

ABSTRACT

5 According to a first aspect of the present invention, there is provided a motion sensor system comprising: at least two sensors, wherein each of the two sensors comprises: a sensor controller configured to generate a transceiver control signal; a transceiver configured to be driven by the transceiver control signal to send a transmission signal and to receive a reflected signal; and a signal processor configured to process information derived from the received signal, wherein in response to
10 at least one of the signal processors detecting a reading in the processed information, at least one of the sensor controllers is configured to change an interval of its generated transceiver control signal so as to increase an interval difference between the transceiver control signals generated by the two sensor controllers.

15 Figure 2A