FIG.1

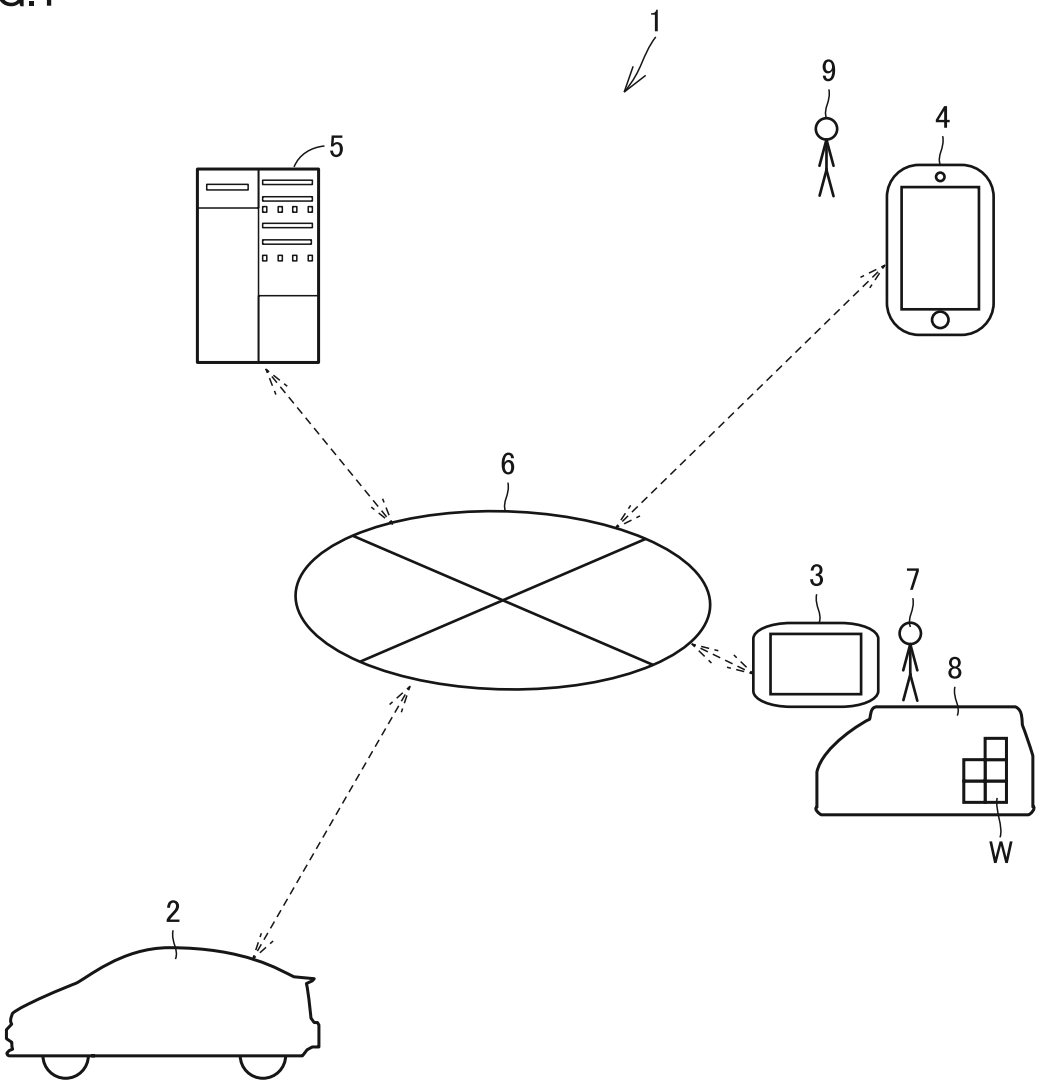

FIG.2

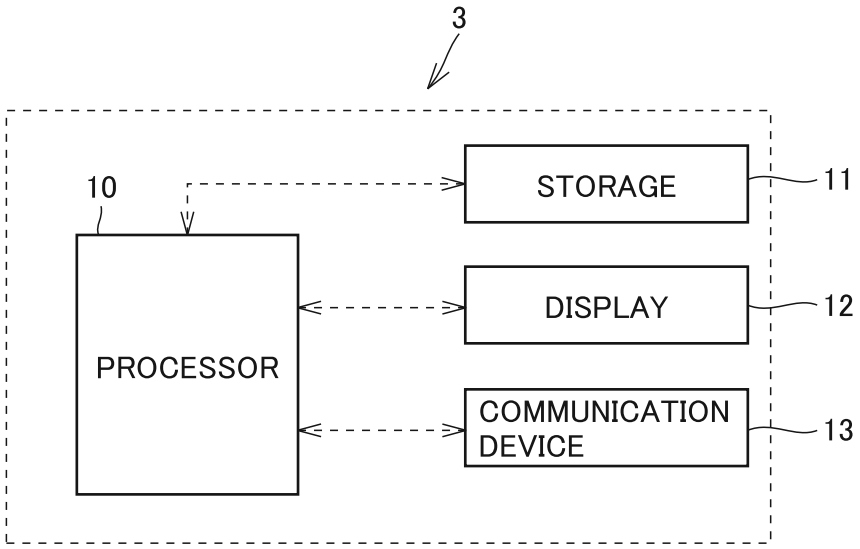
3
10
STORAGE
11
PROCESSOR
DISPLAY
12
COMMUNICATION DEVICE
13

FIG.3

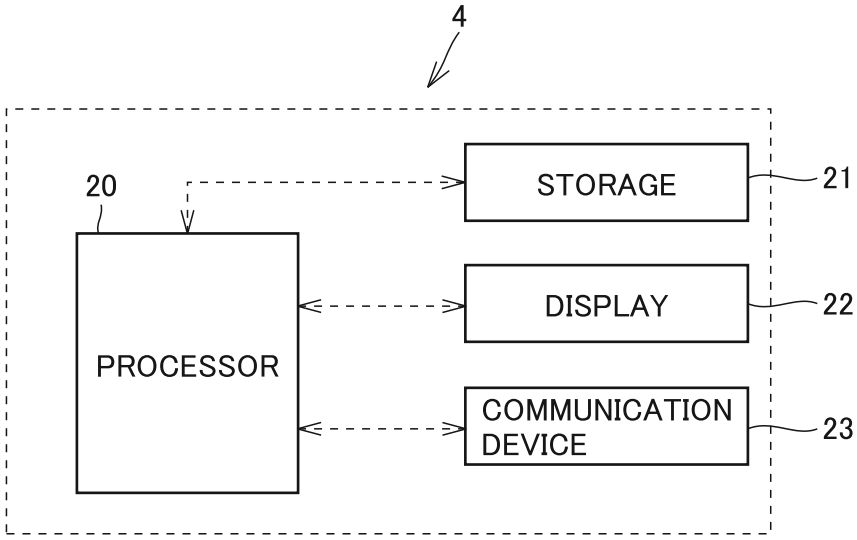
4
20
STORAGE
21
PROCESSOR
DISPLAY
22
COMMUNICATION DEVICE
23

FIG.4

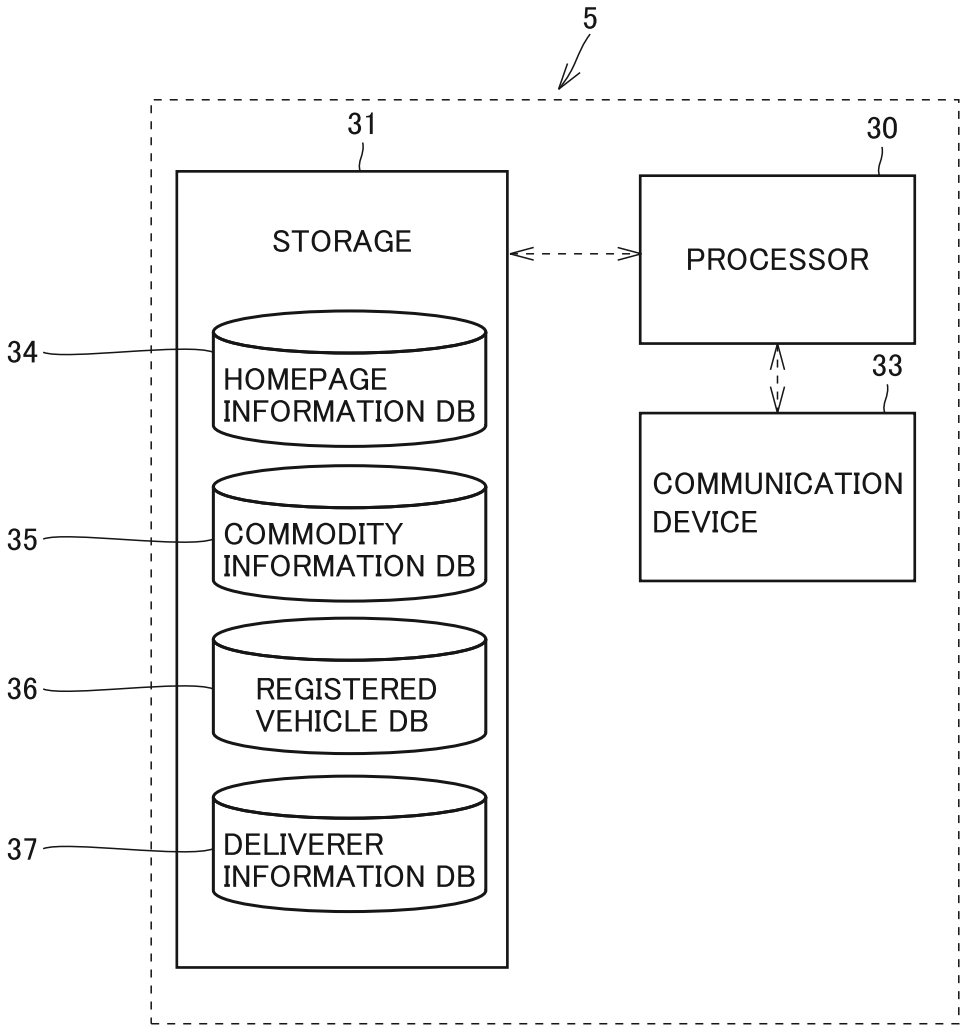
5
31
30
STORAGE
PROCESSOR
34
HOMEPAGE INFORMATION DB
33
COMMUNICATION DEVICE
35
COMMODITY INFORMATION DB
36
REGISTERED VEHICLE DB
37
DELIVERER INFORMATION DB

FIG.5

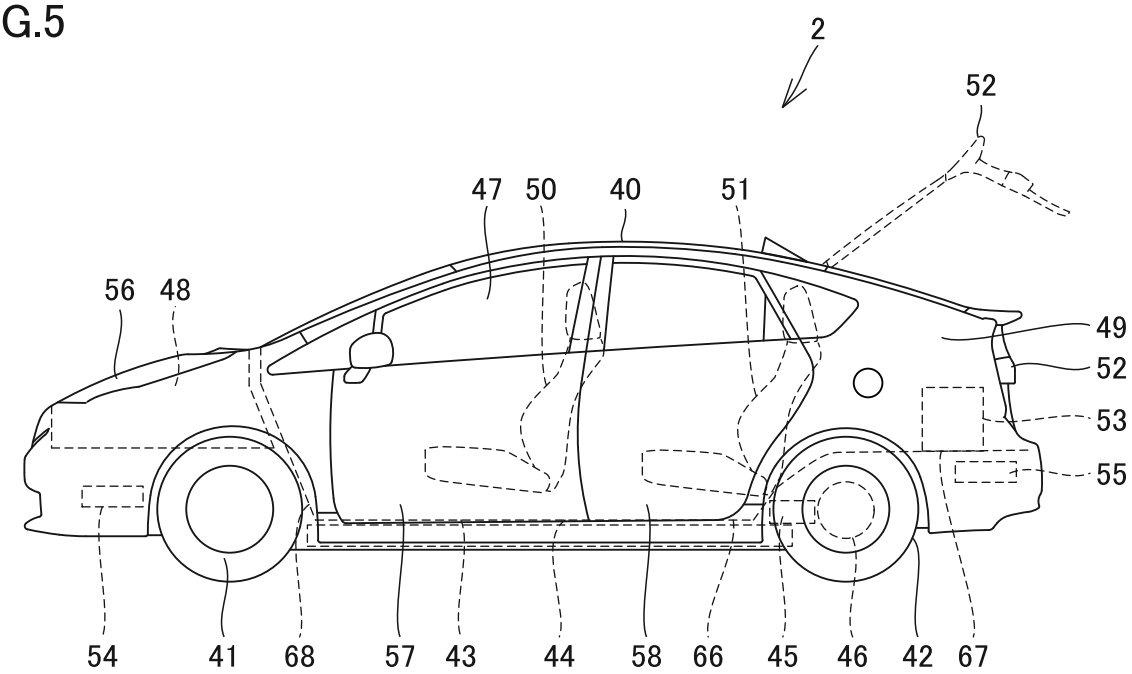
2
52
47
50
40
51
56
48
49
52
53
55
54
41
68
57
43
44
58
66
45
46
42
67

