FIG. 1

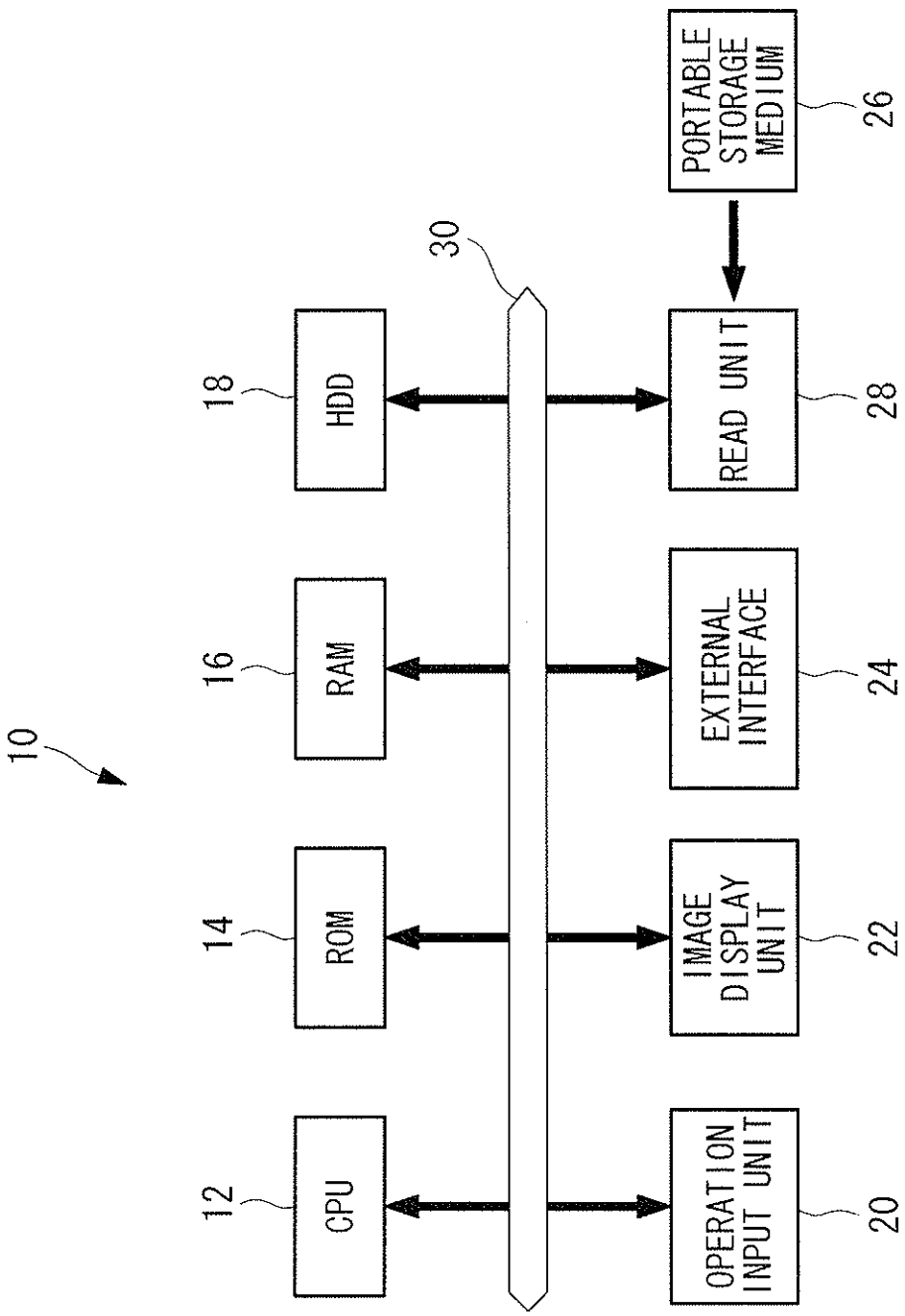

10
12
CPU
14
ROM
16
RAM
18
HDD
20
OPERATION INPUT UNIT
22
IMAGE DISPLAY UNIT
24
EXTERNAL INTERFACE
26
PORTABLE STORAGE MEDIUM
28
READ UNIT
30

