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(54) Title of the invention : SUAV-WOMEN SECURITY: WOMEN SECURITY USING STREET LIGHT AND AUTO RUN UNMANNED AERIAL VEHICLE USING IOT BASED TECHNOLOGY.

(51) International classification	:G05D0001100000, B64C0039020000, G05D0001120000, G05D0001000000, G01S0019130000	(71)Name of Applicant : 1)Dr. VINAY RISHIWAL (PROFESSOR) Address of Applicant :DEPARTMENT OF CSIT, FET, MJP ROHILKHAND UNIVERSITY, BAREILLY, UP, INDIA. Contact number: +91-9412149229 E-mail: vianyrishiwal@gmail.com Uttar Pradesh India
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(57) Abstract :

Our Invention SUAV-Women Security • is a street lighting system and Auto Run Unmanned Aerial Vehicle Using IoT based Technology is to provide having a movement system a light source repositionable via the moving object. A sensor, controller and an IoT based communication system the controller may control characteristics of the light emitted by the light source and detect the object who needed to help then rotation of the panel by the movement system receiving signal information from the sensor. The invented technology the movement system, the controller, the sensor, and the communication system are installable in a drone. Wearable apparatus may be used with the system. Objects may be tracked and illuminated. An aerial device automatically maintains a relative position with respect to a target and the aerial device can set a relatively multi-dimensional position with respect to the target. The invented technology the target can have an indicator (e.g., a visual marker for image capture tracking, or a radio indicator for tracking via signaling) that the aerial device reads. The aerial device can automatically adjust its path in response to the movement of the target as indicated by the indicator. Systems and methods for unmanned aerial vehicle (UAV) navigation are presented and a preferred, UAV is configured with at least one corridor and path, and a first UAV path is calculated.

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