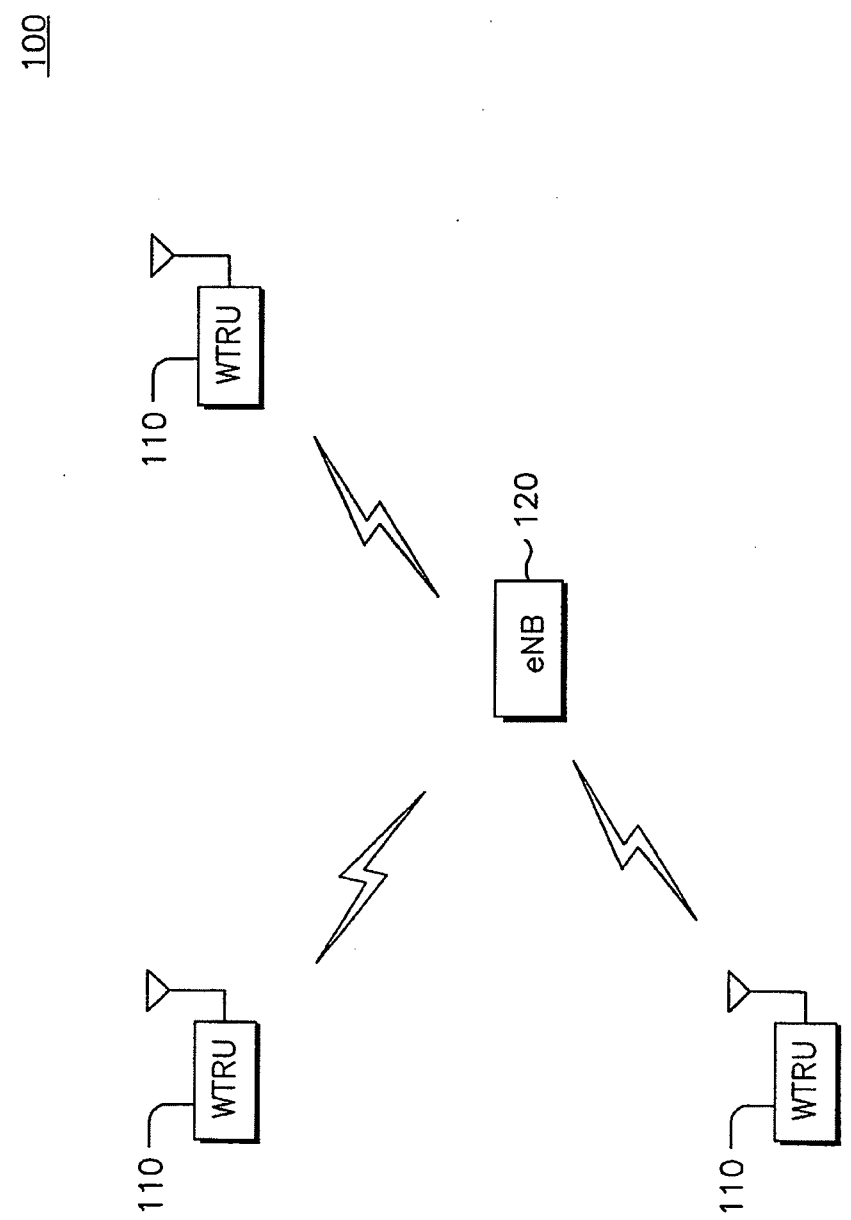


FIG.1

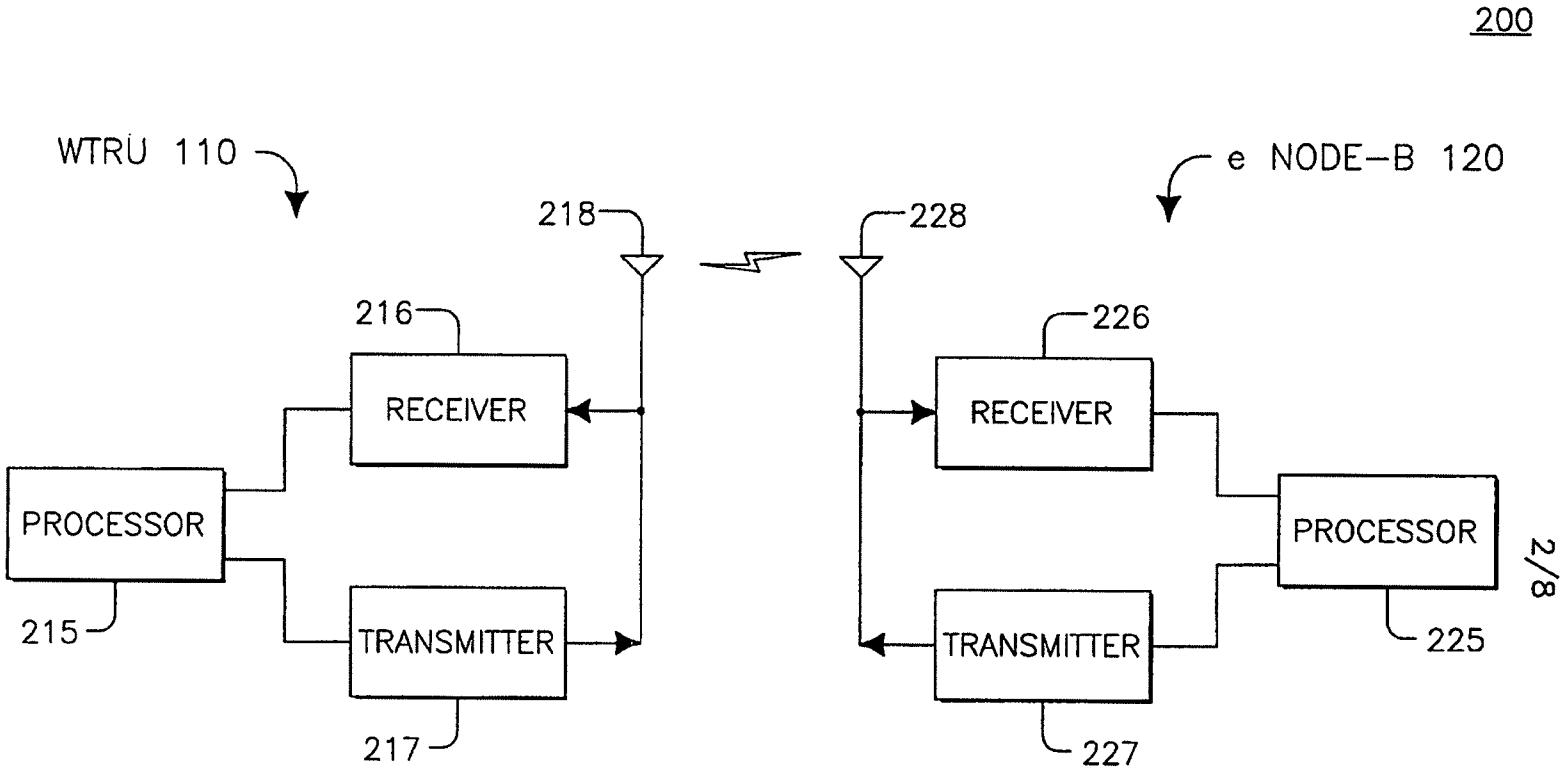

200
WTRU 110
e NODE-B 120
218
228
216
226
RECEIVER
RECEIVER
PROCESSOR
PROCESSOR
215
TRANSMITTER
