FIG.1

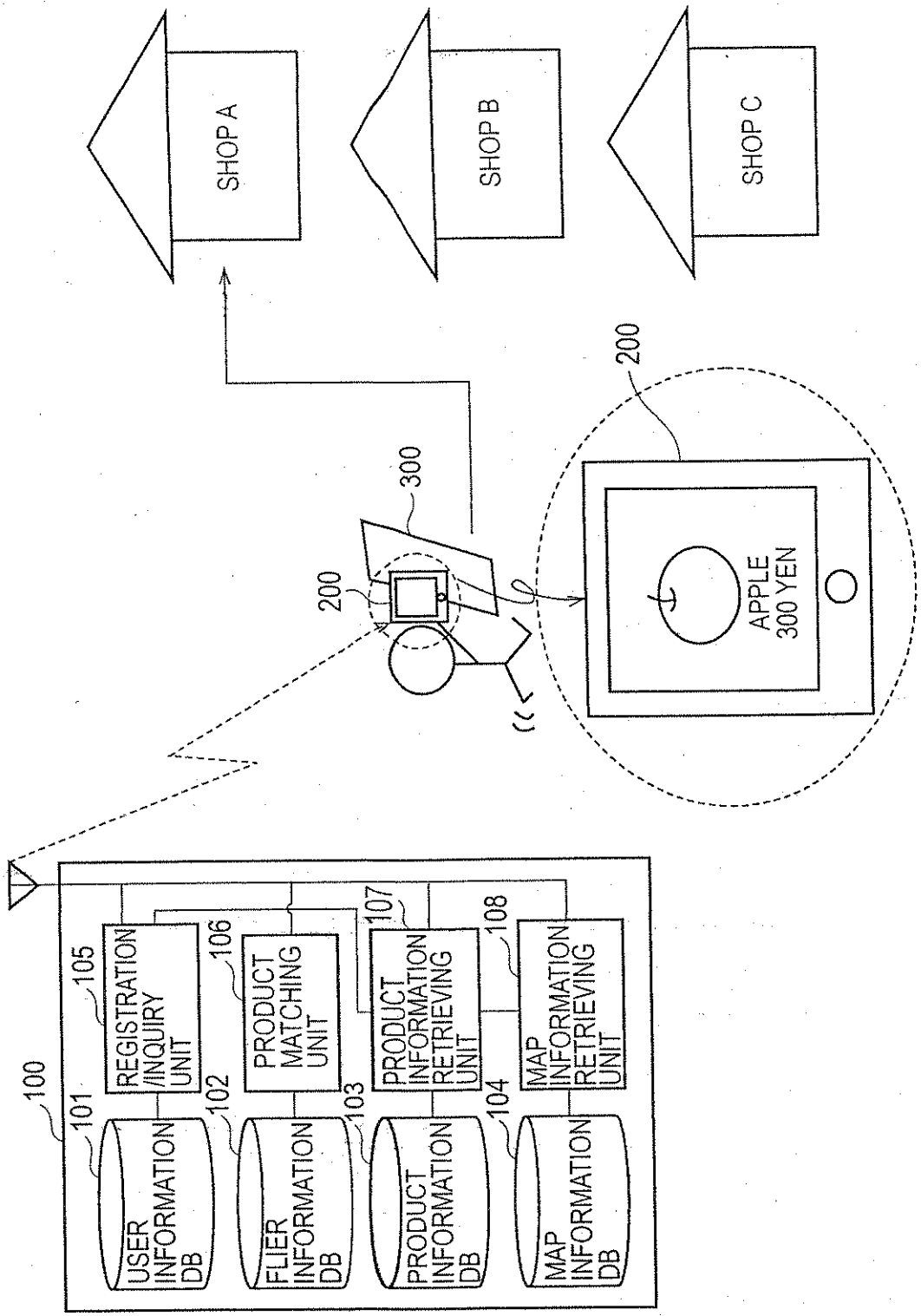

SHOP A
SHOP B
SHOP C
200
300
200
APPLE
300 YEN
100
101
USER INFORMATION DB
102
FLIER INFORMATION DB
103
PRODUCT INFORMATION DB
104
MAP INFORMATION DB
105
REGISTRATION /INQUIRY UNIT
106
PRODUCT MATCHING UNIT
107
PRODUCT INFORMATION RETRIEVING UNIT
108
MAP INFORMATION RETRIEVING UNIT