FIG. 2

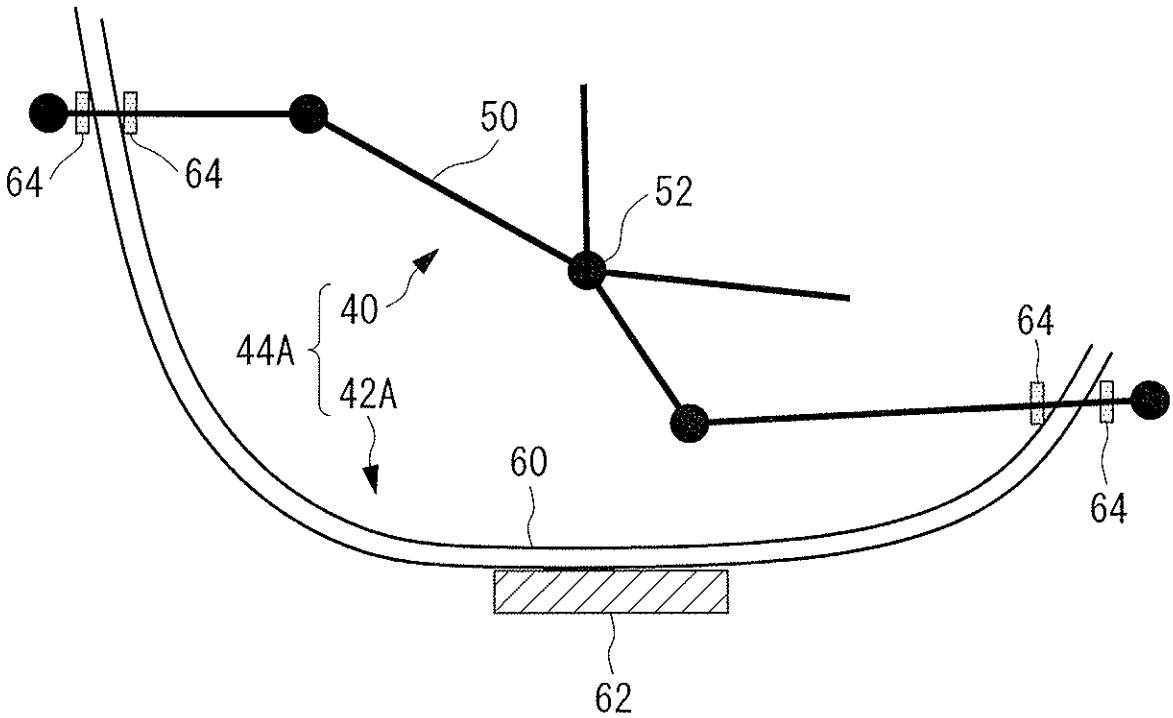


FIG. 3

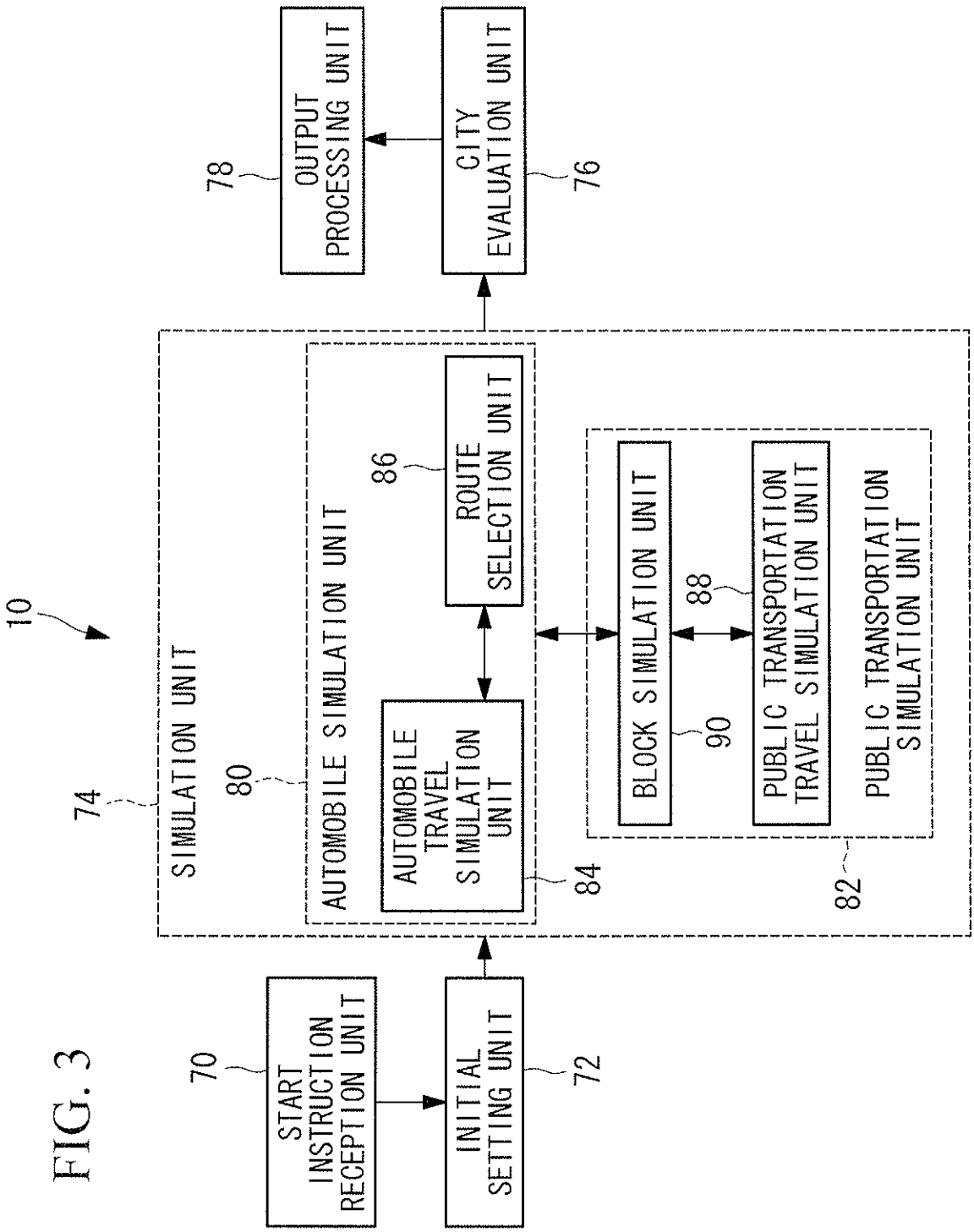

10
SIMULATION UNIT
74
AUTOMOBILE SIMULATION UNIT
80
ROUTE SELECTION UNIT
86
AUTOMOBILE TRAVEL SIMULATION UNIT
84
BLOCK SIMULATION UNIT
90
PUBLIC TRANSPORTATION TRAVEL SIMULATION UNIT
88
PUBLIC TRANSPORTATION SIMULATION UNIT
82
OUTPUT PROCESSING UNIT
78
CITY EVALUATION UNIT
76
START INSTRUCTION RECEPTION UNIT
70
INITIAL SETTING UNIT
72