TRANSMITTER
225
217
227

FIG.2

300

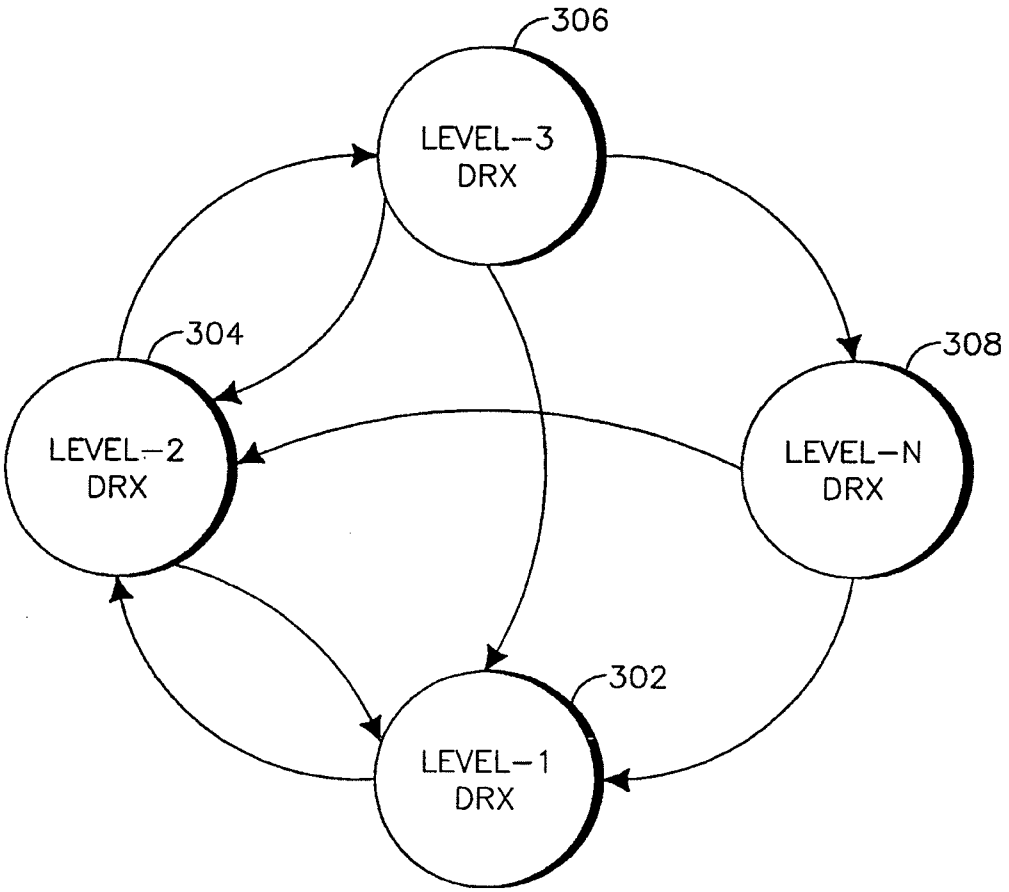


FIG.3

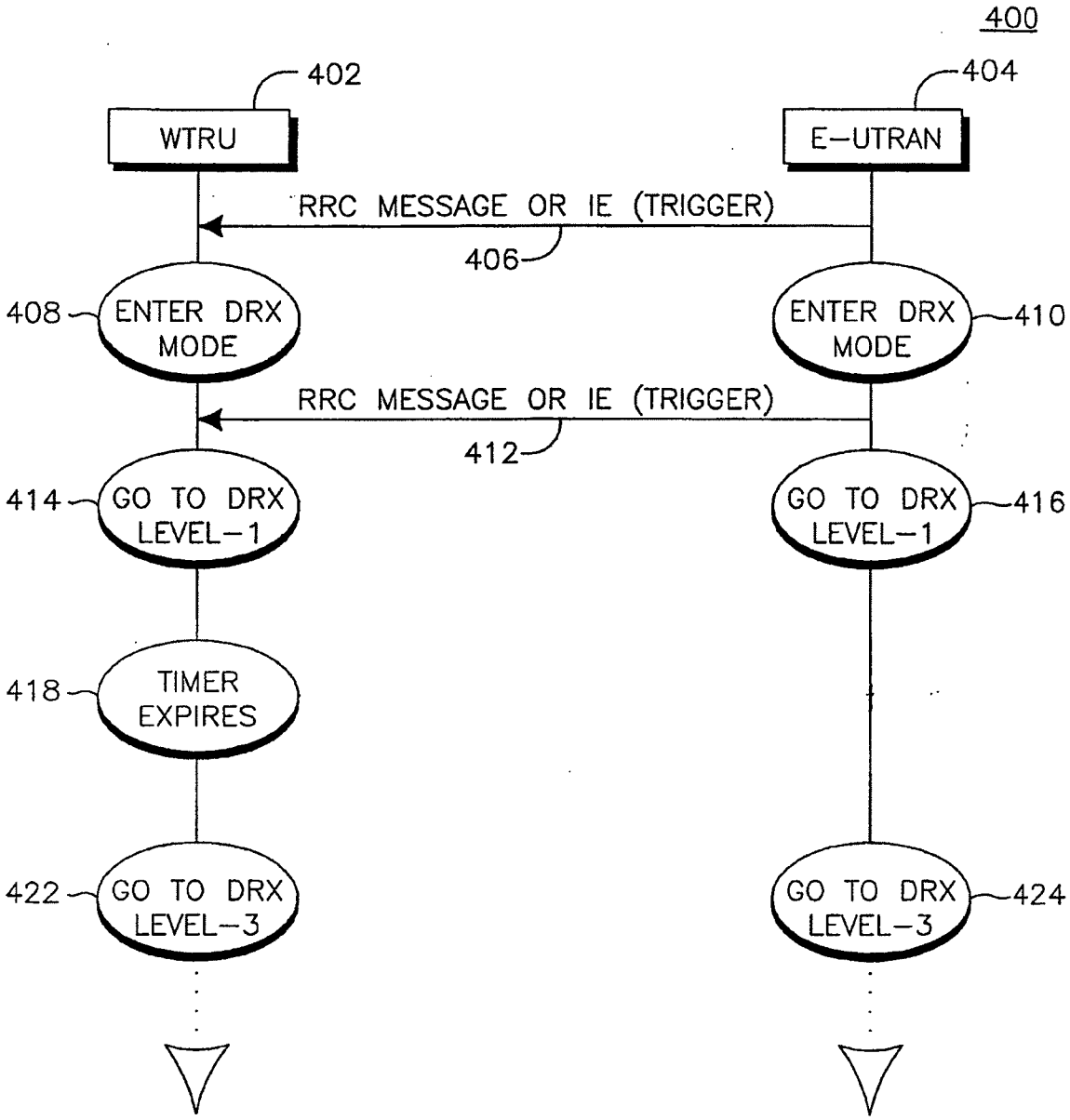

400
402
WTRU
404
E-UTRAN
RRC MESSAGE OR IE (TRIGGER)
406
408
ENTER DRX MODE
ENTER DRX MODE
410
RRC MESSAGE OR IE (TRIGGER)
412
414
GO TO DRX LEVEL-1
GO TO DRX LEVEL-1
416
418
TIMER EXPIRES
422
GO TO DRX LEVEL-3
GO TO DRX LEVEL-3
424