FIG.2A

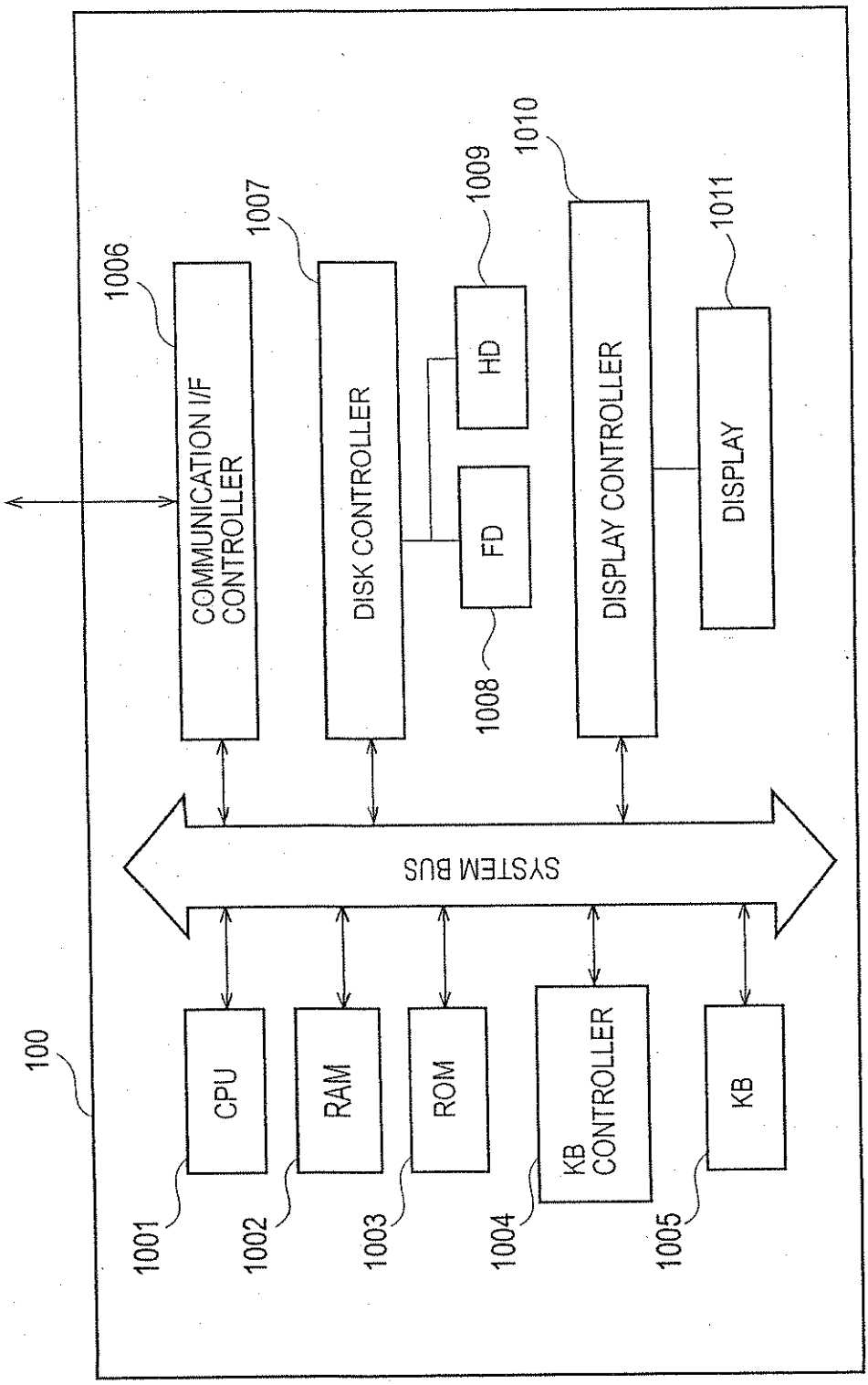

100
CPU
RAM
ROM
KB CONTROLLER
KB
SYSTEM BUS
COMMUNICATION I/F CONTROLLER
DISK CONTROLLER
HD
FD
DISPLAY CONTROLLER
DISPLAY
1001
1002
1003
1004
1005
1006
1007
1008
1009
1010
1011

FIG.2B

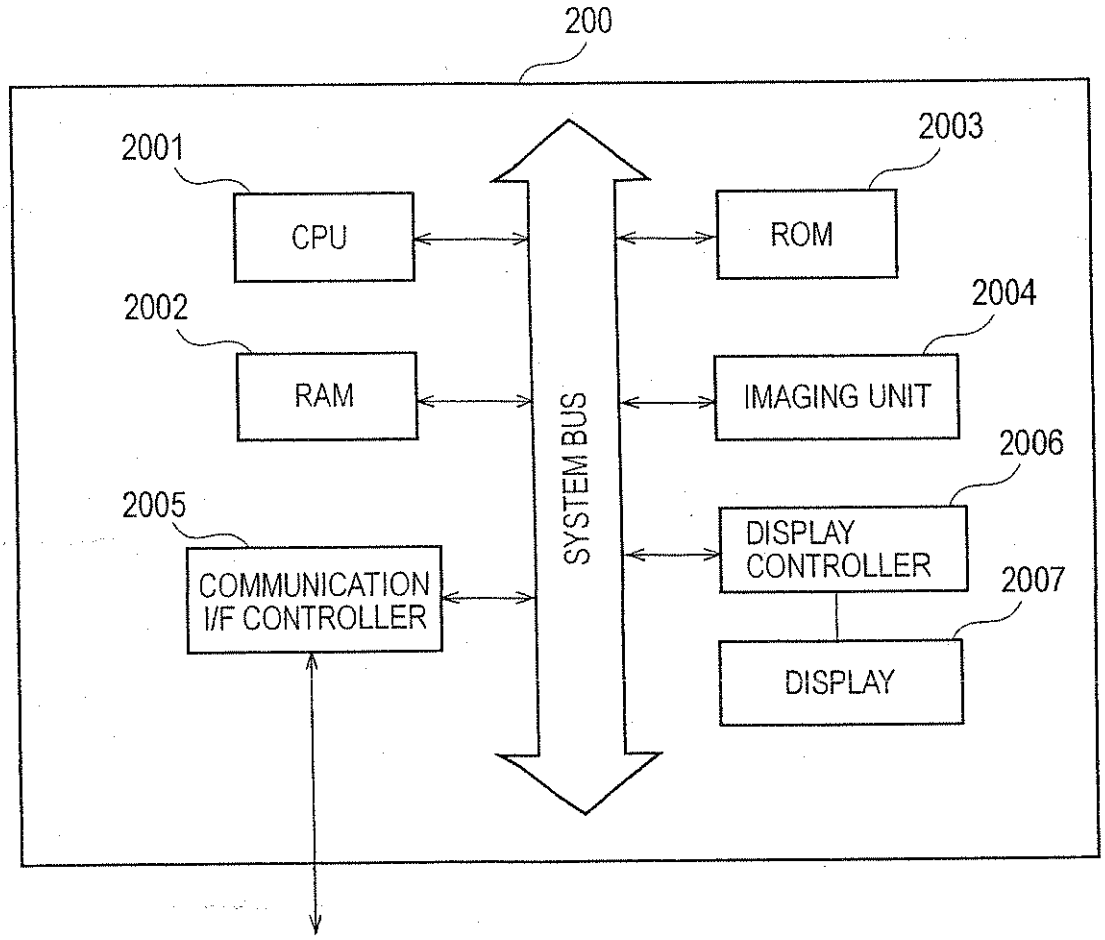

200
2001
CPU
2002
RAM
2003
ROM
2004
IMAGING UNIT
2005
COMMUNICATION I/F CONTROLLER
SYSTEM BUS
2006
DISPLAY CONTROLLER
2007
DISPLAY

