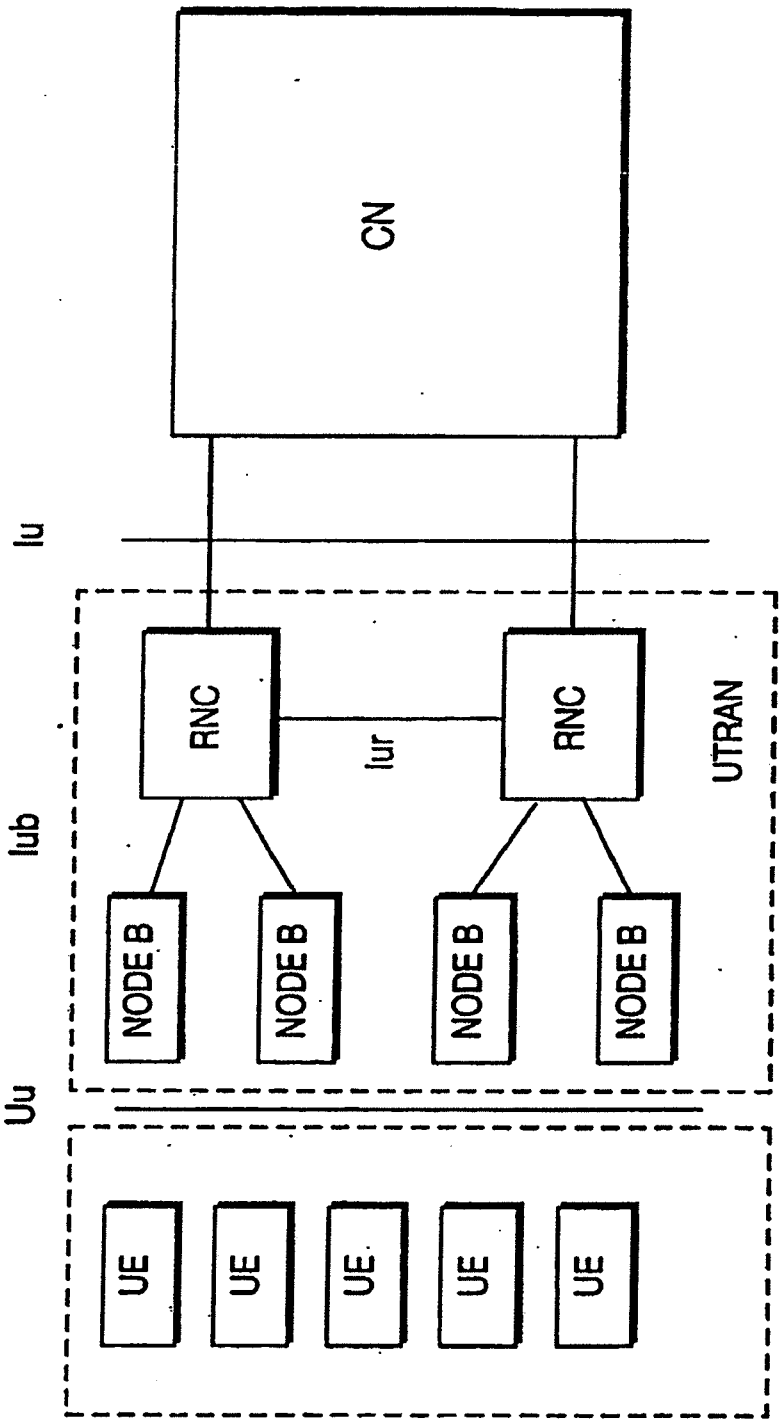


FIG. 1
PRIOR ART

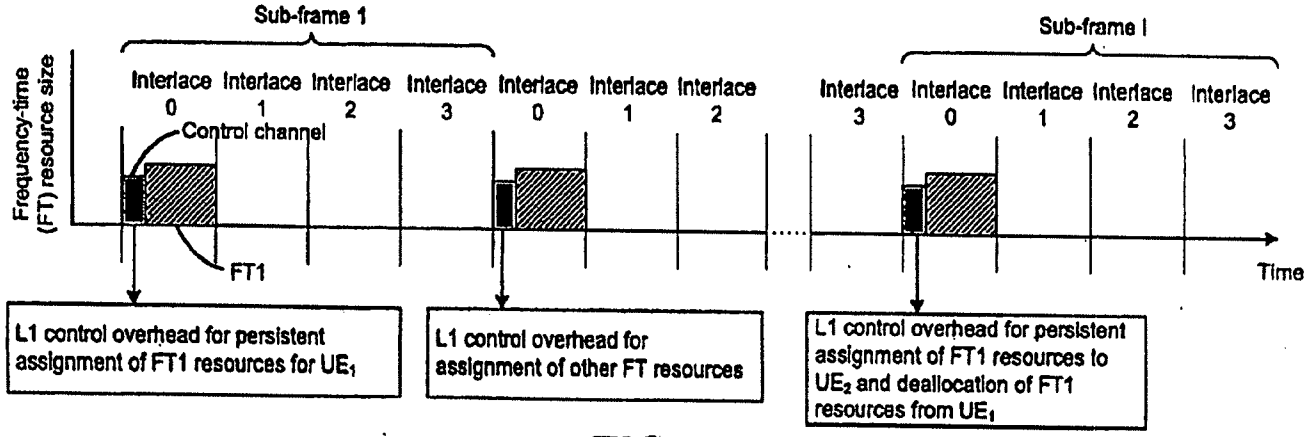


FIG. 2
PRIOR ART

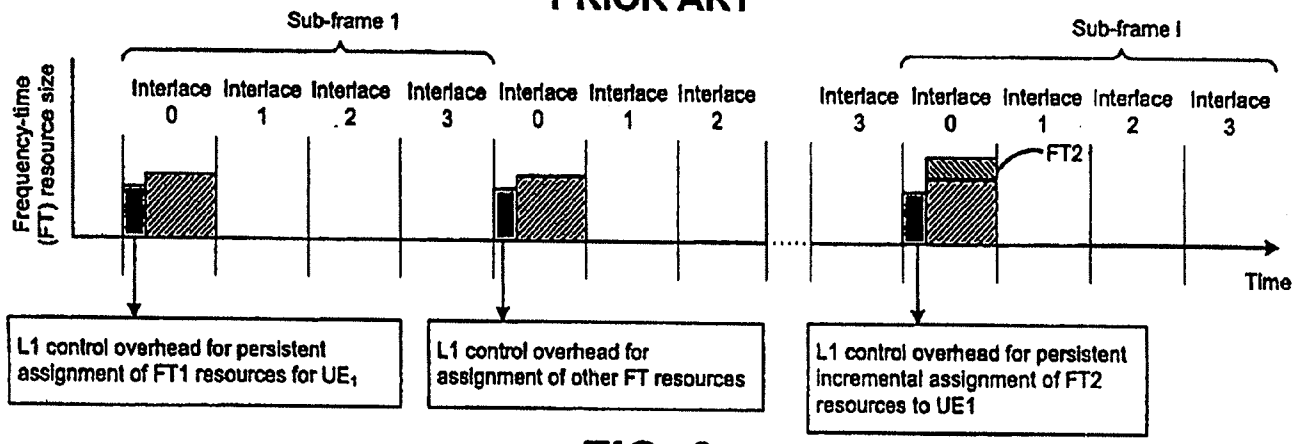


FIG. 3
PRIOR ART

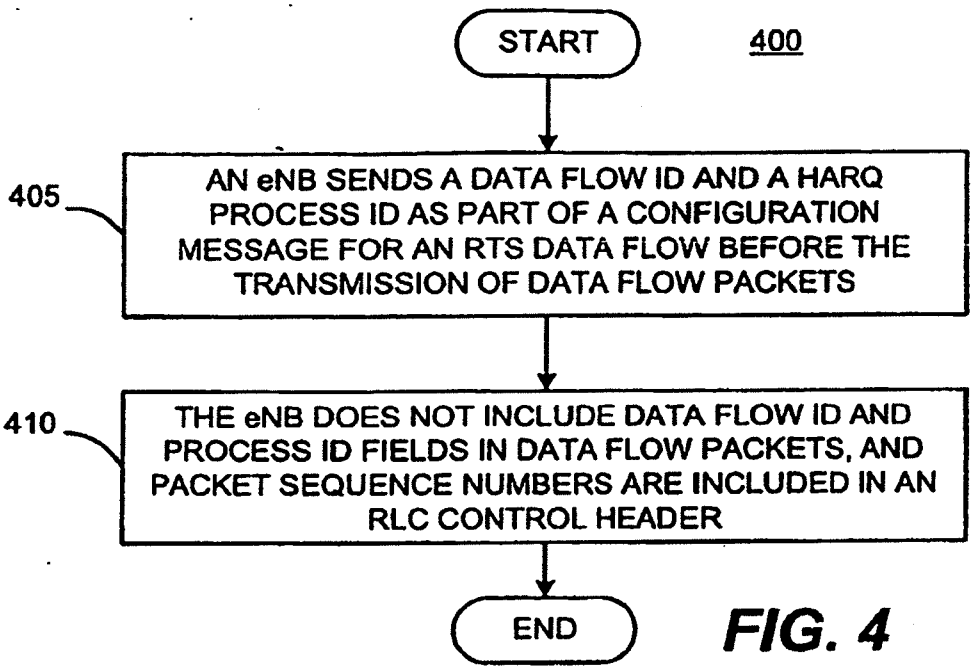

START
400
405
AN eNB SENDS A DATA FLOW ID AND A HARQ PROCESS ID AS PART OF A