

FIG. 1

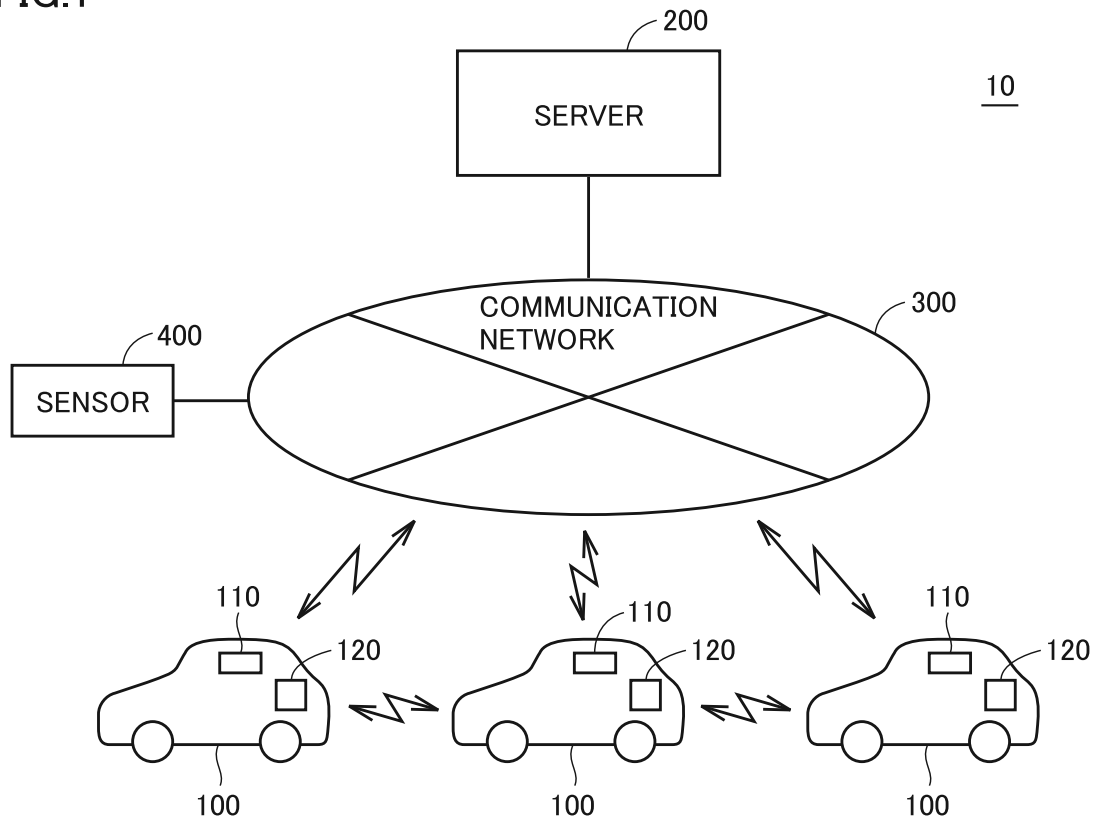


FIG.2

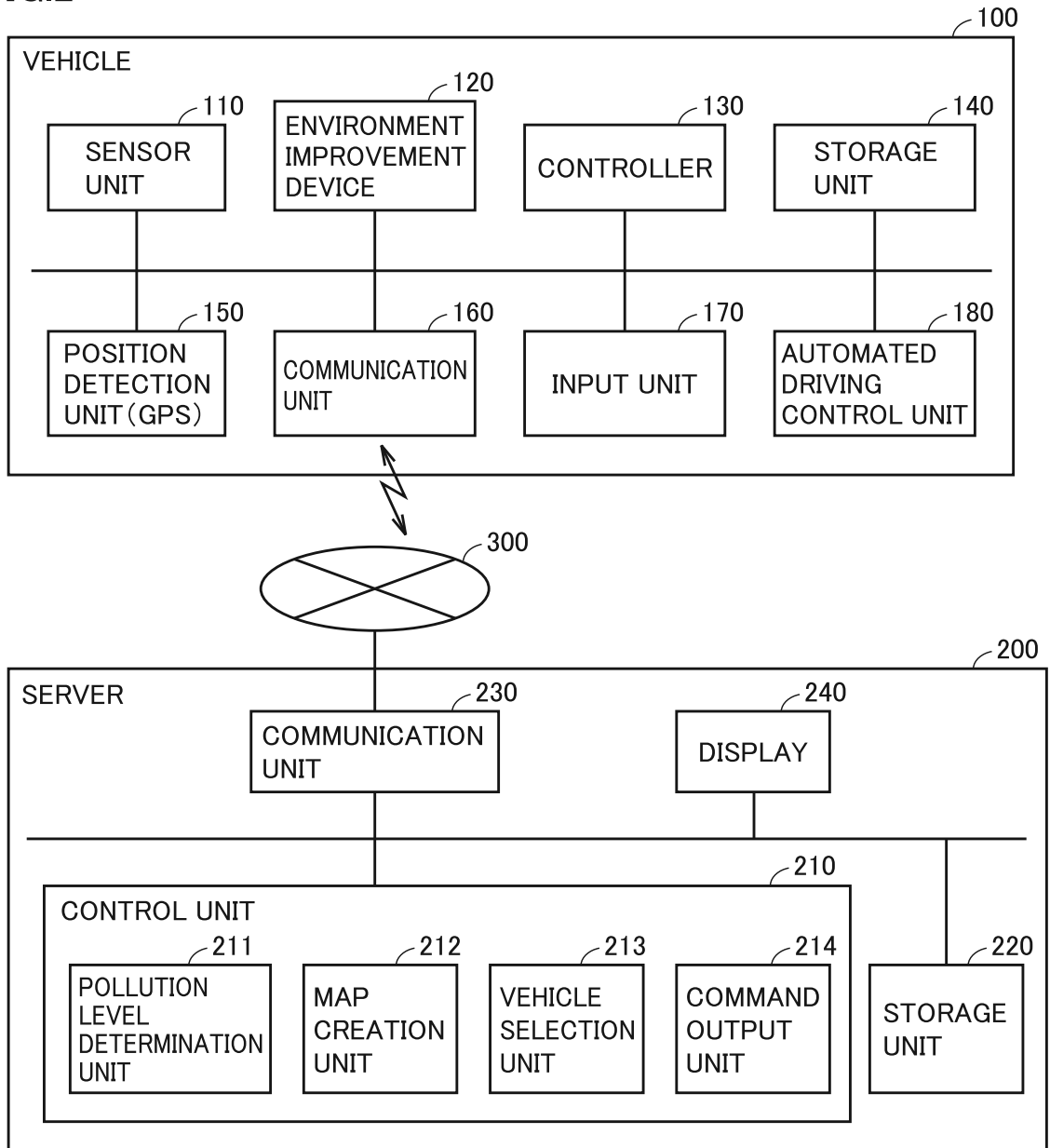


FIG.3

<MODE I>

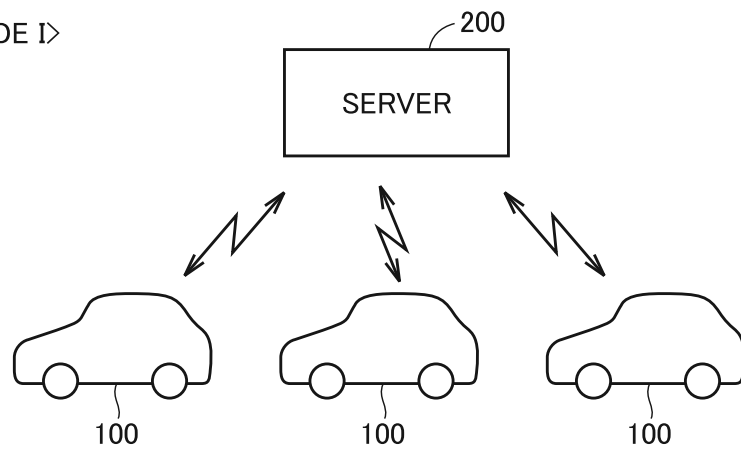


FIG.4

<MODE II>

