FIG. 1

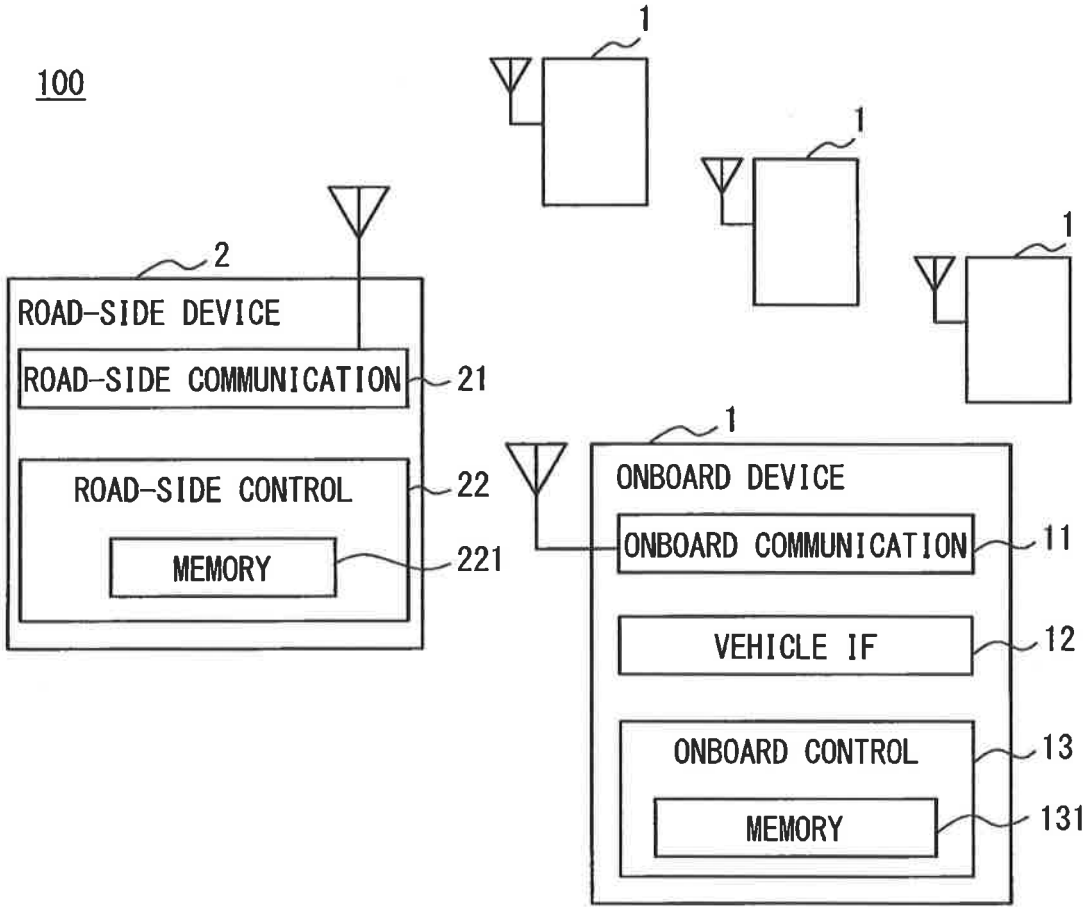
100
1
1
1
2
ROAD-SIDE DEVICE
ROAD-SIDE COMMUNICATION
21
ROAD-SIDE CONTROL
22
MEMORY
221
1
ONBOARD DEVICE
ONBOARD COMMUNICATION
11
VEHICLE IF
12
ONBOARD CONTROL
13
MEMORY
131

FIG. 2

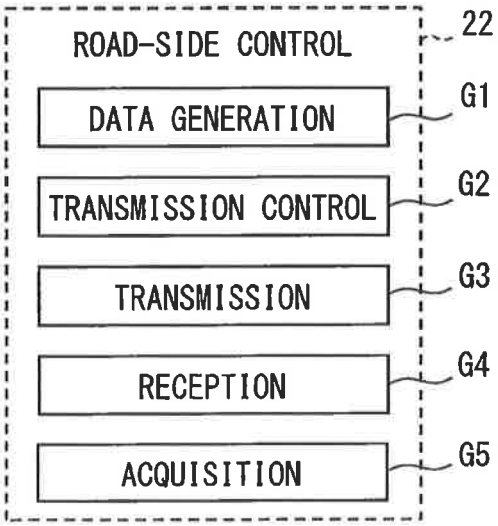
ROAD-SIDE CONTROL
22
DATA GENERATION
G1
TRANSMISSION CONTROL
G2
TRANSMISSION
G3
RECEPTION
G4
ACQUISITION
G5

