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(54) Title: ADHOC GEO-FIDUCIAL MATS FOR LANDING UAVS

(57) Abstract: An apparatus for visual navigation of a UAV includes a geo-fiducial mat and a plurality of geo-fiducials. The geo-fiducial mat includes a landing pad region that provides a location for aligning with a landing pad of a UAV and a survey point. The geo-fiducials are each specified for a unique directional and offset position in or about the landing pad region relative to the survey point. The geo-fiducials each includes a two-dimensional (2D) pattern that visually conveys an alphanumeric code. The 2D pattern has a shape from which a visual navigation system of the UAV can visually triangulate a position of the UAV.

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