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

Publication Classification

(76) Inventors: **Qinghua Li**, Sunnyvale, CA (US);
Xintian E. Lin, Mountain View, CA (US)

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Correspondence Address:
KACVINSKY LLC
C/O INTELLEVATE
P.O. BOX 52050
MINNEAPOLIS, MN 55402 (US)

(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.

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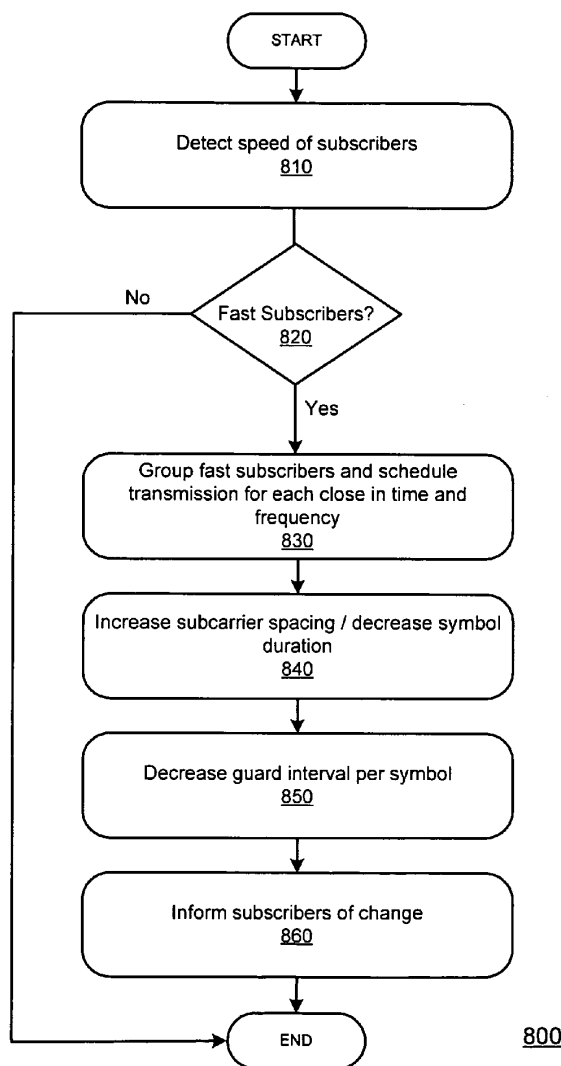


