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(54) **METHOD AND APPARATUS FOR SIGNALING USER EQUIPMENT STATUS INFORMATION FOR UPLINK DATA TRANSMISSION IN A MOBILE COMMUNICATION SYSTEM**

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(57) **ABSTRACT**

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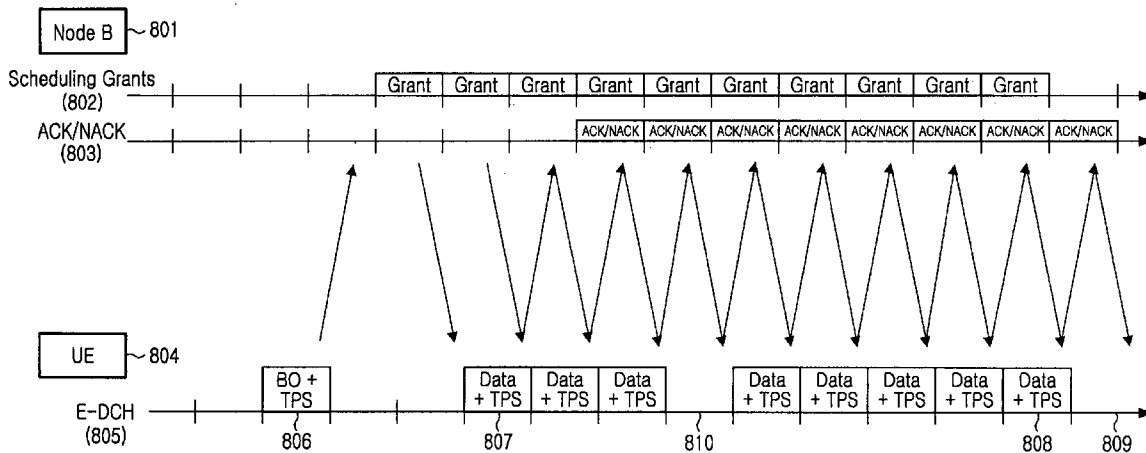
A method and apparatus for increasing the scheduling performance of a system supporting an uplink data service and total system stability by effectively UE status information to a Node B in a mobile communication system supporting the uplink data service are provided. UE status information including buffer occupancy information and transmit power status information is transmitted to a Node B periodically or upon generation of an event, irrespective of the presence or absence of uplink data to be transmitted. Since the buffer occupancy information and the transmit power status information are transmitted to the Node B by MAC-e signaling, physical channel resources are saved and E-DCH performance is improved.

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Oct. 19, 2004 (KR) ..... 83775/2004



