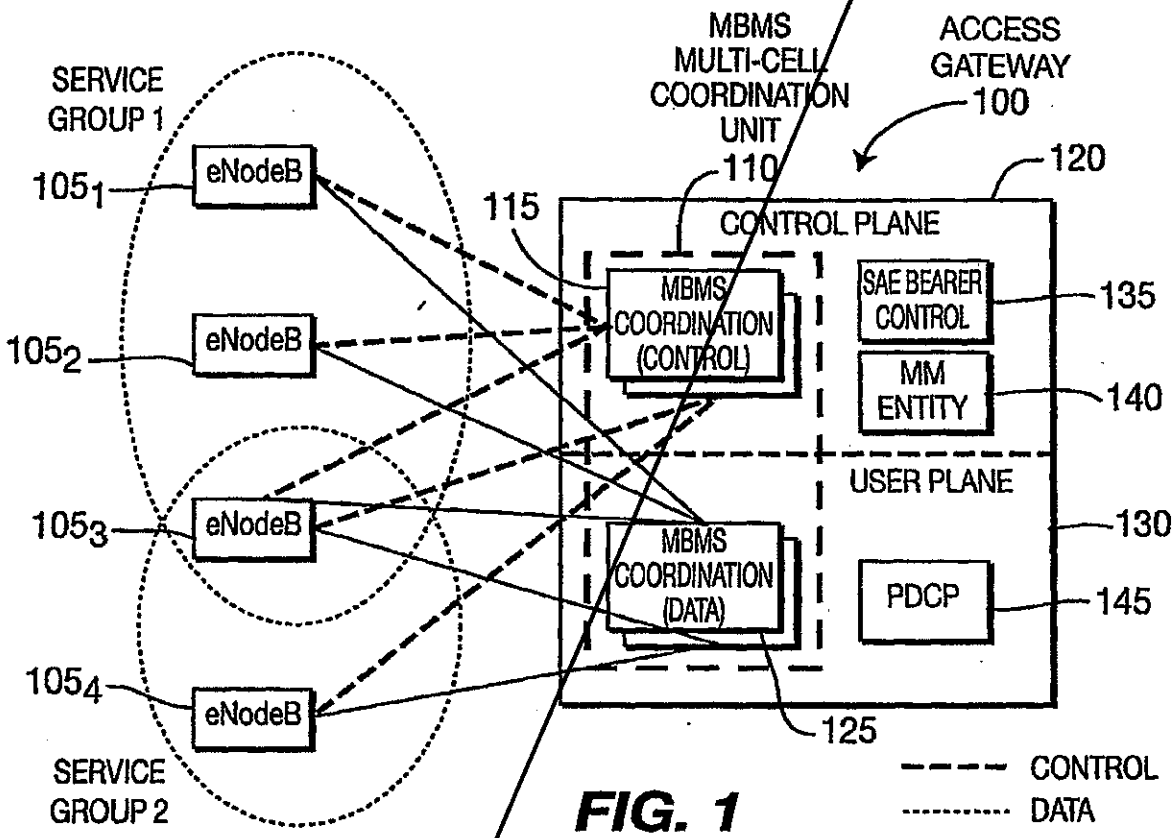

SERVICE GROUP 1
105 1
eNodeB
105 2
eNodeB
105 3
eNodeB
105 4
eNodeB
SERVICE GROUP 2
MBMS MULTI-CELL COORDINATION UNIT
110
ACCESS GATEWAY
100
120
115
CONTROL PLANE
MBMS COORDINATION (CONTROL)
SAE BEARER CONTROL
135
MM ENTITY
140
USER PLANE
130
MBMS COORDINATION (DATA)
PDCP
145
125
CONTROL
DATA

