

**APPARATUS AND METHOD FOR LAUNCHING
AND LANDING OF AERIAL VEHICLES**

5 ABSTRACT OF THE DISCLOSURE

 An apparatus on a movable vessel for providing a platform for launching or landing of aerial vehicles comprises a base member having a central axis and being adapted for mounting to a vessel, a compensating arm having two ends, the first end being mounted to the base member, and
10 the compensating arm being rotatable about the central axis of the base member, a multi-axis connector adapted to be pivotably connected to the second end of the compensating arm, and a platform adapted for coupling to the multi-axis connector. The platform is capable of movement in at least two degrees of freedom and has at least one sensor to sense three-
15 dimensional position. One or more controllers coupled to the at least one sensor process positional information and provide instructions to orient the platform in a predetermined position or orientation.

Figure 1 accompanies the abstract.

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