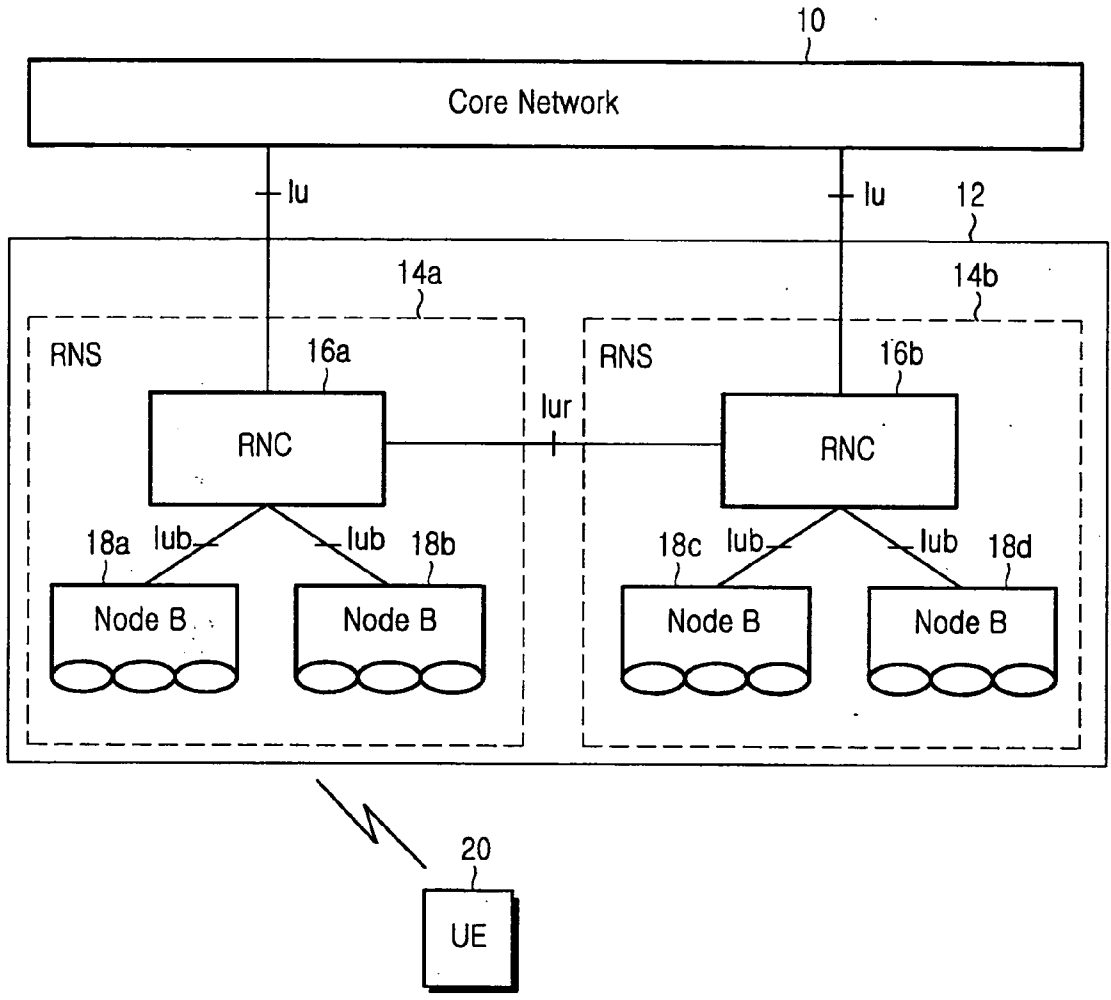


FIG. 1  
(PRIOR ART)

