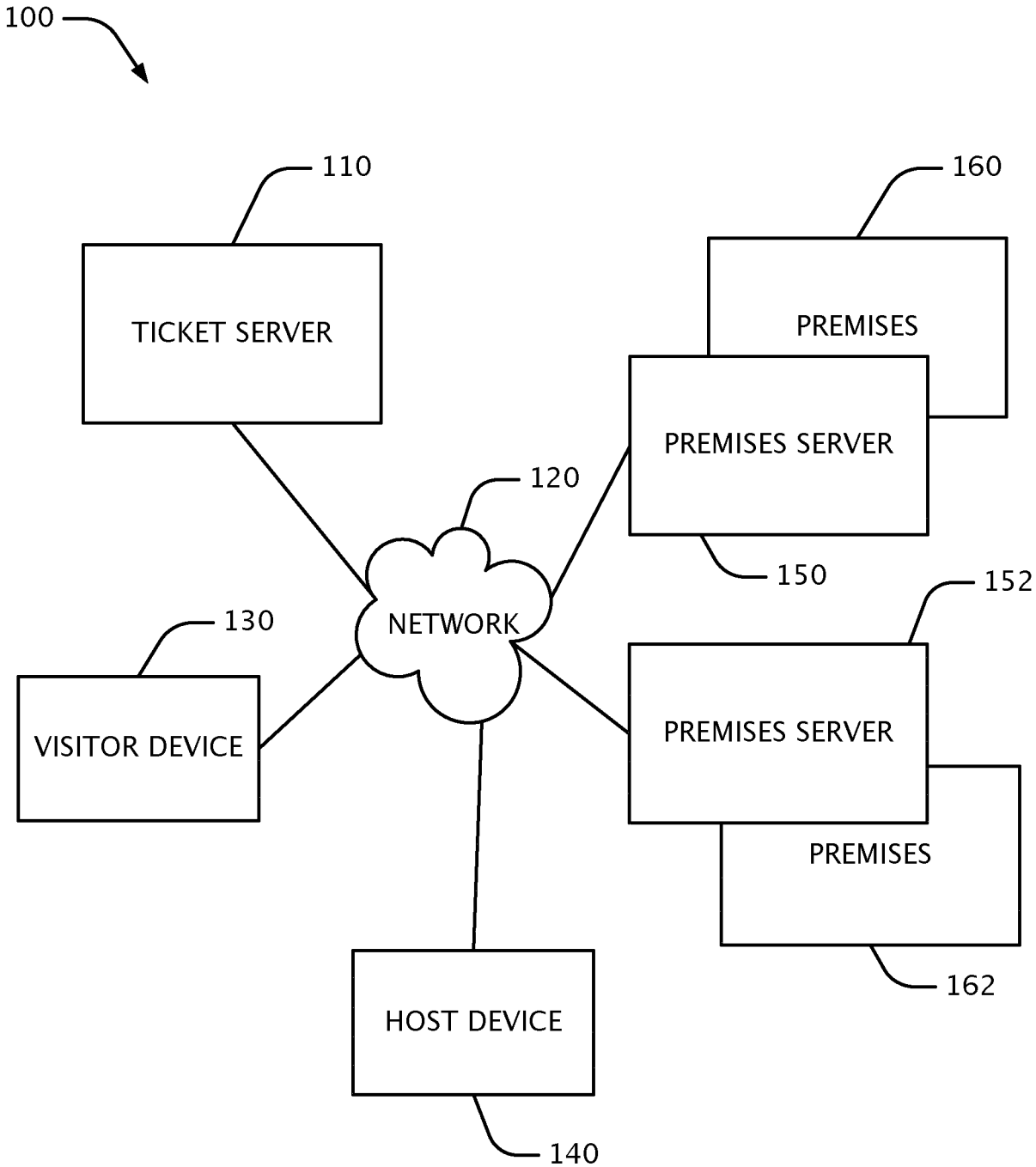
100
110
TICKET SERVER
160
PREMISES
PREMISES SERVER
120
150
NETWORK
152
130
VISITOR DEVICE
PREMISES SERVER
PREMISES
162
HOST DEVICE
140