FIG.4

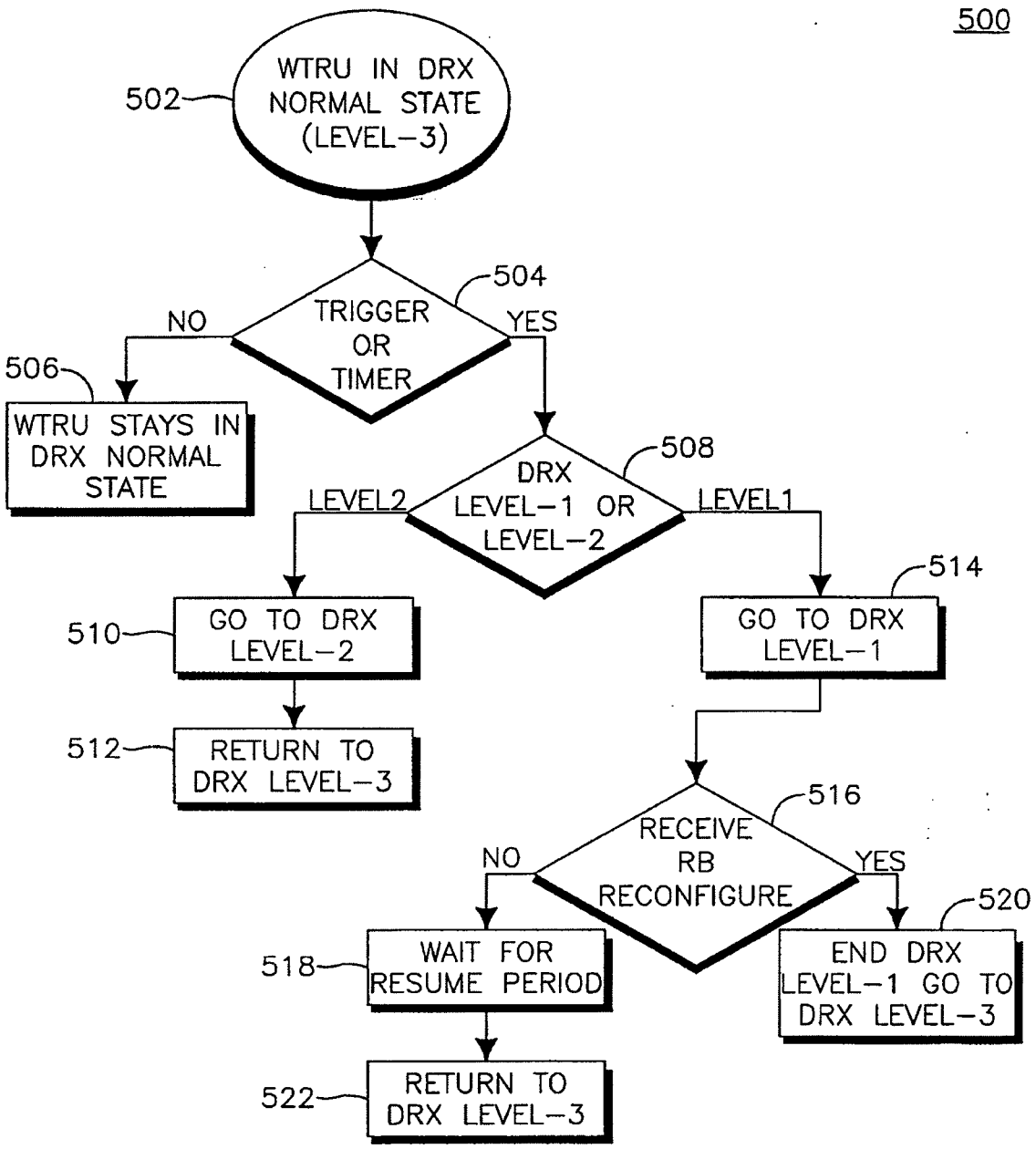

500
WTRU IN DRX NORMAL STATE (LEVEL-3)
502
TRIGGER OR TIMER
504
NO
YES
506
WTRU STAYS IN DRX NORMAL STATE
DRX LEVEL-1 OR LEVEL-2
508
LEVEL2
LEVEL1
GO TO DRX LEVEL-2
510
GO TO DRX LEVEL-1
514
RETURN TO DRX LEVEL-3
512
RECEIVE RB RECONFIGURE
516
NO
YES
WAIT FOR RESUME PERIOD
518
END DRX LEVEL-1 GO TO DRX LEVEL-3
520
RETURN TO DRX LEVEL-3
522