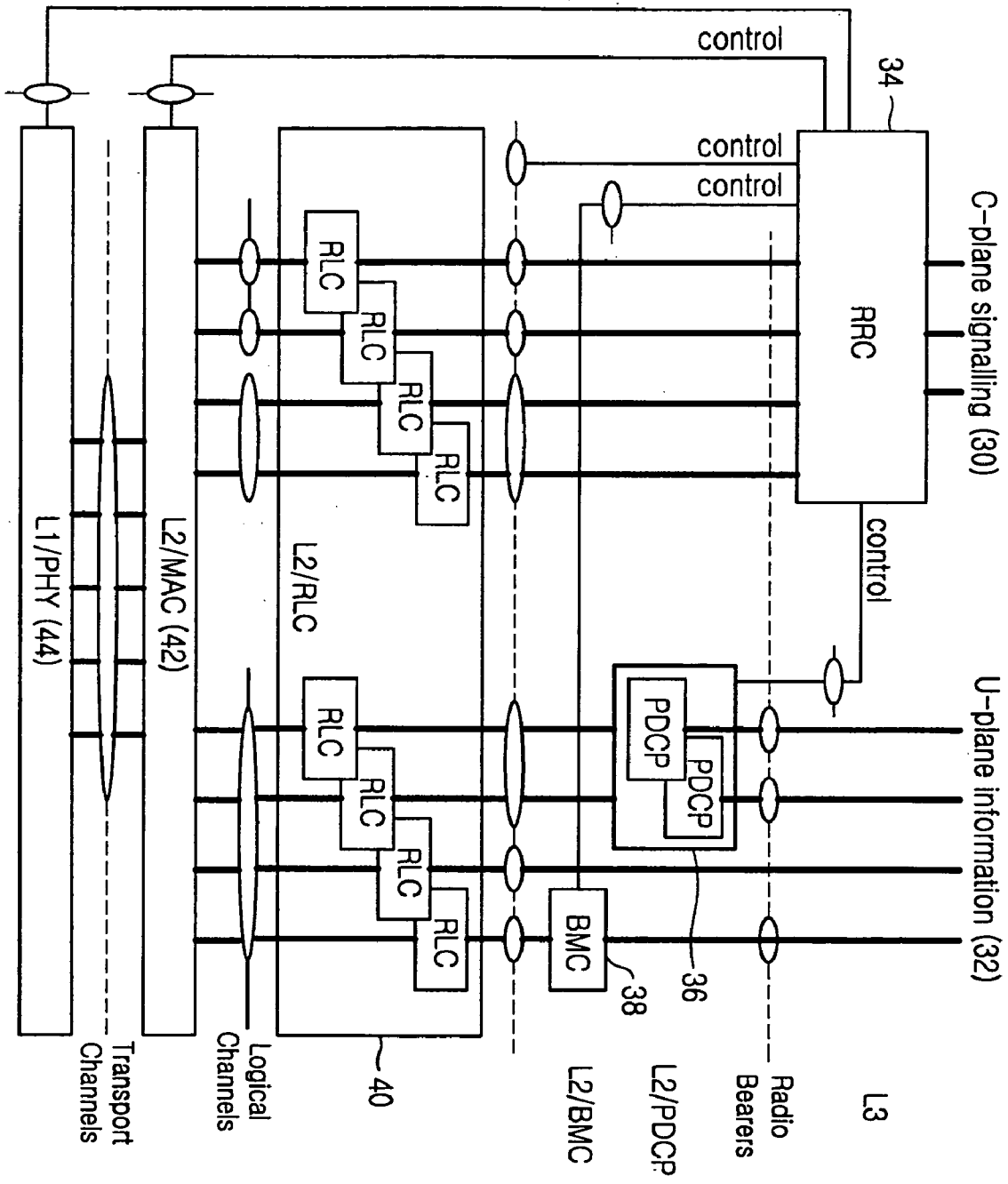


FIG.2  
(PRIOR ART)

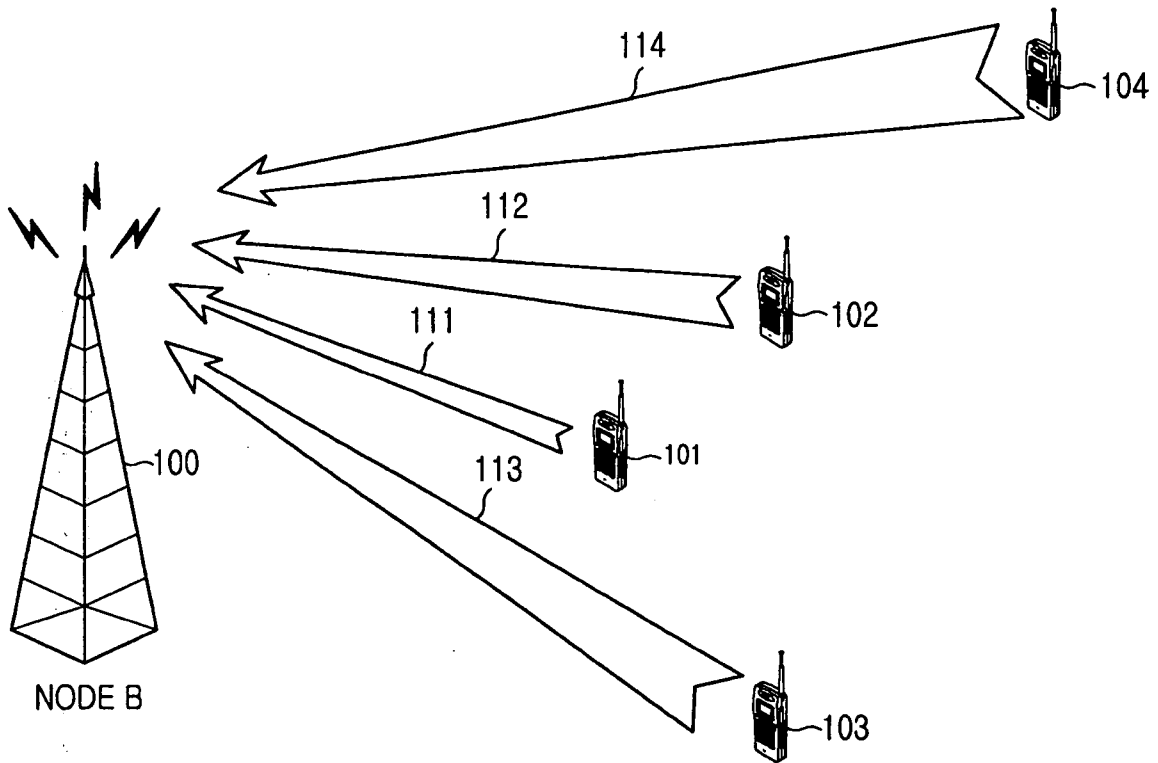


FIG.3  
(PRIOR ART)