FIG.6

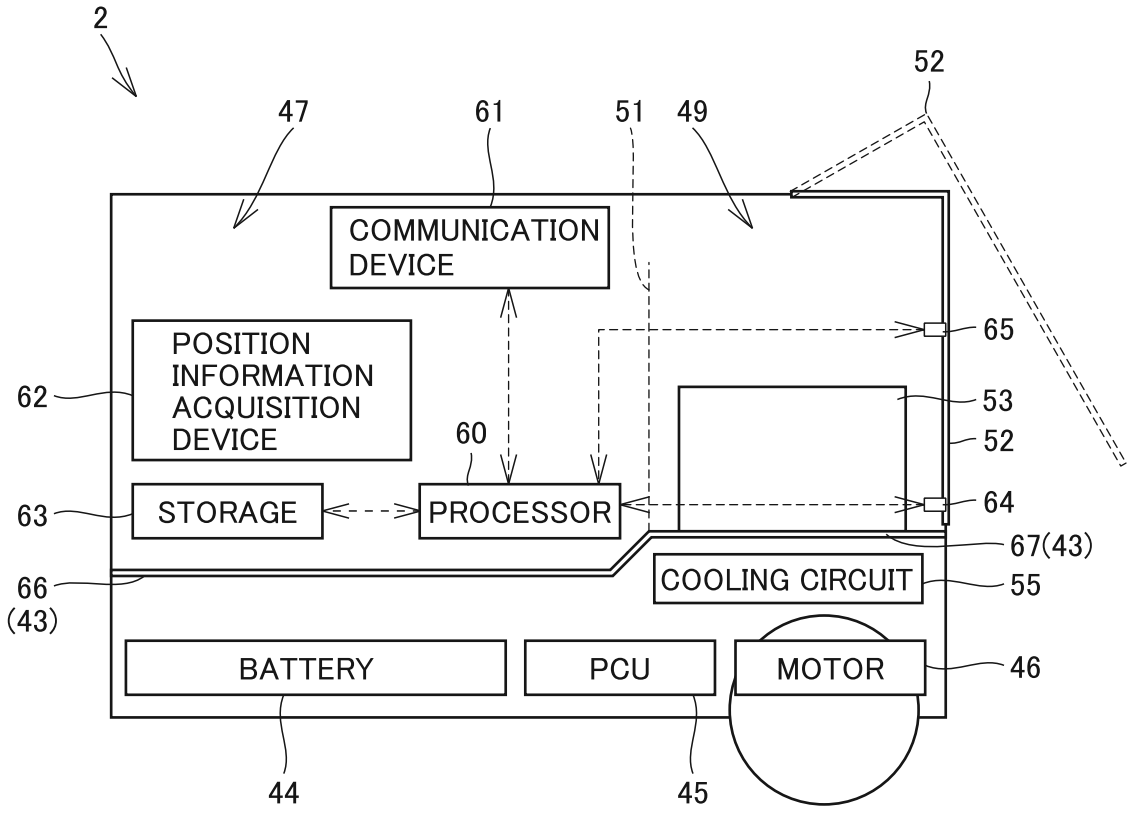
2
52
47
61
51
49
COMMUNICATION DEVICE
65
POSITION INFORMATION ACQUISITION DEVICE
62
53
60
52
63
STORAGE
PROCESSOR
64
67(43)
66
(43)
COOLING CIRCUIT
55
BATTERY
PCU
MOTOR
46
44
45