FIG. 1

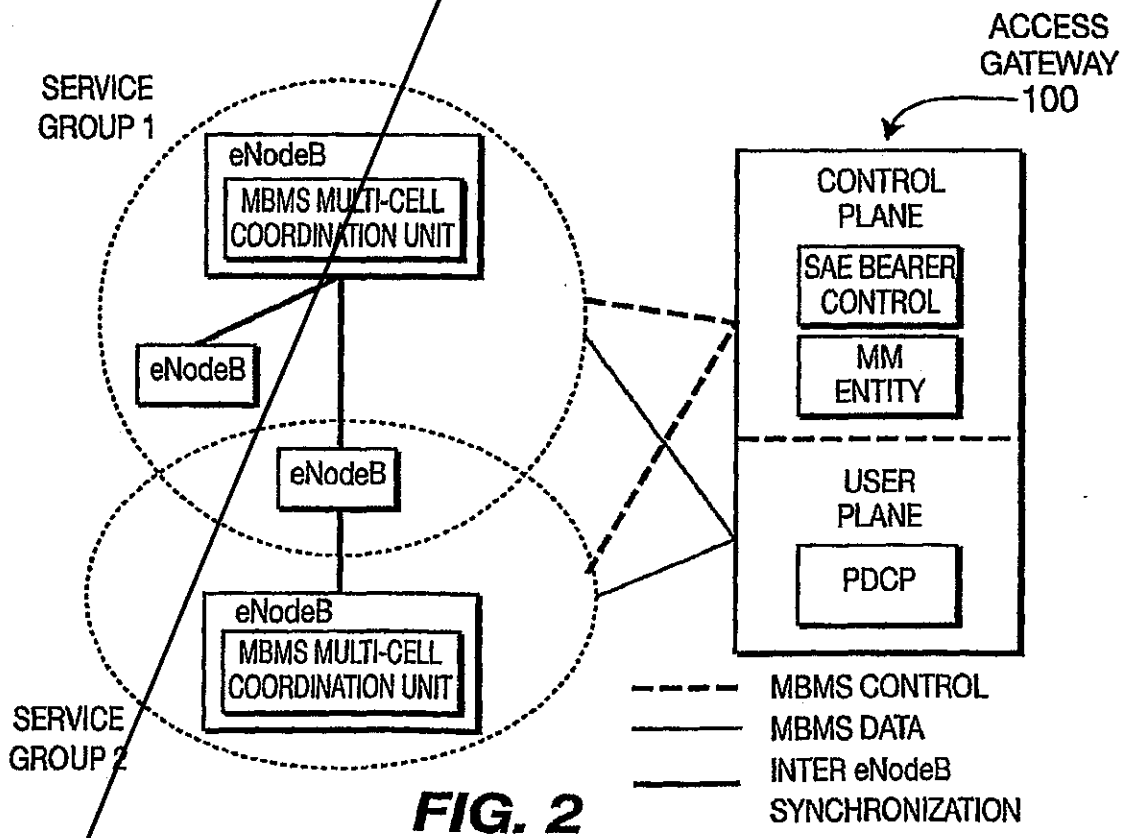

SERVICE GROUP 1
eNodeB
MBMS MULTI-CELL COORDINATION UNIT
eNodeB
eNodeB
eNodeB
MBMS MULTI-CELL COORDINATION UNIT
SERVICE GROUP 2
ACCESS GATEWAY
100
CONTROL PLANE
SAE BEARER CONTROL
MM ENTITY
USER PLANE
PDCP
MBMS CONTROL
MBMS DATA
INTER eNodeB SYNCHRONIZATION

