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(54) **STEERABLE PHASE ARRAY ANTENNA RFID TAG LOCATER AND TRACKING SYSTEM AND METHODS**

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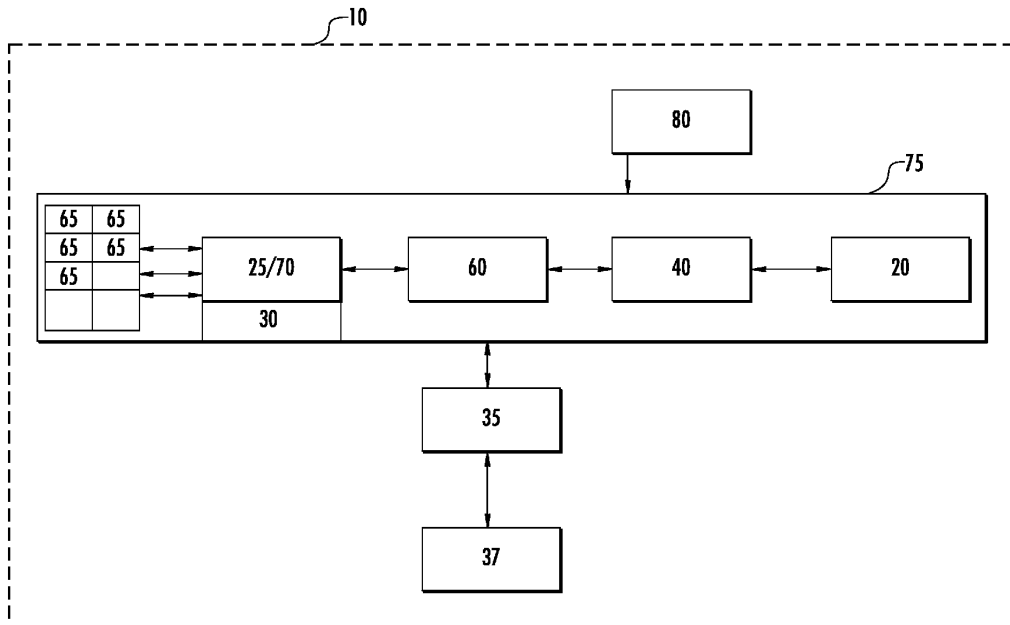
(57) **ABSTRACT**

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§ 371 (c)(1),
(2), (4) Date: **Feb. 26, 2010**

A system for and method of tracking and locating RFID tags, including where at least one steerable phase array antenna may locate the tags associated with items in three dimensions in real time, through the use of a beam steering unit and controller therewith to control the direction of a beam launched by the at least one steerable phase array antenna.