FIG.3A

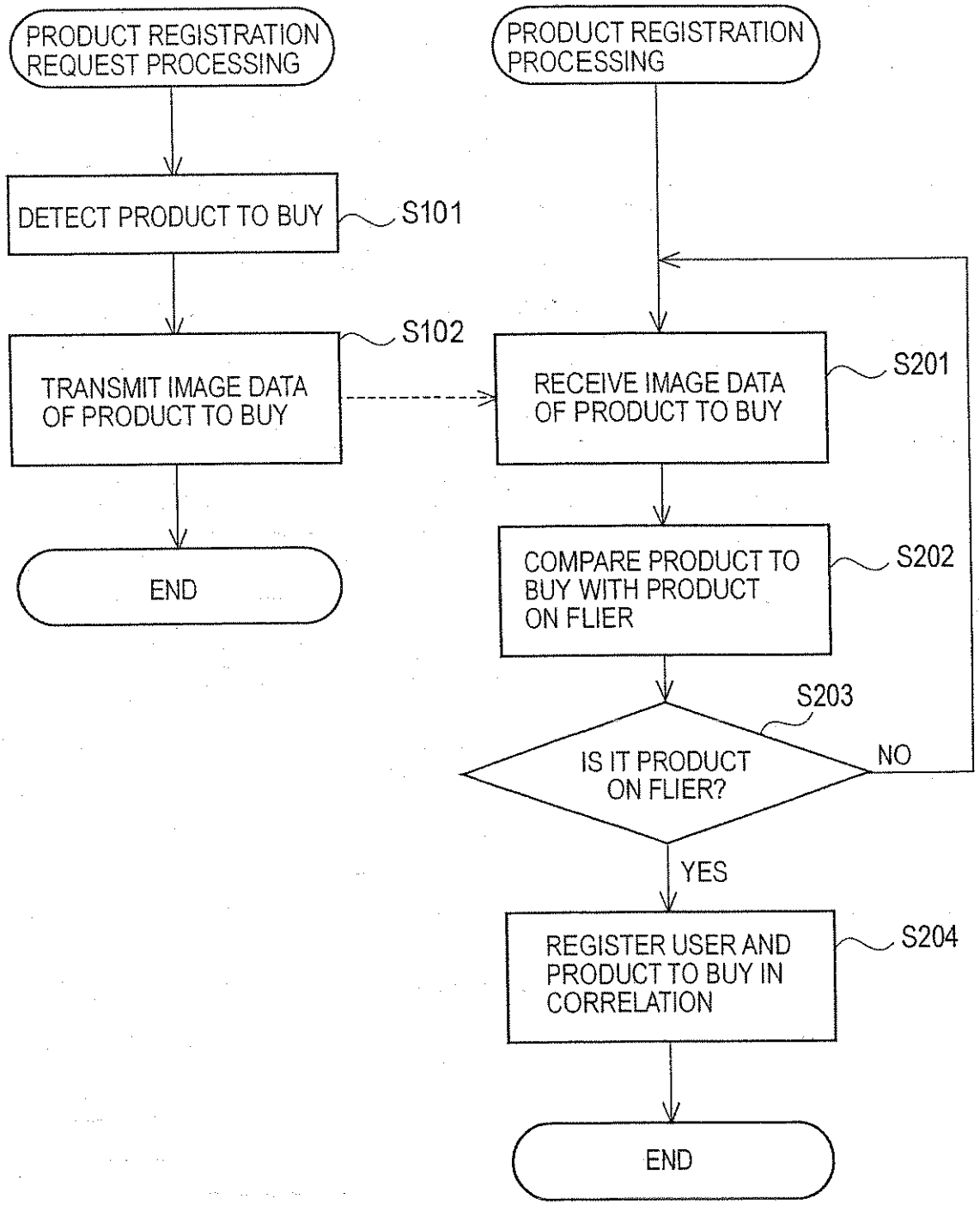

PRODUCT REGISTRATION REQUEST PROCESSING
DETECT PRODUCT TO BUY
S101
TRANSMIT IMAGE DATA OF PRODUCT TO BUY
S102
END
PRODUCT REGISTRATION PROCESSING
RECEIVE IMAGE DATA OF PRODUCT TO BUY
S201
COMPARE PRODUCT TO BUY WITH PRODUCT ON FLIER
S202
IS IT PRODUCT ON FLIER?
S203
NO
YES
REGISTER USER AND PRODUCT TO BUY IN CORRELATION
S204
END