FIG. 2

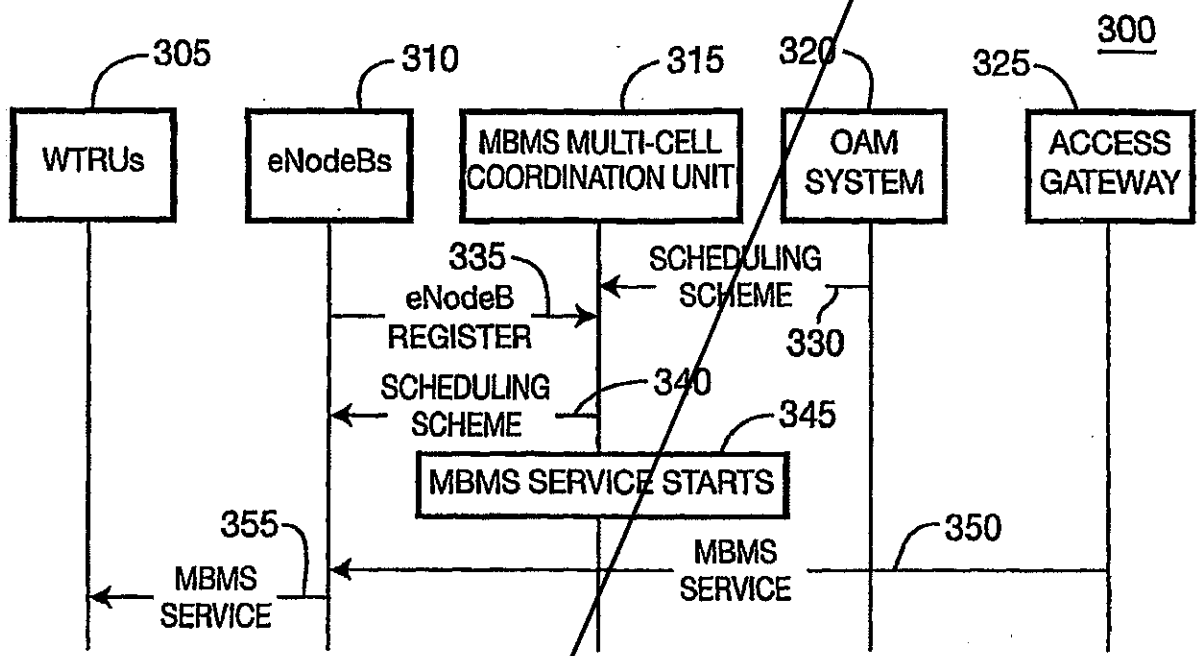

300
305
310
315
320
325
WTRUs
eNodeBs
MBMS MULTI-CELL COORDINATION UNIT
OAM SYSTEM
ACCESS GATEWAY
335
eNodeB REGISTER
SCHEDULING SCHEME
330
SCHEDULING SCHEME
340
345
MBMS SERVICE STARTS
355
MBMS SERVICE
MBMS SERVICE
350

FIG. 3

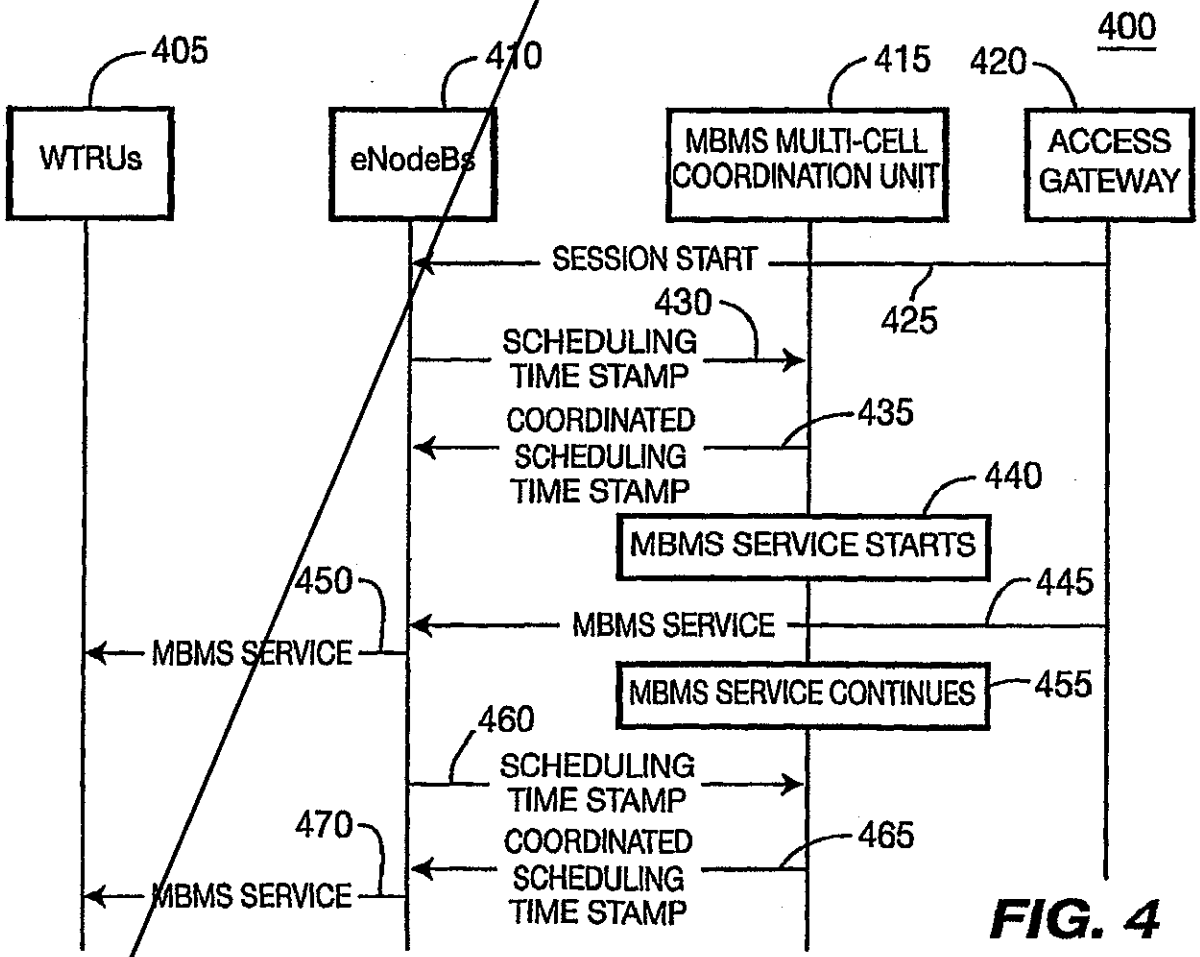

400
405
410
415
420
WTRUs
eNodeBs
MBMS MULTI-CELL COORDINATION UNIT
ACCESS GATEWAY
SESSION START
425
430
SCHEDULING TIME STAMP
COORDINATED SCHEDULING TIME STAMP
435
440
MBMS SERVICE STARTS
450
445
MBMS SERVICE
MBMS SERVICE
MBMS SERVICE CONTINUES
455
460
SCHEDULING TIME STAMP
470
COORDINATED SCHEDULING TIME STAMP
465
MBMS SERVICE

