UAV System and Method

ABSTRACT

A system is provided for guarding a perimeter, including a control center, a launch system, a controller and a communication system. The control center is configured for generating a control signal responsive to receiving infiltration information of an actual or suspected infiltration at a target zone associated with the perimeter by one or more infiltration agents. The launch system is configured for deploying one or more ready-to-launch UAV's to the target zone responsive to receiving the control signal from the control center. The controller is configured for operating the launched UAV(s) to home onto at least one such infiltration agent. The controller is also configured for identifying the nature of the infiltration agent or the nature of infiltration; and/or for tracking the infiltration agent via the UAV(s). The communication system is configured for providing data corresponding to the nature of the infiltration agent or the nature of infiltration, and/or for providing location data corresponding to the location of the infiltration agent being tracked by the UAV's to enable neutralization thereof. A corresponding method for guarding a perimeter is also provided.

[Figure 1]