FIG.1

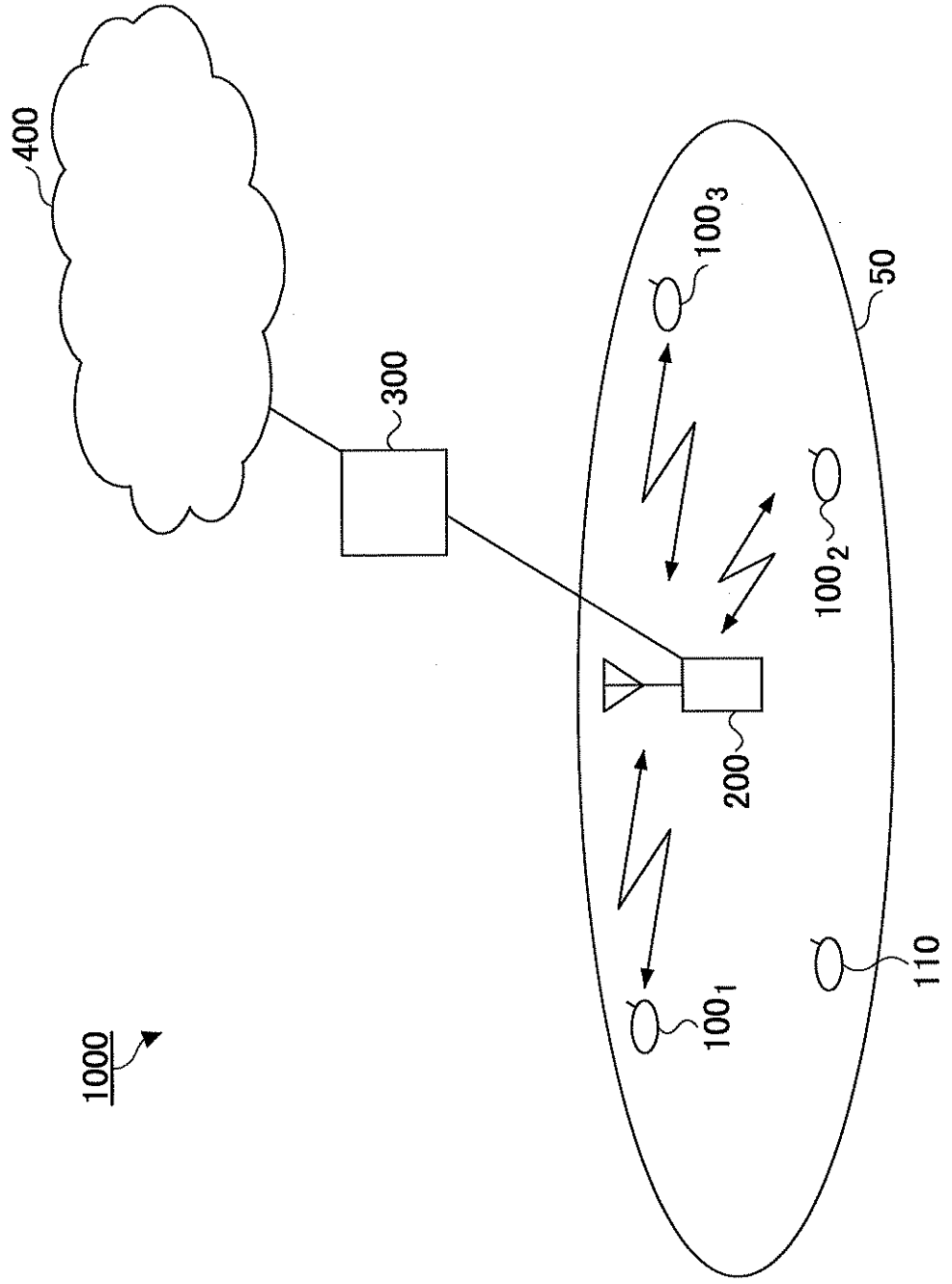


FIG.2

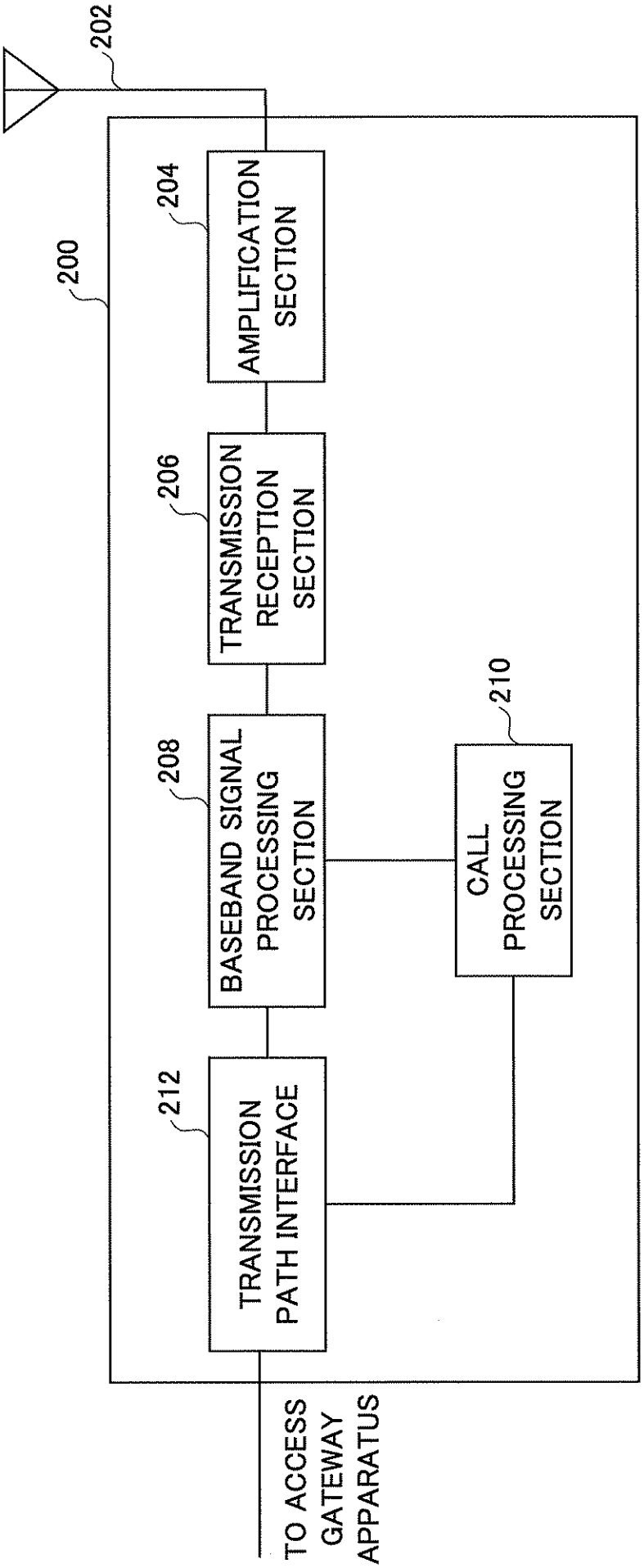

202
200
204
AMPLIFICATION SECTION
206
TRANSMISSION RECEPTION SECTION
208
BASEBAND SIGNAL PROCESSING SECTION
210
CALL PROCESSING SECTION
212
TRANSMISSION PATH INTERFACE
TO ACCESS GATEWAY APPARATUS