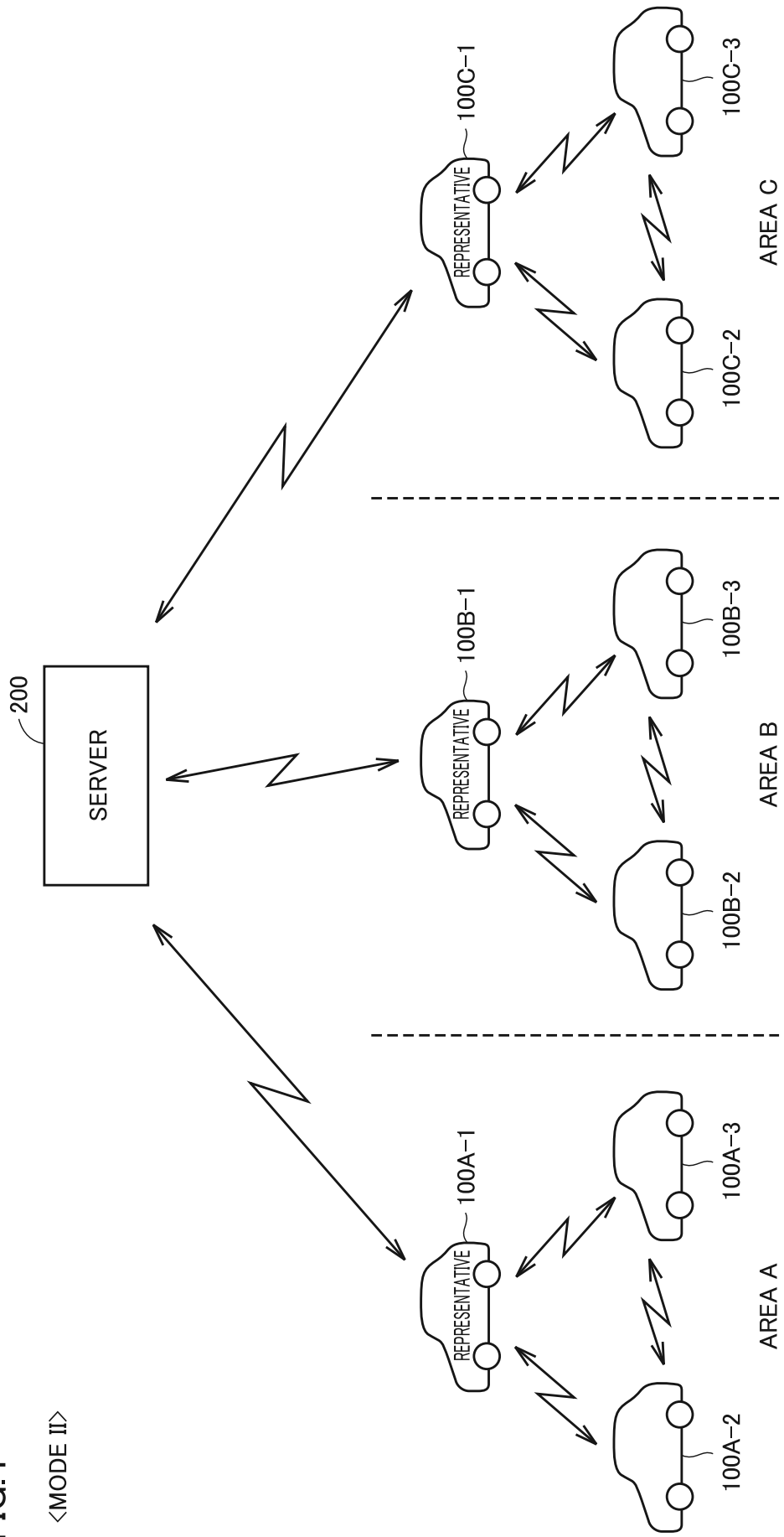


FIG.5

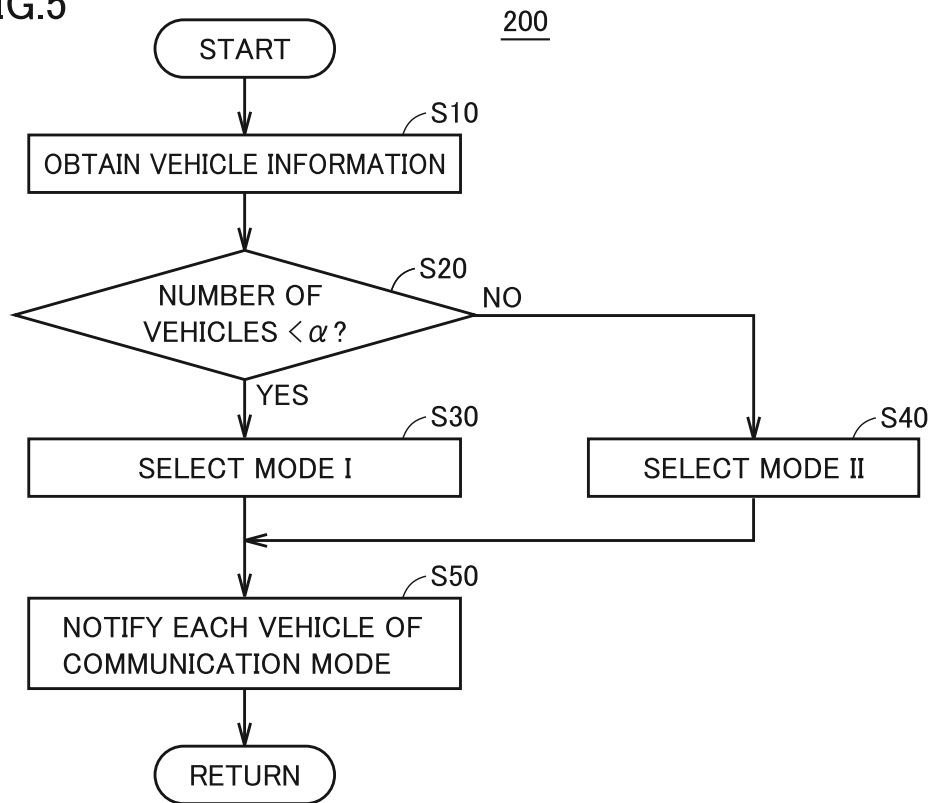


FIG.6

VEHICLE ID	DATE	VEHICLE POSITION	DETECTED CONCENTRATION (ppm)	AVAILABLE TIME PERIOD	POSSIBILITY OF MOVEMENT
A1234	2017/10/20 10:10:20	(X1, Y1, Z1)	10	10:00-14:00	POSSIBLE
A2345	2017/10/20 10:05:30	(X2, Y2, Z2)	20	17:00-24:00	IMPOSSIBLE
B3456	2017/10/20 10:00:40	(X3, Y3, Z3)	100	08:00-15:00	POSSIBLE
C4567	2017/10/20 10:12:35	(X4, Y4, Z4)	5	12:00-15:00	POSSIBLE
D5678	2017/10/20 10:09:00	(X5, Y5, Z5)	60	06:00-10:00	POSSIBLE