FIG. 3A

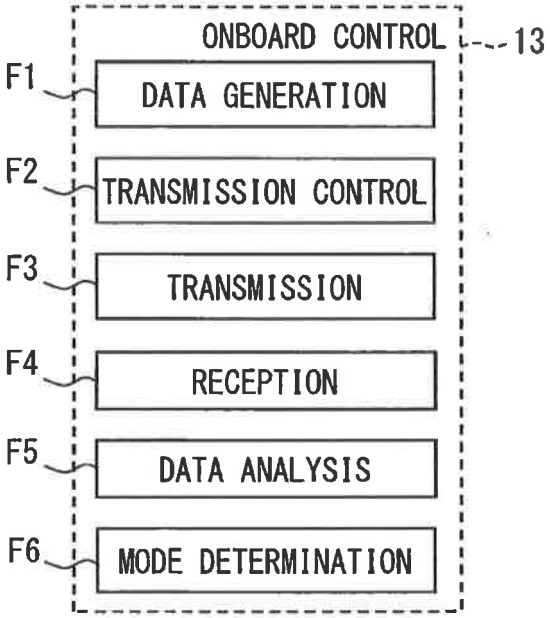

FIG. 3B

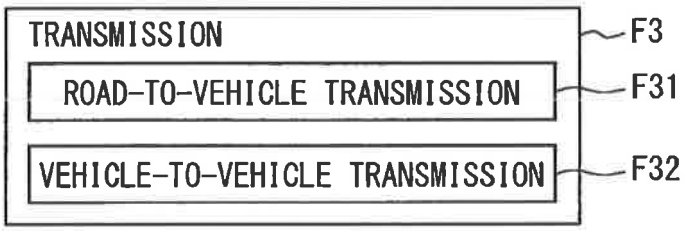

FIG. 3C

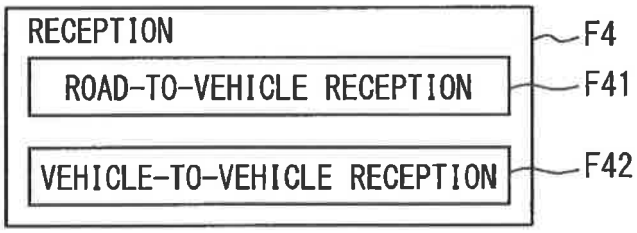

FIG. 3D

FIG. 4

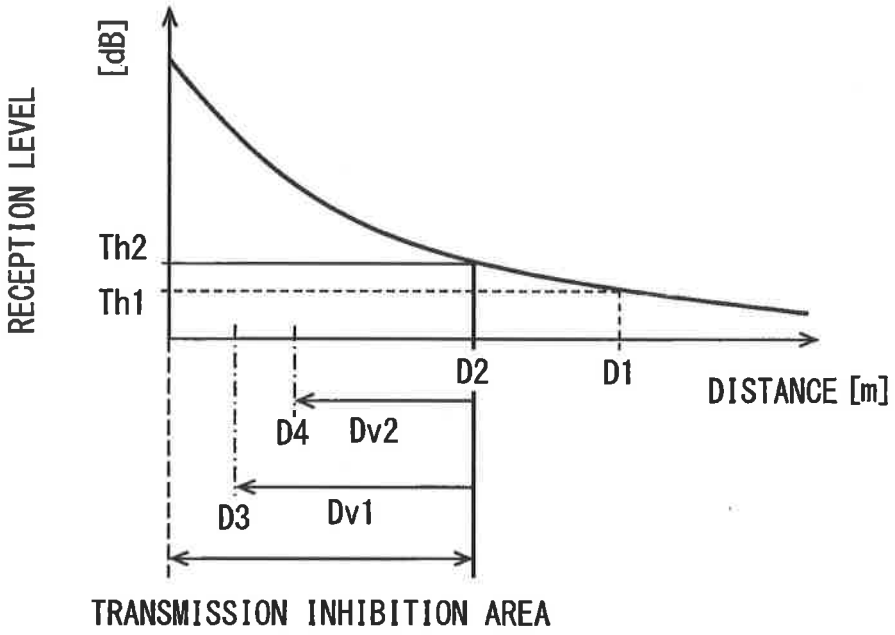
RECEPTION LEVEL
[dB]
Th2
Th1
D2
D1
DISTANCE [m]
D4
Dv2
D3
Dv1
TRANSMISSION INHIBITION AREA

