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(54) Title: METHODS AND SYSTEMS FOR TRACKING LIVING OBJECTS

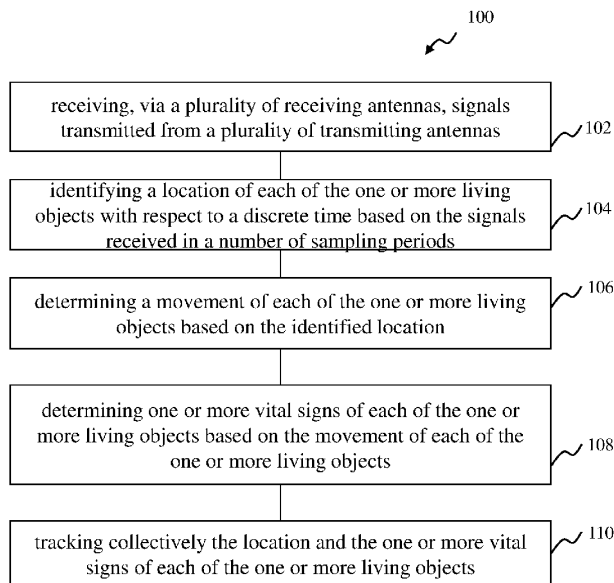


FIG. 1

(57) Abstract: A method for tracking one or more living objects using at least one processor is provided. The method includes: receiving, via a plurality of receiving antennas, signals transmitted from a plurality of transmitting antennas; identifying a location of each of the one or more living objects with respect to a discrete time based on the signals received in a number of a sampling periods; determining a movement of each of the one or more living objects based on the identified location; determining one or more vital signs of each of the one or more living objects based on the movement of each of the one or more living objects; and tracking collectively the location and the one or more vital signs of each of the one or more living objects.

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