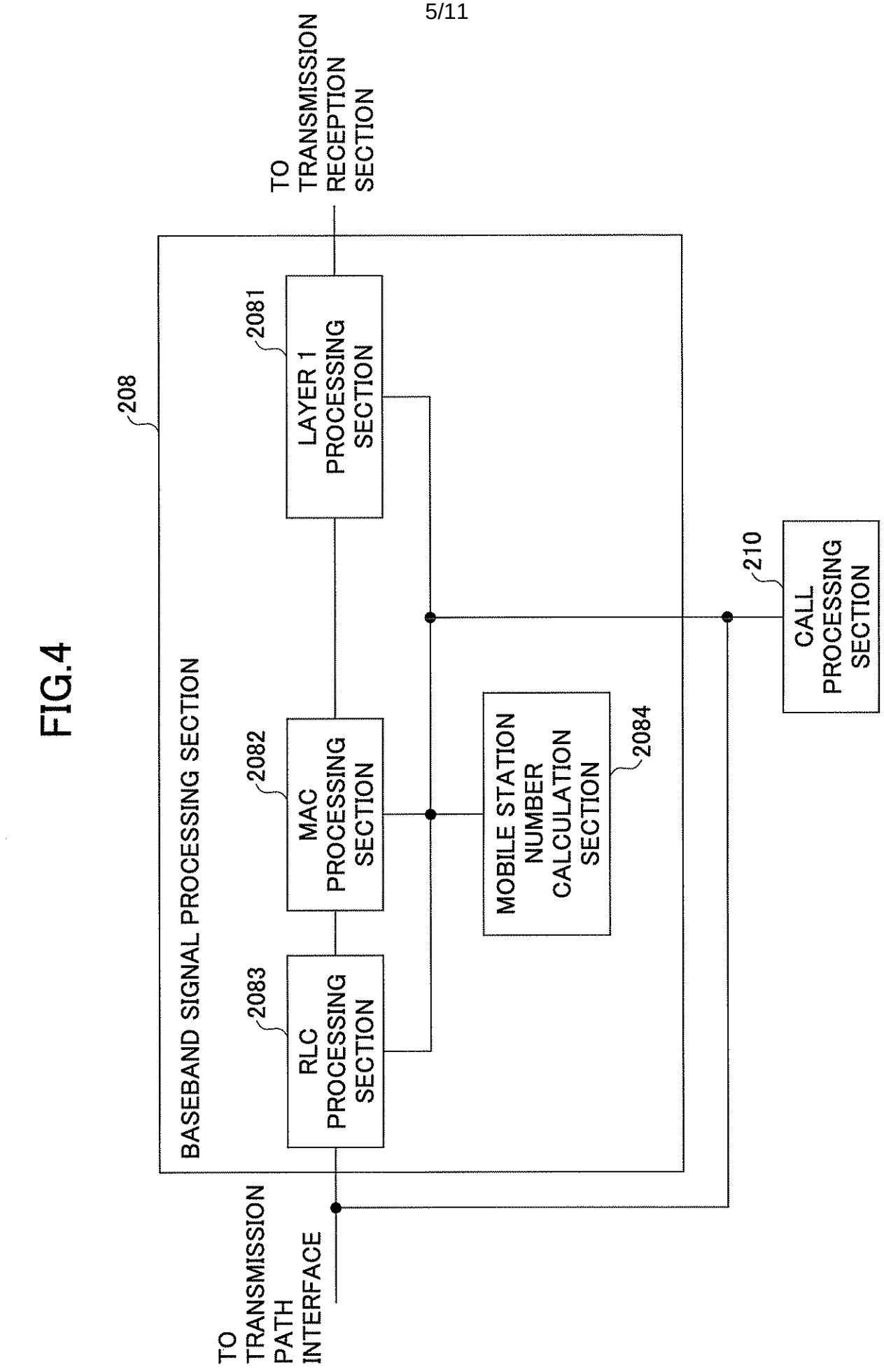
FIG.3A

(FIRST MOBILE STATION NUMBER) > TH1
(SECOND MOBILE STATION NUMBER) > TH2
(THIRD MOBILE STATION NUMBER) > TH3
(FOURTH MOBILE STATION NUMBER) > TH4
(FIFTH MOBILE STATION NUMBER) > TH5
(SIXTH MOBILE STATION NUMBER) > TH6
(PROCESSING LOAD OF OWN BASE STATION APPARATUS) > TH7
(PROCESSING LOAD OF ANOTHER NODE) > TH8

FIG.3B

(FIRST MOBILE STATION NUMBER) > TH1
(SECOND MOBILE STATION NUMBER) > TH2
(THIRD MOBILE STATION NUMBER) > TH3
(FOURTH MOBILE STATION NUMBER) > TH4
(FIFTH MOBILE STATION NUMBER) > TH5
(SIXTH MOBILE STATION NUMBER) > TH6
(PROCESSING LOAD OF OWN BASE STATION APPARATUS) > TH7
(PROCESSING LOAD OF ANOTHER NODE) > TH8
(SEVENTH MOBILE STATION NUMBER) > TH9
(EIGHTH MOBILE STATION NUMBER) > TH10

FIG.4


TO TRANSMISSION RECEPTION SECTION
208
BASEBAND SIGNAL PROCESSING SECTION
2081
LAYER 1 PROCESSING SECTION
2082
MAC PROCESSING SECTION
2083
RLC PROCESSING SECTION
MOBILE STATION NUMBER CALCULATION SECTION
2084
210
CALL PROCESSING SECTION
TO TRANSMISSION PATH INTERFACE