FIG. 4

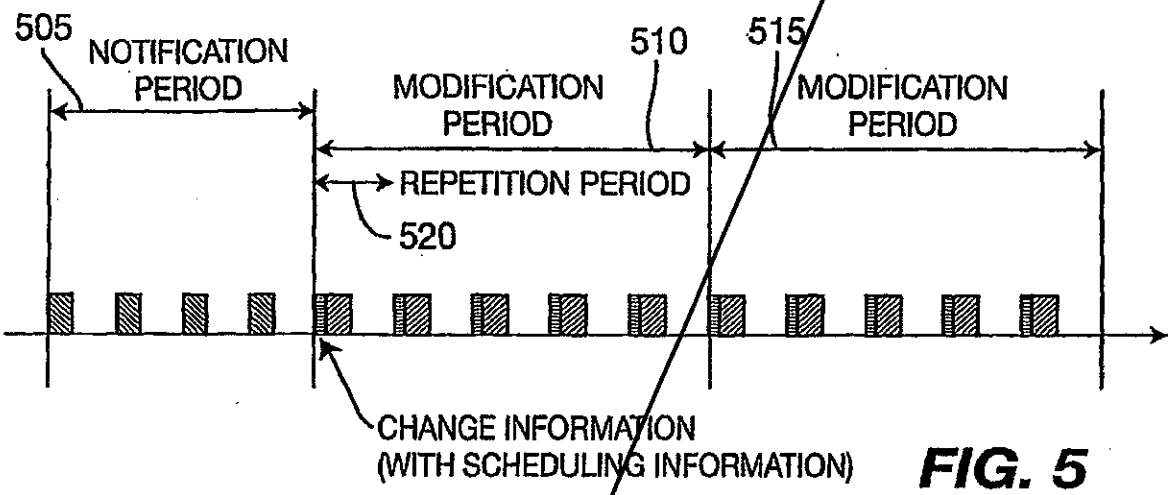


FIG. 5

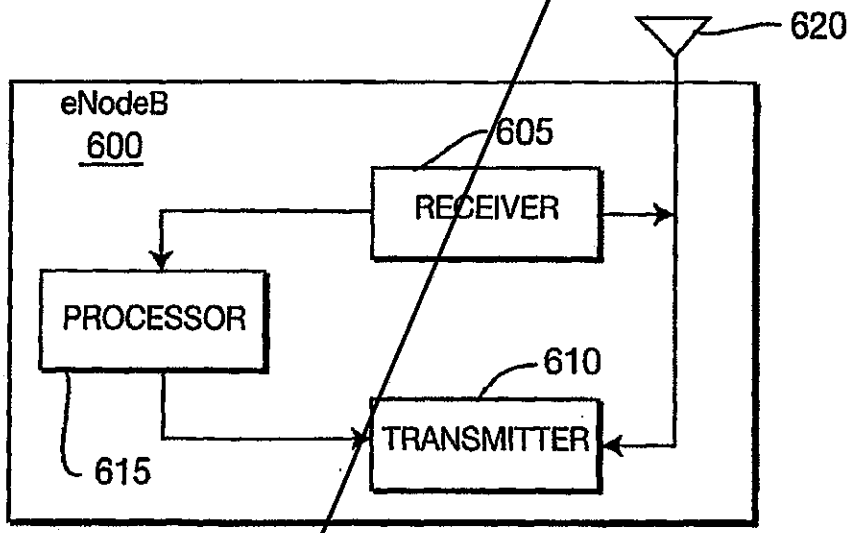


FIG. 6

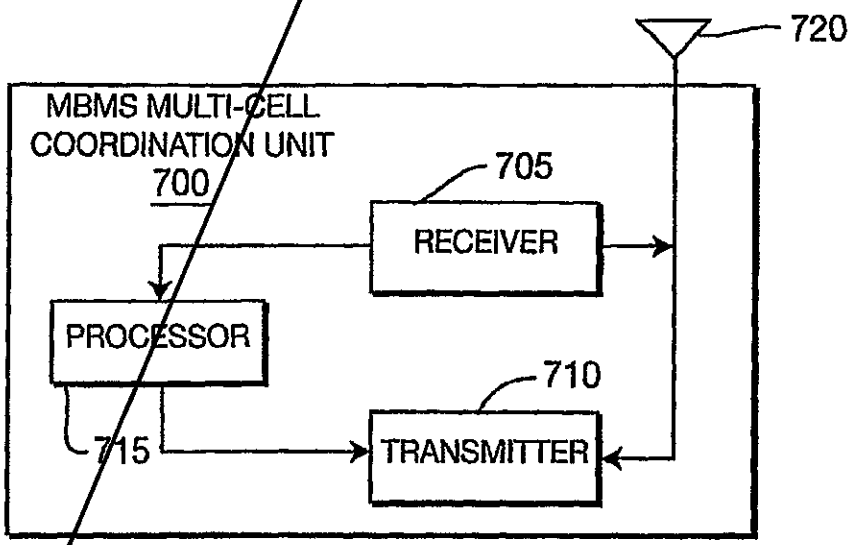


FIG. 7

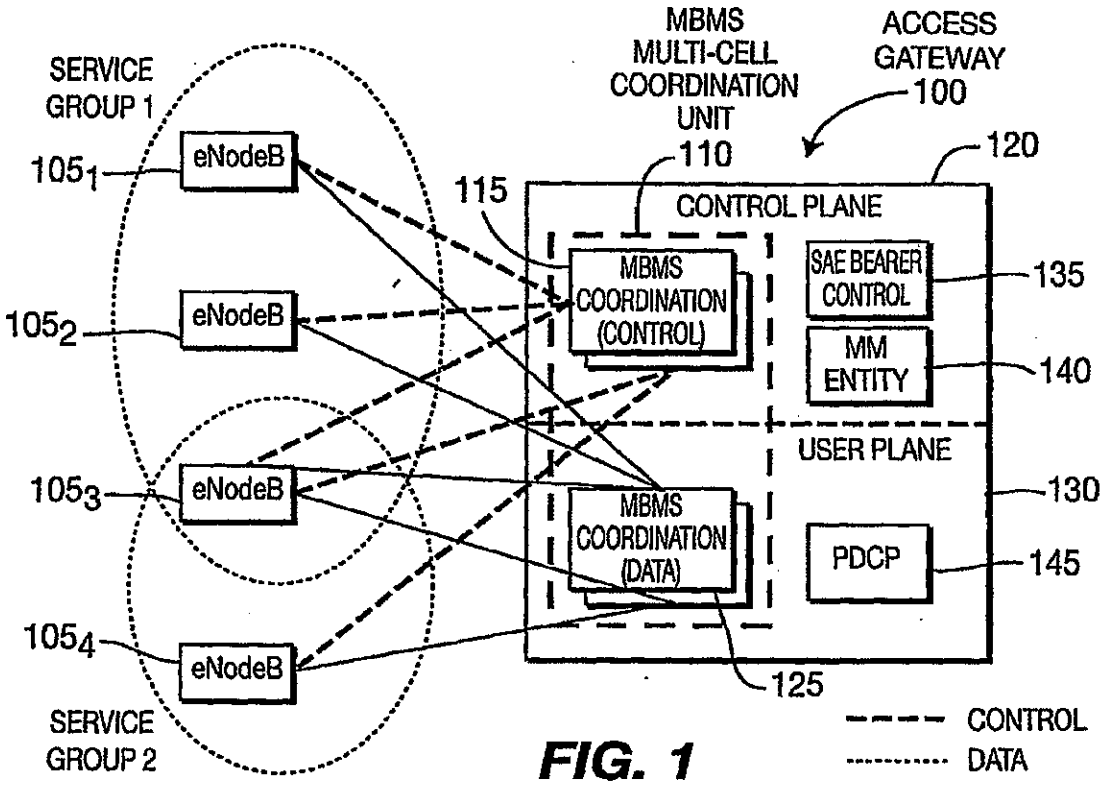

SERVICE GROUP 1
105_1
eNodeB
105_2
eNodeB
105_3
eNodeB
105_4
eNodeB
SERVICE GROUP 2
MBMS MULTI-CELL COORDINATION UNIT
110
ACCESS GATEWAY
100
120
115
CONTROL PLANE
MBMS COORDINATION (CONTROL)
SAE BEARER CONTROL
135
MM ENTITY
140
USER PLANE
130
MBMS COORDINATION (DATA)
PDCP
145
125
CONTROL
DATA