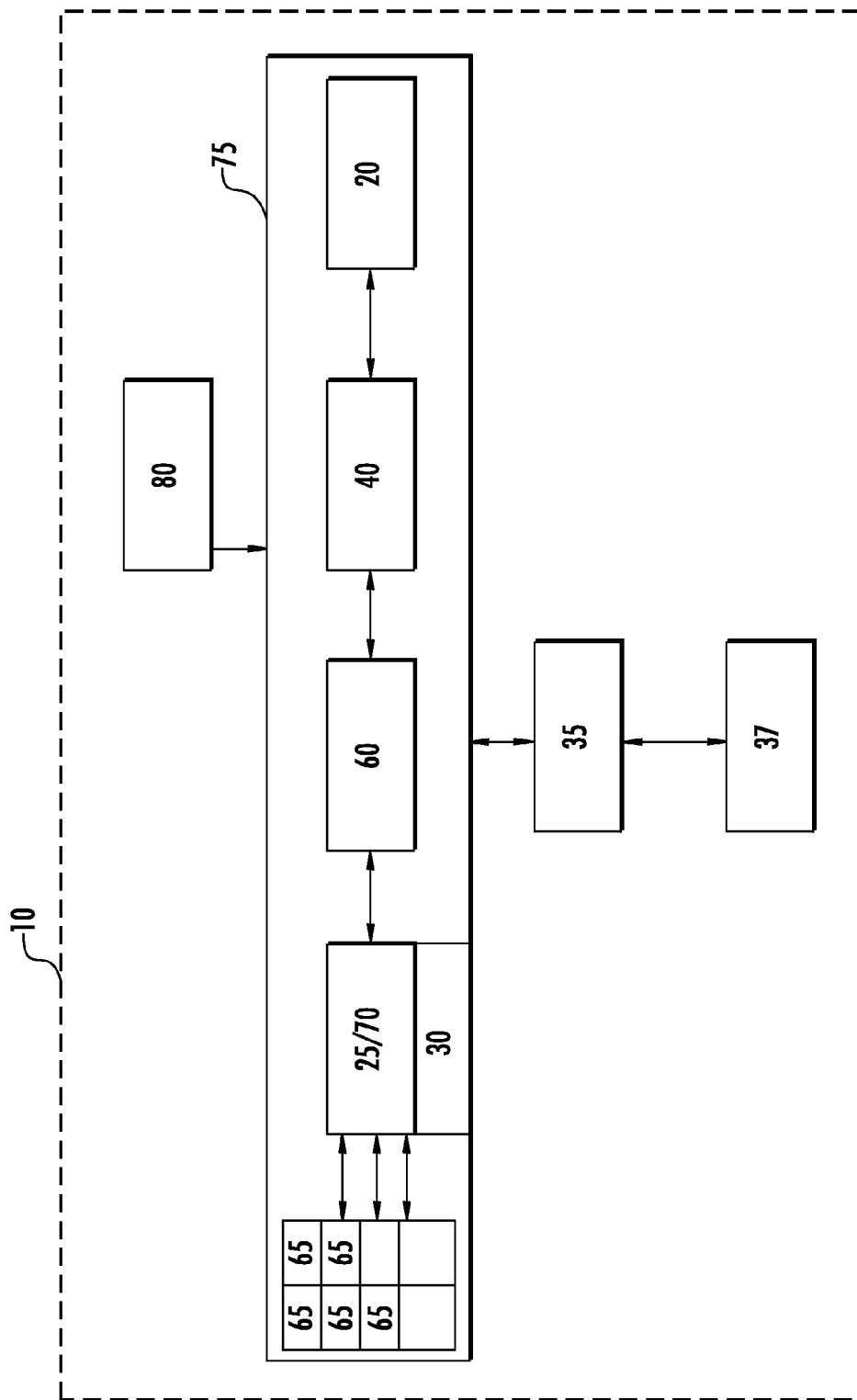


FIG. 1

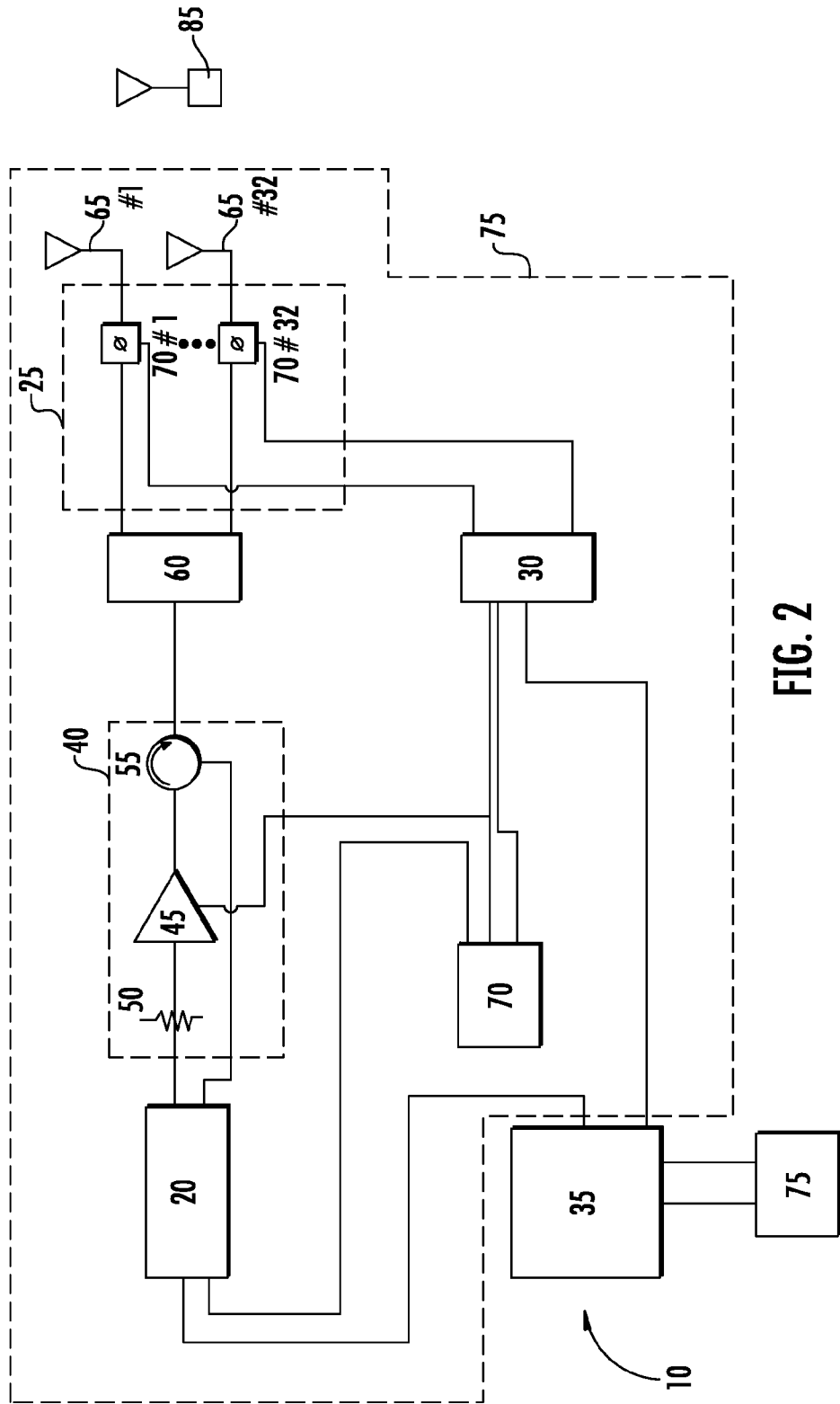