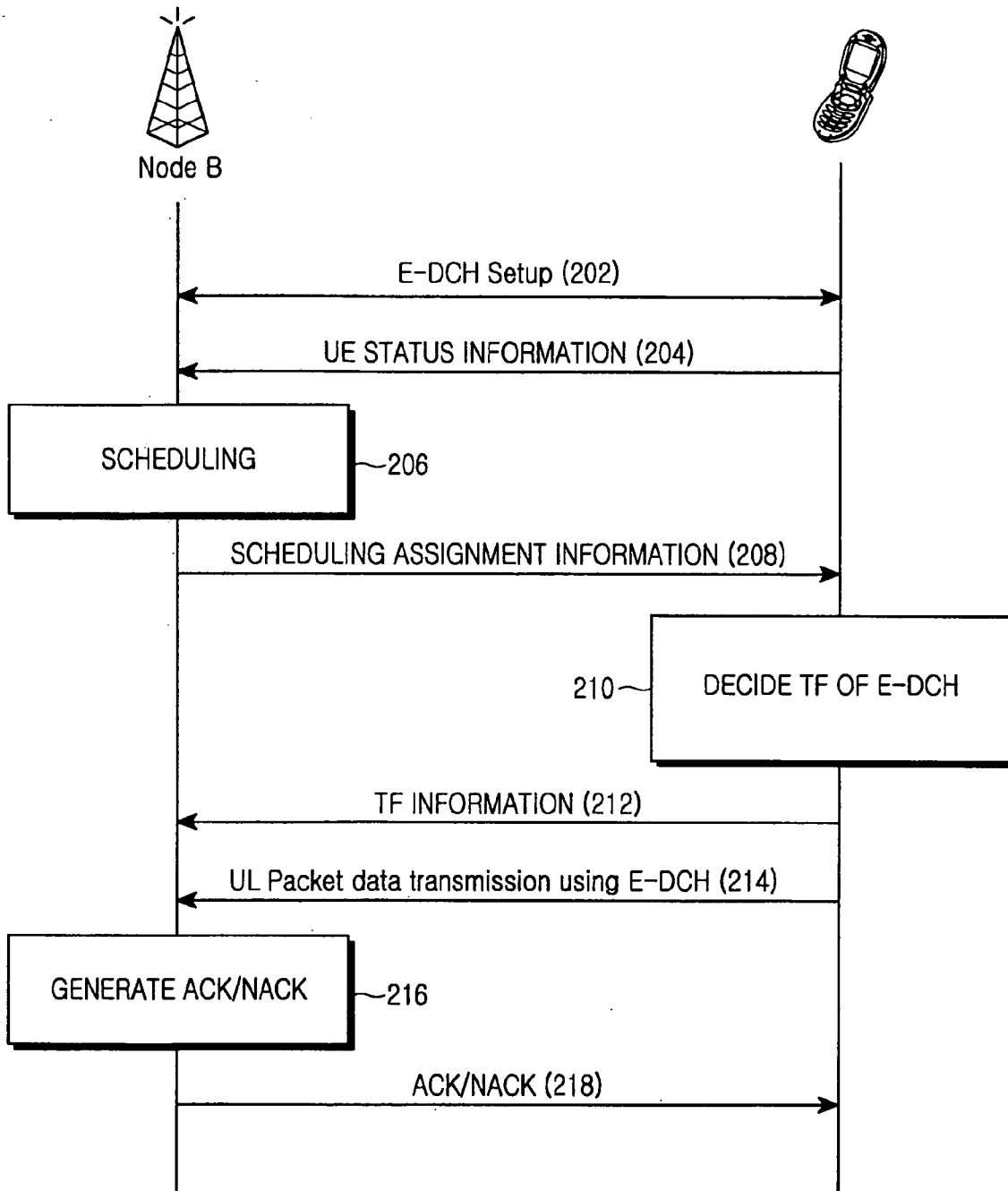


FIG.4  
(PRIOR ART)

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