FIG.7

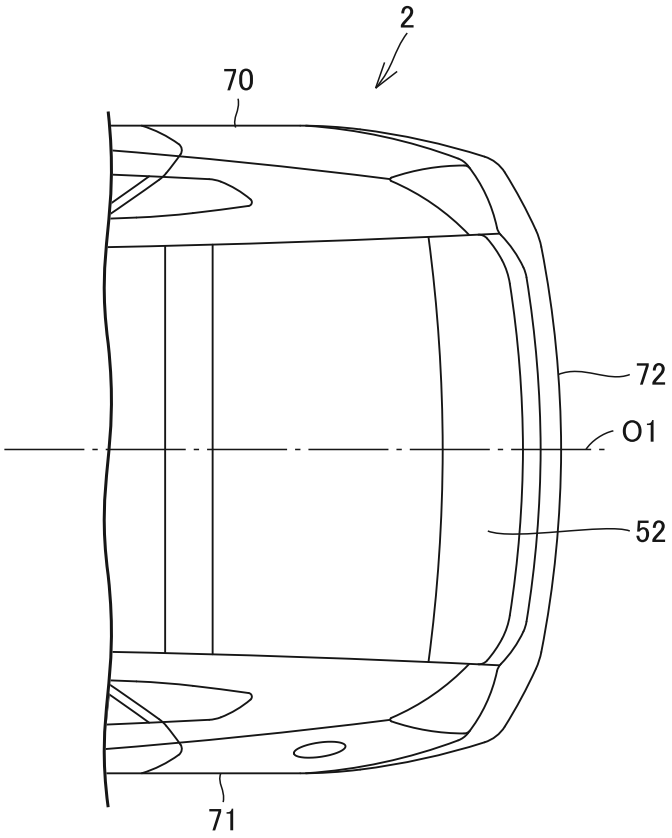

FIG.8

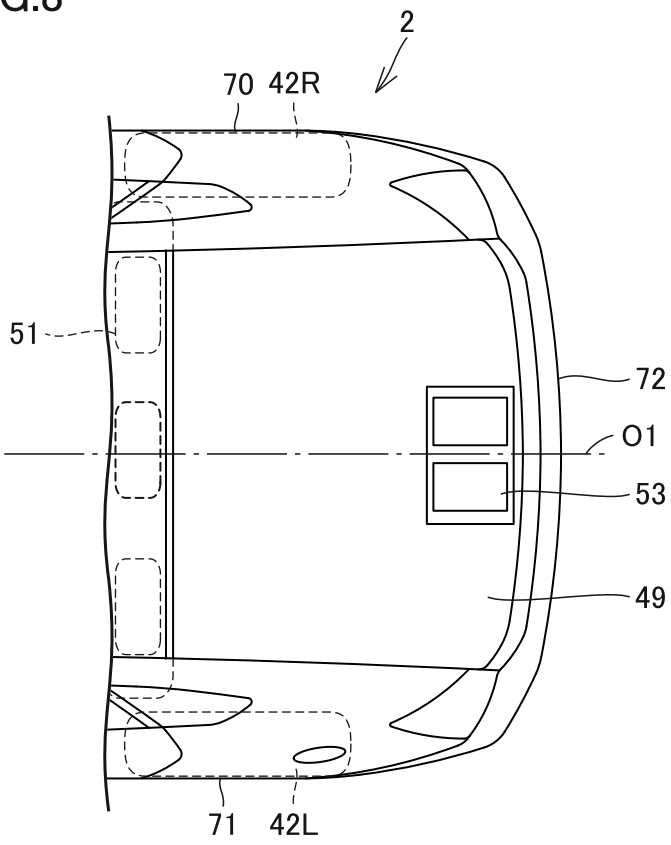

FIG.9

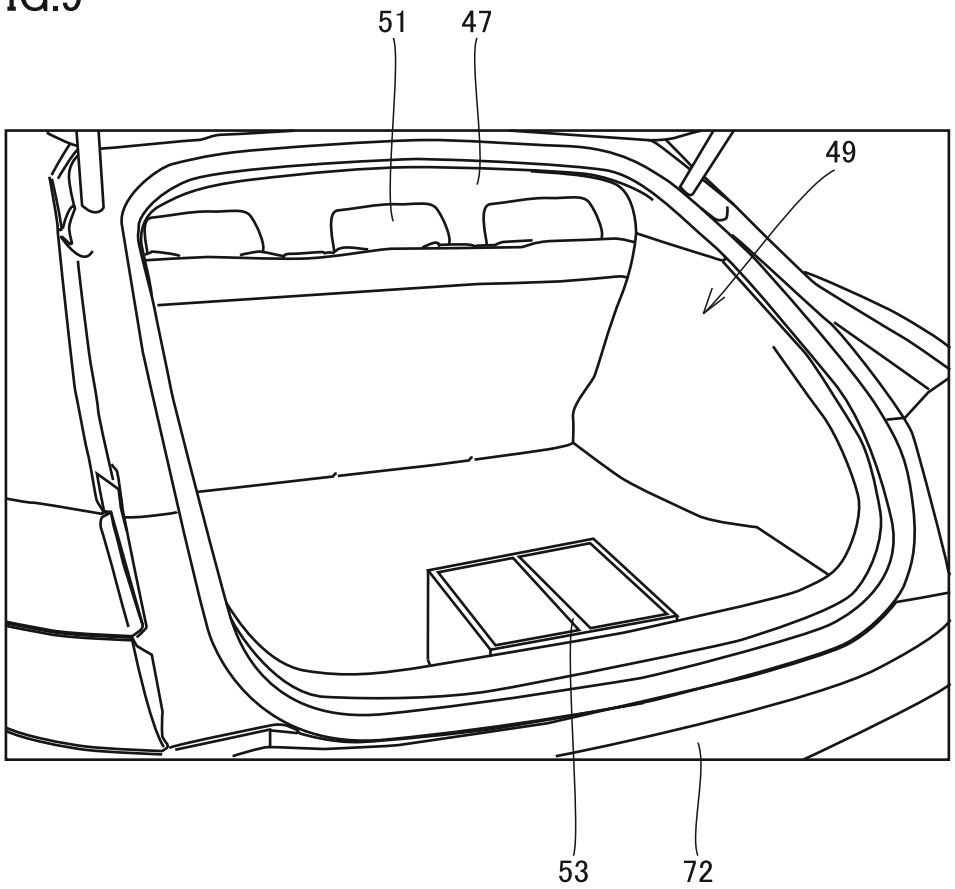

FIG.10

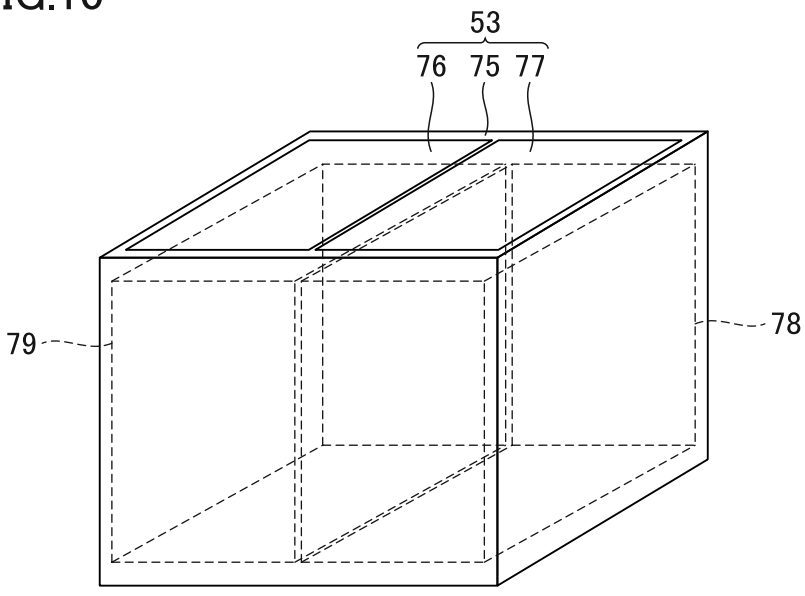

FIG.11

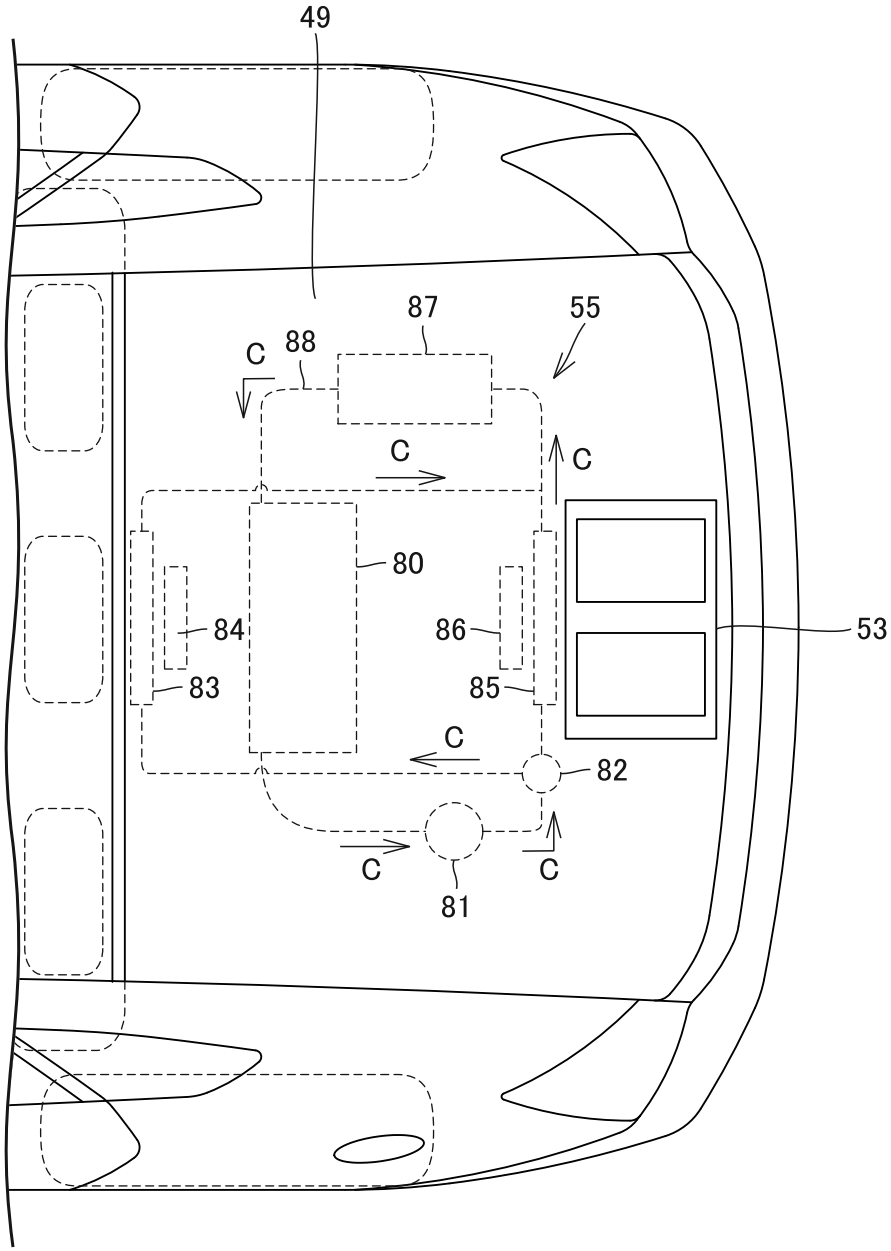

FIG.12

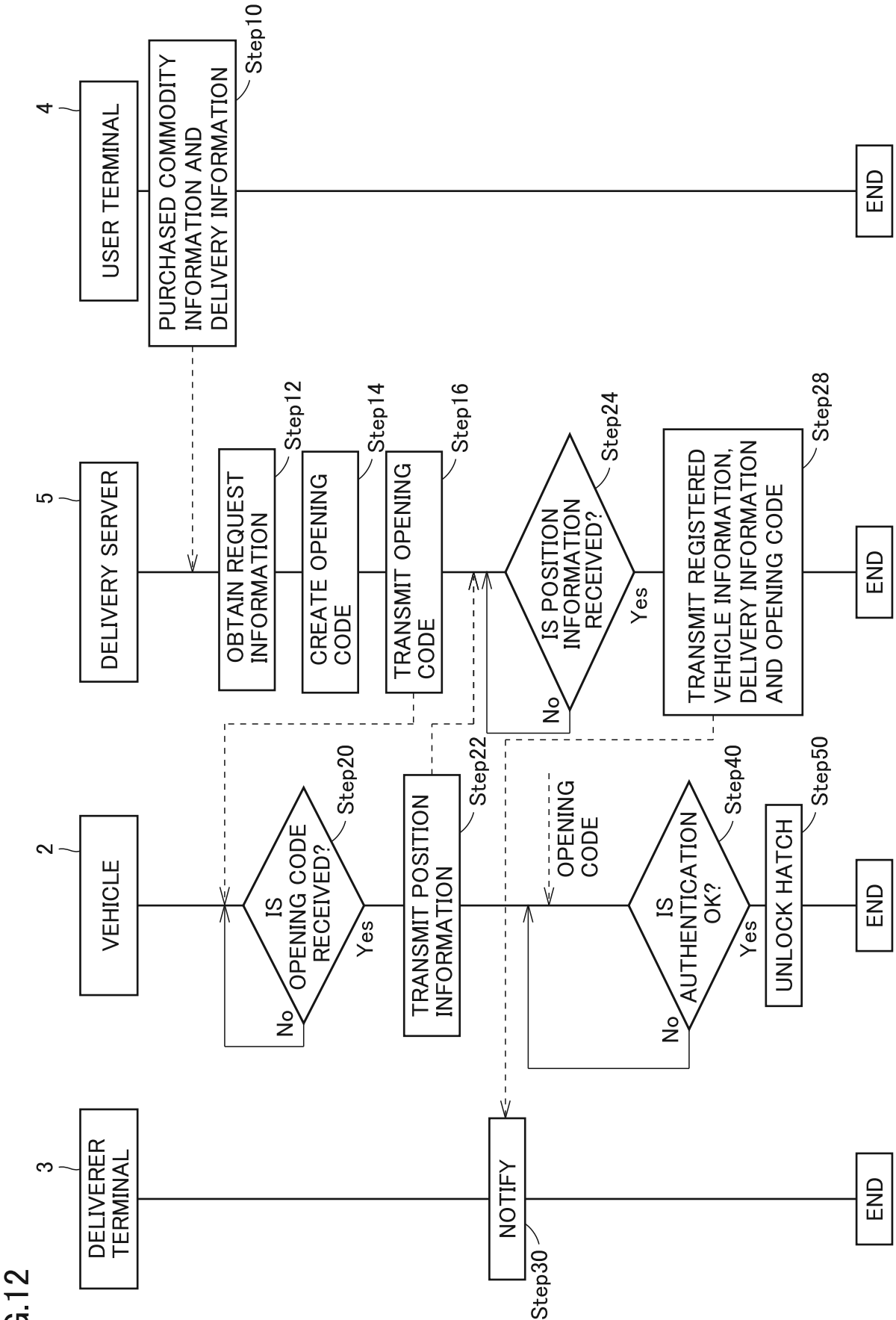
4
USER TERMINAL
PURCHASED COMMODITY INFORMATION AND DELIVERY INFORMATION
Step10
END
5