FIG. 4

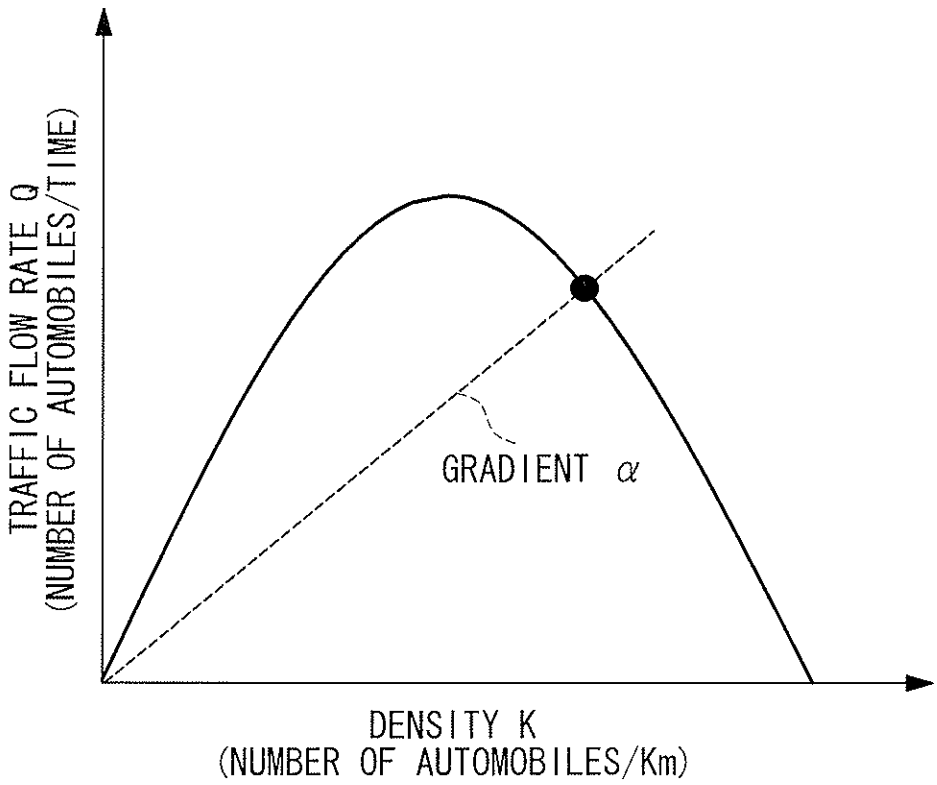

TRAFFIC FLOW RATE Q
(NUMBER OF AUTOMOBILES/TIME)
GRADIENT α
DENSITY K
(NUMBER OF AUTOMOBILES/Km)