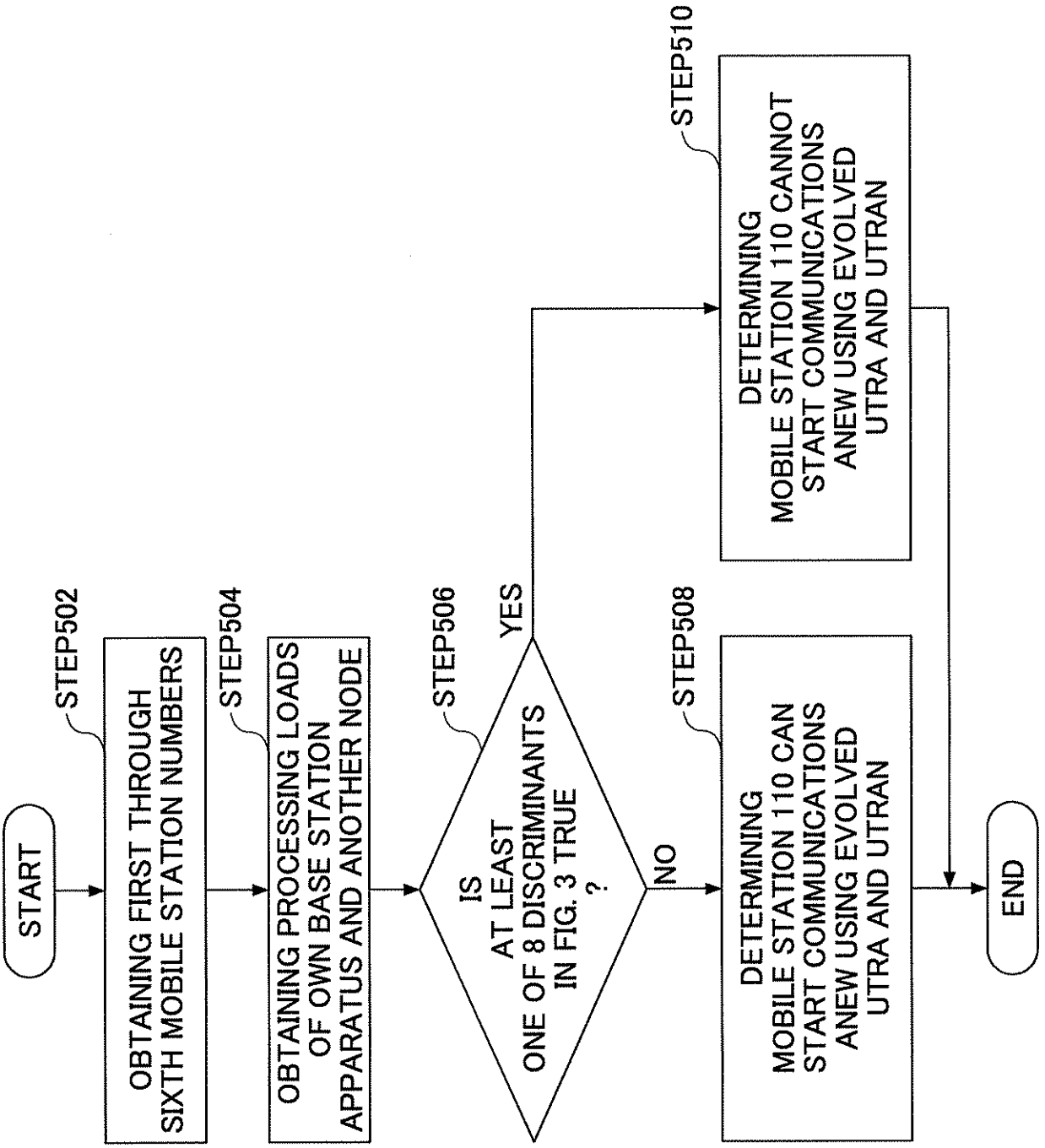

START
STEP502
OBTAINING FIRST THROUGH SIXTH MOBILE STATION NUMBERS
STEP504
OBTAINING PROCESSING LOADS OF OWN BASE STATION APPARATUS AND ANOTHER NODE
STEP506
IS AT LEAST ONE OF 8 DISCRIMINANTS IN FIG. 3 TRUE ?
YES
NO
STEP508
DETERMINING MOBILE STATION 110 CAN START COMMUNICATIONS ANEW USING EVOLVED UTRA AND UTRAN
STEP510
DETERMINING MOBILE STATION 110 CANNOT START COMMUNICATIONS ANEW USING EVOLVED UTRA AND UTRAN
END