FIG. 5

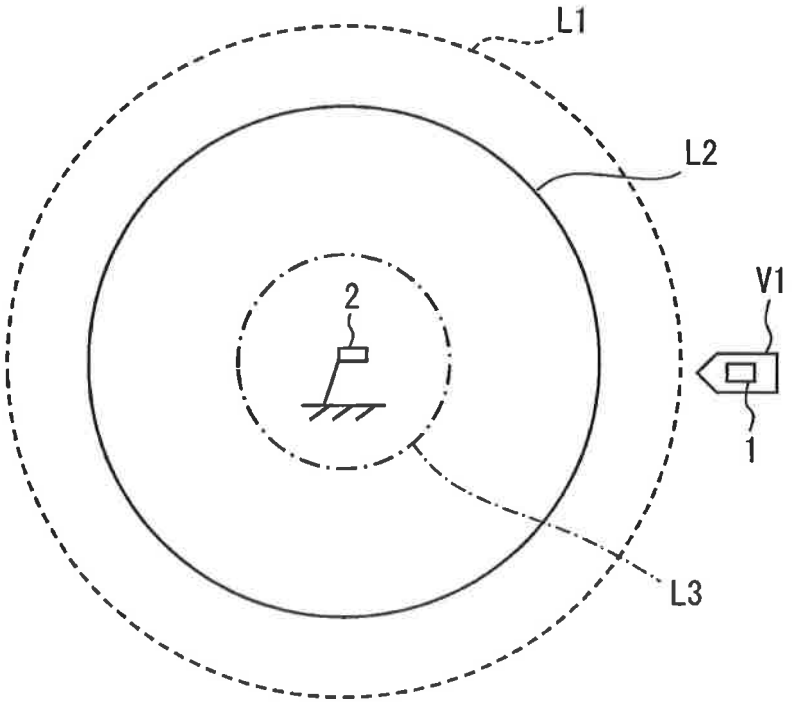
L1
L2
2
V1
1
L3

FIG. 6

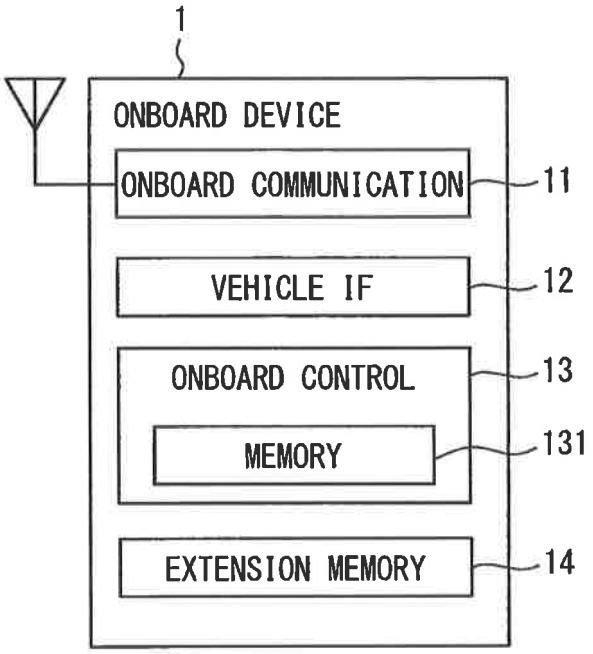
1
ONBOARD DEVICE
ONBOARD COMMUNICATION
11
VEHICLE IF
12
ONBOARD CONTROL
13
MEMORY
131
EXTENSION MEMORY
14

FIG. 7

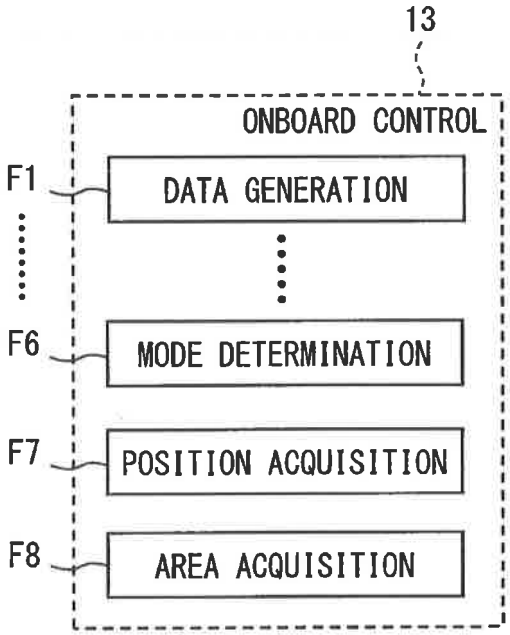
13
ONBOARD CONTROL
F1
DATA GENERATION
F6
MODE DETERMINATION
F7
POSITION ACQUISITION
F8
AREA ACQUISITION