CONFIGURATION MESSAGE FOR AN RTS DATA FLOW BEFORE THE TRANSMISSION OF DATA FLOW PACKETS
410
THE eNB DOES NOT INCLUDE DATA FLOW ID AND PROCESS ID FIELDS IN DATA FLOW PACKETS, AND PACKET SEQUENCE NUMBERS ARE INCLUDED IN AN RLC CONTROL HEADER
END

FIG. 4

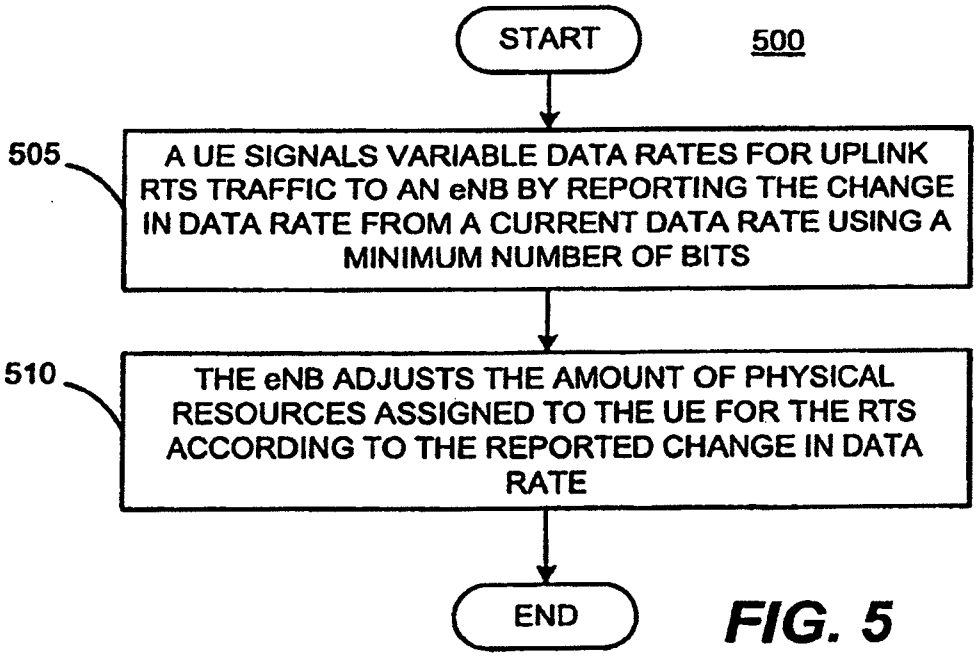

START
500
505
A UE SIGNALS VARIABLE DATA RATES FOR UPLINK RTS TRAFFIC TO AN eNB BY REPORTING THE CHANGE IN DATA RATE FROM A CURRENT DATA RATE USING A MINIMUM NUMBER OF BITS
510
THE eNB ADJUSTS THE AMOUNT OF PHYSICAL RESOURCES ASSIGNED TO THE UE FOR THE RTS ACCORDING TO THE REPORTED CHANGE IN DATA RATE
END