FIG.5

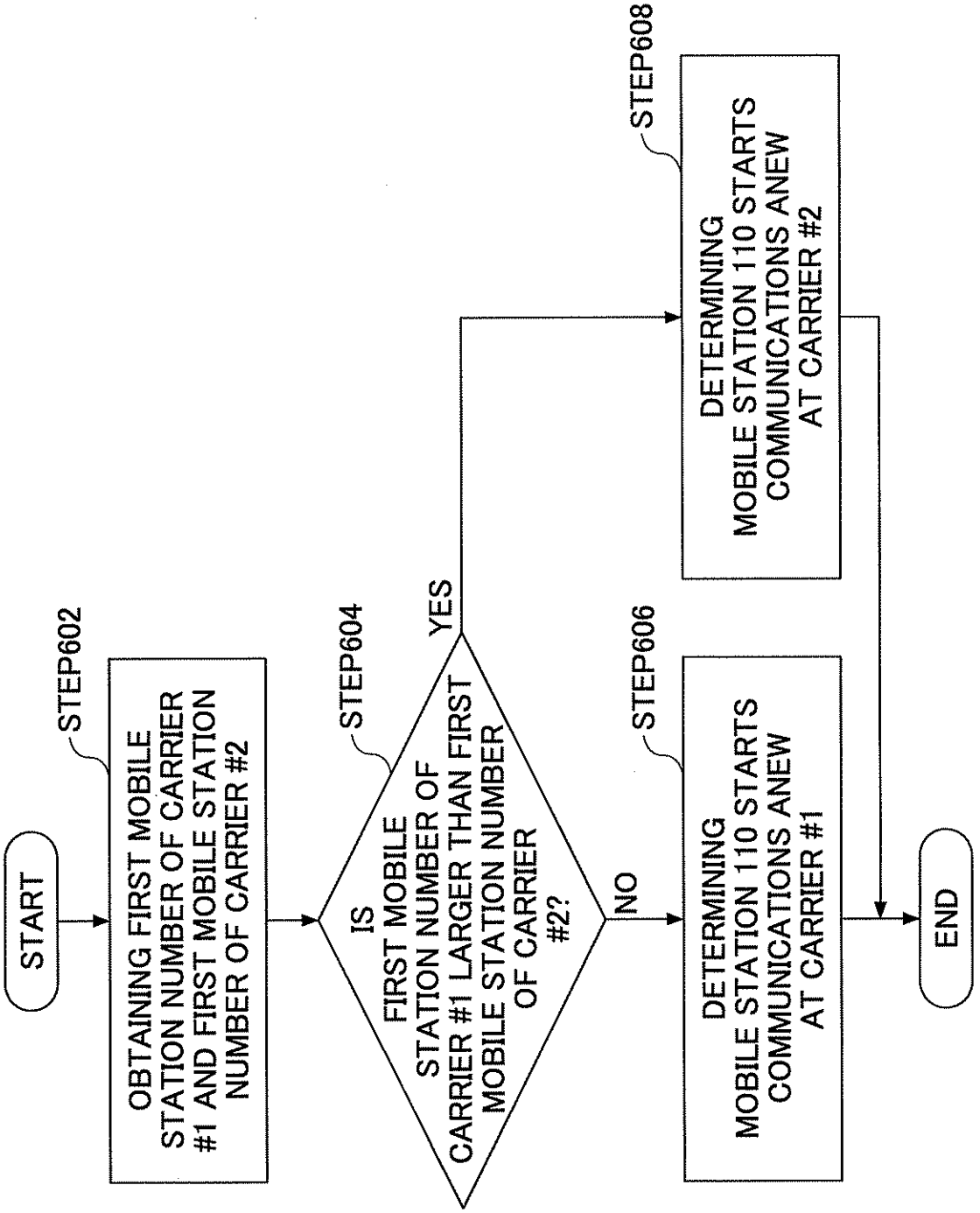

START
STEP602
OBTAINING FIRST MOBILE STATION NUMBER OF CARRIER #1 AND FIRST MOBILE STATION NUMBER OF CARRIER #2
STEP604
IS FIRST MOBILE STATION NUMBER OF CARRIER #1 LARGER THAN FIRST MOBILE STATION NUMBER OF CARRIER #2?
YES
NO
STEP606
DETERMINING MOBILE STATION 110 STARTS COMMUNICATIONS ANEW AT CARRIER #1
STEP608
DETERMINING MOBILE STATION 110 STARTS COMMUNICATIONS ANEW AT CARRIER #2
END