FIG. 1

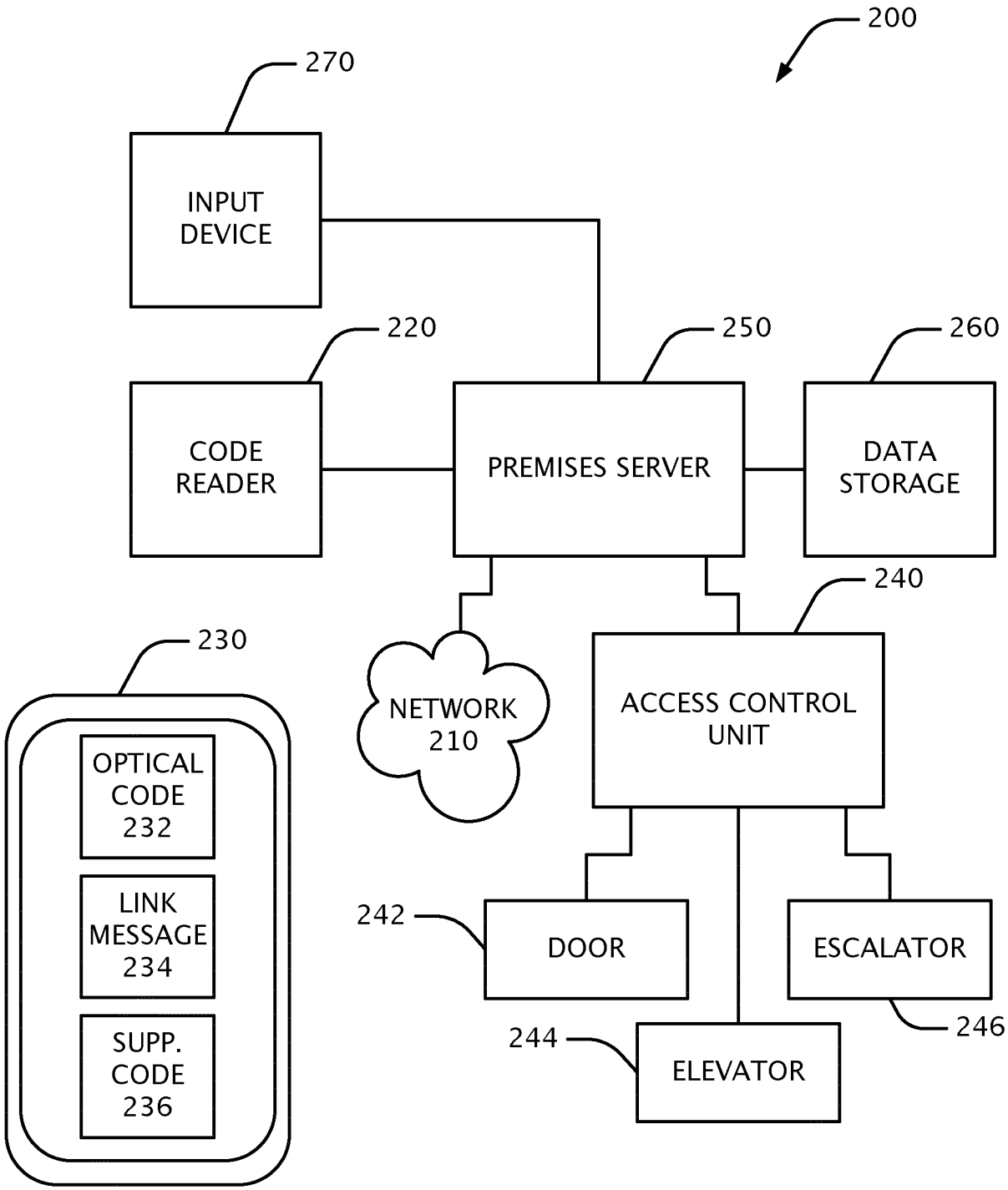
200
270
INPUT DEVICE
220
CODE READER
250
PREMISES SERVER
260
DATA STORAGE
240
230
NETWORK 210
ACCESS CONTROL UNIT
OPTICAL CODE 232
LINK MESSAGE 234
SUPP. CODE 236
242
DOOR
ESCALATOR
246
244
ELEVATOR

