FIG.1

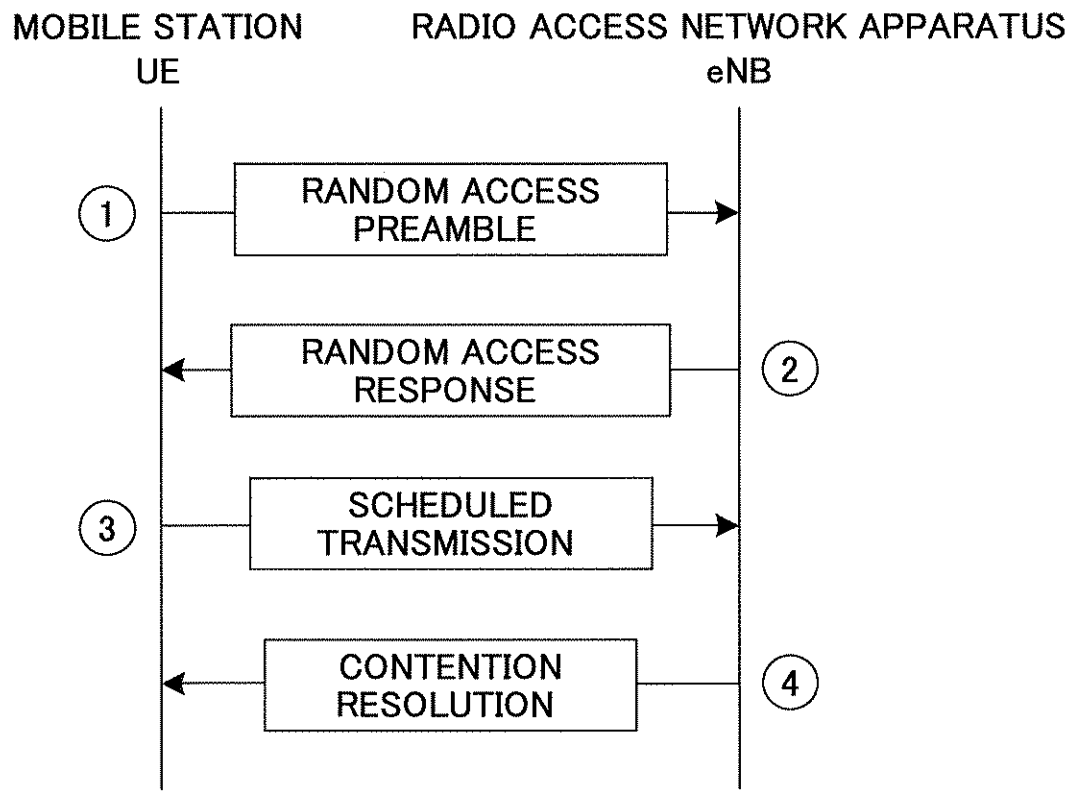

MOBILE STATION
UE
RADIO ACCESS NETWORK APPARATUS
eNB
1
RANDOM ACCESS PREAMBLE
RANDOM ACCESS RESPONSE
2
3
SCHEDULED TRANSMISSION
CONTENTION RESOLUTION
4