FIG.5

600

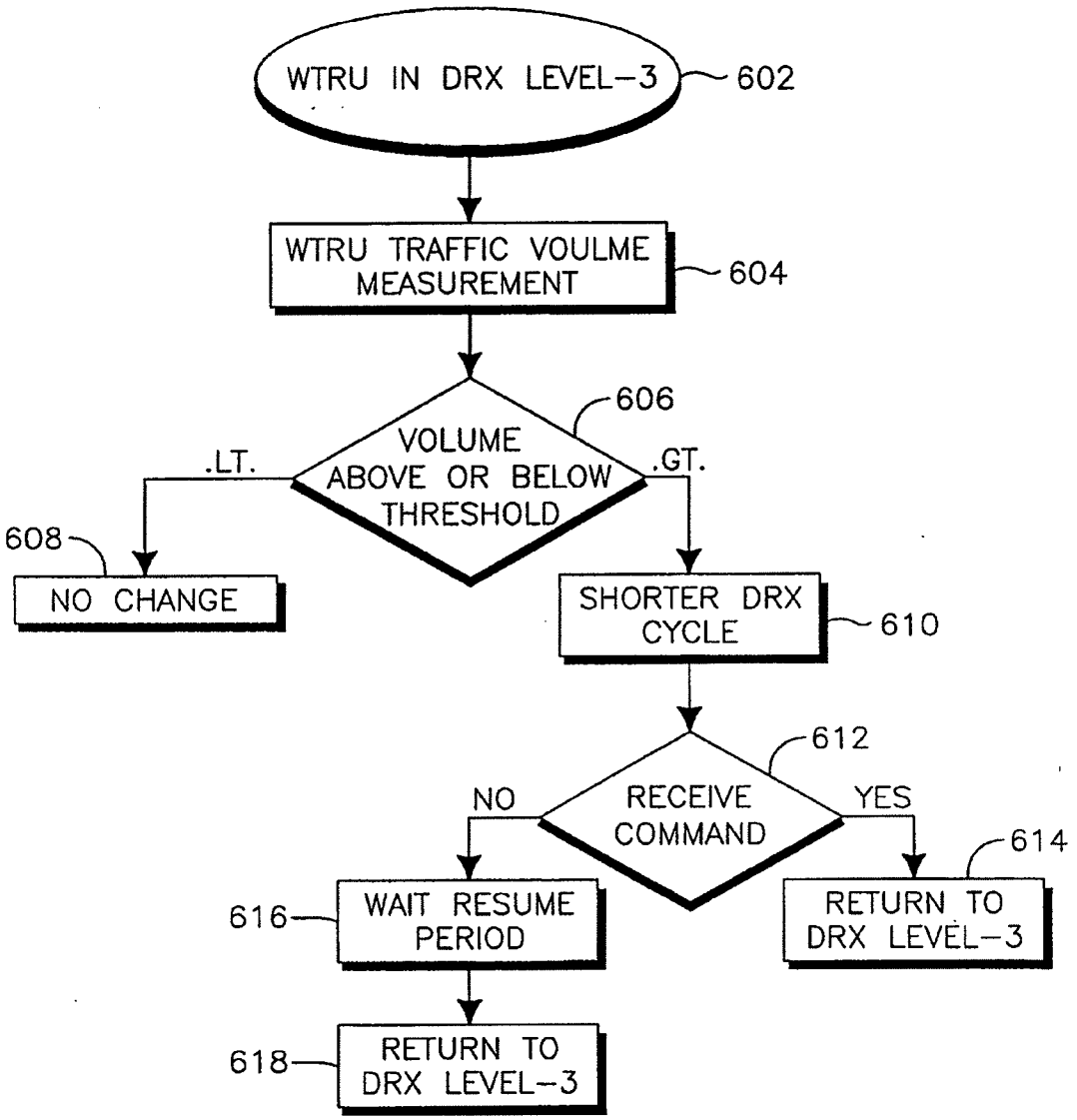

WTRU IN DRX LEVEL-3
602
WTRU TRAFFIC VOULME MEASUREMENT
604
606
VOLUME ABOVE OR BELOW THRESHOLD
.LT.
.GT.
608
NO CHANGE
SHORTER DRX CYCLE
610
612
NO
RECEIVE COMMAND
YES
614
616
WAIT RESUME PERIOD
RETURN TO DRX LEVEL-3
618
RETURN TO DRX LEVEL-3