DELIVERY SERVER
OBTAIN REQUEST INFORMATION
Step12
CREATE OPENING CODE
Step14
TRANSMIT OPENING CODE
Step16
IS POSITION INFORMATION RECEIVED?
Step24
No
Yes
TRANSMIT REGISTERED VEHICLE INFORMATION, DELIVERY INFORMATION AND OPENING CODE
Step28
END
2
VEHICLE
IS OPENING CODE RECEIVED?
Step20
No
Yes
TRANSMIT POSITION INFORMATION
Step22
OPENING CODE
IS AUTHENTICATION OK?
Step40
No
Yes
UNLOCK HATCH
Step50
END
3
DELIVERER TERMINAL
NOTIFY
Step30
END

FIG.13

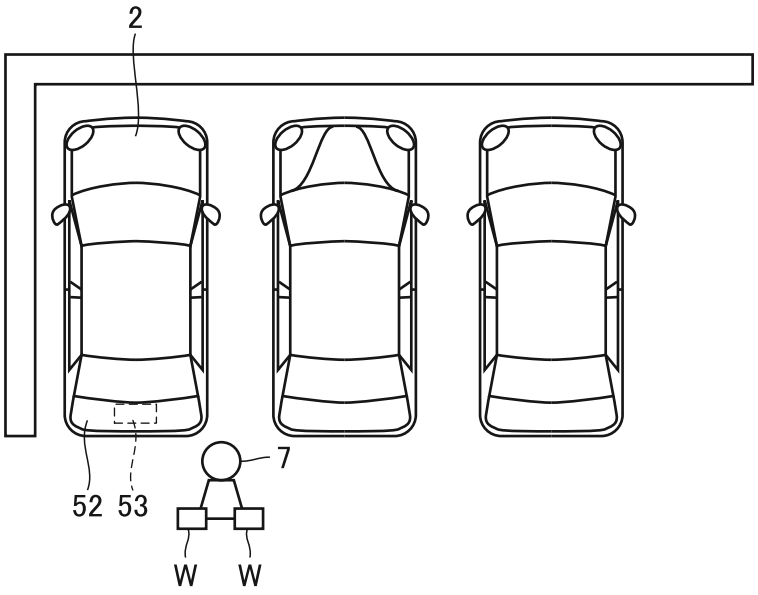

FIG.14

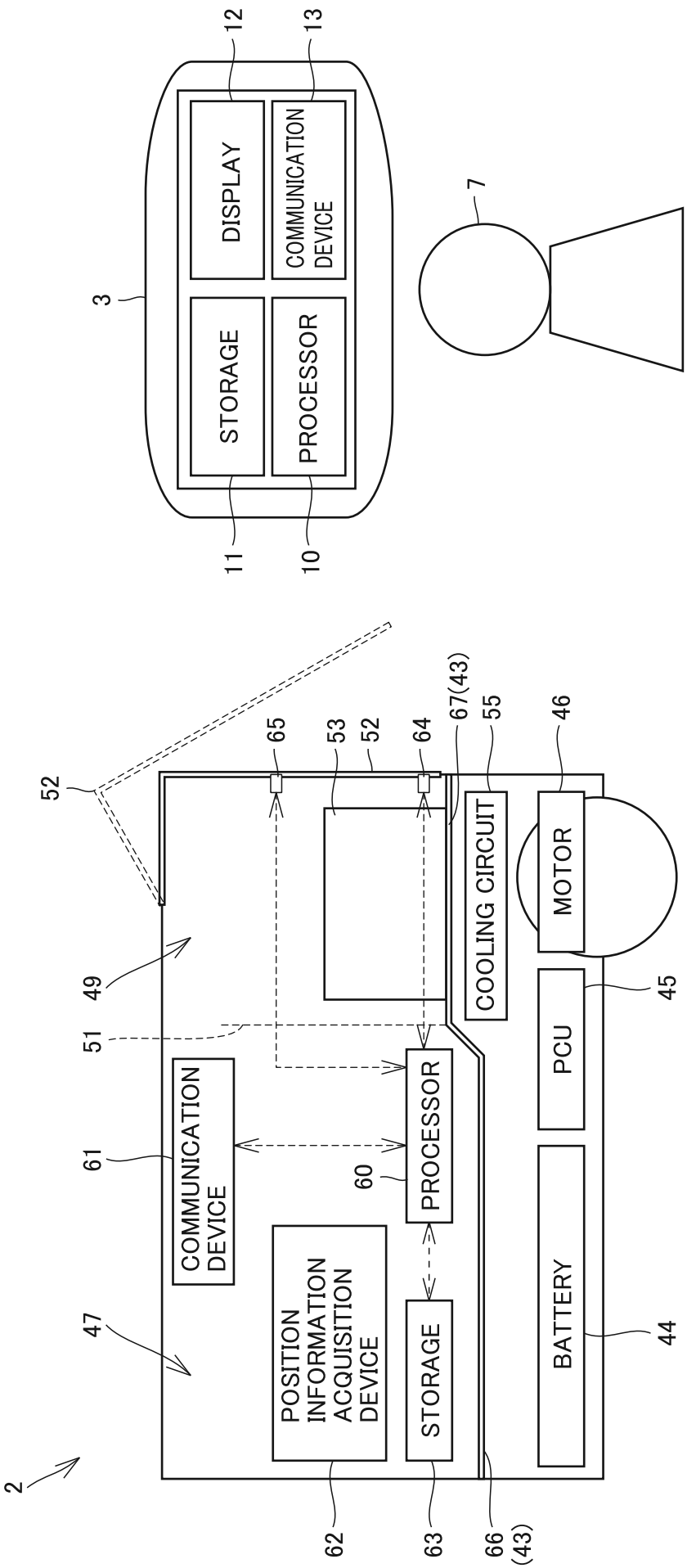
3
12
13
DISPLAY
COMMUNICATION DEVICE
STORAGE
PROCESSOR
11
10
7
2
52
65
53
52
64
67(43)
55
46
49
51
COOLING CIRCUIT
MOTOR
45
PCU
61
COMMUNICATION DEVICE
60
PROCESSOR
47
POSITION INFORMATION ACQUISITION DEVICE
STORAGE
BATTERY
44
62
63
66 (43)