FIG. 2

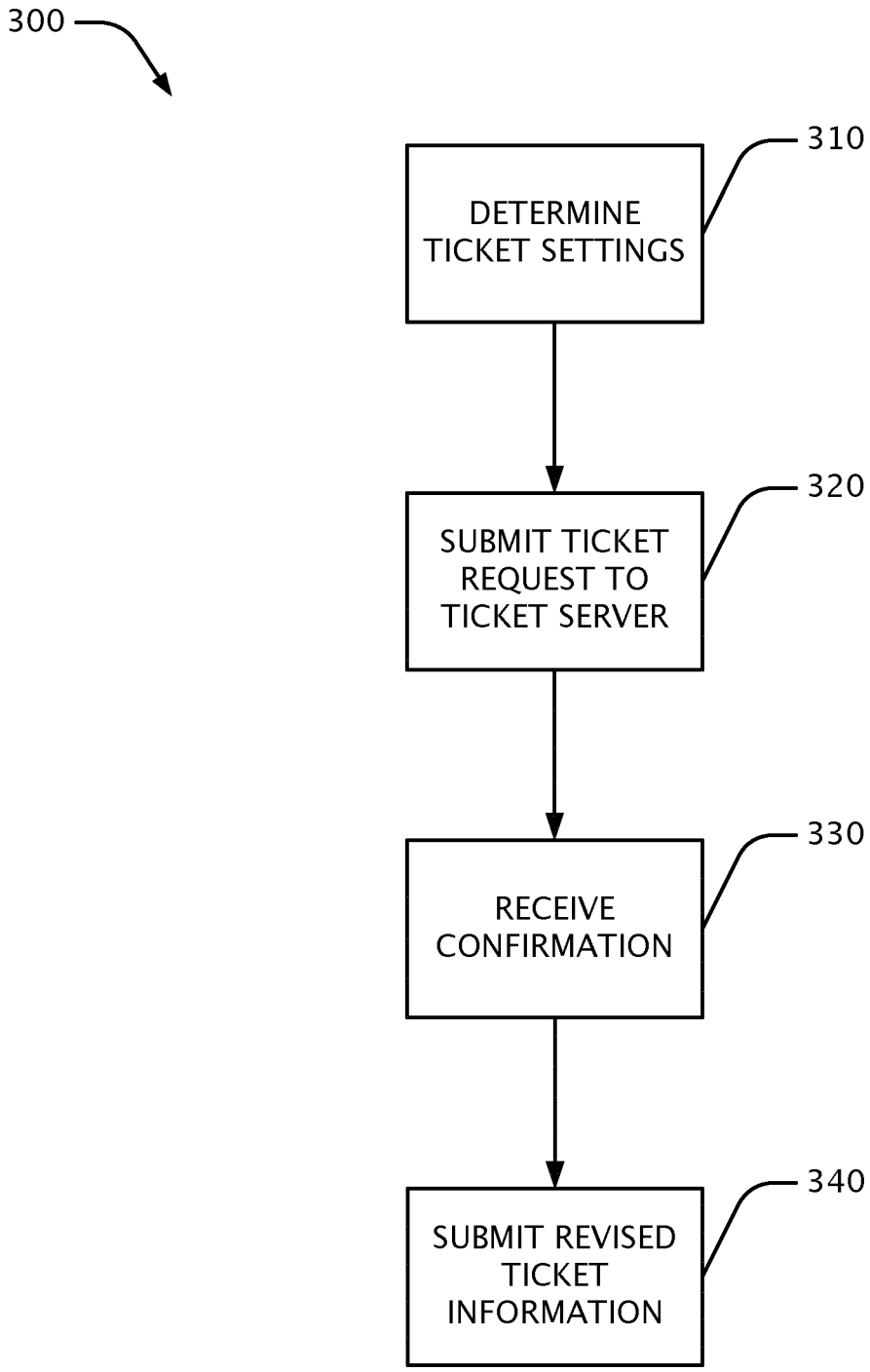
300
DETERMINE TICKET SETTINGS
310
SUBMIT TICKET REQUEST TO TICKET SERVER
320
RECEIVE CONFIRMATION
330
SUBMIT REVISED TICKET INFORMATION
340