FIG. 5

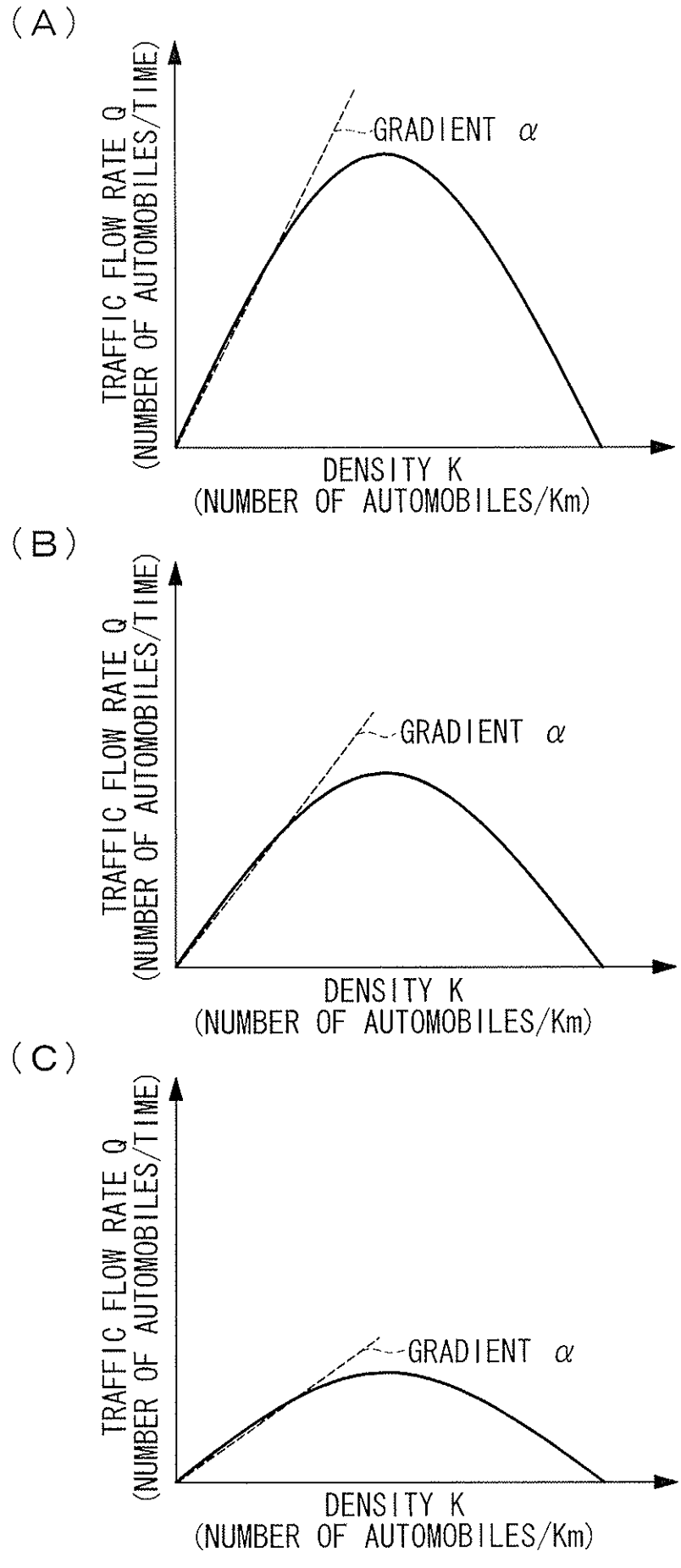

(A)
TRAFFIC FLOW RATE Q
(NUMBER OF AUTOMOBILES/TIME)
GRADIENT α
DENSITY K
(NUMBER OF AUTOMOBILES/Km)
(B)
TRAFFIC FLOW RATE Q
(NUMBER OF AUTOMOBILES/TIME)
GRADIENT α
DENSITY K
(NUMBER OF AUTOMOBILES/Km)
(C)
TRAFFIC FLOW RATE Q
(NUMBER OF AUTOMOBILES/TIME)
GRADIENT α
DENSITY K
(NUMBER OF AUTOMOBILES/Km)

