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(71) Applicant: **SINGAPORE UNIVERSITY OF TECHNOLOGY AND DESIGN** [SG/SG]; 8 Somapah Road, Singapore 487372 (SG).

(72) Inventors: **FOONG, Shaohui**; c/o Singapore University of Technology and Design, 8 Somapah Road, Singapore 487372 (SG). **TAN, Chee How**; c/o Singapore University of Technology and Design, 8 Somapah Road, Singapore 487372 (SG). **Danial Sufiyan Bin Shaiful**; c/o Sin-

gapore University of Technology and Design, 8 Somapah Road, Singapore 487372 (SG). **TANG, Zheng Wei Emmanuel**; c/o Singapore University of Technology and Design, 8 Somapah Road, Singapore 487372 (SG).

(74) Agent: **VIERING, JENTSCHURA & PARTNER LLP**; P.O. Box 1088, Rochor Post Office, Rochor Road, Singapore 911833 (SG).

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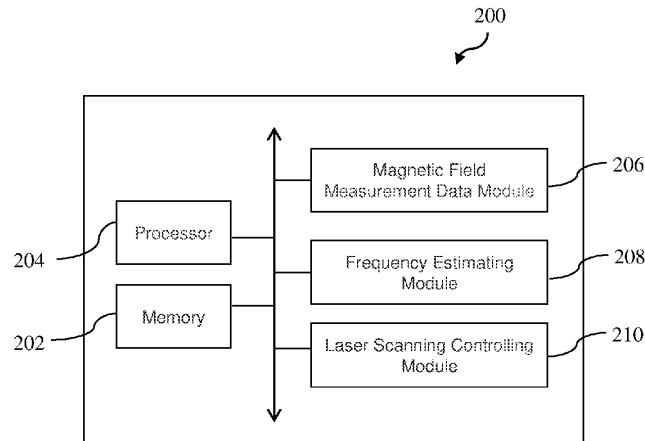


FIG. 2

(57) Abstract: There is provided a method of controlling laser scanning by a rotorcraft. The rotorcraft includes: a rotatable body frame configured to rotate during flight; a laser rangefinder mounted on the rotatable body frame and configured to perform laser scanning; and a magnetometer configured to measure magnetic field. The method includes: obtaining magnetic field measurement data from the magnetometer while the rotatable body frame is rotating during flight, the magnetic field measurement data including a sinusoidal signal; estimating a frequency of the sinusoidal signal; and controlling the laser rangefinder to perform laser scanning based on the estimated frequency of the sinusoidal signal. There is also provided a corresponding controller for controlling laser scanning by a rotorcraft, and a corresponding rotorcraft configured to perform laser scanning including the controller.

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