FIG.3B

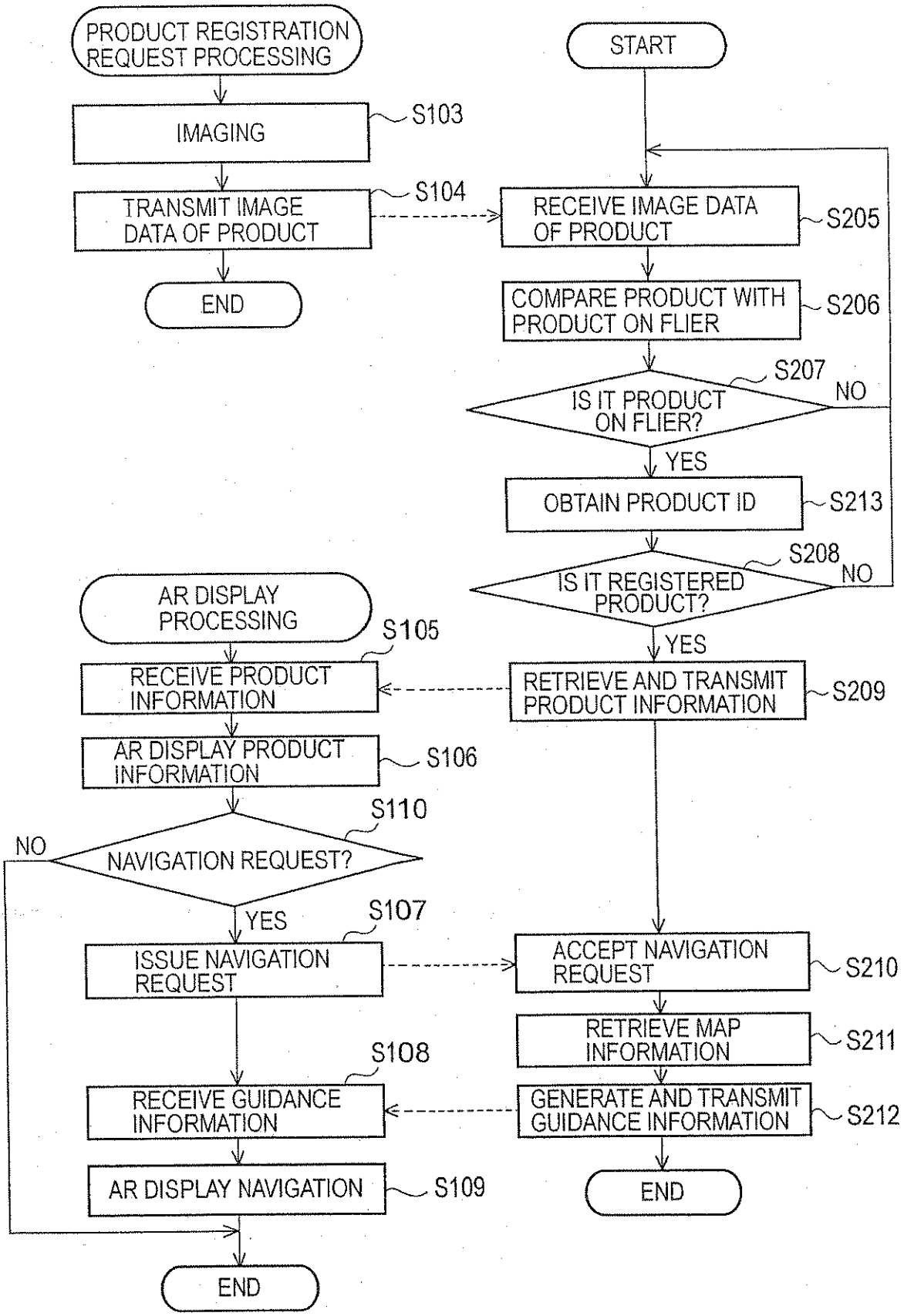

PRODUCT REGISTRATION REQUEST PROCESSING
IMAGING
S103
TRANSMIT IMAGE DATA OF PRODUCT
S104
END
START
RECEIVE IMAGE DATA OF PRODUCT
S205
COMPARE PRODUCT WITH PRODUCT ON FLIER
S206
IS IT PRODUCT ON FLIER?
S207
NO
YES
OBTAIN PRODUCT ID
S213
IS IT REGISTERED PRODUCT?
S208
NO
YES
RETRIEVE AND TRANSMIT PRODUCT INFORMATION
S209
AR DISPLAY PROCESSING
S105
RECEIVE PRODUCT INFORMATION
AR DISPLAY PRODUCT INFORMATION
S106
S110
NAVIGATION REQUEST?
NO
YES
S107
ISSUE NAVIGATION REQUEST
ACCEPT NAVIGATION REQUEST
S210
RETRIEVE MAP INFORMATION
S211
S108
RECEIVE GUIDANCE INFORMATION
GENERATE AND TRANSMIT GUIDANCE INFORMATION
S212
AR DISPLAY NAVIGATION
S109
END
END

