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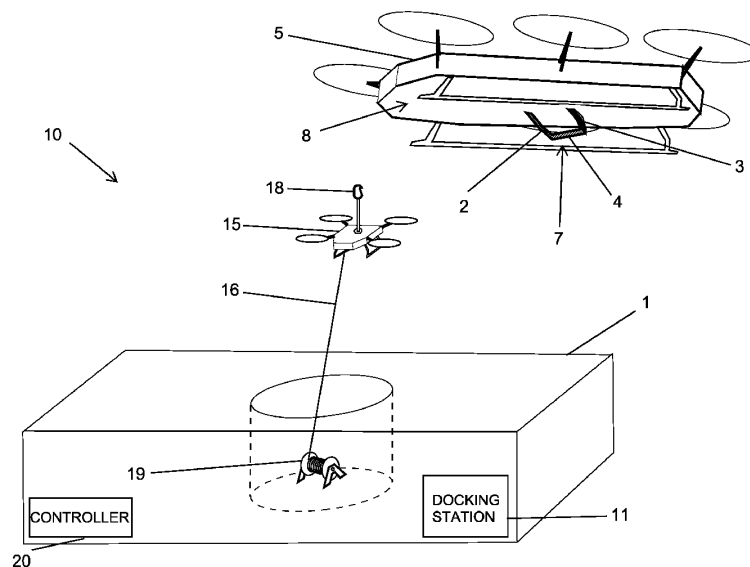


Fig. 1

(57) Abstract: A system for latching an unmanned aerial vehicle (UAV) has a first UAV for performing a mission and configured with a latchable structure; a second UAV connected to a latching mechanism for assisting the first UAV in performing the mission; and a controller for dispatching the second UAV toward the first UAV and for commanding latching of the latching mechanism with the latchable structure of the first UAV in midair in order to assist the first UAV in performing the mission. In a UAV landing method, the second UAV is dispatched towards the first UAV while a cable extending from the latching mechanism is movably connected to a landing platform; the latching mechanism becomes latched to the latchable structure of the first UAV; and the first UAV is caused to land at the landing platform by reducing a length of the cable from the latching mechanism to the landing platform.

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