FIG.15

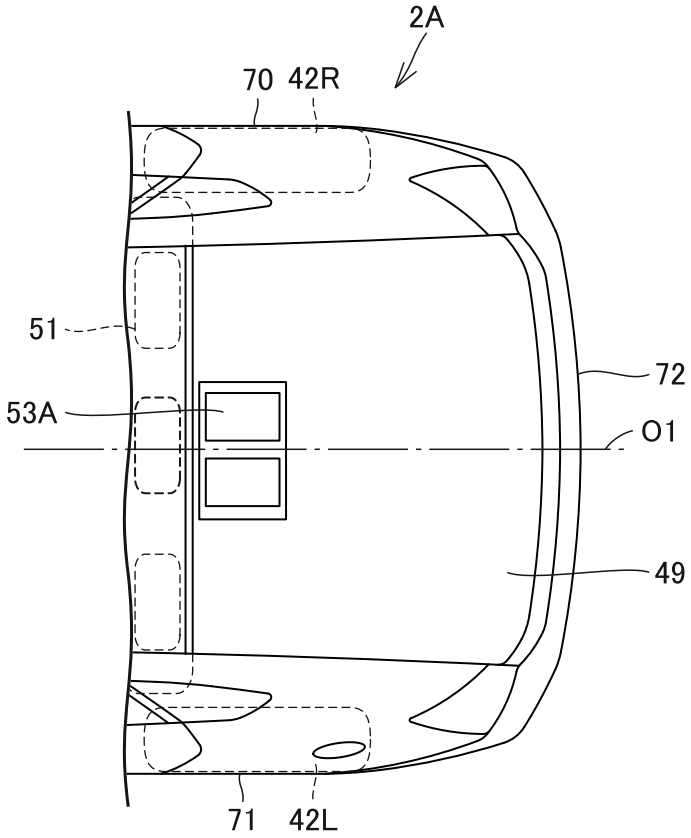

FIG.16

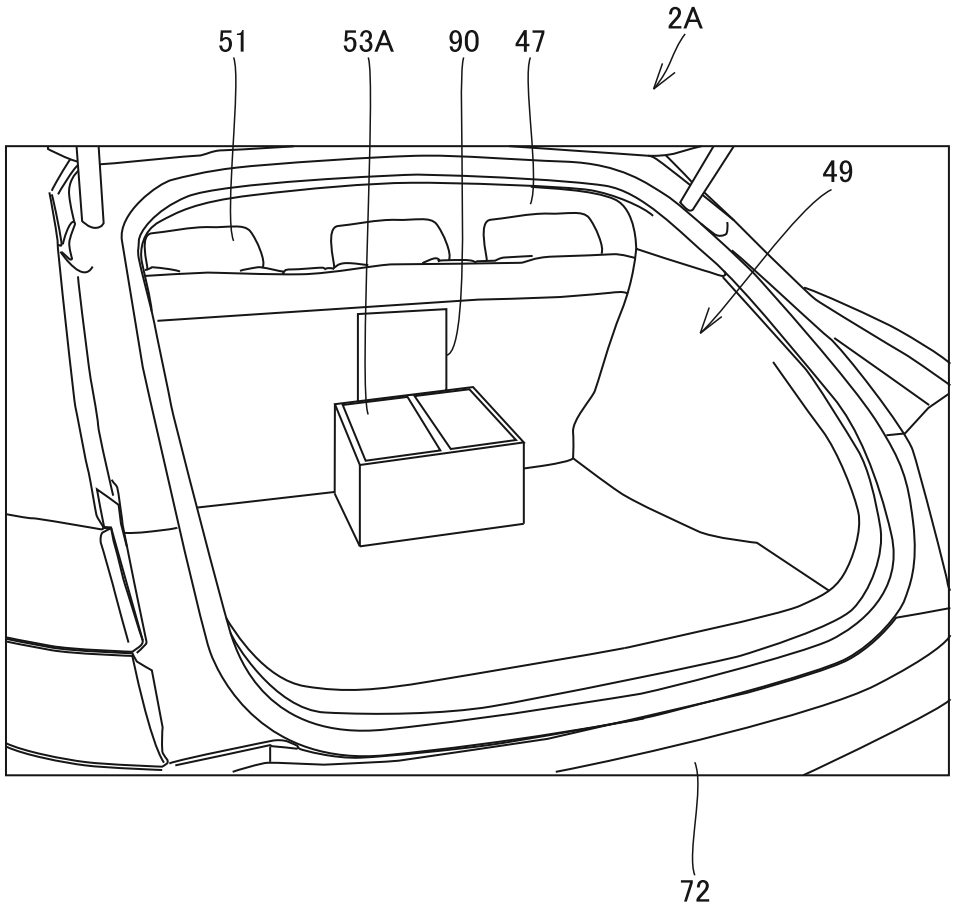

FIG.17

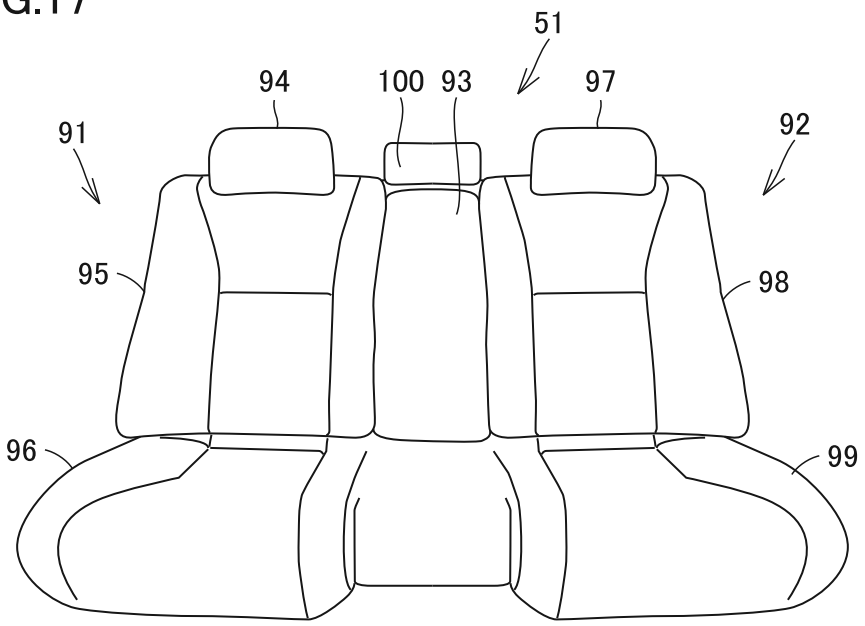

FIG.18