FIG.6

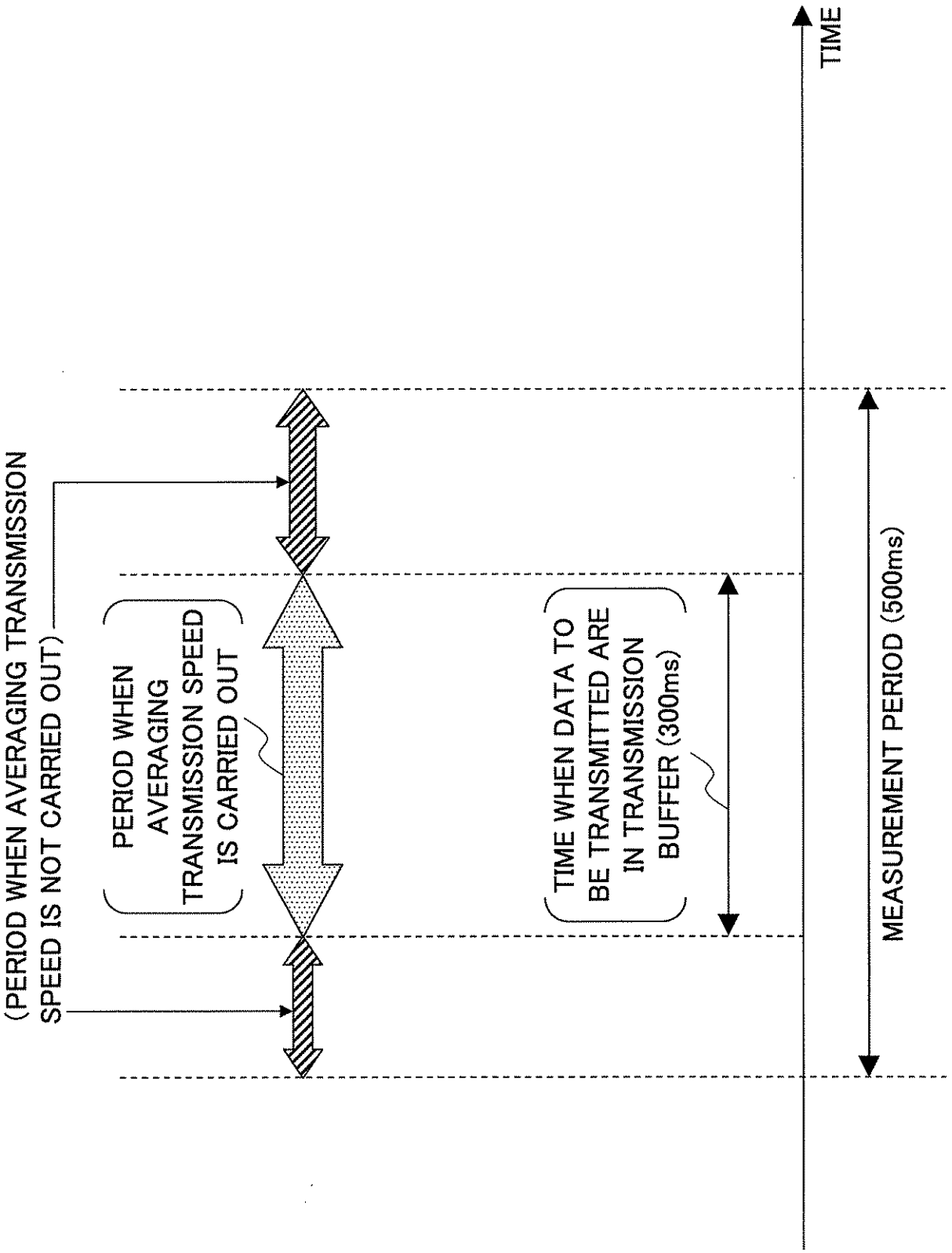

TIME
MEASUREMENT PERIOD (500ms)
TIME WHEN DATA TO BE TRANSMITTED ARE IN TRANSMISSION BUFFER (300ms)
PERIOD WHEN AVERAGING TRANSMISSION SPEED IS CARRIED OUT
(PERIOD WHEN AVERAGING TRANSMISSION SPEED IS NOT CARRIED OUT)