FIG. 5

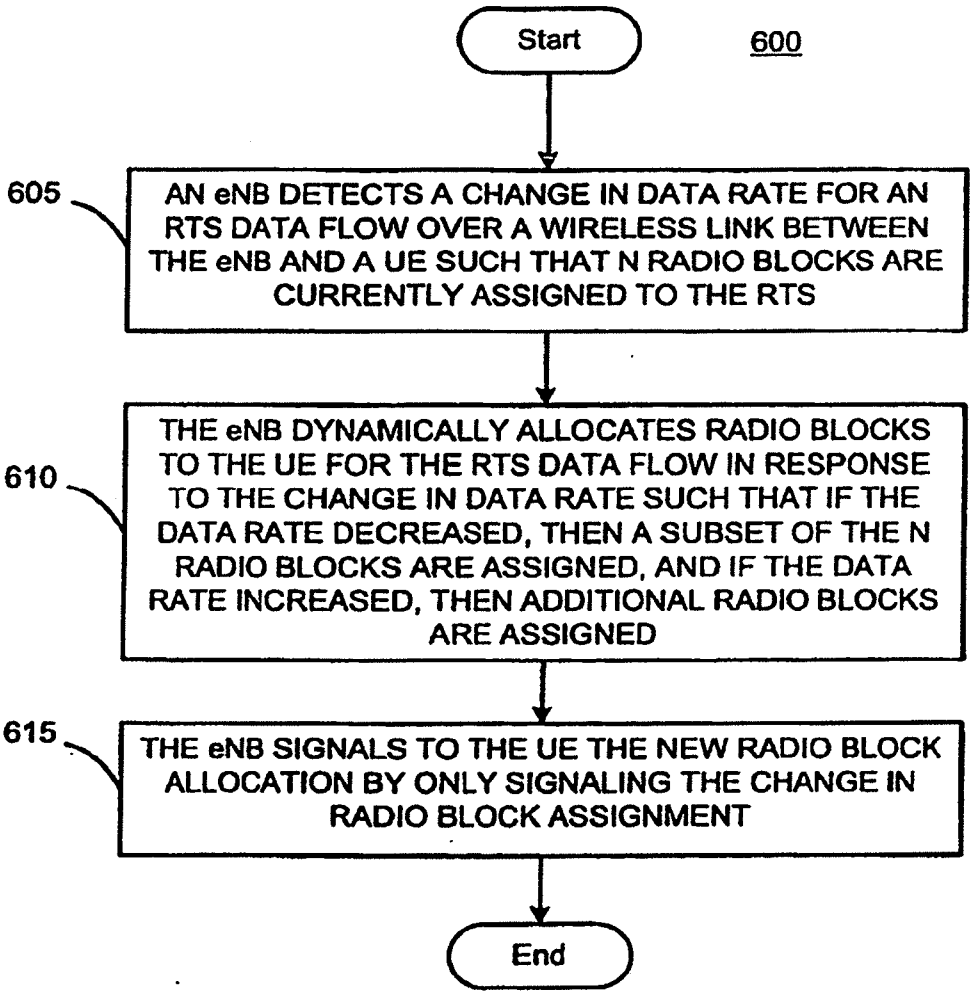

Start
600
605
AN eNB DETECTS A CHANGE IN DATA RATE FOR AN RTS DATA FLOW OVER A WIRELESS LINK BETWEEN THE eNB AND A UE SUCH THAT N RADIO BLOCKS ARE CURRENTLY ASSIGNED TO THE RTS
610
THE eNB DYNAMICALLY ALLOCATES RADIO BLOCKS TO THE UE FOR THE RTS DATA FLOW IN RESPONSE TO THE CHANGE IN DATA RATE SUCH THAT IF THE DATA RATE DECREASED, THEN A SUBSET OF THE N RADIO BLOCKS ARE ASSIGNED, AND IF THE DATA RATE INCREASED, THEN ADDITIONAL RADIO BLOCKS ARE ASSIGNED
615
THE eNB SIGNALS TO THE UE THE NEW RADIO BLOCK ALLOCATION BY ONLY SIGNALING THE CHANGE IN RADIO BLOCK ASSIGNMENT
End