FIG. 6

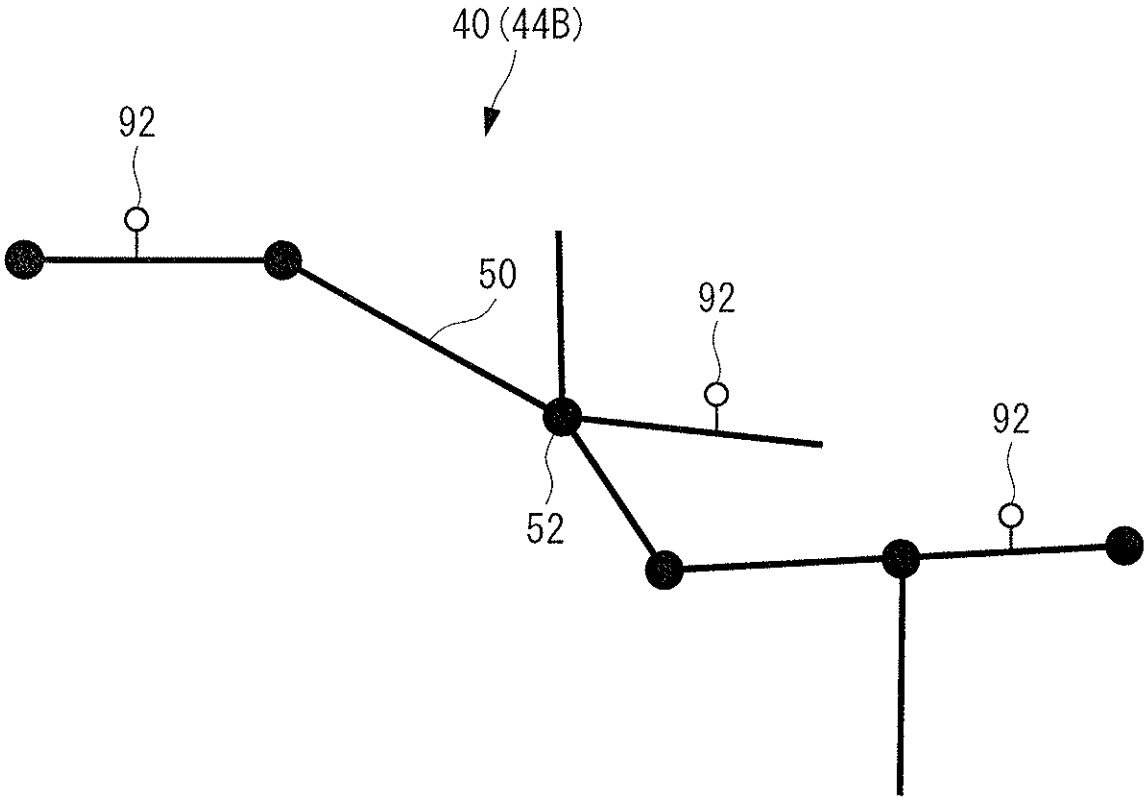


FIG. 7