FIG.7

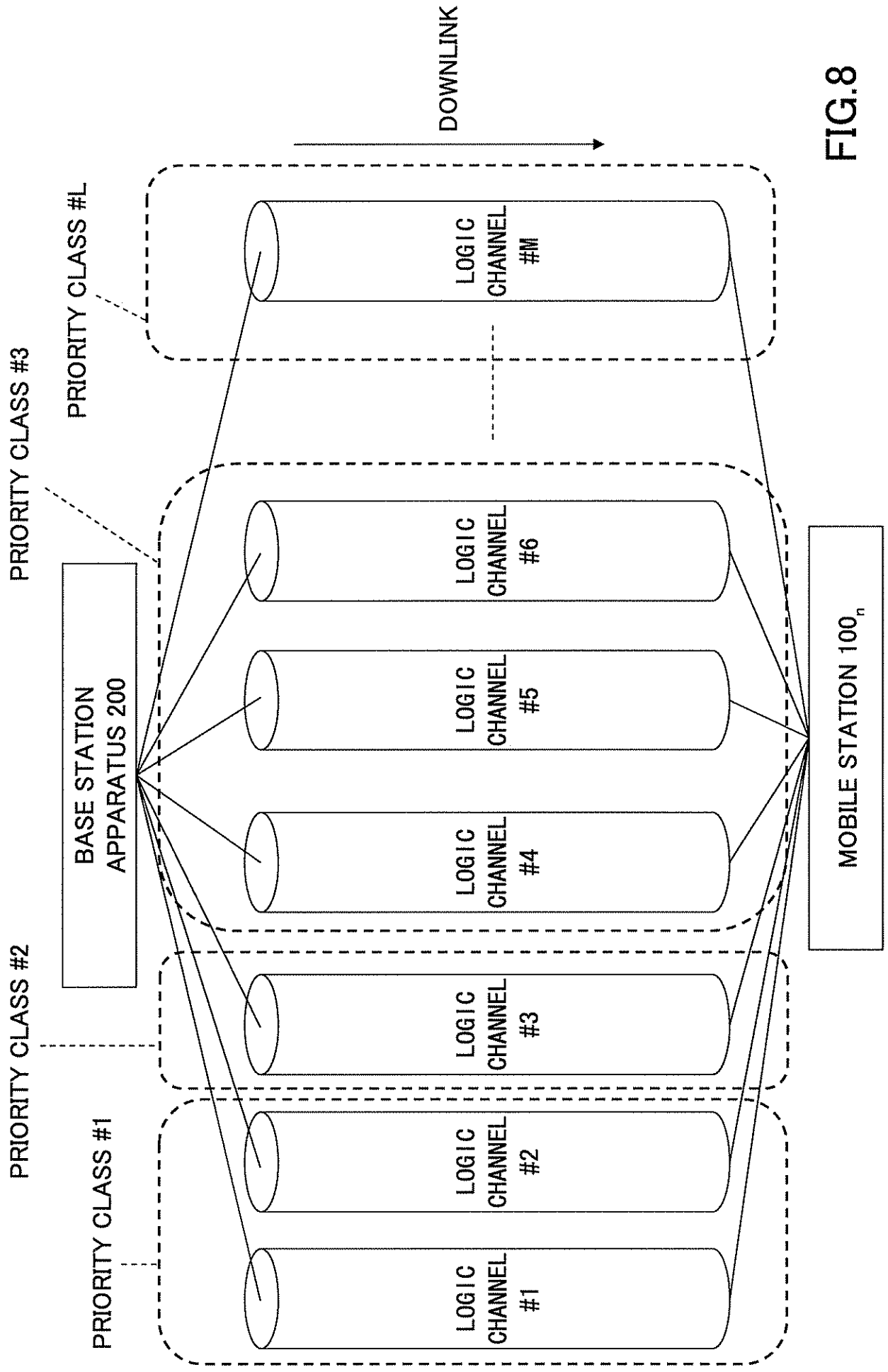