FIG. 2

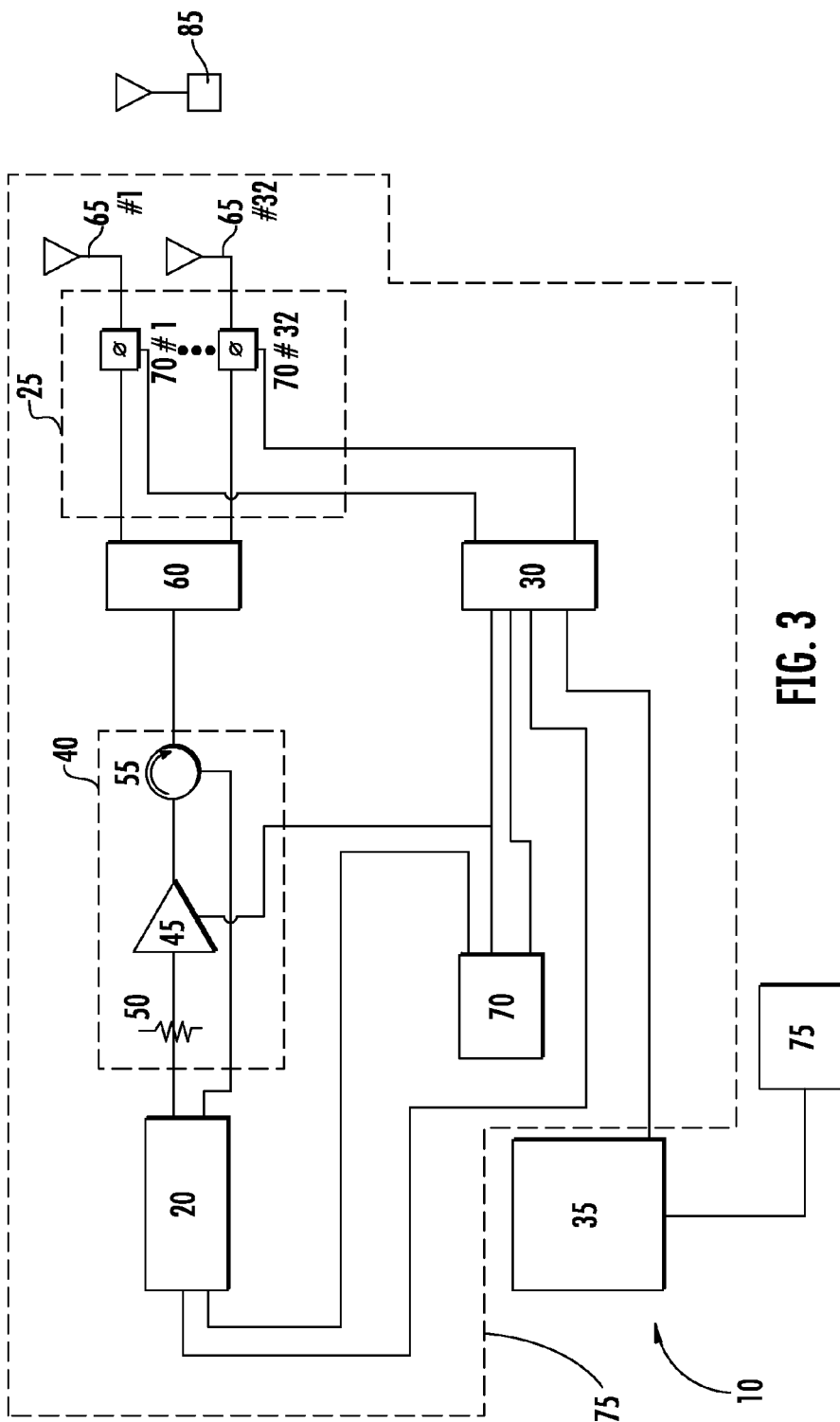


FIG. 3

