisting the following steps; design of chassis, electronic design, assembly and software development. Whereas a UGV is any piece of mechanized equipment that moves across the surface of the ground and serves as a means of transportation without an on-board human presence. The UGV and UAV are a provision of aerial and land locomotion of the hybrid robot.