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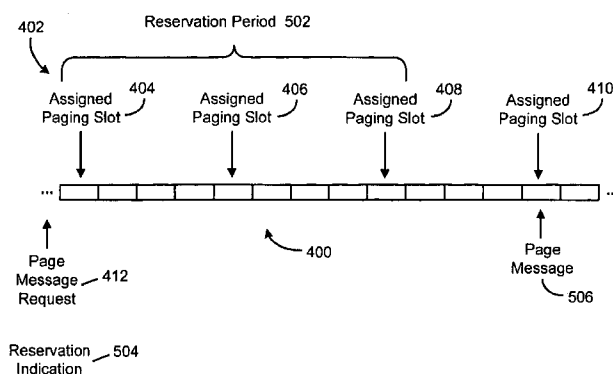
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- (54) Title: METHODS AND APPARATUS FOR PROVIDING SLOT RESERVATIONS FOR SLOTTED MESSAGES IN WIRE-
LESS COMMUNICATION NETWORKS



- (57) Abstract: Methods and apparatus for providing slot reservations for slotted messages in a wireless communication network are disclosed. In one illustrative example, a mobile communication device transmits a slot reservation indication to the wireless network for reserving each nth paging slot assigned to the mobile device. At some point in time, a page message request for paging the mobile device is received within the wireless network. A page message for paging the mobile device is refrained from being transmitted within a reserved paging slot, but rather within a subsequent paging slot assigned to the mobile device after a lapse of time associated with the reserved paging slot. During the slot reservation, the mobile device may perform a function such as a GPS location fix or network scanning operation. In an alternative approach, the wireless network may infer a reservation for the mobile device through use of neighbor list message associated with it. For example, the wireless network may examine a neighbor list message referred to as a General Neighbor List Message sent on a control channel such as the Paging Channel or the Broadcast Common Control Channel. Here, the wireless network may identify within the message the presence of a frequency different from the current network frequency, or the presence of a wireless technology different from that of the current network, and set the reservation for the mobile device in response.



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