FIG. 3

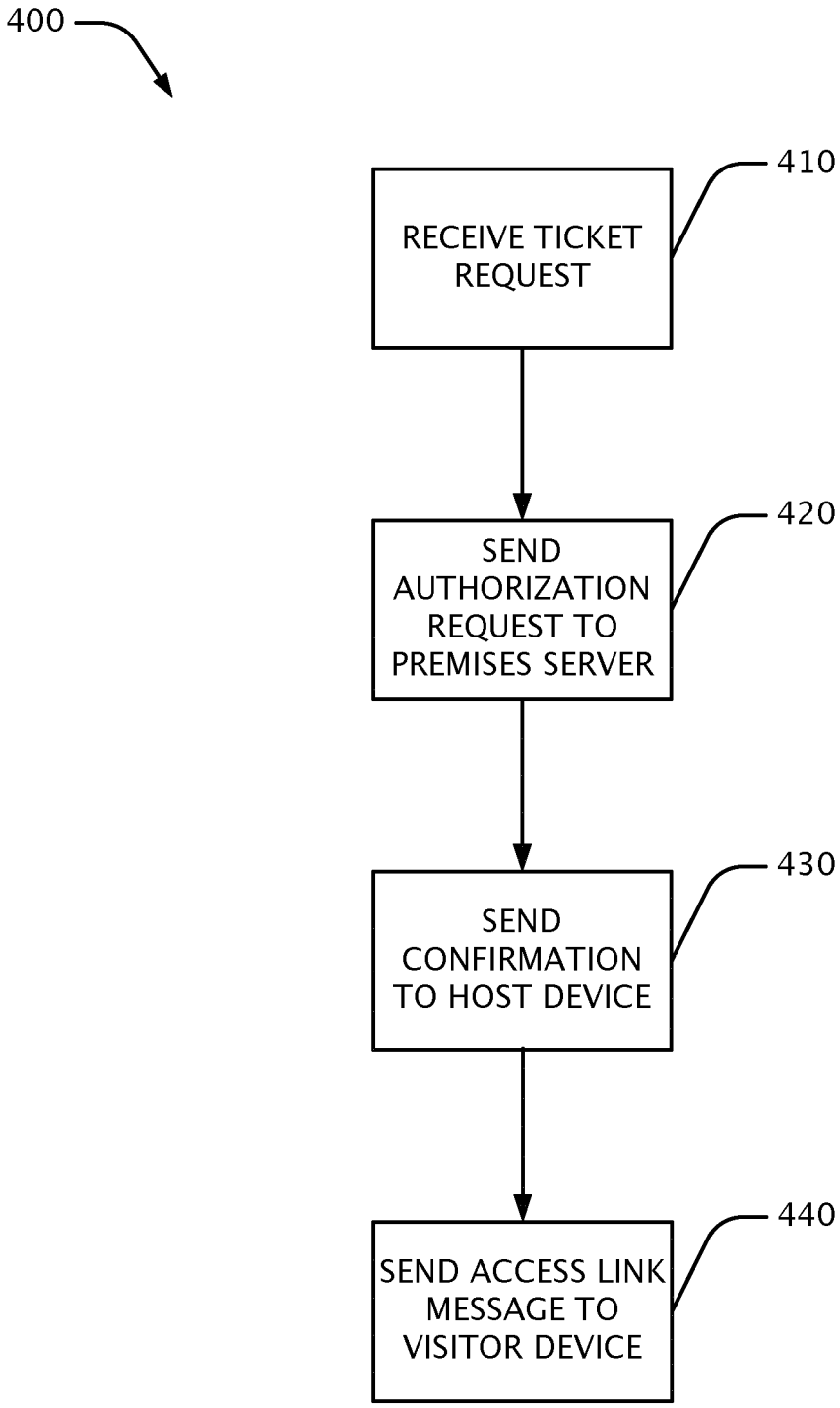
400
410
RECEIVE TICKET REQUEST
420
SEND AUTHORIZATION REQUEST TO PREMISES SERVER
430
SEND CONFIRMATION TO HOST DEVICE
440
SEND ACCESS LINK MESSAGE TO VISITOR DEVICE