FIG.7

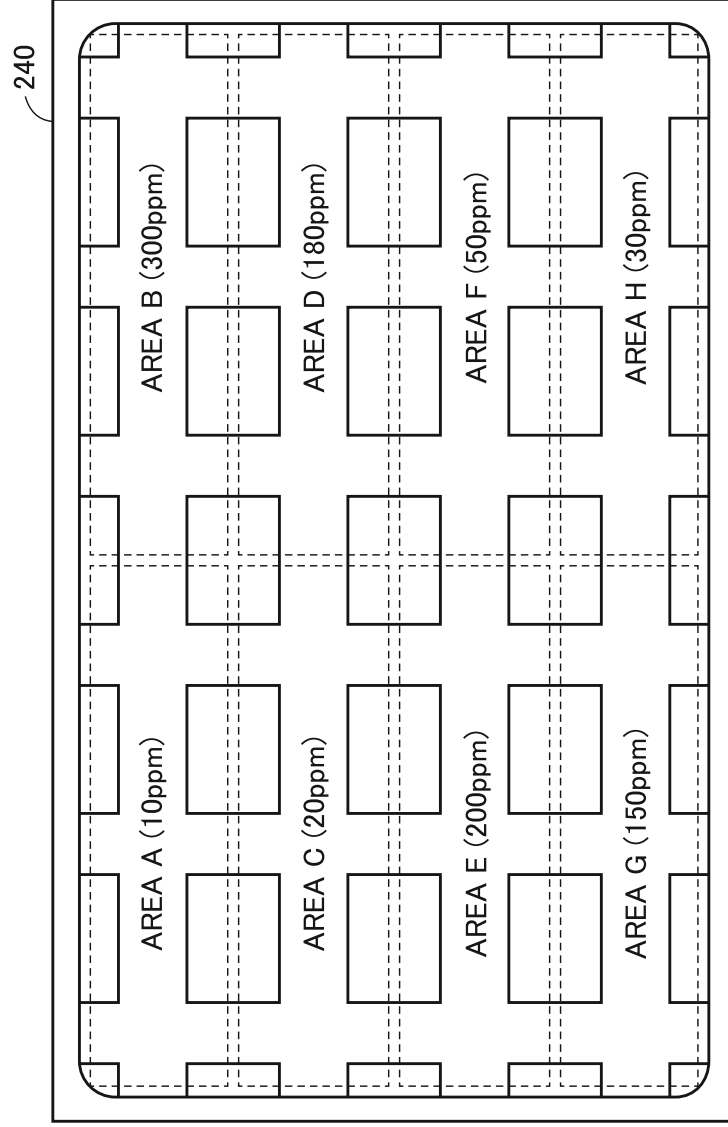


FIG.8

AREA	POLLUTION LEVEL (ppm)	NECESSITY OF IMPROVEMENT	SELECTED VEHICLE ID
A	10	UNNECESSARY	
B	300	NECESSARY	A1234, D5123, F8546, G5564
C	20	UNNECESSARY	
D	180	NECESSARY	B2344, C8542, E4621
E	200	NECESSARY	A6582, M4522, F1223
F	50	UNNECESSARY	
G	150	NECESSARY	C1597, D5547, H2541
H	30	UNNECESSARY	

FIG.9

<MODE I>

VEHICLE ID	AREA	MOVEMENT POSITION	OPERATION MANNER
A1234	A	(X6, Y6, Z6)	STOP
D5123	A	(X7, Y7, Z7)	TRAVEL
F8546	A	(X8, Y8, Z8)	TRAVEL
G5564	A	(X9, Y9, Z9)	TRAVEL
B2344	D	(X10, Y10, Z10)	STOP
C8542	D	(X11, Y11, Z11)	TRAVEL
C1597	G	(X16, Y16, Z16)	TRAVEL
D5547	G	(X17, Y17, Z17)	TRAVEL
H2541	G	(X18, Y18, Z18)	TRAVEL