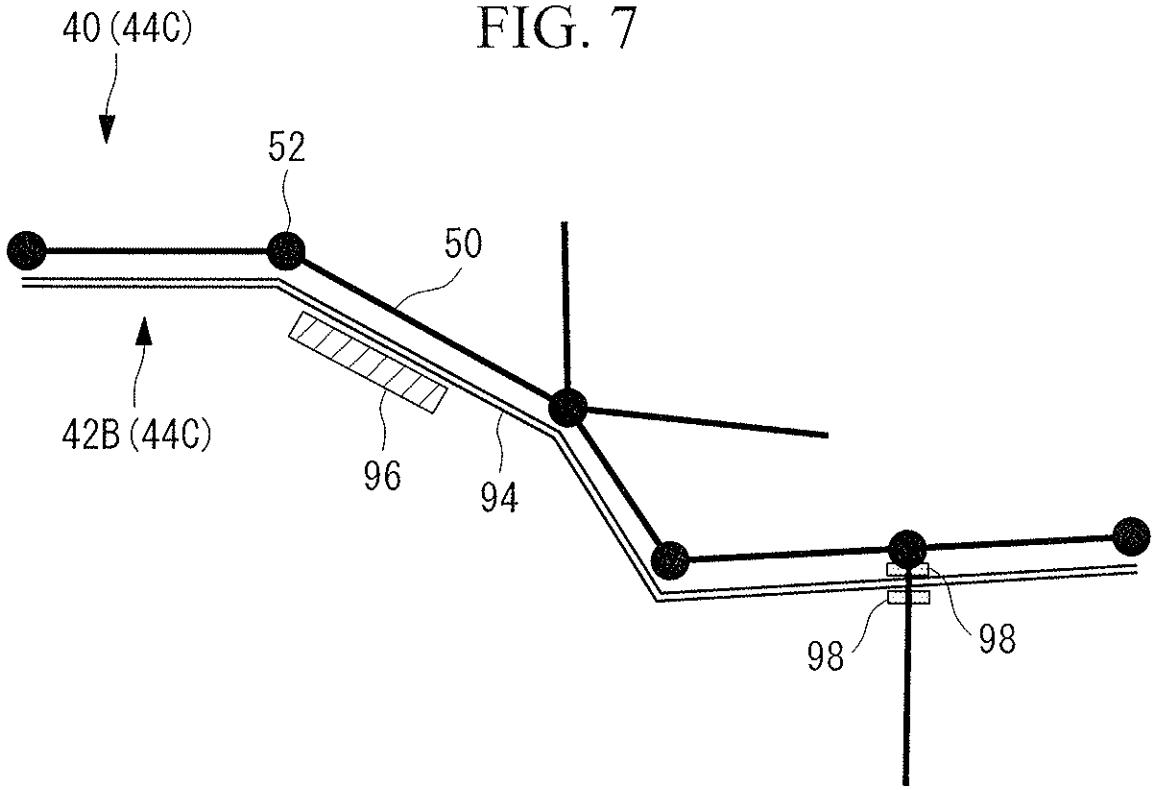


FIG. 8

