



US 20070155387A1

(19) **United States**

(12) **Patent Application Publication**

Li et al.

(10) **Pub. No.: US 2007/0155387 A1**

(43) **Pub. Date: Jul. 5, 2007**

(54) **TECHNIQUES FOR SCHEDULING AND ADAPTATION TO COMBAT FAST FADING**

Publication Classification

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(51) **Int. Cl.**
H04Q 7/20 (2006.01)

(52) **U.S. Cl.** **455/441; 375/141**

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(57) **ABSTRACT**

Techniques to perform scheduling and adaptation to combat fast fading are described. An embodiment is a scheduling/adaptation scheme for a communications system for which different Orthogonal Frequency Division Multiplexing (OFDM) symbol durations and subcarrier spacing are employed for slow and fast subscribers, respectively. Other embodiments are described and claimed.

(21) Appl. No.: **11/322,525**

(22) Filed: **Dec. 30, 2005**

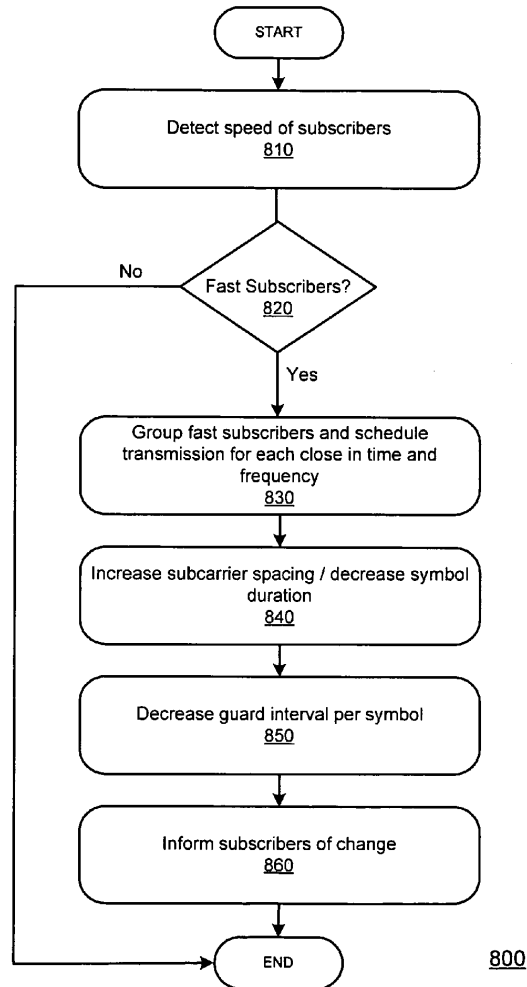


FIG. 1

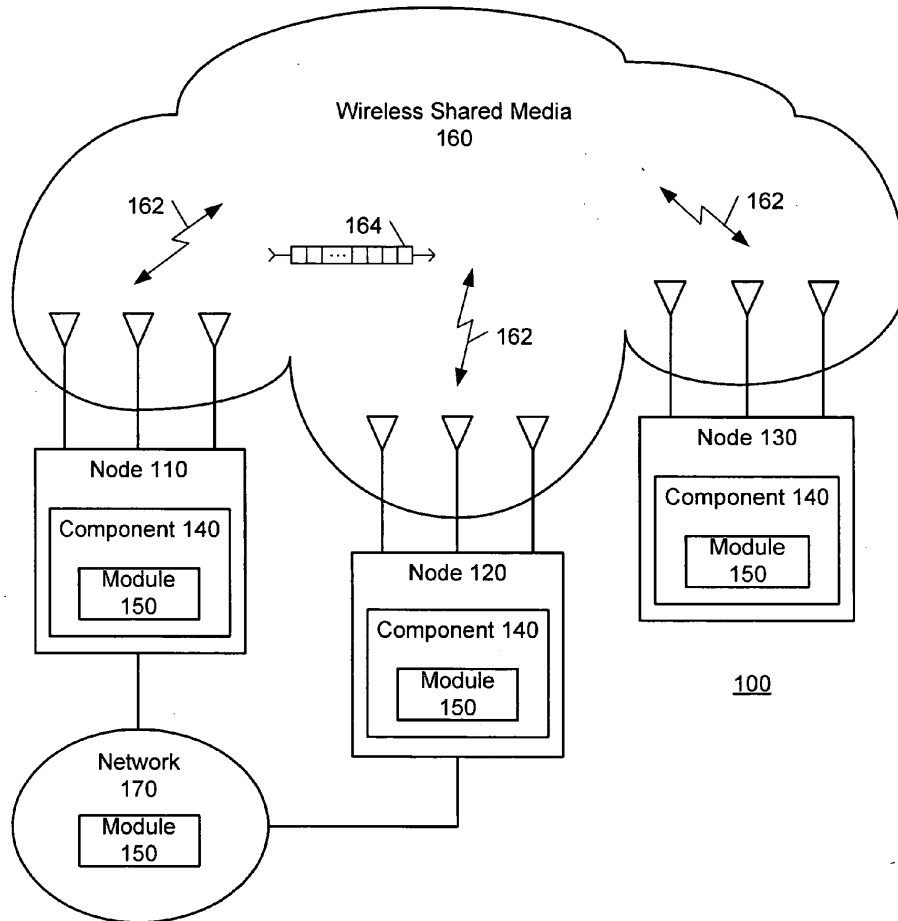


FIG. 2

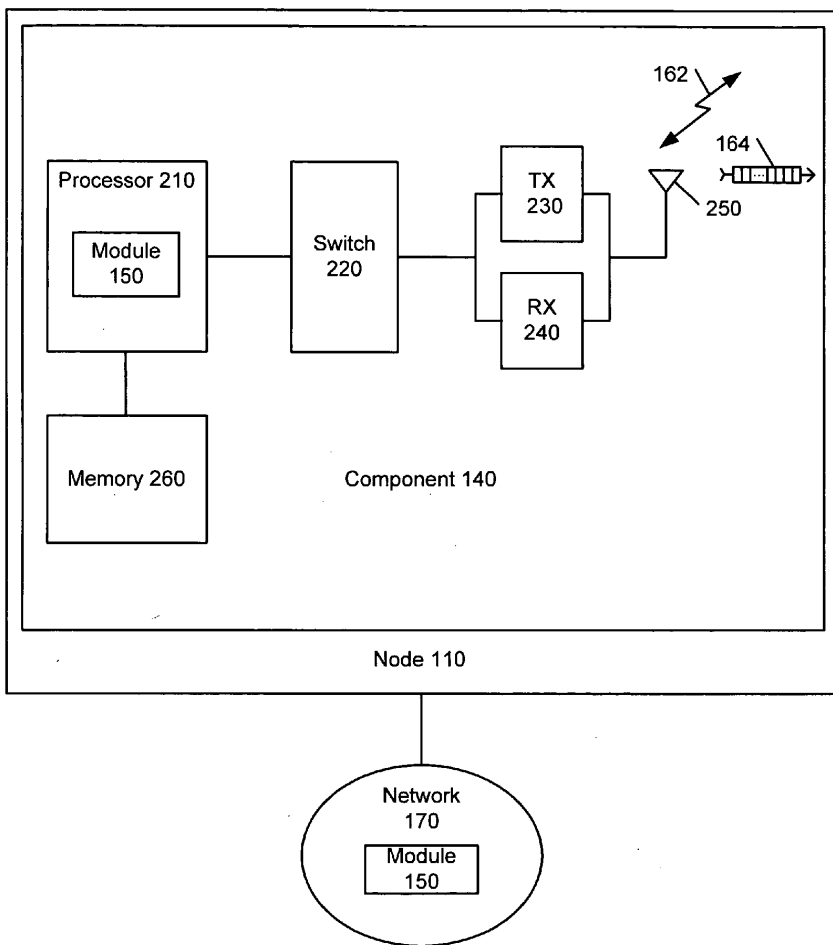


FIG. 3

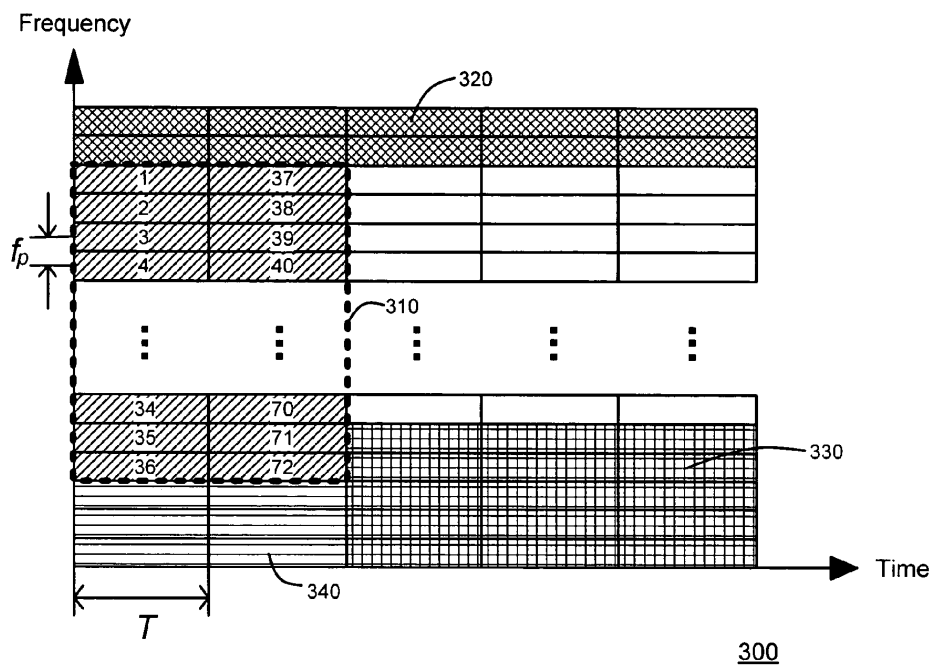
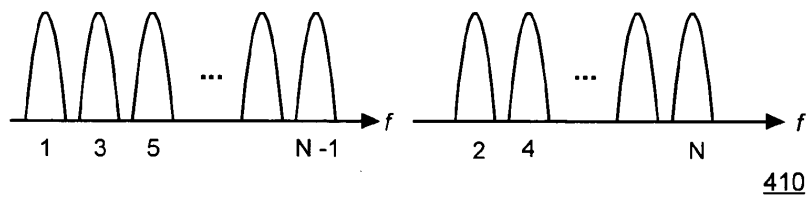
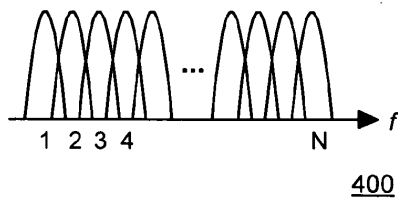


FIG. 4



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