FIG.6

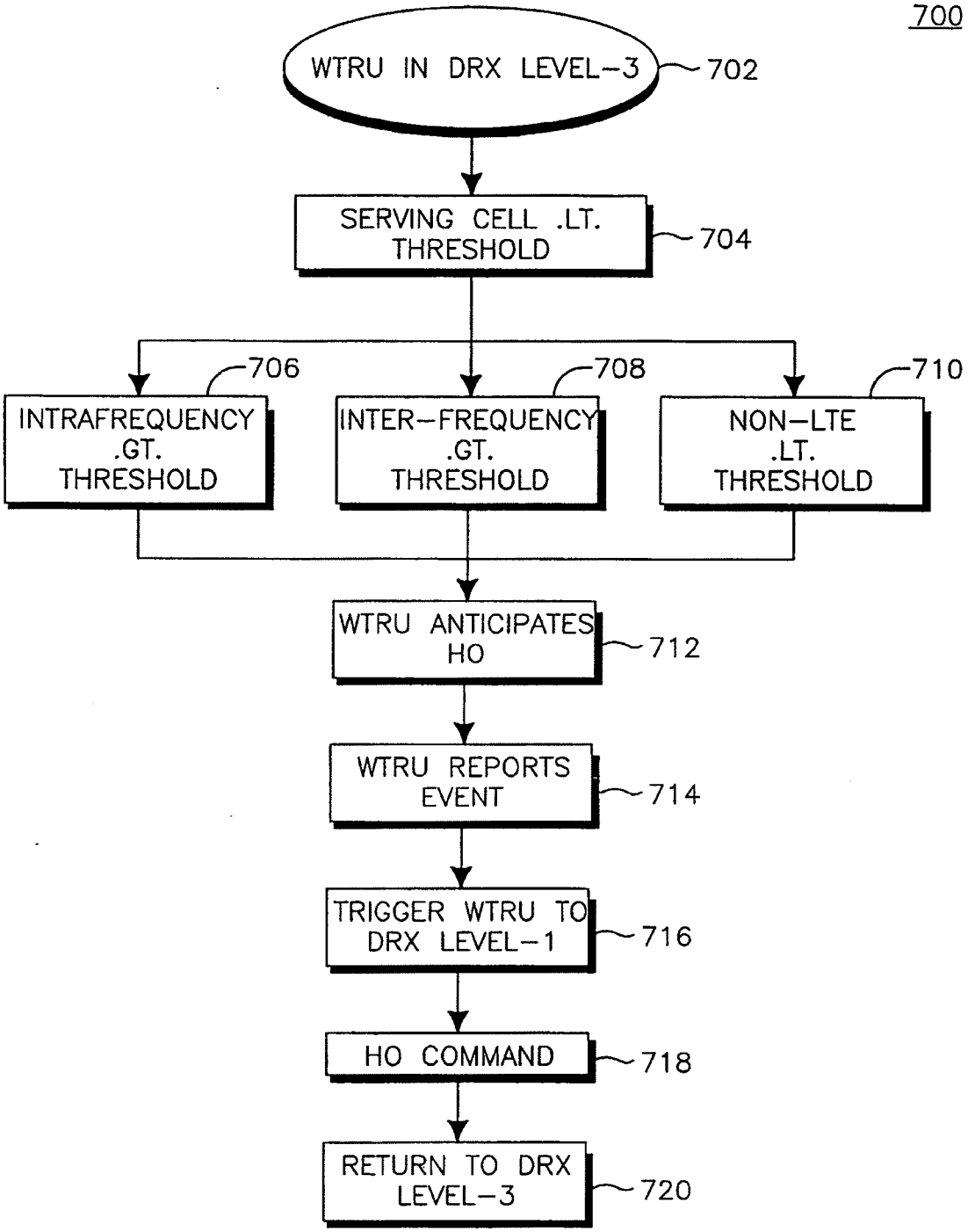

700
WTRU IN DRX LEVEL-3
702
SERVING CELL .LT. THRESHOLD
704
706
INTRAFREQUENCY .GT. THRESHOLD
708
INTER-FREQUENCY .GT. THRESHOLD
710
NON-LTE .LT. THRESHOLD
WTRU ANTICIPATES HO
712
WTRU REPORTS EVENT
714