FIG. 1

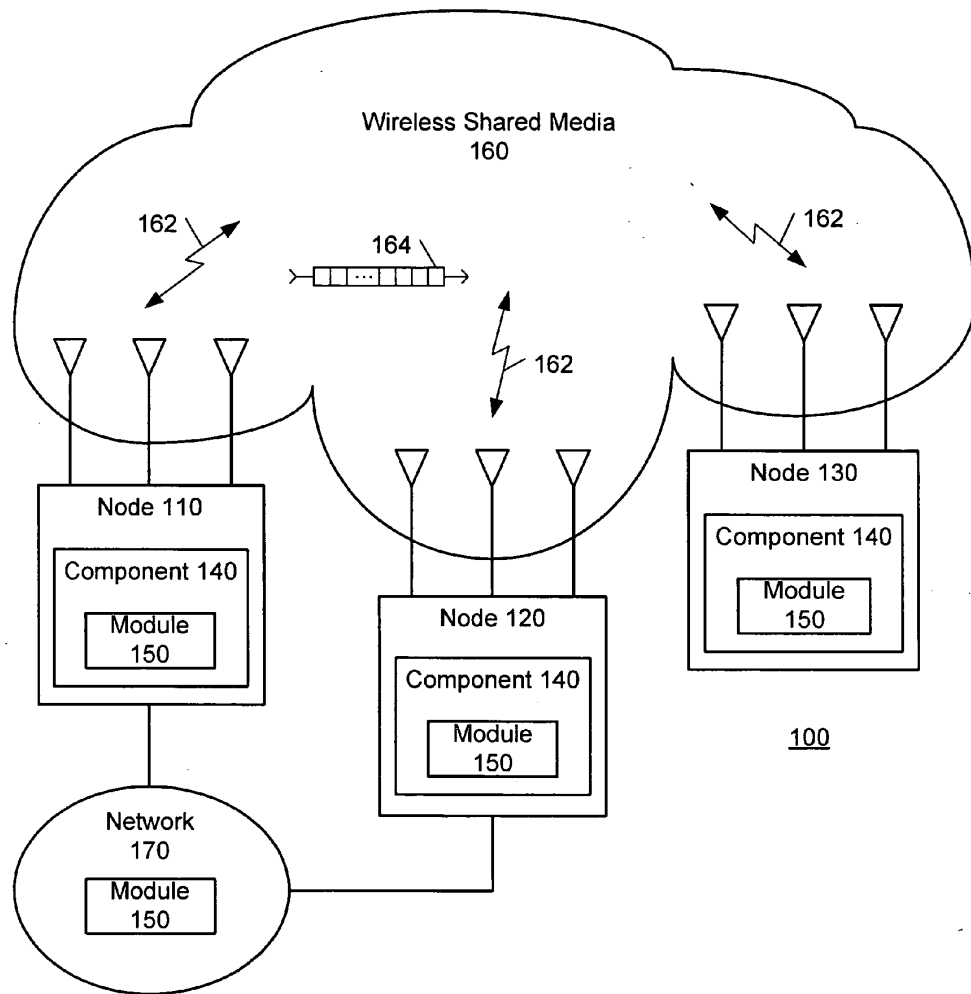


FIG. 2

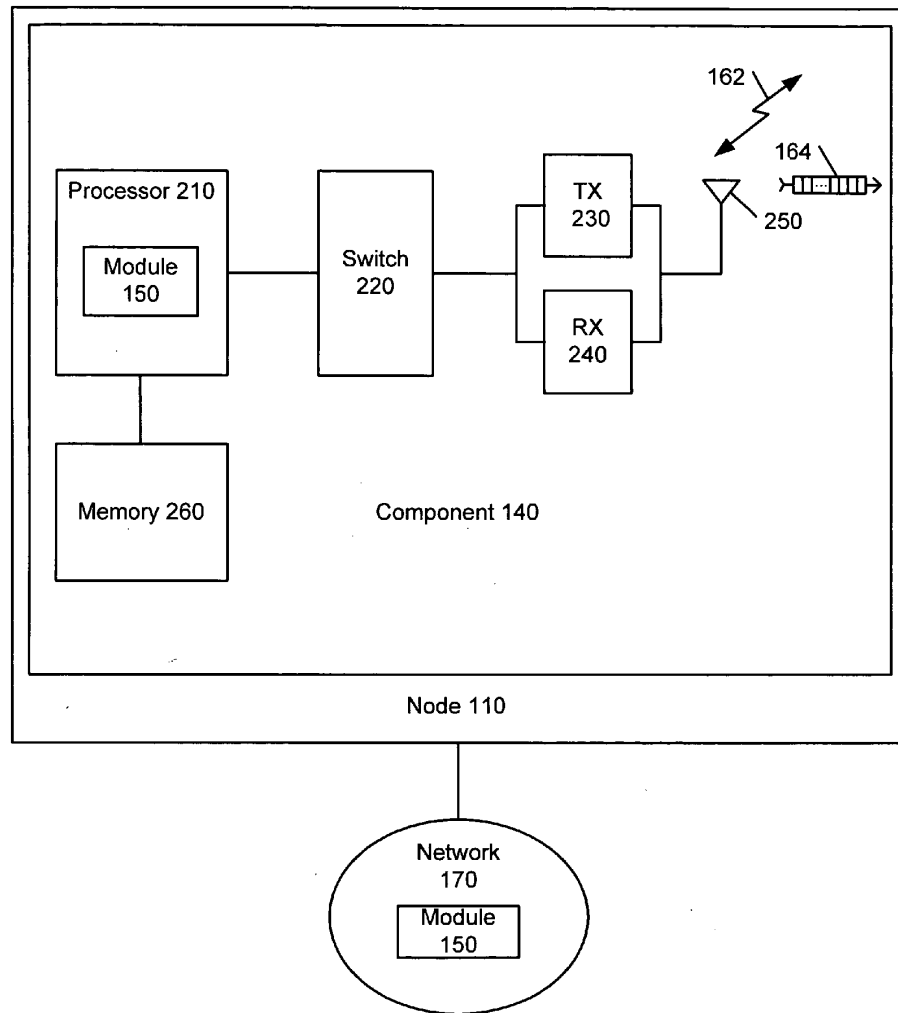


FIG. 3

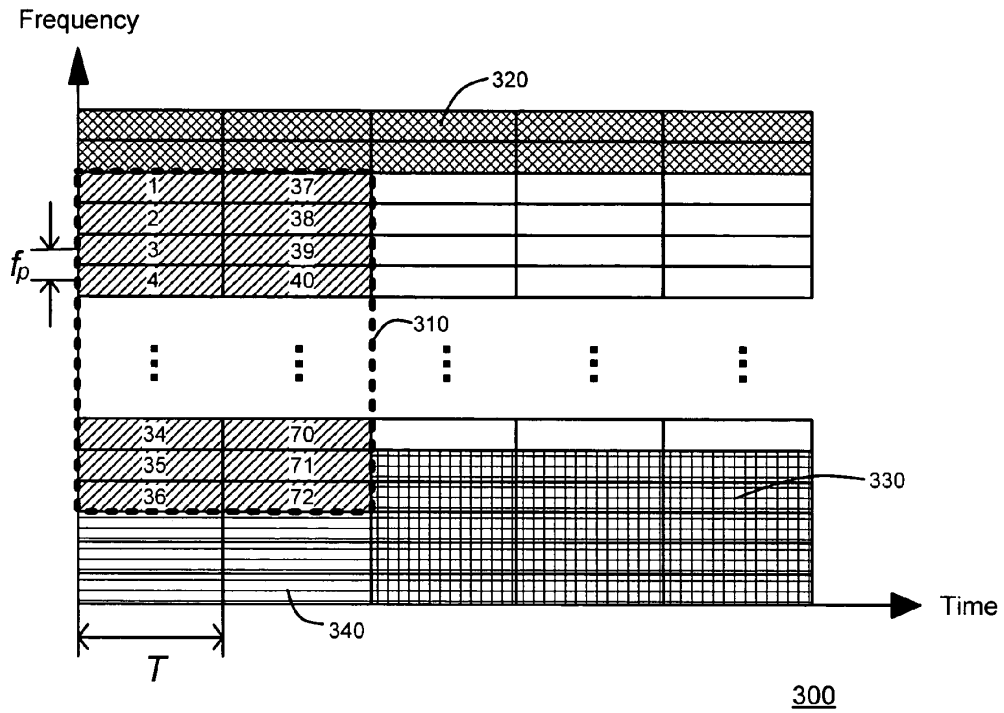
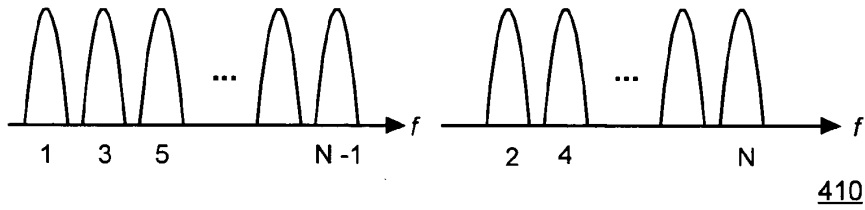
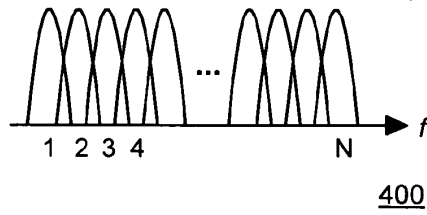


FIG. 4



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