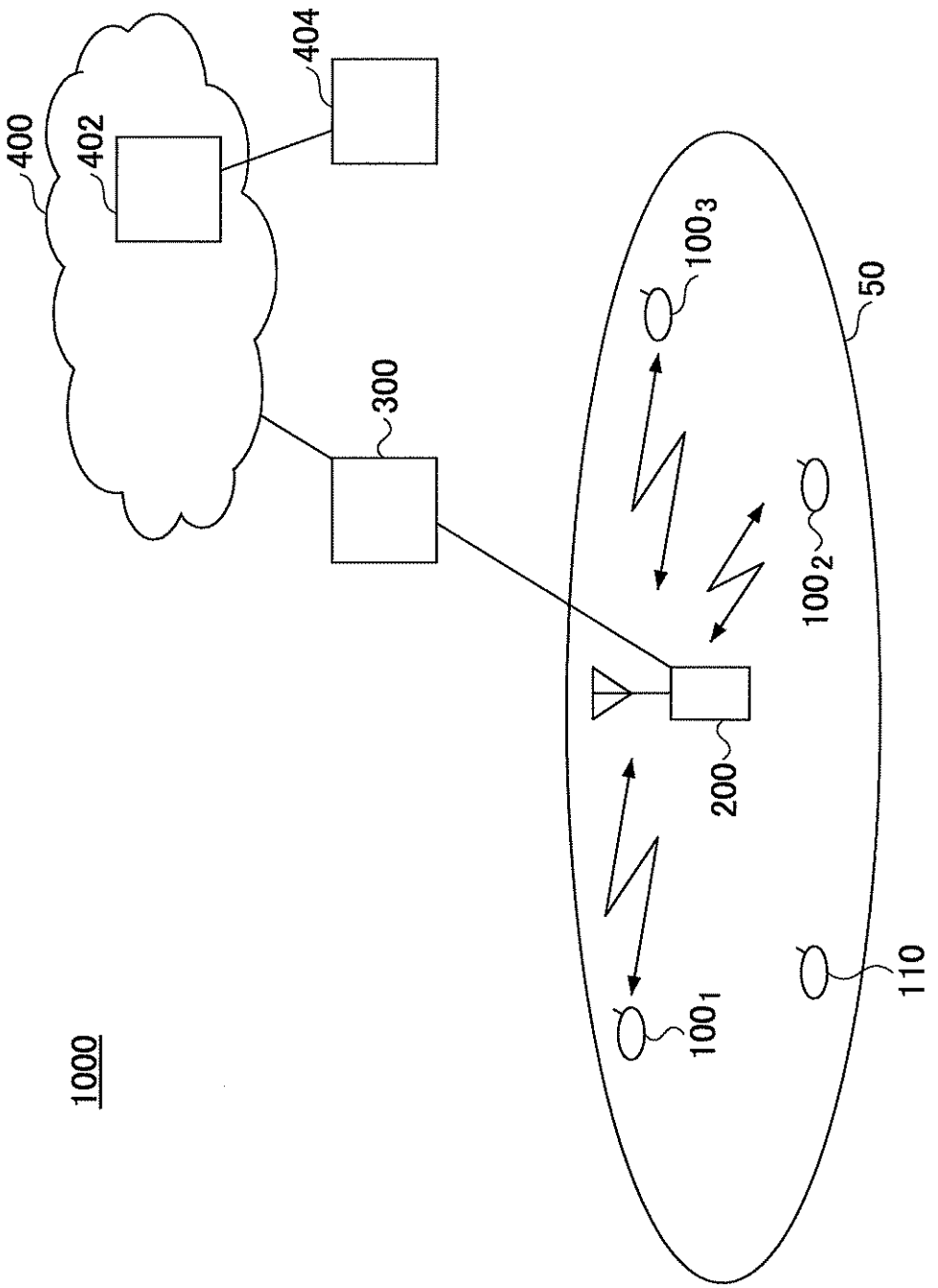