FIG. 6

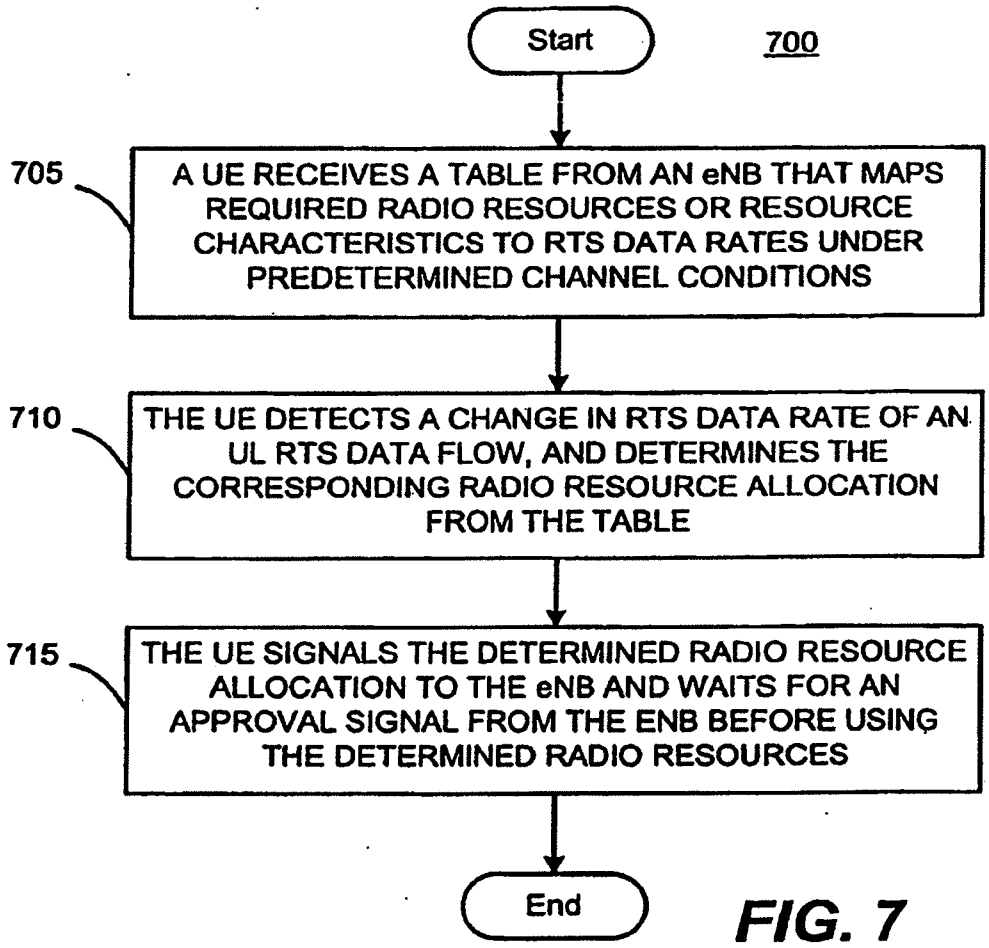

Start
700
705
A UE RECEIVES A TABLE FROM AN eNB THAT MAPS REQUIRED RADIO RESOURCES OR RESOURCE CHARACTERISTICS TO RTS DATA RATES UNDER PREDETERMINED CHANNEL CONDITIONS
710
THE UE DETECTS A CHANGE IN RTS DATA RATE OF AN UL RTS DATA FLOW, AND DETERMINES THE CORRESPONDING RADIO RESOURCE ALLOCATION FROM THE TABLE
715
THE UE SIGNALS THE DETERMINED RADIO RESOURCE ALLOCATION TO THE eNB AND WAITS FOR AN APPROVAL SIGNAL FROM THE ENB BEFORE USING THE DETERMINED RADIO RESOURCES
End

FIG. 7