FIG. 1

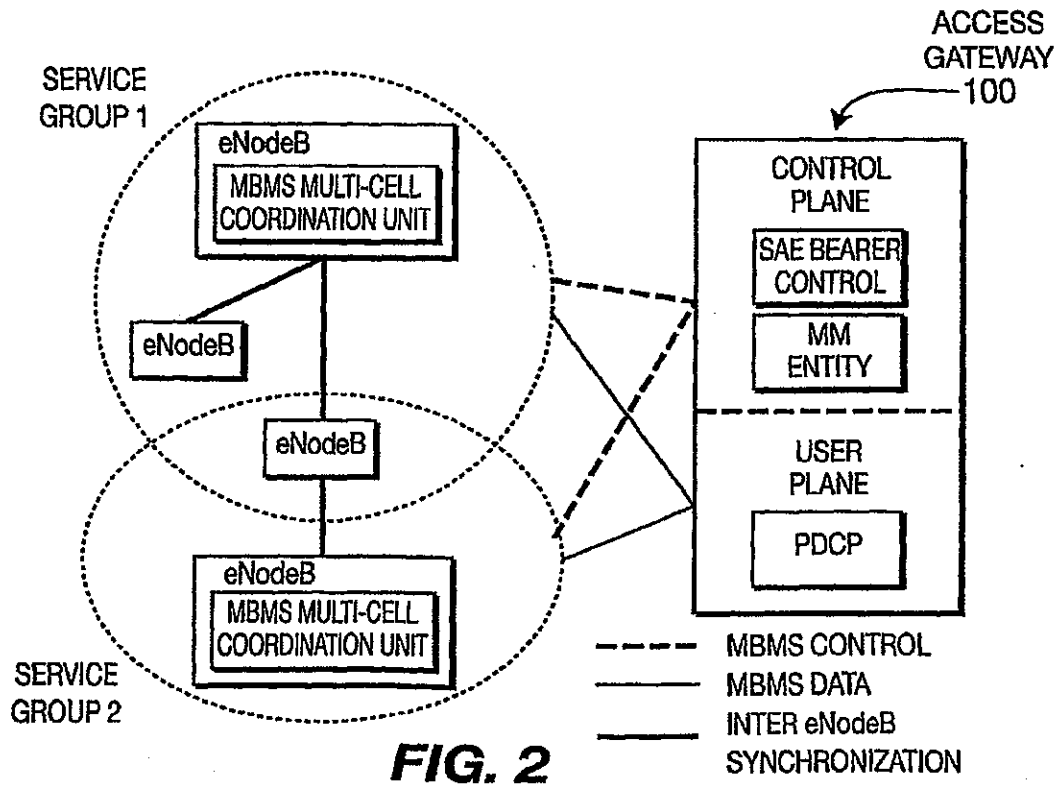

ACCESS GATEWAY
100
SERVICE GROUP 1
eNodeB
MBMS MULTI-CELL COORDINATION UNIT
eNodeB
eNodeB
eNodeB
MBMS MULTI-CELL COORDINATION UNIT
SERVICE GROUP 2
CONTROL PLANE
SAE BEARER CONTROL
MM ENTITY
USER PLANE
PDCP
MBMS CONTROL
MBMS DATA
INTER eNodeB SYNCHRONIZATION