DOWNLINK
PRIORITY CLASS #L
PRIORITY CLASS #3
PRIORITY CLASS #2
PRIORITY CLASS #1
BASE STATION APPARATUS 200
LOGIC CHANNEL #M
LOGIC CHANNEL #6
LOGIC CHANNEL #5
LOGIC CHANNEL #4
LOGIC CHANNEL #3
LOGIC CHANNEL #2
LOGIC CHANNEL #1
MOBILE STATION 100n

FIG.8

FIG.9



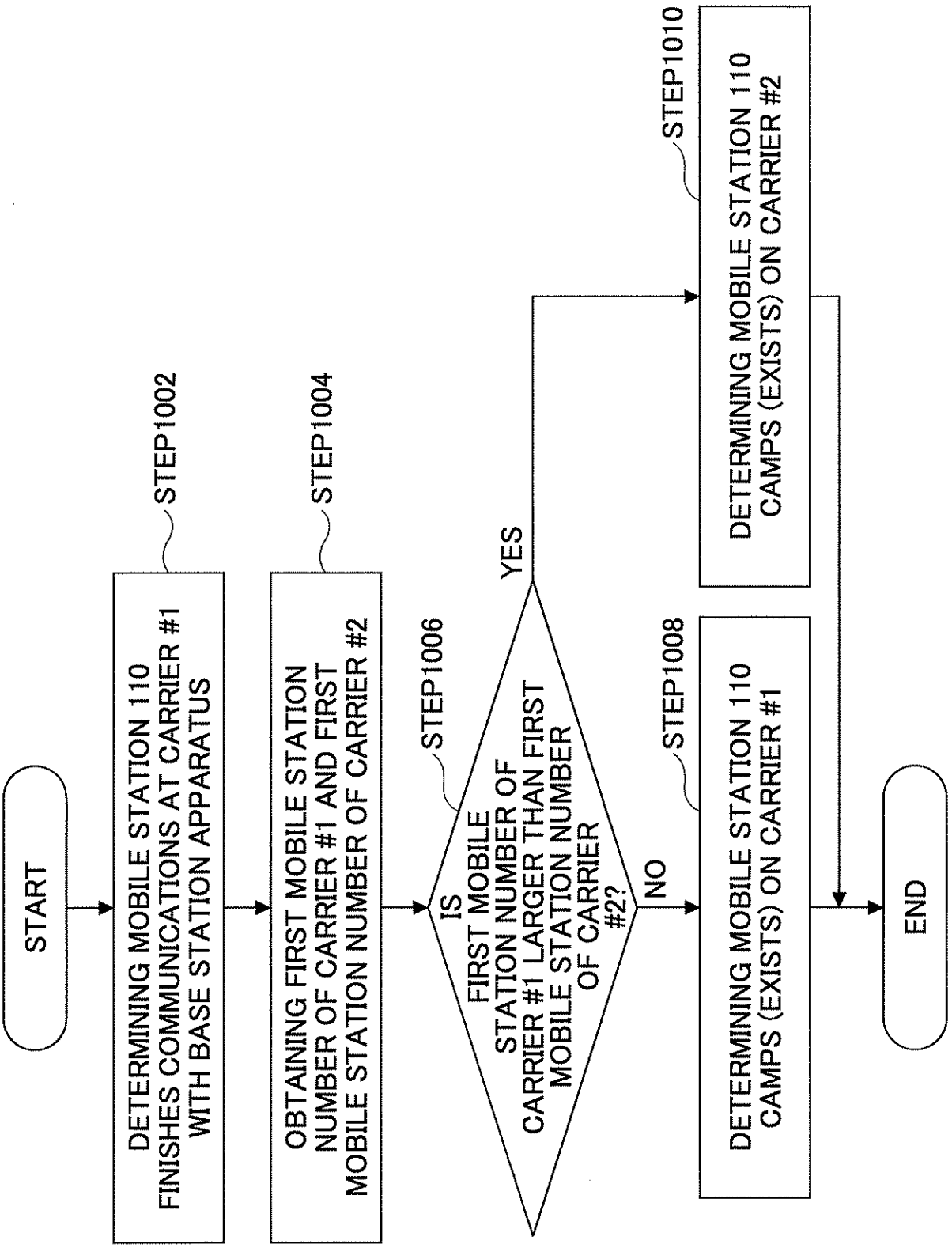

START
DETERMINING MOBILE STATION 110 FINISHES COMMUNICATIONS AT CARRIER #1 WITH BASE STATION APPARATUS
STEP1002
OBTAINING FIRST MOBILE STATION NUMBER OF CARRIER #1 AND FIRST MOBILE STATION NUMBER OF CARRIER #2
STEP1004
STEP1006
IS FIRST MOBILE STATION NUMBER OF CARRIER #1 LARGER THAN FIRST MOBILE STATION NUMBER OF CARRIER #2?
YES
NO
STEP1010
DETERMINING MOBILE STATION 110 CAMPS (EXISTS) ON CARRIER #2
STEP1008
DETERMINING MOBILE STATION 110 CAMPS (EXISTS) ON CARRIER #1
END

FIG.10