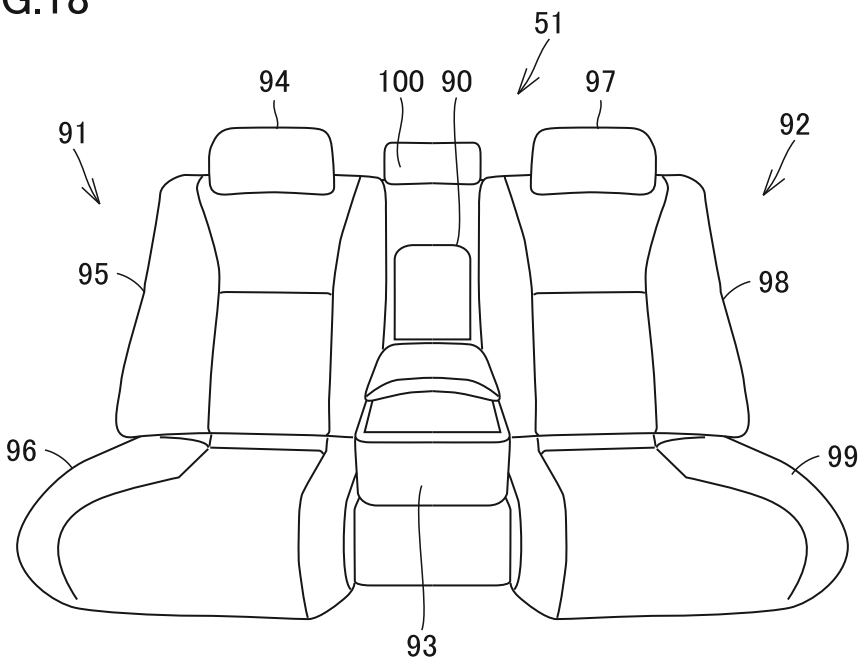

FIG.19

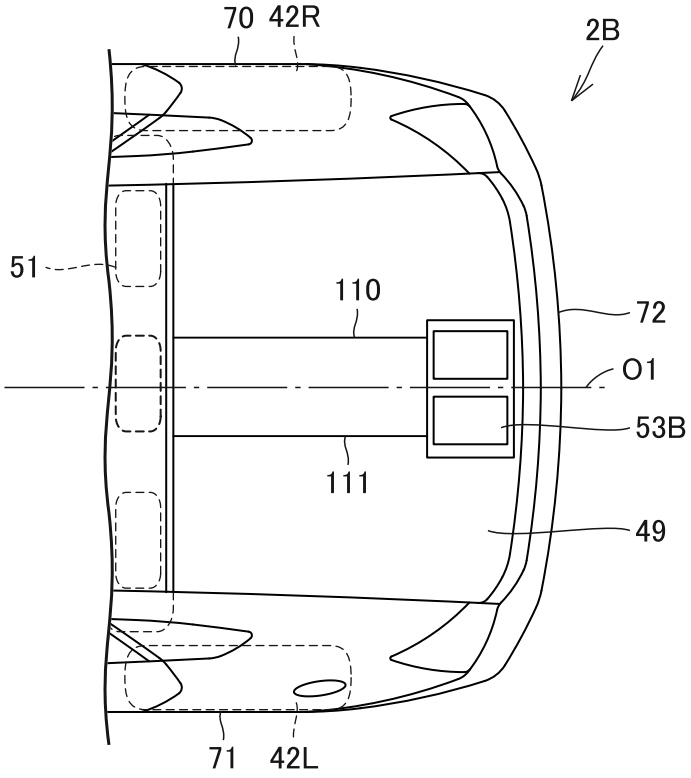

FIG.20

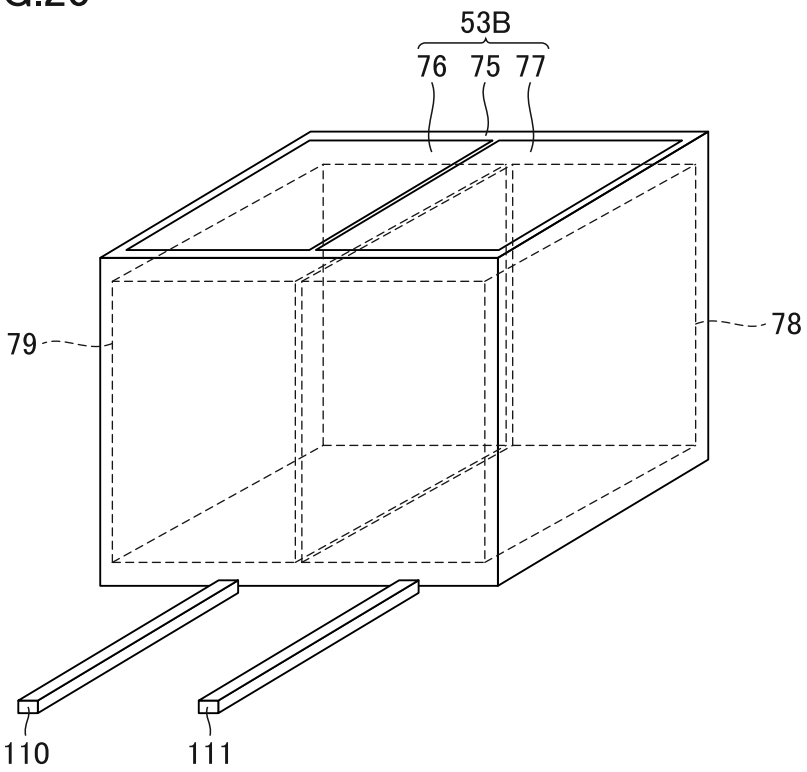

FIG.21

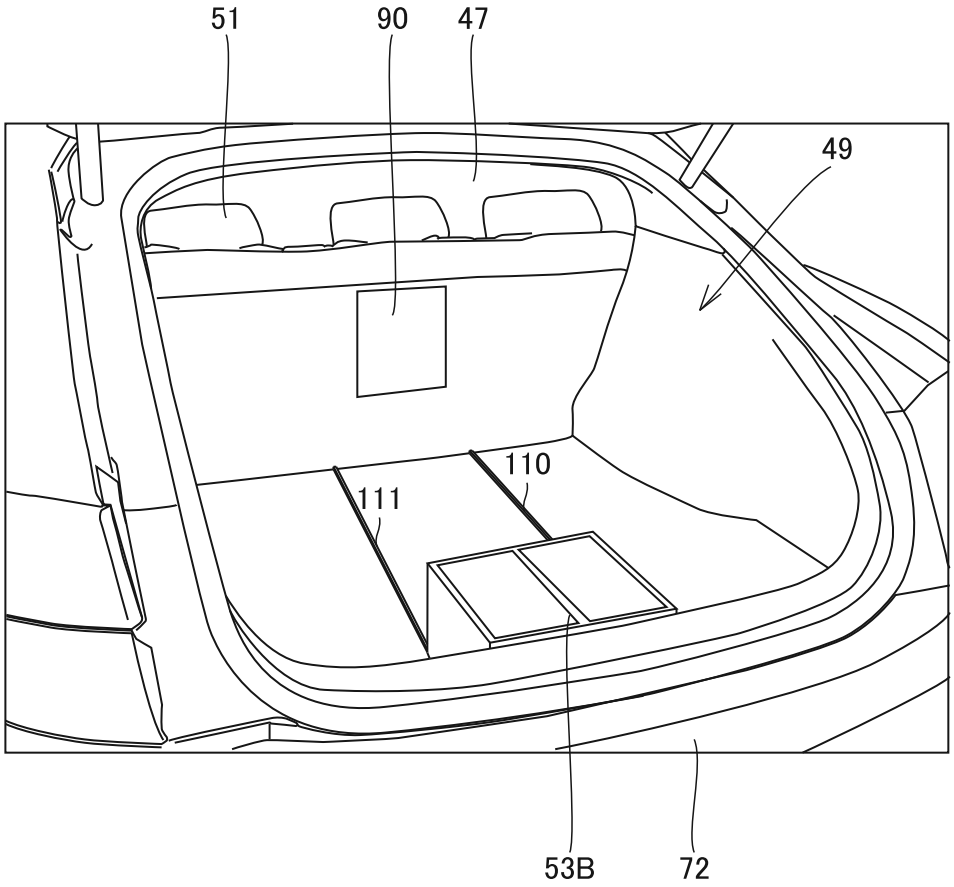