FIG.4

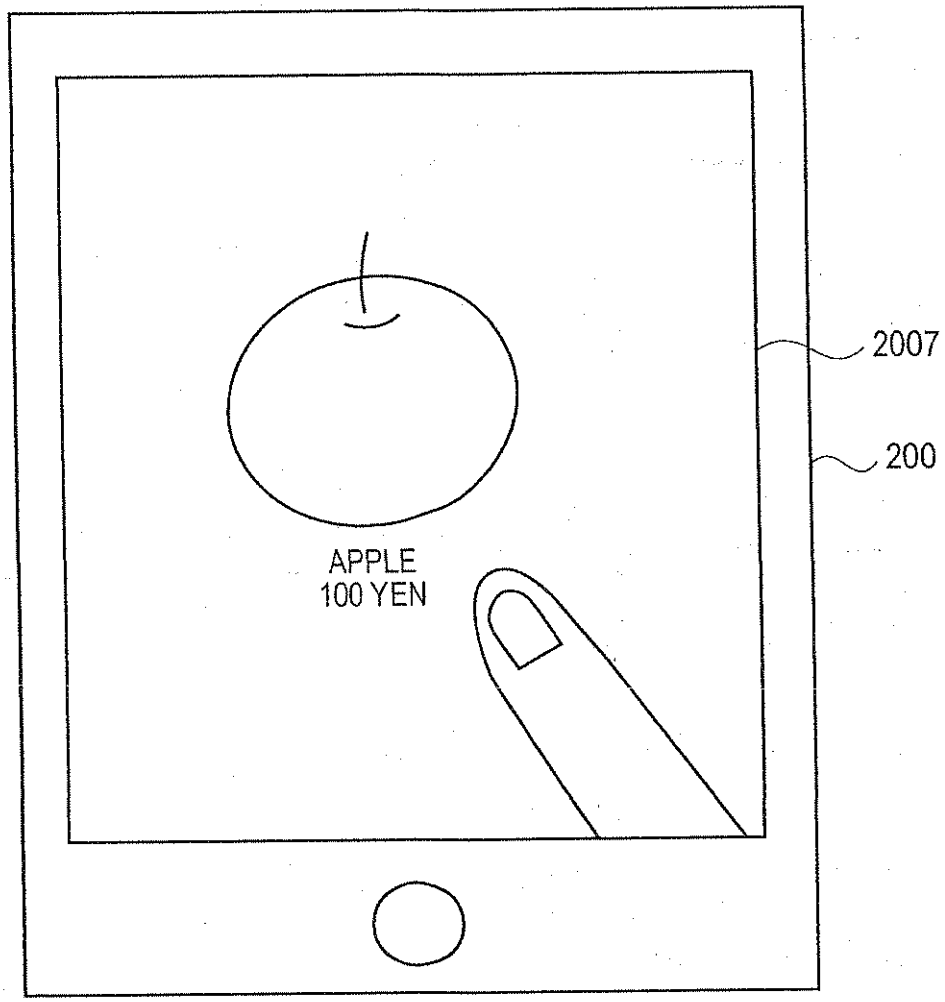


FIG.5

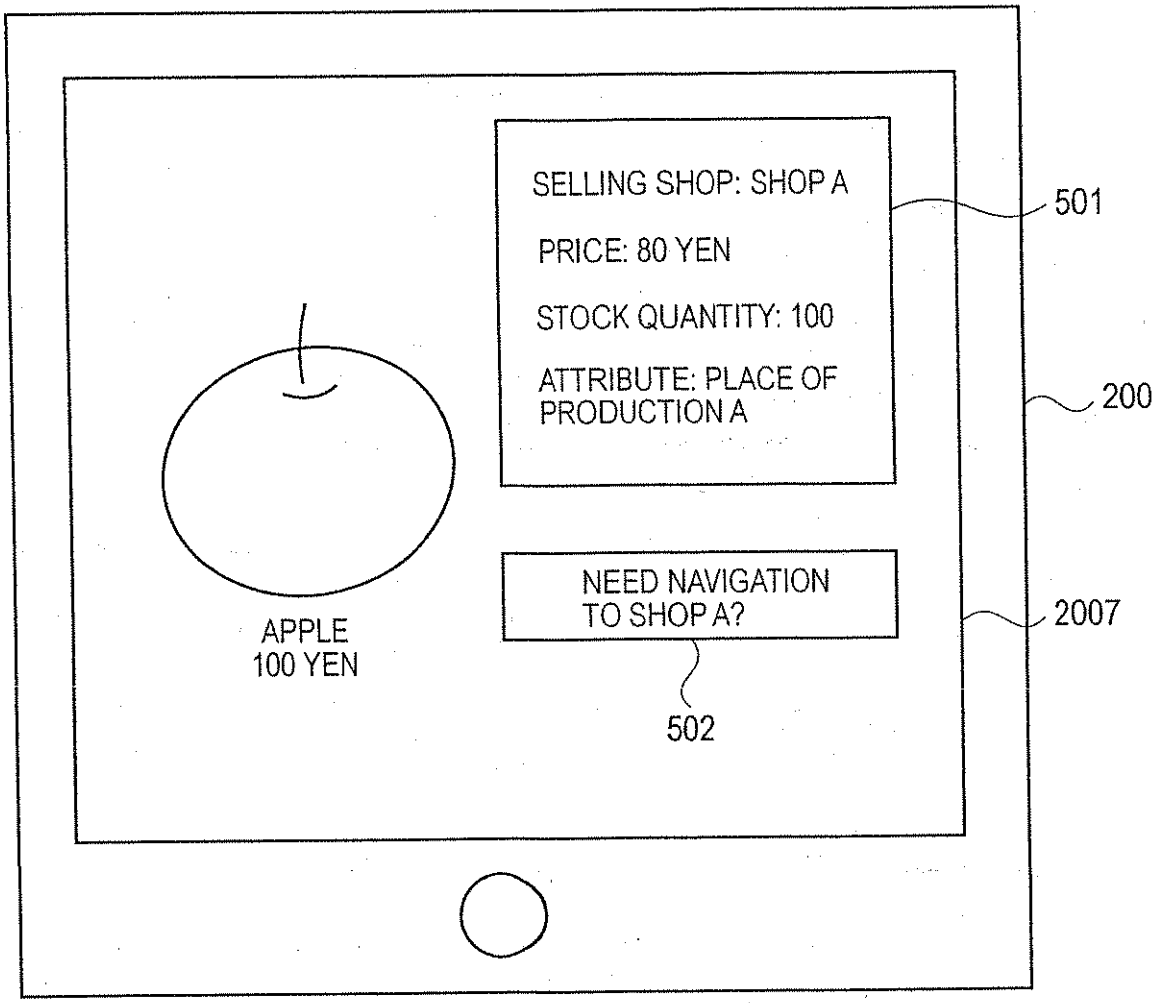

SELLING SHOP: SHOP A
PRICE: 80 YEN
STOCK QUANTITY: 100
ATTRIBUTE: PLACE OF PRODUCTION A
501
200
APPLE
100 YEN
NEED NAVIGATION TO SHOP A?
2007
502