FIG. 8

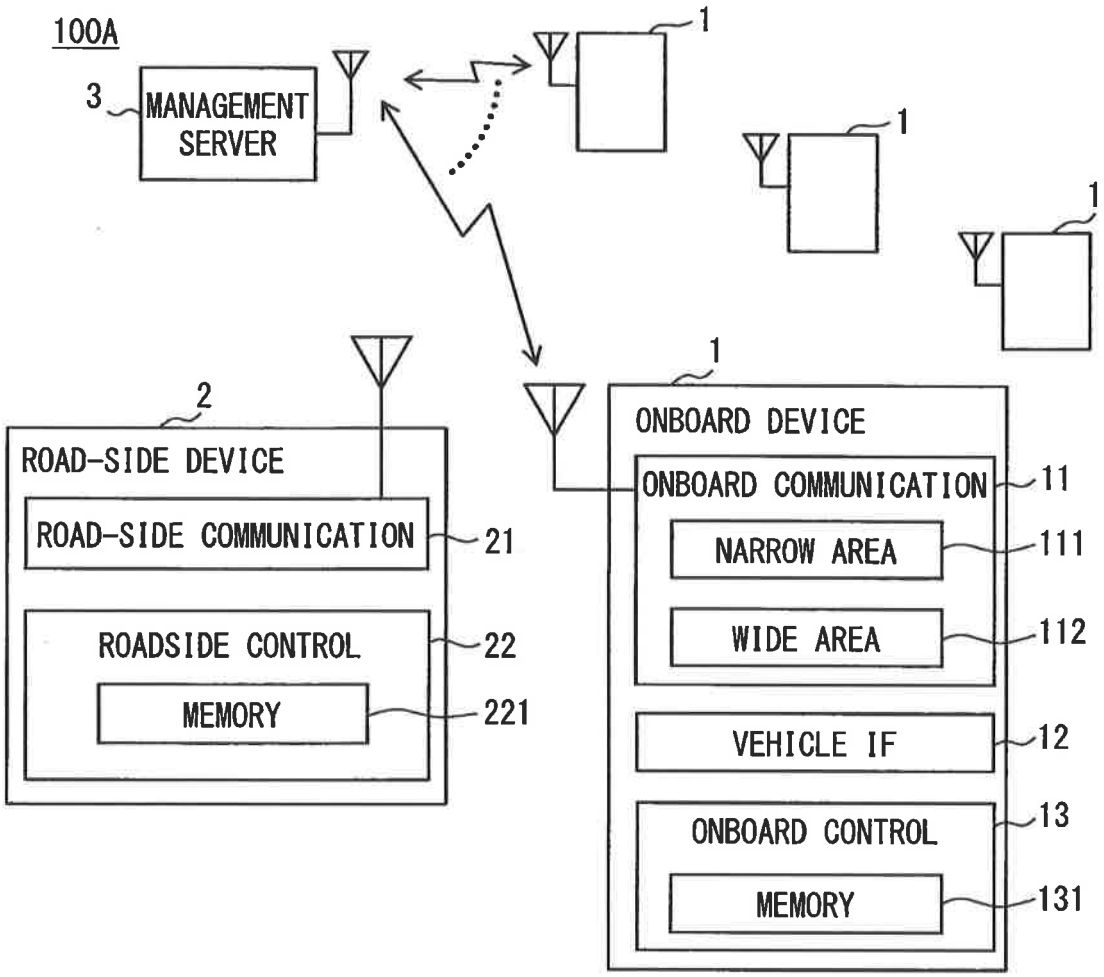

FIG. 9A

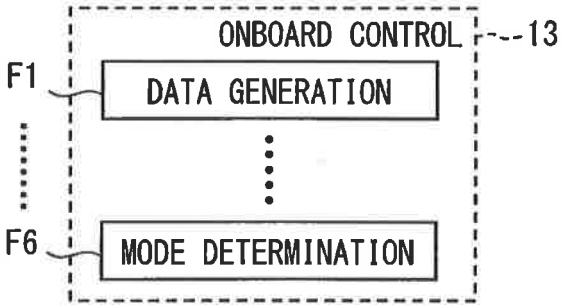

FIG. 9B