FIG.2

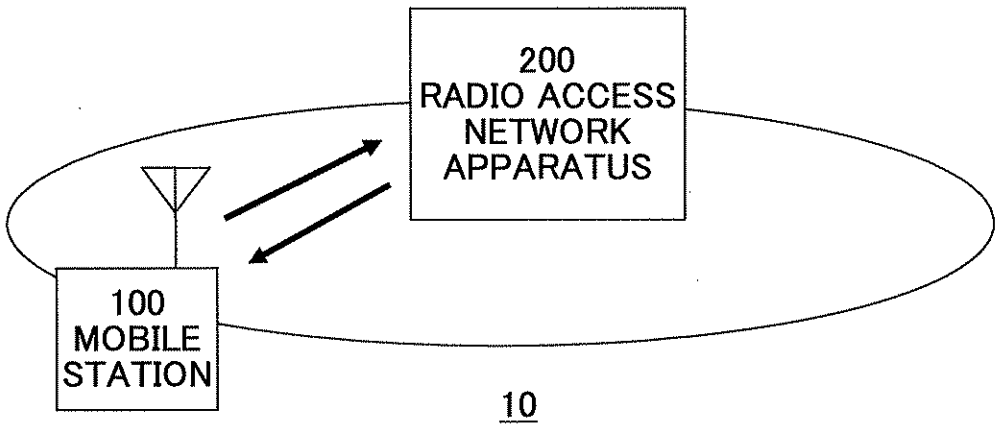

200
RADIO ACCESS NETWORK APPARATUS
100
MOBILE STATION
10

FIG.3

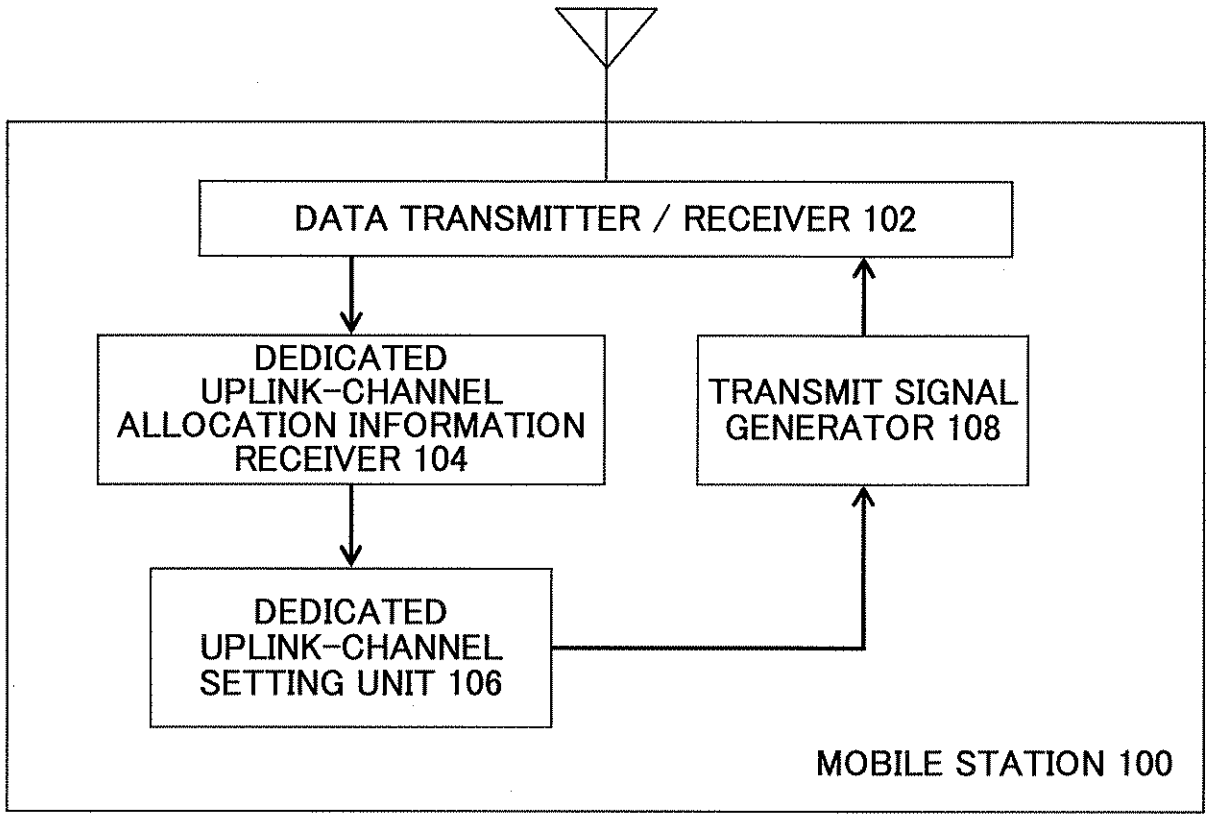
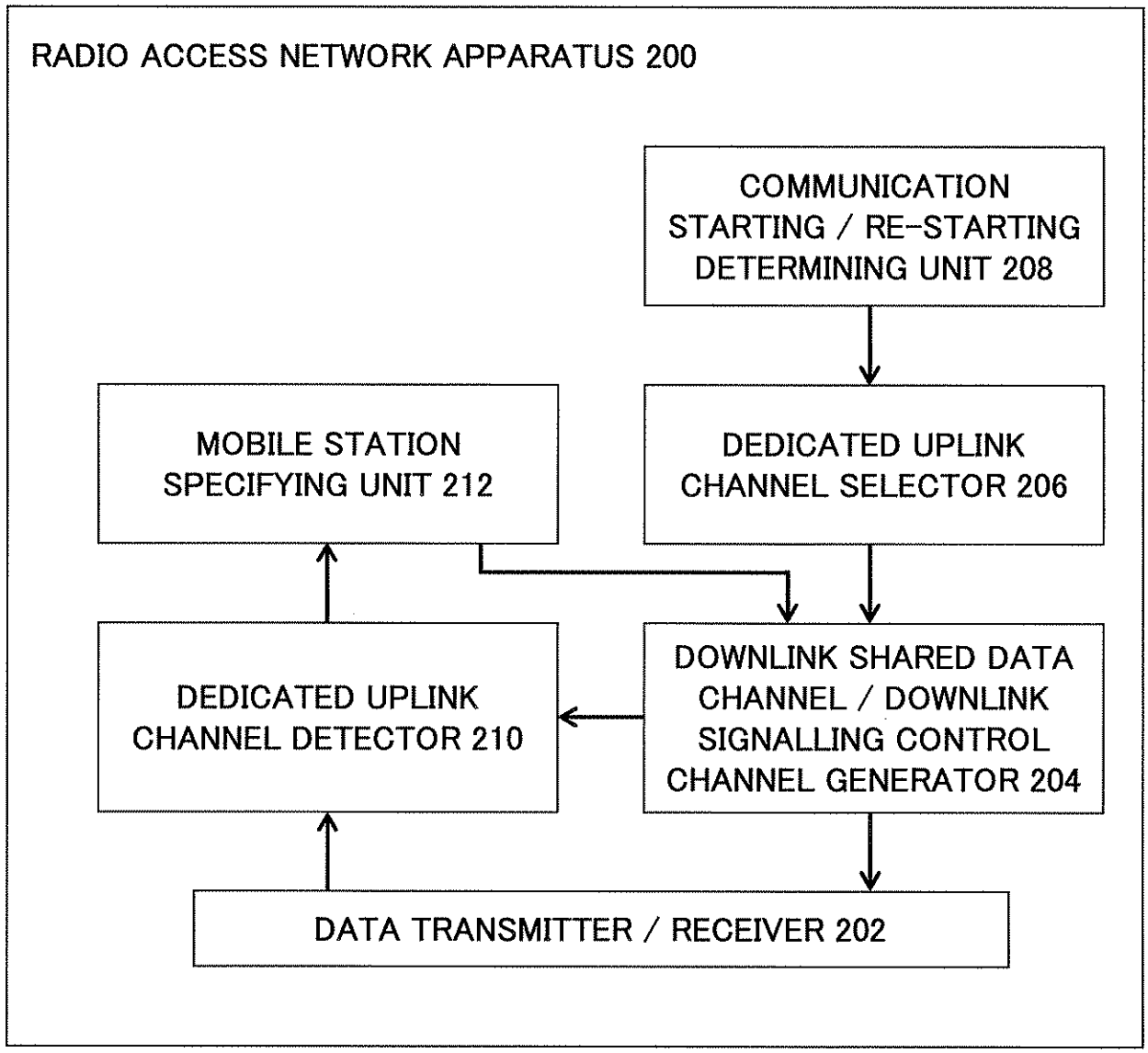

DATA TRANSMITTER / RECEIVER 102
DEDICATED UPLINK-CHANNEL ALLOCATION INFORMATION RECEIVER 104
TRANSMIT SIGNAL GENERATOR 108
DEDICATED UPLINK-CHANNEL SETTING UNIT 106
MOBILE STATION 100

FIG.4


RADIO ACCESS NETWORK APPARATUS 200
COMMUNICATION STARTING / RE-STARTING DETERMINING UNIT 208
MOBILE STATION SPECIFYING UNIT 212
DEDICATED UPLINK CHANNEL SELECTOR 206
DEDICATED UPLINK CHANNEL DETECTOR 210
DOWNLINK SHARED DATA CHANNEL / DOWNLINK SIGNALLING CONTROL CHANNEL GENERATOR 204
DATA TRANSMITTER / RECEIVER 202