FIG.6

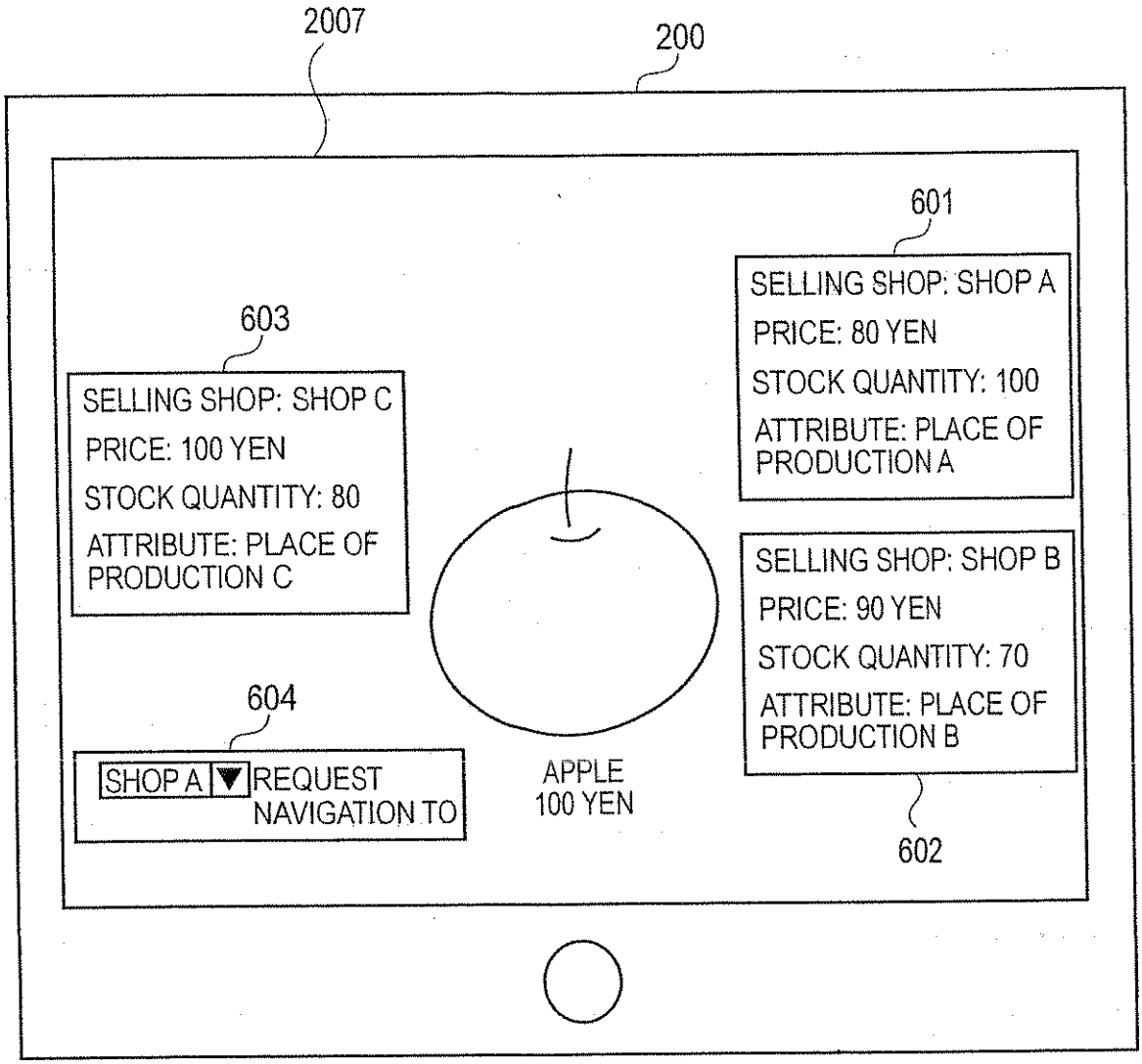

2007
200
601
SELLING SHOP: SHOP A
PRICE: 80 YEN
STOCK QUANTITY: 100
ATTRIBUTE: PLACE OF PRODUCTION A
603
SELLING SHOP: SHOP C
PRICE: 100 YEN
STOCK QUANTITY: 80
ATTRIBUTE: PLACE OF PRODUCTION C