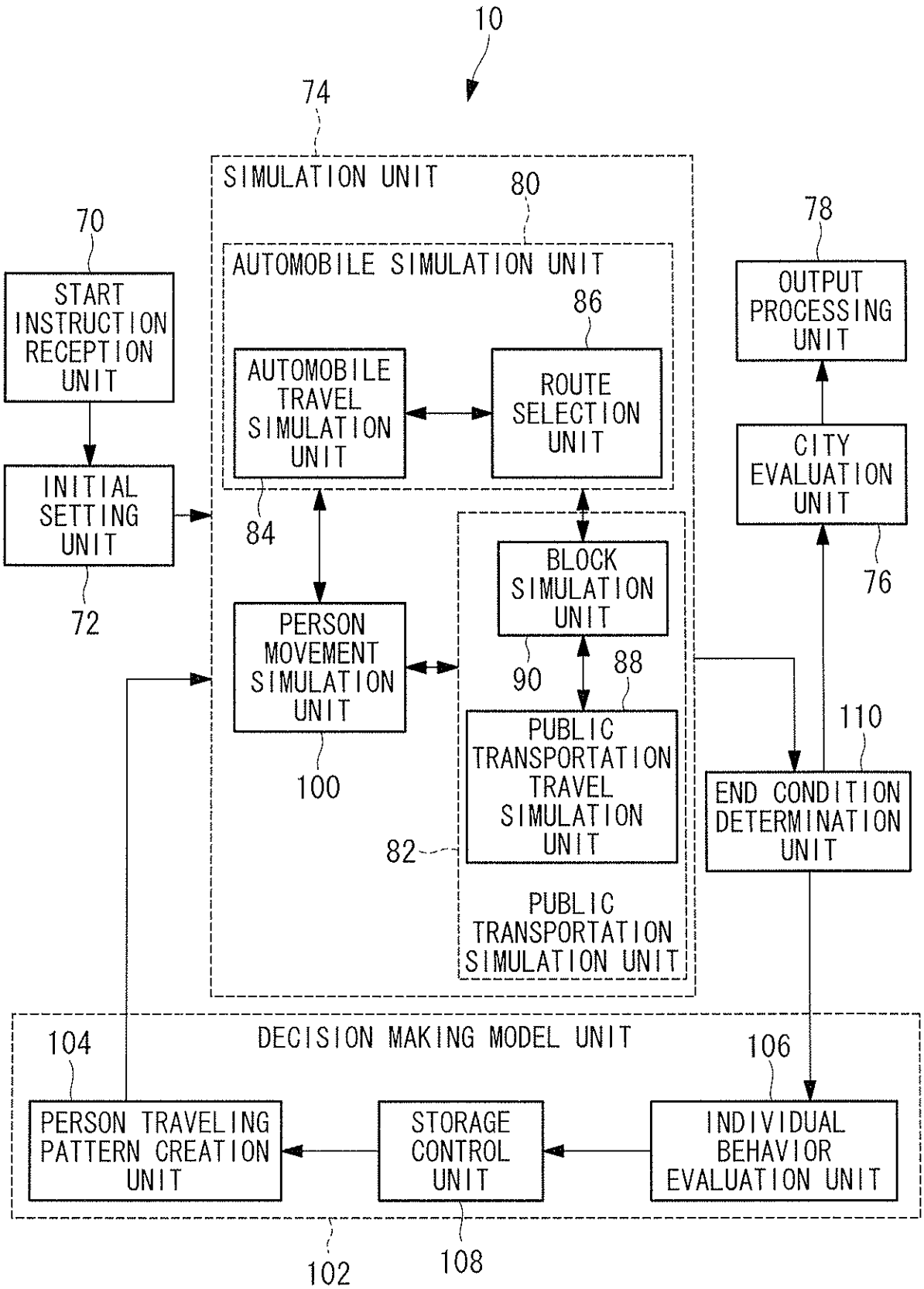
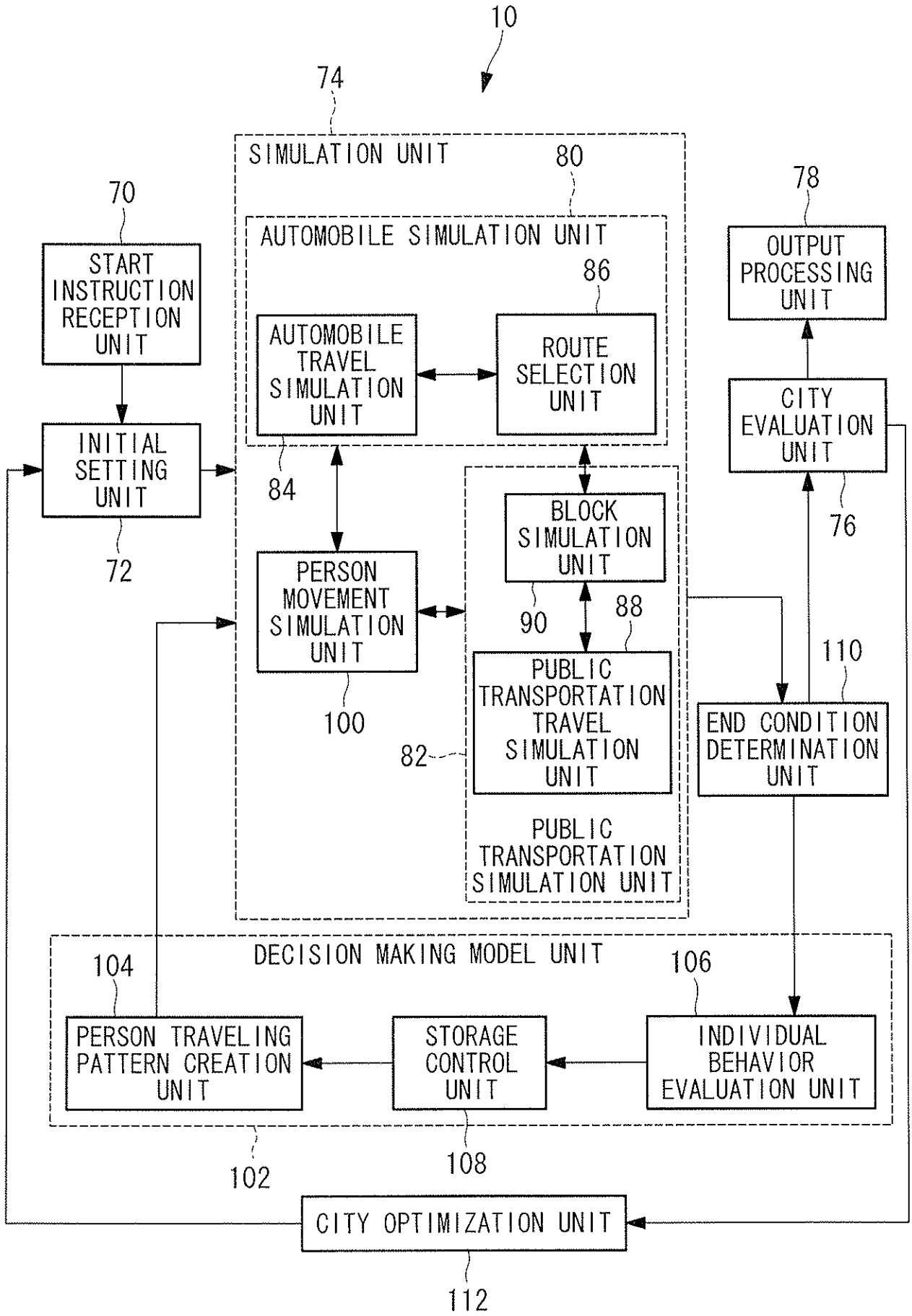

