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#### Friday et al.

- (54) WIRELESS NODE LOCATION MECHANISM USING ANTENNA PATTERN DIVERSITY TO ENHANCE ACCURACY OF LOCATION ESTIMATES
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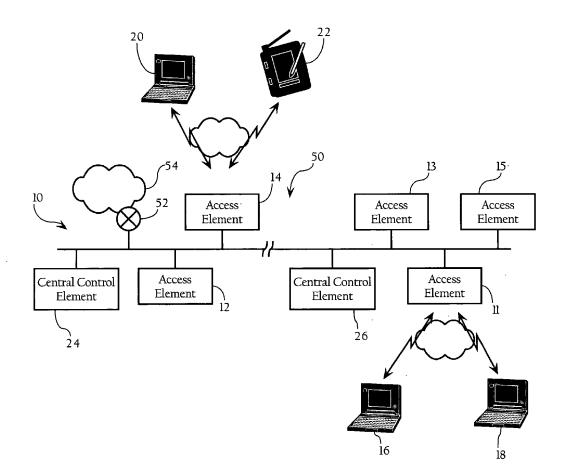
(21) Appl. No.: 10/783,186

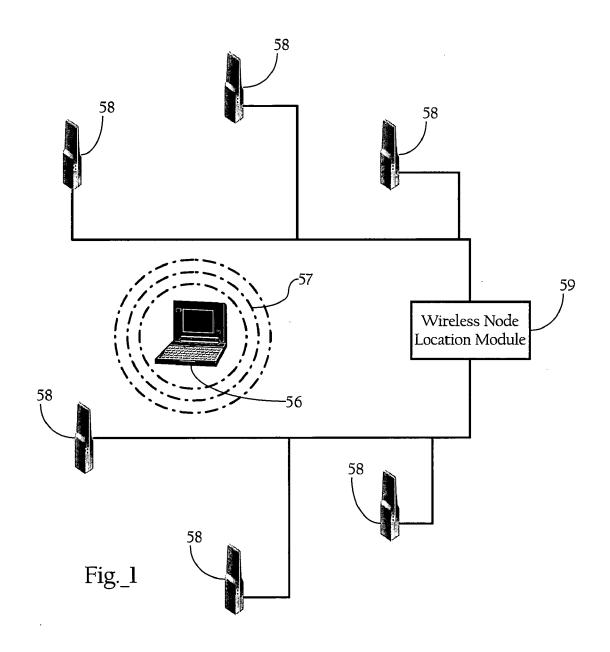
#### (22) Filed: Feb. 20, 2004

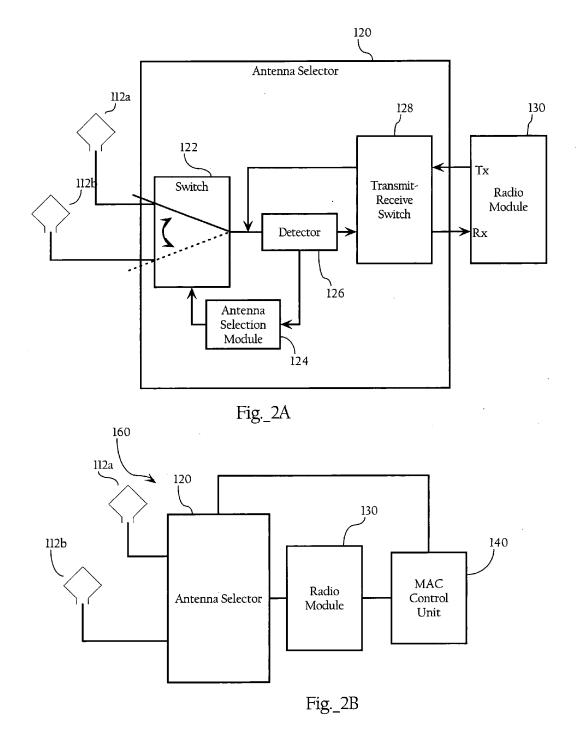
#### **Publication Classification**

#### (57) **ABSTRACT**

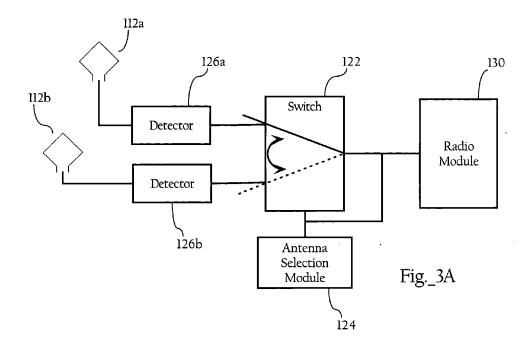
A wireless node RF Fingerprinting location mechanism that uses multiple antenna patterns to enhance the accuracy of wireless node location in an RF environment. In one implementation, substantially non-overlapping antenna pattern diversity is used to provide a degree of sectorization in computing the estimated location of a wireless node.

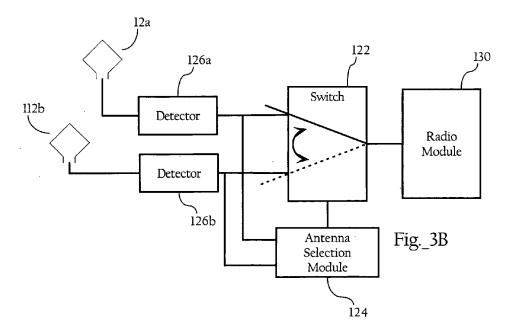


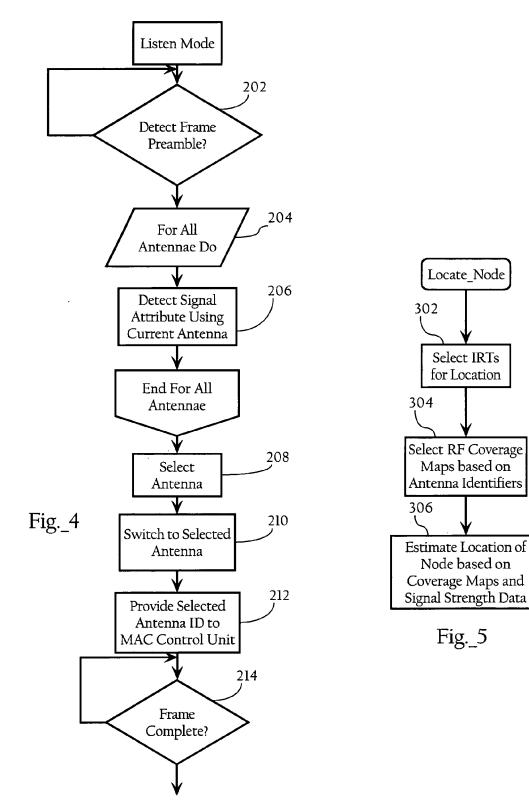




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