FIG. 4

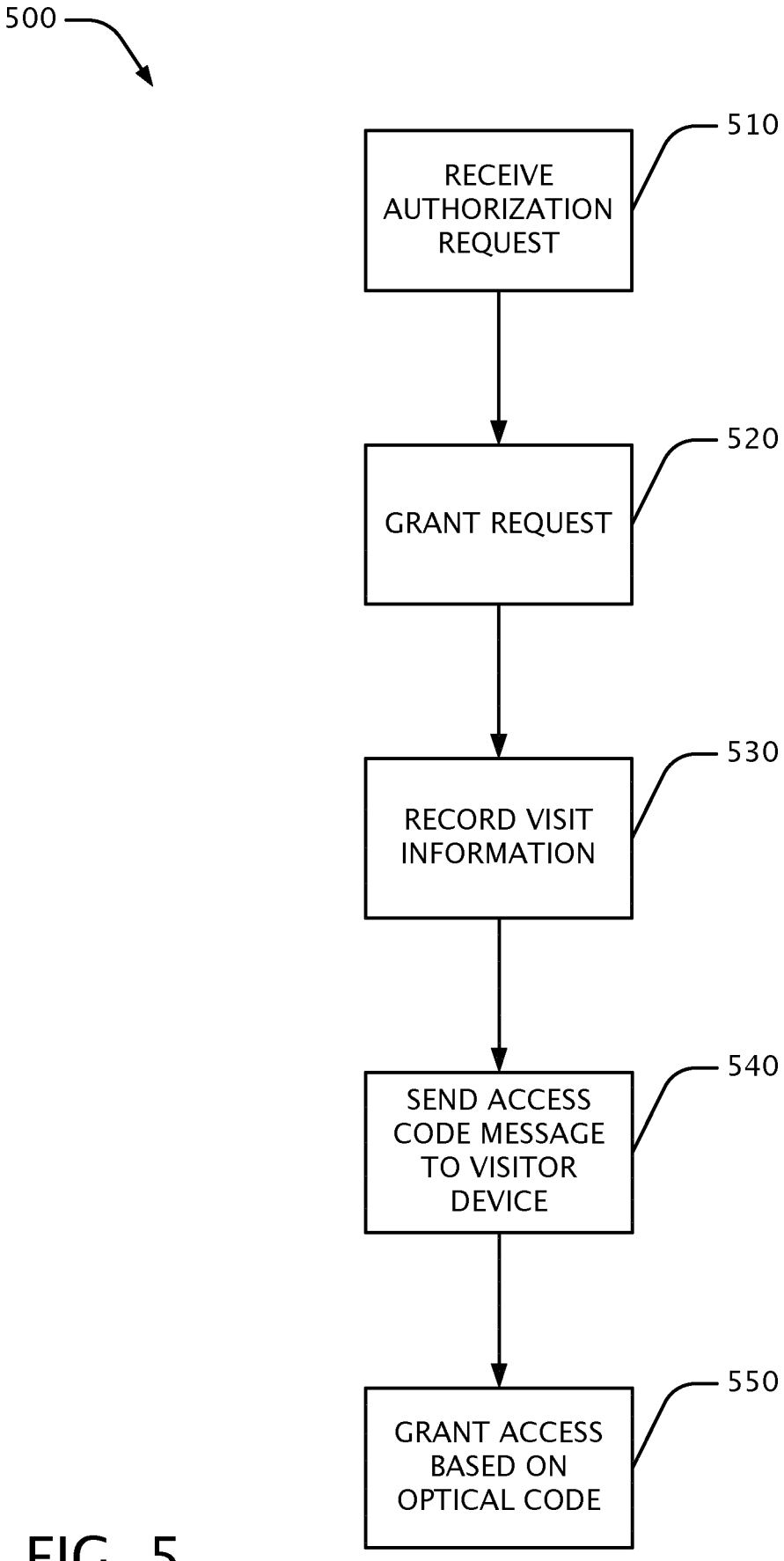
500
RECEIVE AUTHORIZATION REQUEST
510
GRANT REQUEST
520
RECORD VISIT INFORMATION
530
SEND ACCESS CODE MESSAGE TO VISITOR DEVICE
540
GRANT ACCESS BASED ON OPTICAL CODE
550