10
74
SIMULATION UNIT
80
70
78
AUTOMOBILE SIMULATION UNIT
START INSTRUCTION RECEPTION UNIT
86
OUTPUT PROCESSING UNIT
AUTOMOBILE TRAVEL SIMULATION UNIT
ROUTE SELECTION UNIT
CITY EVALUATION UNIT
INITIAL SETTING UNIT
84
76
72
BLOCK SIMULATION UNIT
PERSON MOVEMENT SIMULATION UNIT
90
88
110
PUBLIC TRANSPORTATION TRAVEL SIMULATION UNIT
END CONDITION DETERMINATION UNIT
100
82
PUBLIC TRANSPORTATION SIMULATION UNIT
DECISION MAKING MODEL UNIT
104
106
PERSON TRAVELING PATTERN CREATION UNIT
STORAGE CONTROL UNIT
INDIVIDUAL BEHAVIOR EVALUATION UNIT
102
108

FIG. 9


10
74
SIMULATION UNIT
80
AUTOMOBILE SIMULATION UNIT
86
AUTOMOBILE TRAVEL SIMULATION UNIT
ROUTE SELECTION UNIT
84
70
START INSTRUCTION RECEPTION UNIT
INITIAL SETTING UNIT
72
PERSON MOVEMENT SIMULATION UNIT
100
BLOCK SIMULATION UNIT
90
88
PUBLIC TRANSPORTATION TRAVEL SIMULATION UNIT
82
PUBLIC TRANSPORTATION SIMULATION UNIT
78
OUTPUT PROCESSING UNIT
CITY EVALUATION UNIT
76
110
END CONDITION DETERMINATION UNIT
DECISION MAKING MODEL UNIT
104
106
PERSON TRAVELING PATTERN CREATION UNIT
STORAGE CONTROL UNIT
INDIVIDUAL BEHAVIOR EVALUATION UNIT
102
108
CITY OPTIMIZATION UNIT
112