SELLING SHOP: SHOP B
PRICE: 90 YEN
STOCK QUANTITY: 70
ATTRIBUTE: PLACE OF PRODUCTION B
604
SHOP A
REQUEST NAVIGATION TO
APPLE
100 YEN
602

FIG.7

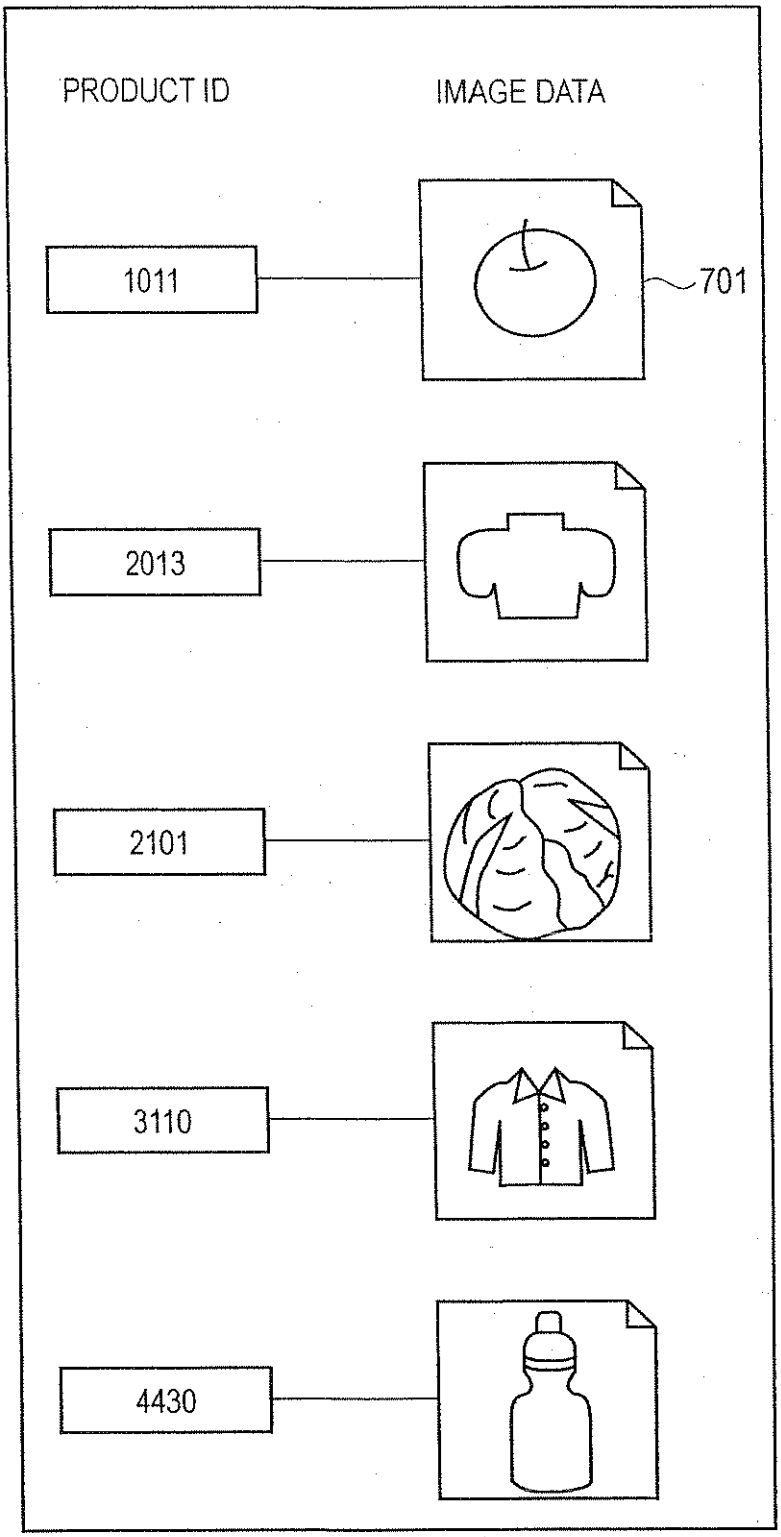
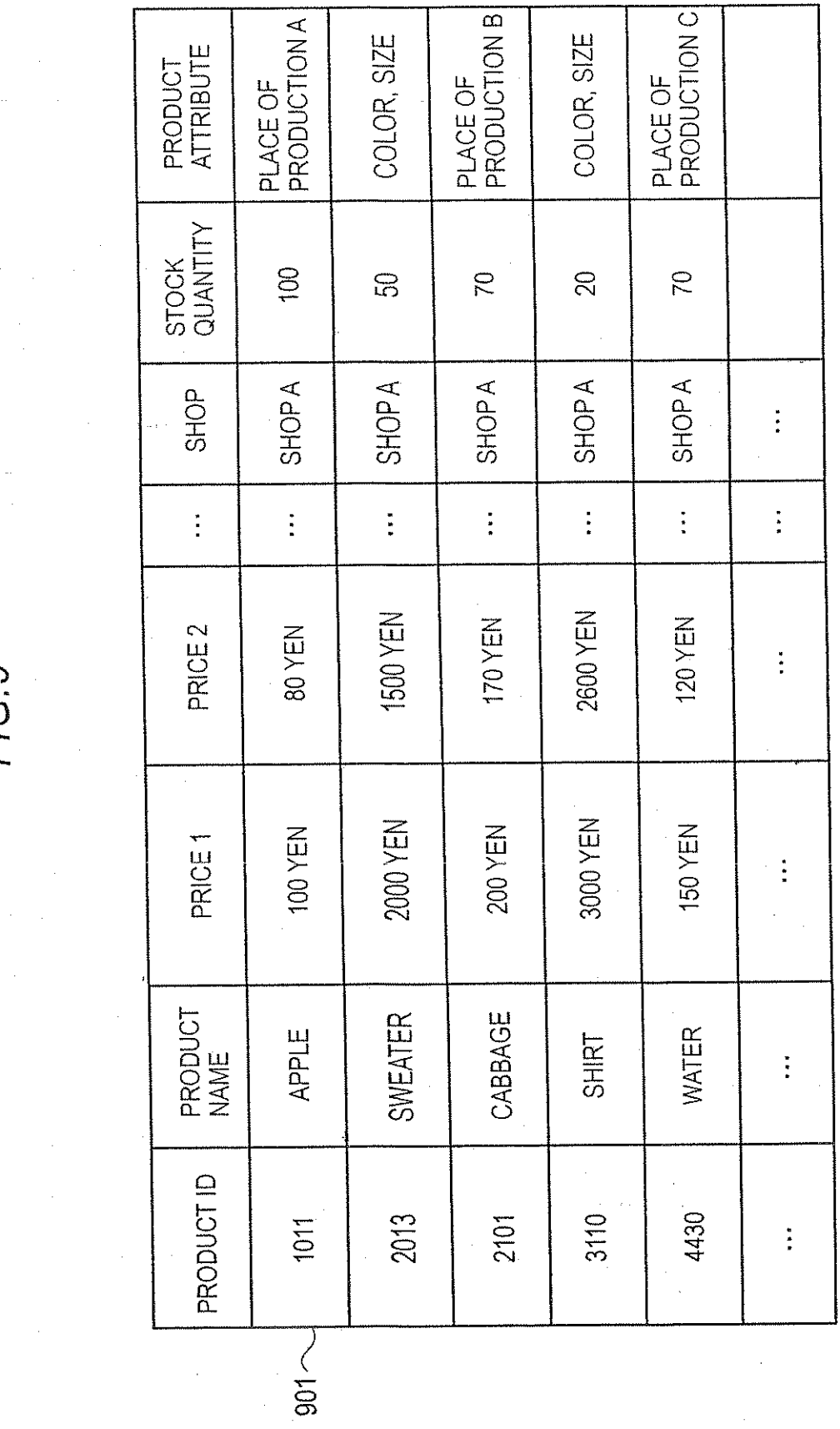