FIG. 5

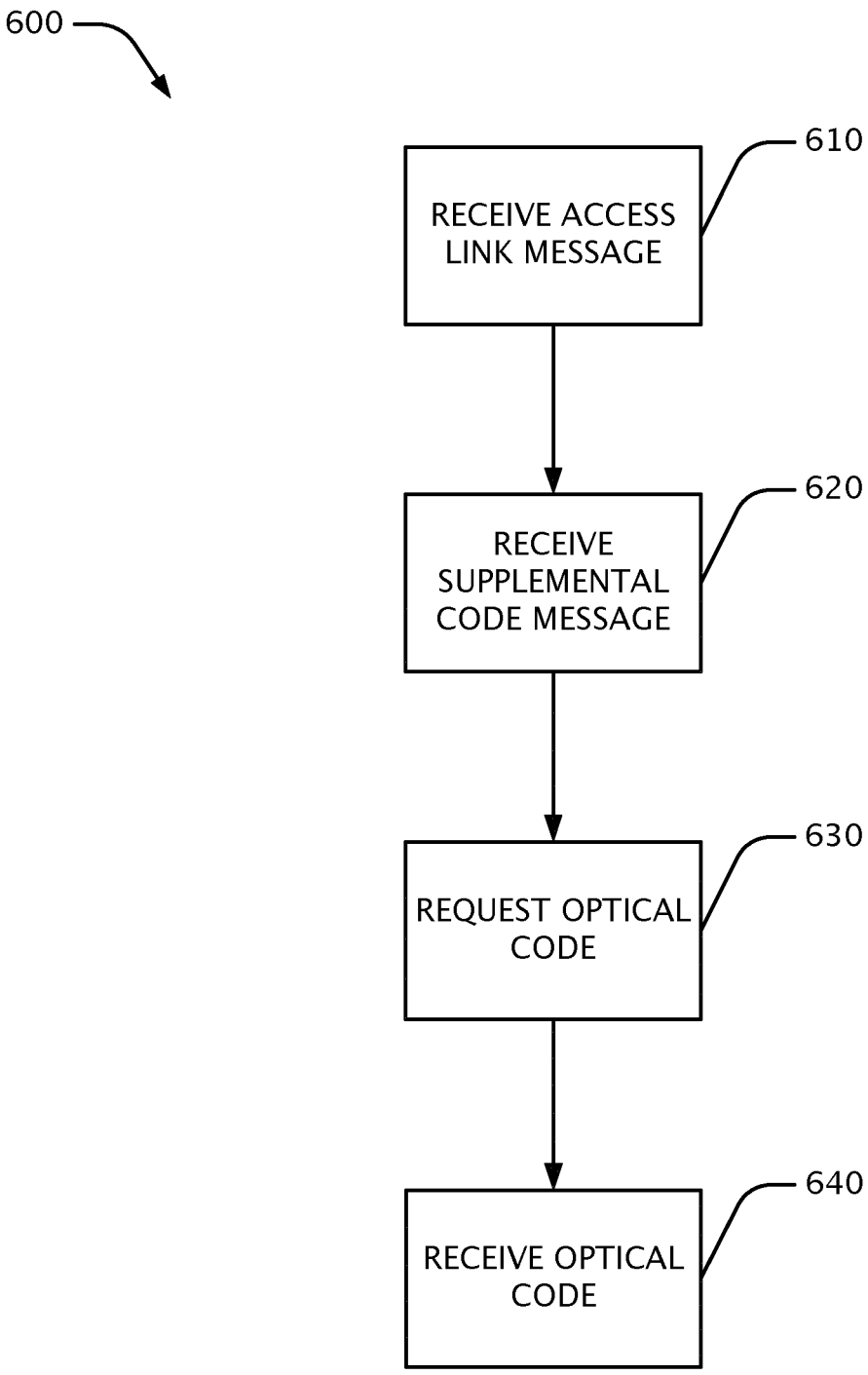
600
610
RECEIVE ACCESS LINK MESSAGE
620
RECEIVE SUPPLEMENTAL CODE MESSAGE
630
REQUEST OPTICAL CODE
640
RECEIVE OPTICAL CODE

FIG. 6

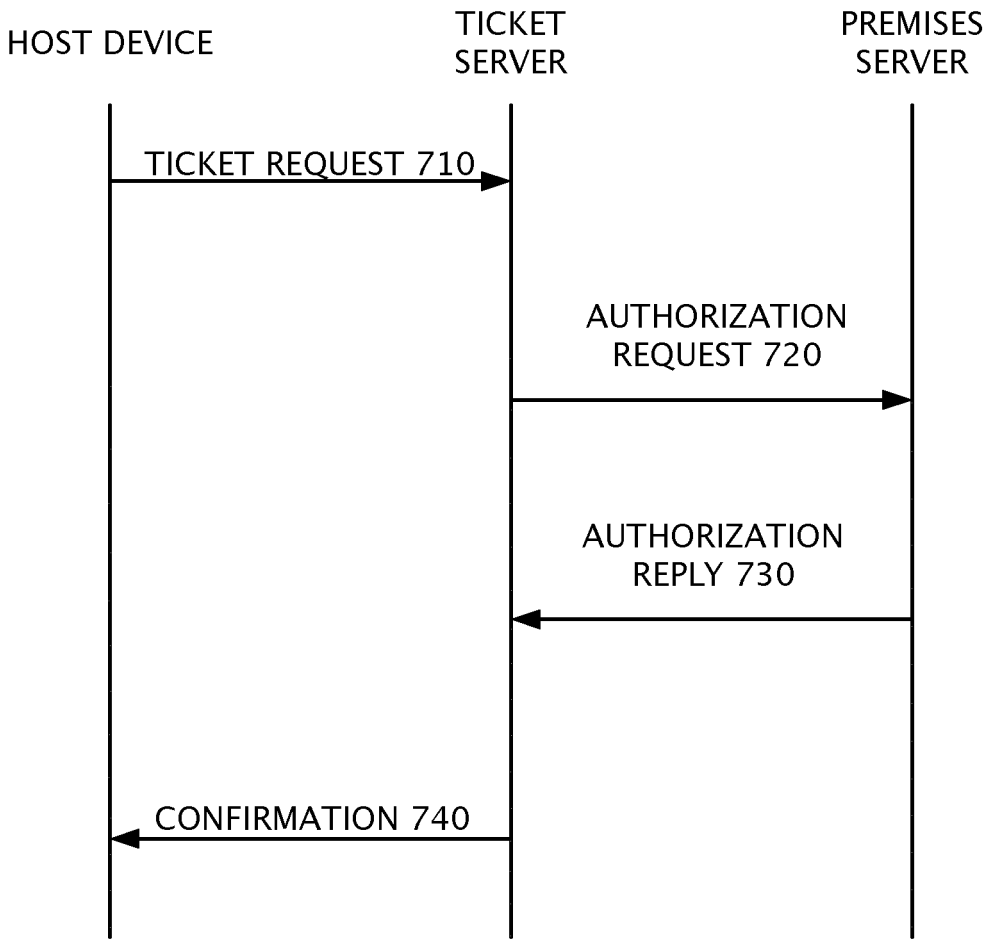
HOST DEVICE
TICKET SERVER
PREMISES SERVER
TICKET REQUEST 710
AUTHORIZATION REQUEST 720
AUTHORIZATION REPLY 730
CONFIRMATION 740