FIG.22

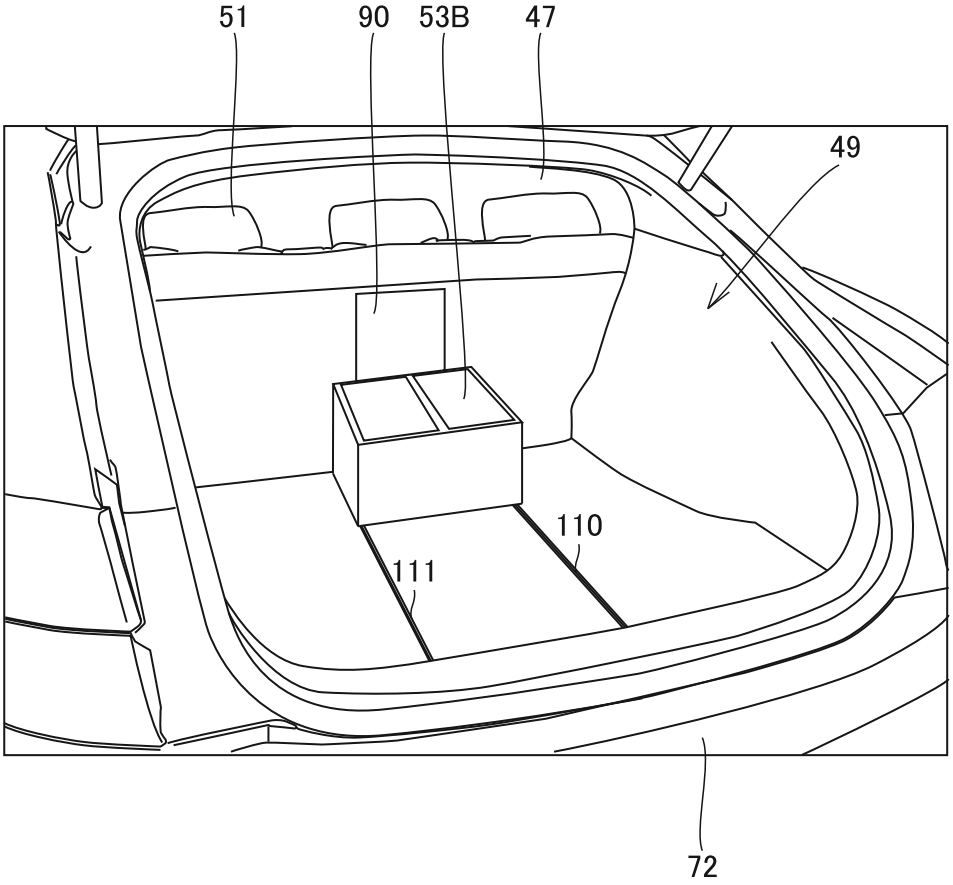

FIG.23

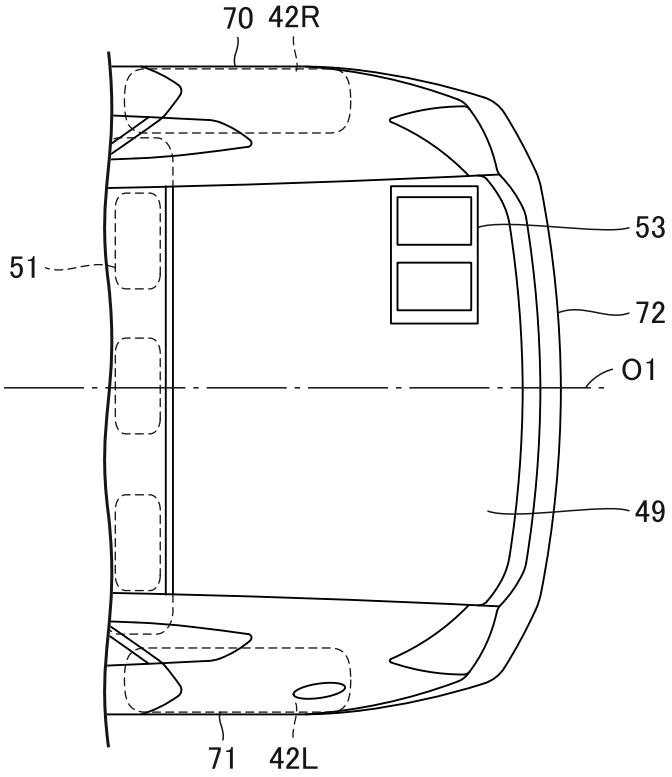
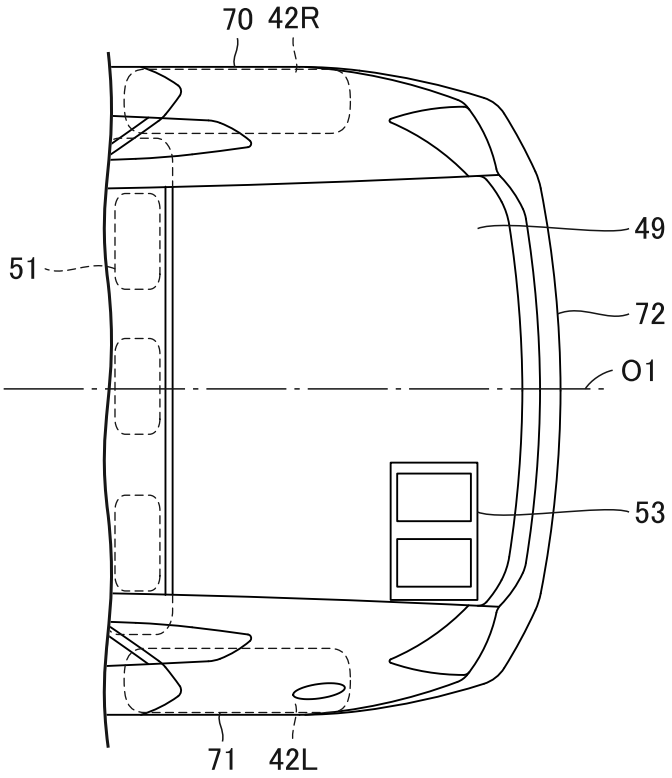
FIG.24