FIG.10

<MODE I>

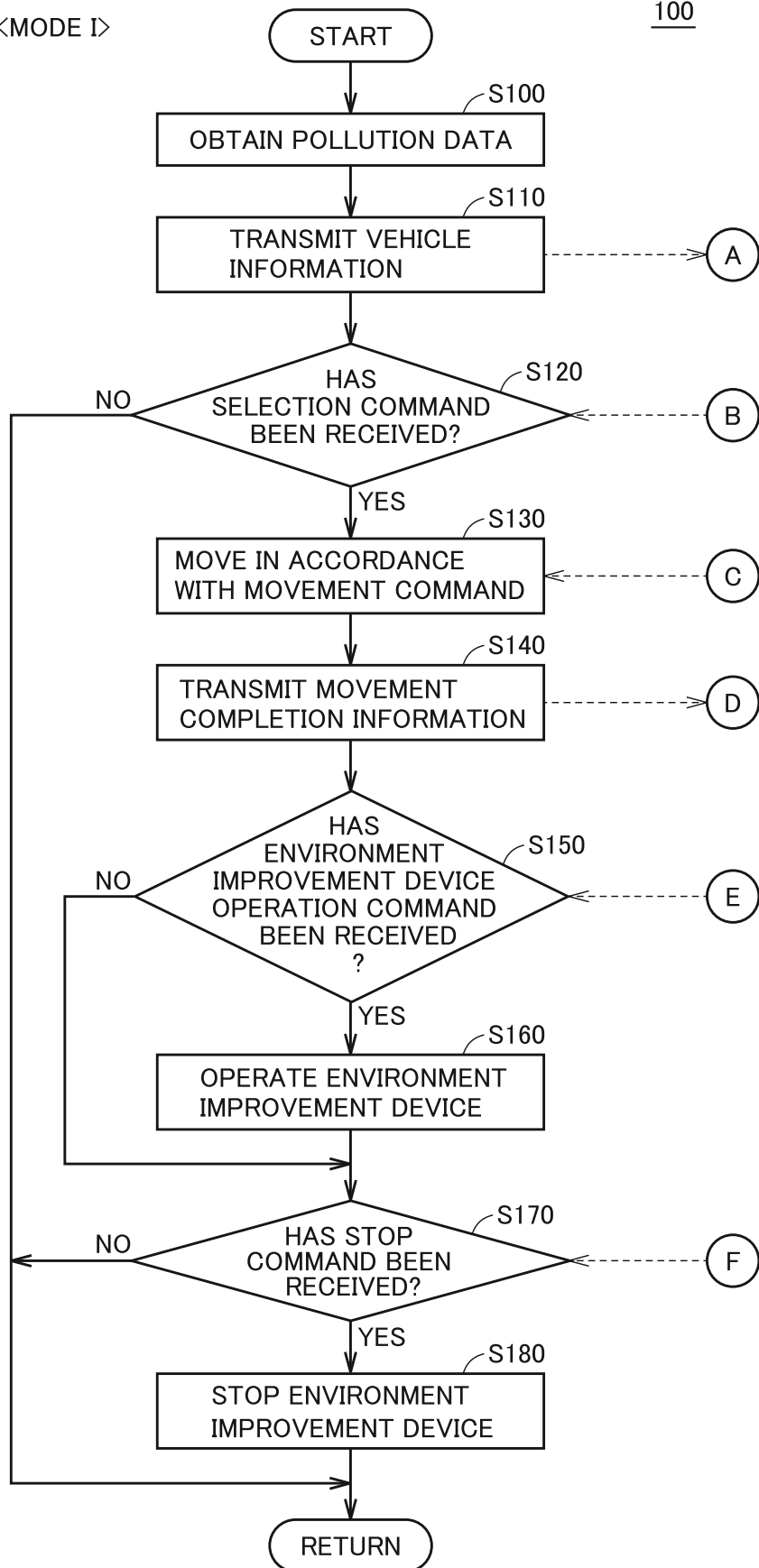
100

FIG.11

<MODE I>

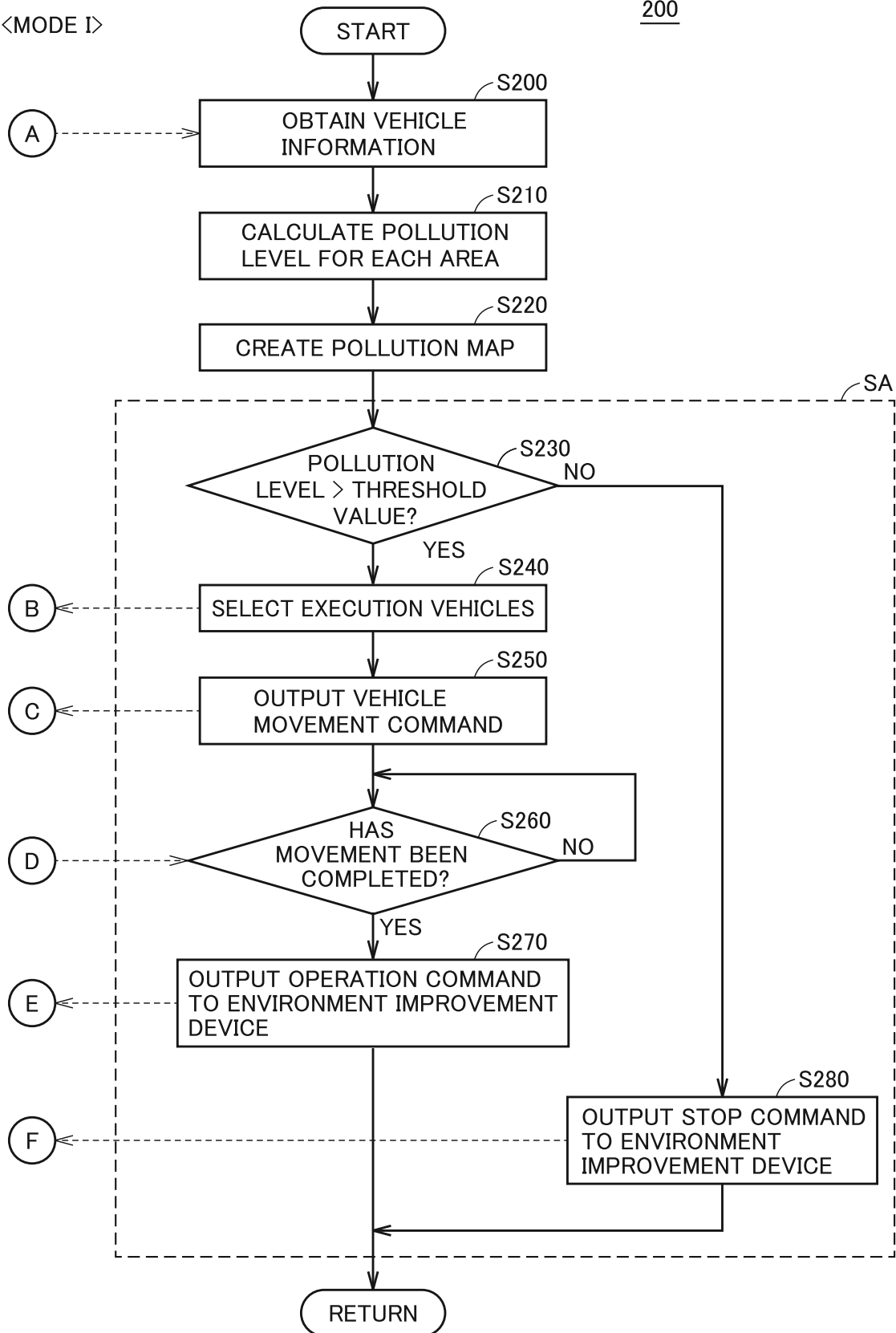
200

FIG.12

<MODE II>

VEHICLE ID	AREA	MOVEMENT POSITION	OPERATION MANNER	REPRESENTATIVE
A1234	A	(X6, Y6, Z6)	STOP	○
D5123	A	(X7, Y7, Z7)	TRAVEL	—
F8546	A	(X8, Y8, Z8)	TRAVEL	—
G5564	A	(X9, Y9, Z9)	TRAVEL	—

FIG.13

<MODE II>