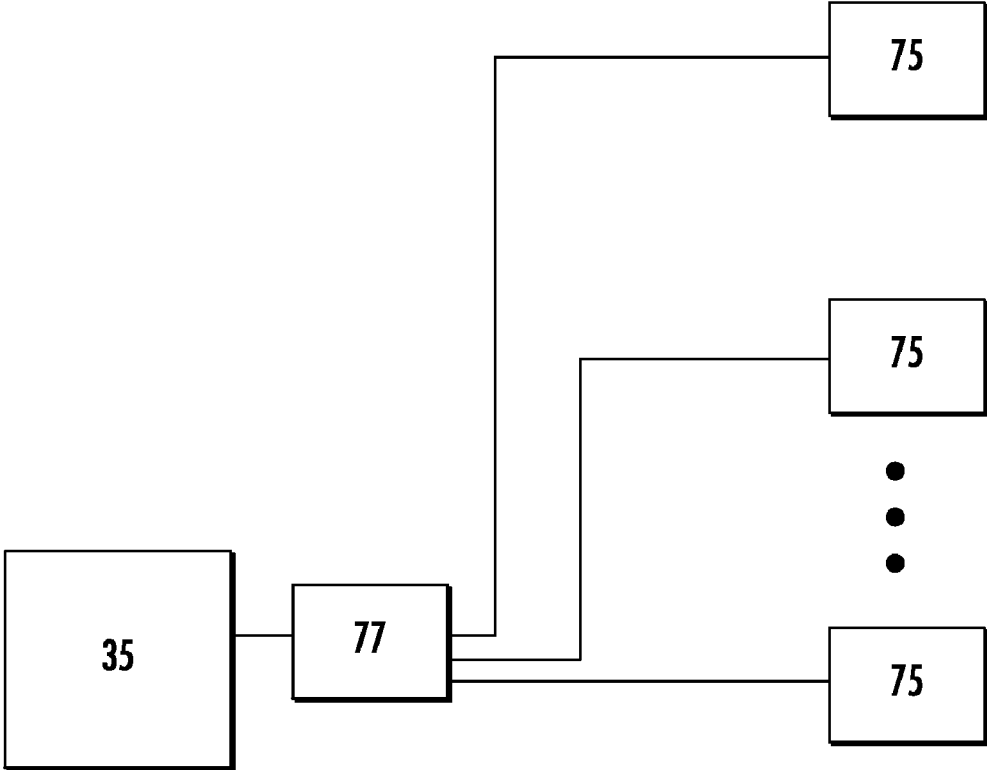


FIG. 4

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