FIG. 7

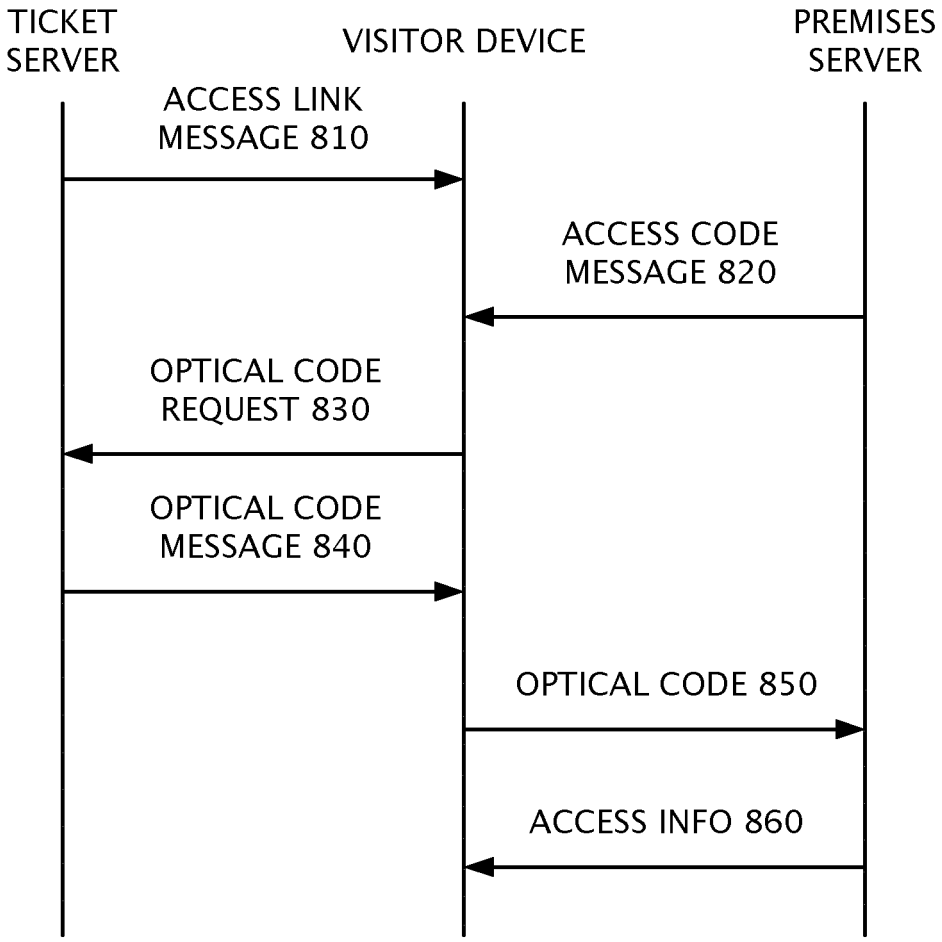
TICKET SERVER
VISITOR DEVICE
PREMISES SERVER
ACCESS LINK MESSAGE 810
ACCESS CODE MESSAGE 820
OPTICAL CODE REQUEST 830
OPTICAL CODE MESSAGE 840
OPTICAL CODE 850
ACCESS INFO 860