TRIGGER WTRU TO DRX LEVEL-1
716
HO COMMAND
718
RETURN TO DRX LEVEL-3
720

FIG.7

800

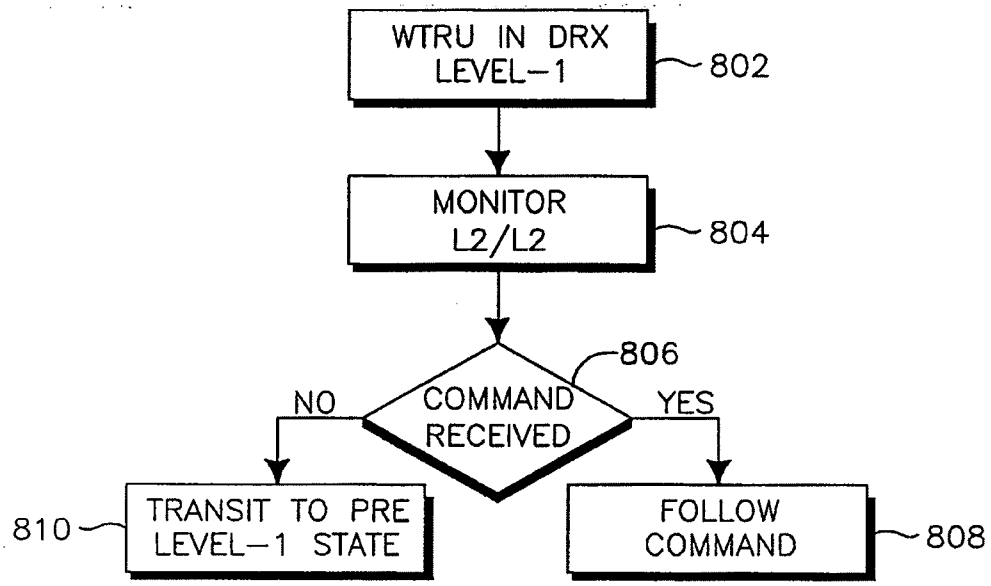

WTRU IN DRX LEVEL–1
802
MONITOR L2/L2
804
806
COMMAND RECEIVED
NO
YES
TRANSIT TO PRE LEVEL–1 STATE
810
FOLLOW COMMAND
808

FIG.8