FIG. 2

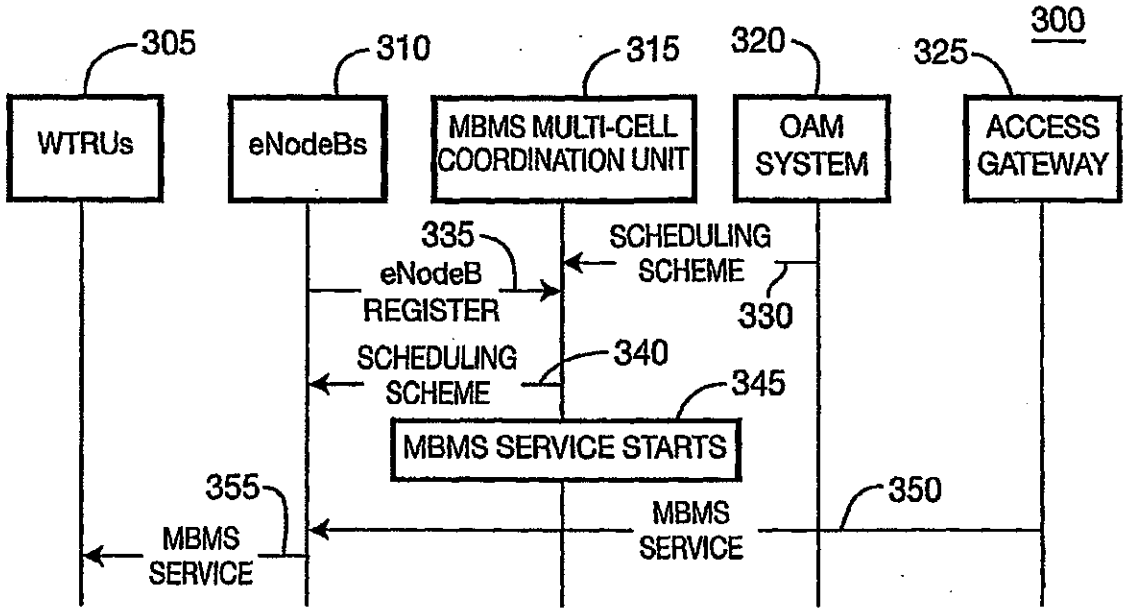

300
305
310
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WTRUs
eNodeBs
MBMS MULTI-CELL COORDINATION UNIT
OAM SYSTEM
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eNodeB REGISTER
SCHEDULING SCHEME
330
SCHEDULING SCHEME
340
345
MBMS SERVICE STARTS
355
MBMS SERVICE
MBMS SERVICE
350

FIG. 3

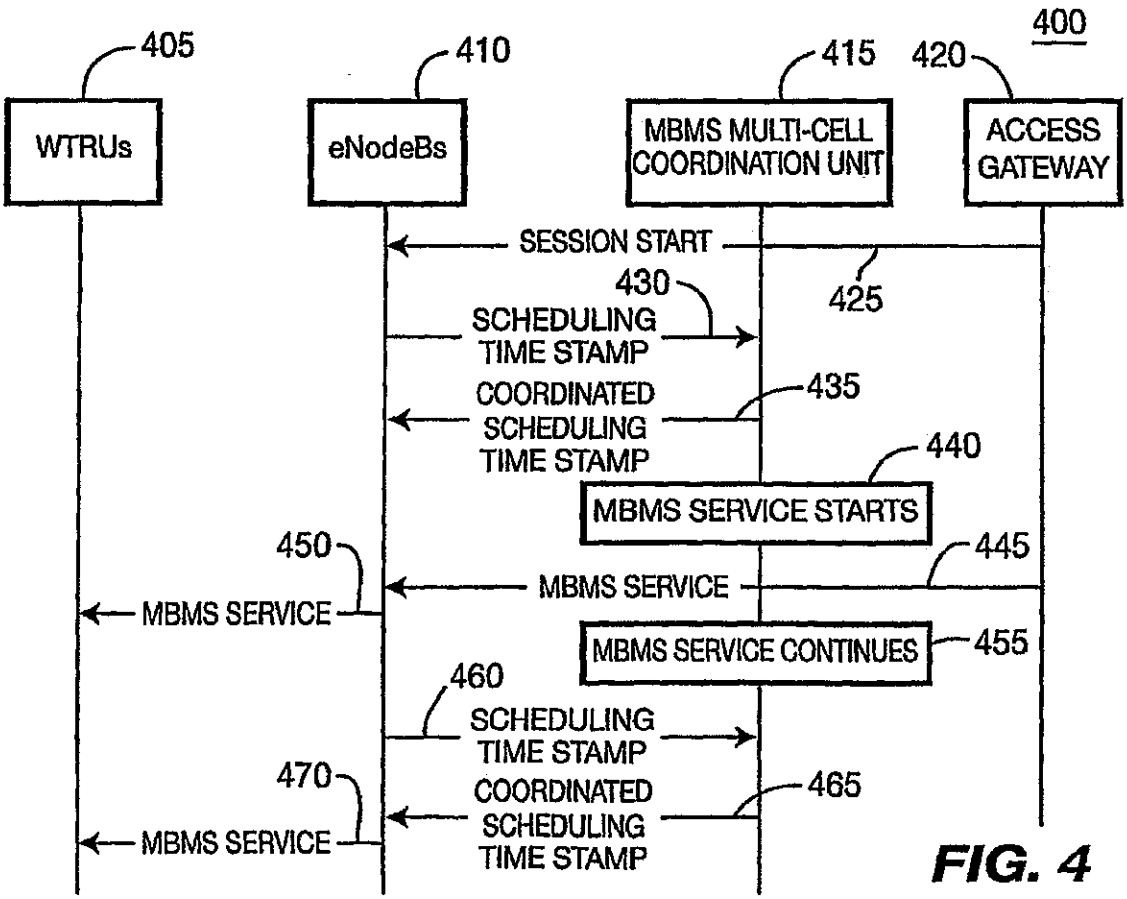

400
405
410
415
420
WTRUs
eNodeBs
MBMS MULTI-CELL COORDINATION UNIT
ACCESS GATEWAY
SESSION START
425
430
SCHEDULING TIME STAMP
COORDINATED SCHEDULING TIME STAMP
435
440
MBMS SERVICE STARTS
450
MBMS SERVICE
MBMS SERVICE
445
MBMS SERVICE CONTINUES
455
460
SCHEDULING TIME STAMP
470
COORDINATED SCHEDULING TIME STAMP
MBMS SERVICE
465