FIG. 8

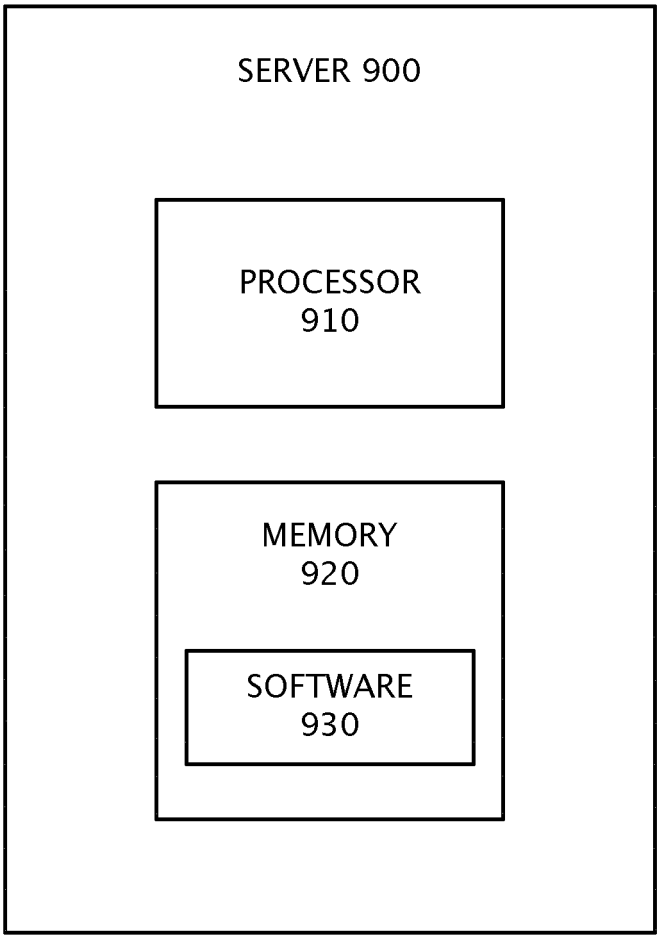

FIG. 9

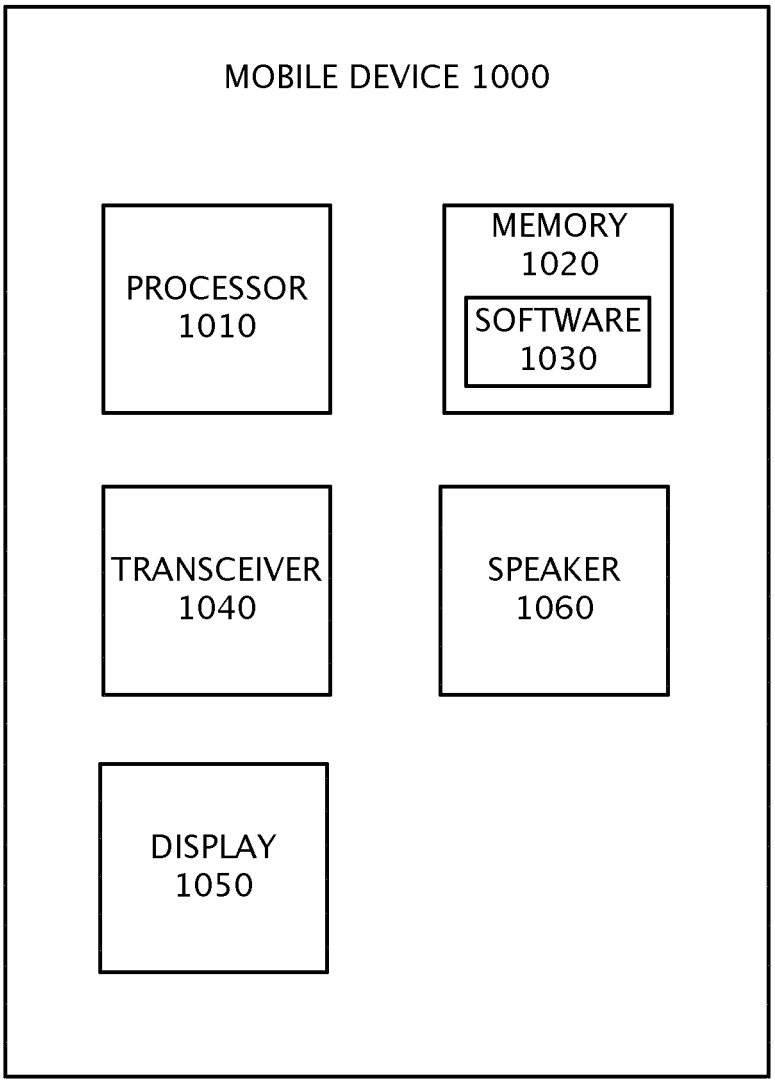
MOBILE DEVICE 1000
PROCESSOR 1010
MEMORY 1020
SOFTWARE 1030
TRANSCEIVER 1040
SPEAKER 1060
DISPLAY 1050

FIG. 10