FIG. 4

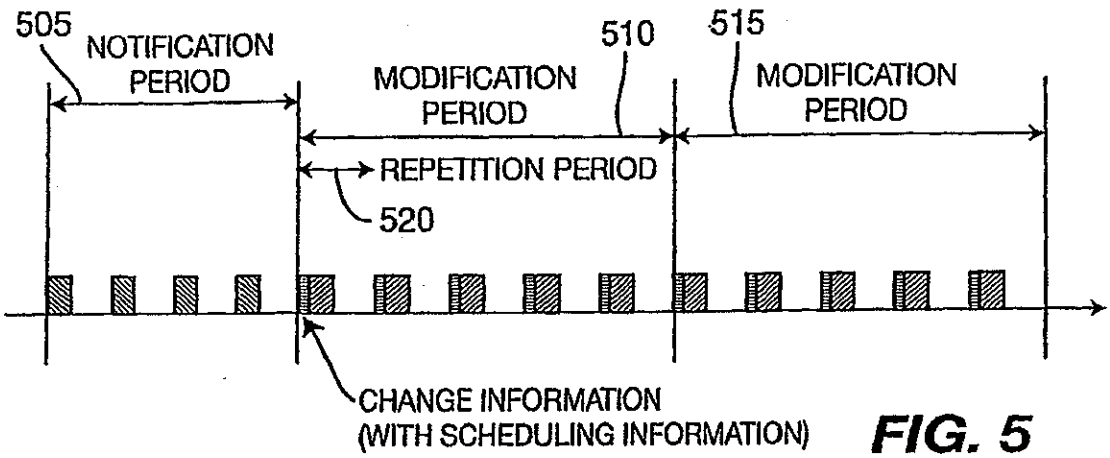


FIG. 5

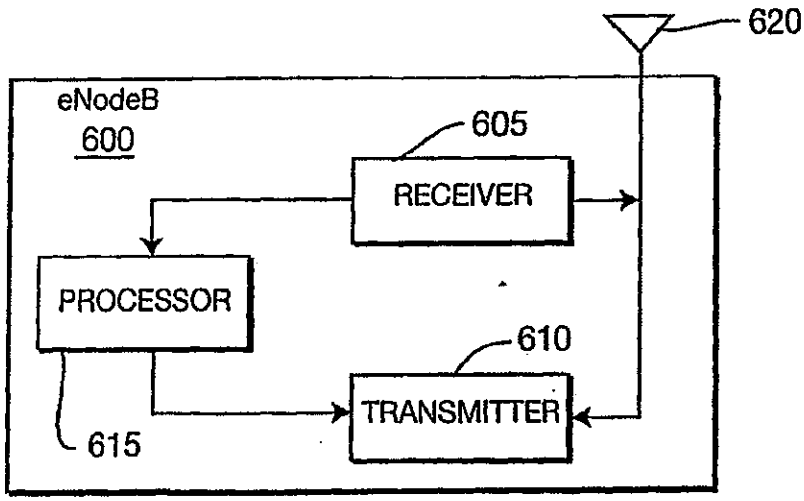


FIG. 6

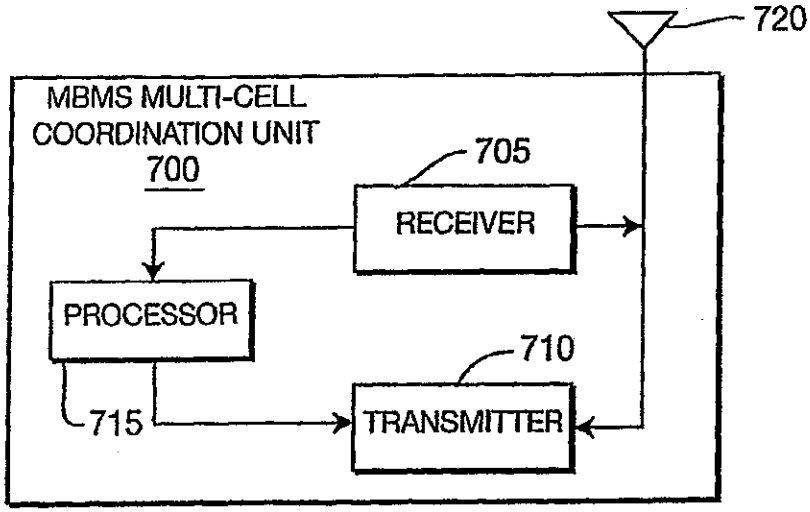


FIG. 7