FIG.8

801

USER ID	PRODUCT TO BUY ID
aaa	1011
bbb	2310
ccc	4430

FIG.9



901

PRODUCT ID	PRODUCT NAME	PRICE 1	PRICE 2	...	SHOP	STOCK QUANTITY	PRODUCT ATTRIBUTE
1011	APPLE	100 YEN	80 YEN	...	SHOP A	100	PLACE OF PRODUCTION A
2013	SWEATER	2000 YEN	1500 YEN	...	SHOP A	50	COLOR, SIZE
2101	CABBAGE	200 YEN	170 YEN	...	SHOP A	70	PLACE OF PRODUCTION B
3110	SHIRT	3000 YEN	2600 YEN	...	SHOP A	20	COLOR, SIZE
4430	WATER	150 YEN	120 YEN	...	SHOP A	70	PLACE OF PRODUCTION C
...	...	...	...	...	...		

FIG.10

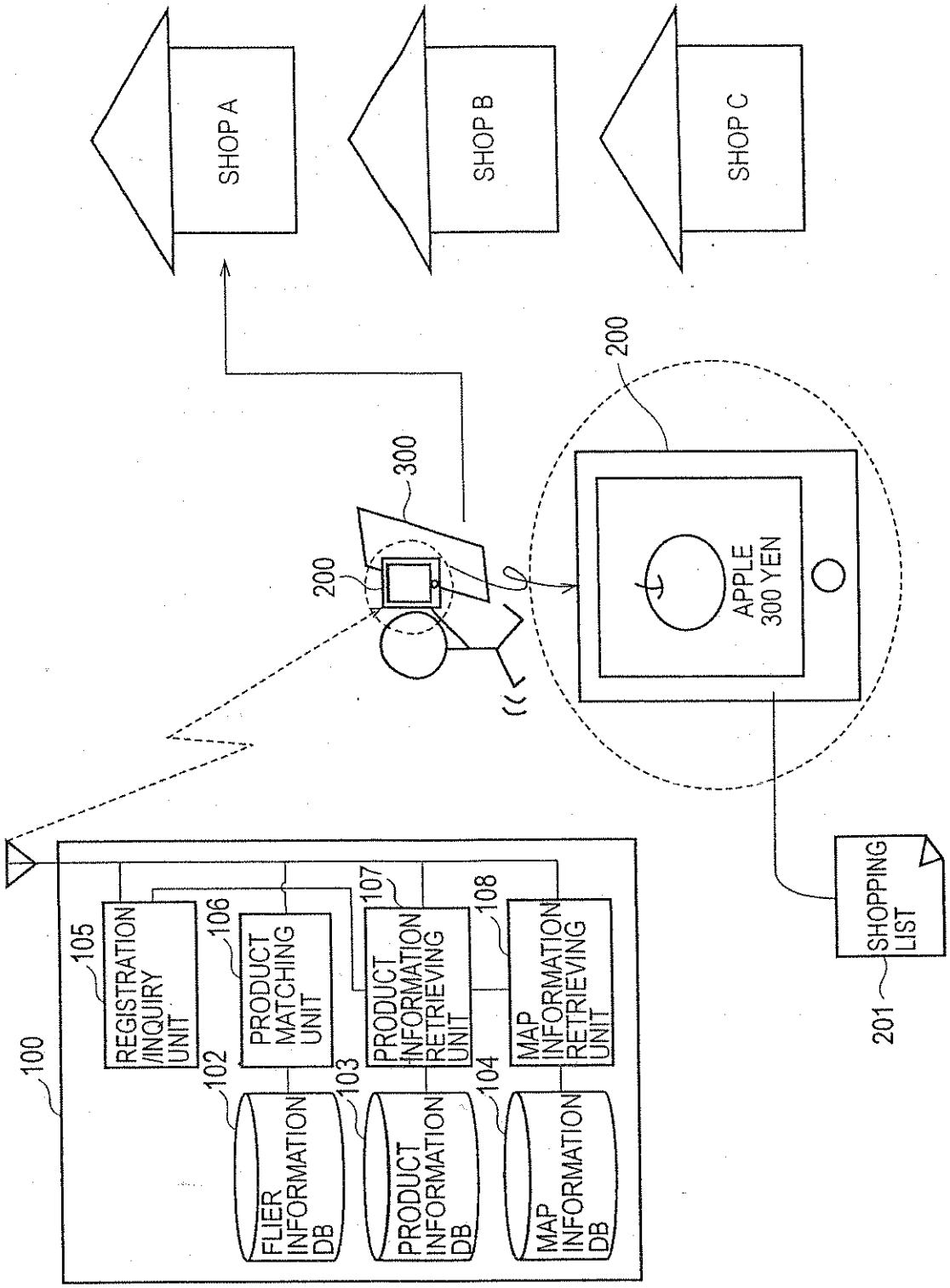

SHOP A
SHOP B
SHOP C
200
300
200
APPLE
300 YEN
SHOPPING
LIST
201
100
REGISTRATION
/INQUIRY
UNIT
105
PRODUCT
MATCHING
UNIT
106
PRODUCT
INFORMATION
RETRIEVING
UNIT
107
MAP
INFORMATION
RETRIEVING
UNIT
108
FLIER
INFORMATION
DB
102
PRODUCT
INFORMATION
DB
103
MAP
INFORMATION
DB
104

FIG. 11A

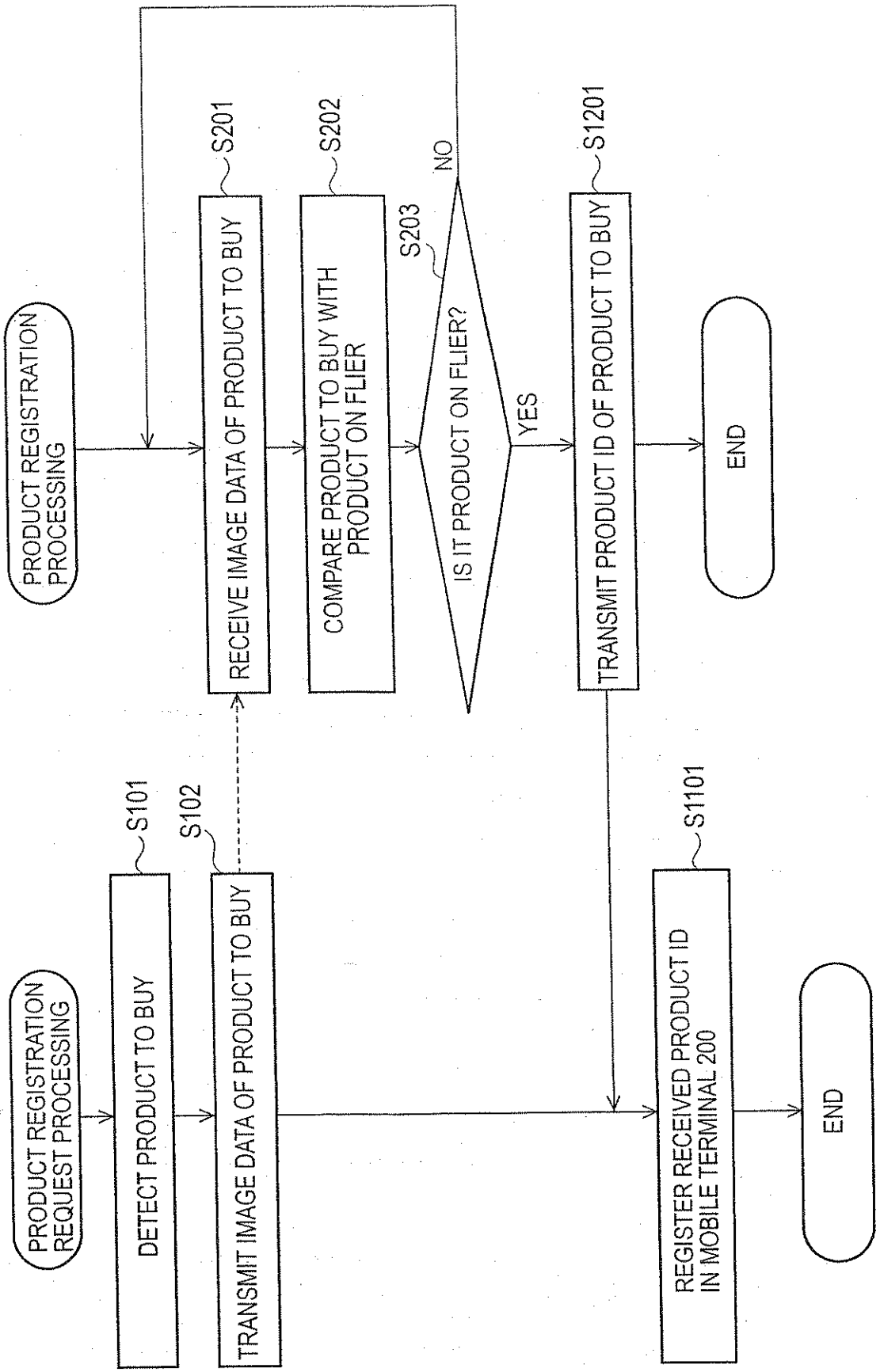

PRODUCT REGISTRATION REQUEST PROCESSING
DETECT PRODUCT TO BUY
S101
TRANSMIT IMAGE DATA OF PRODUCT TO BUY
S102
PRODUCT REGISTRATION PROCESSING
RECEIVE IMAGE DATA OF PRODUCT TO BUY
S201
COMPARE PRODUCT TO BUY WITH PRODUCT ON FLIER
S202
IS IT PRODUCT ON FLIER?
S203
NO
YES
TRANSMIT PRODUCT ID OF PRODUCT TO BUY
S1201
END
REGISTER RECEIVED PRODUCT ID IN MOBILE TERMINAL 200
S1101
END

FIG.11B

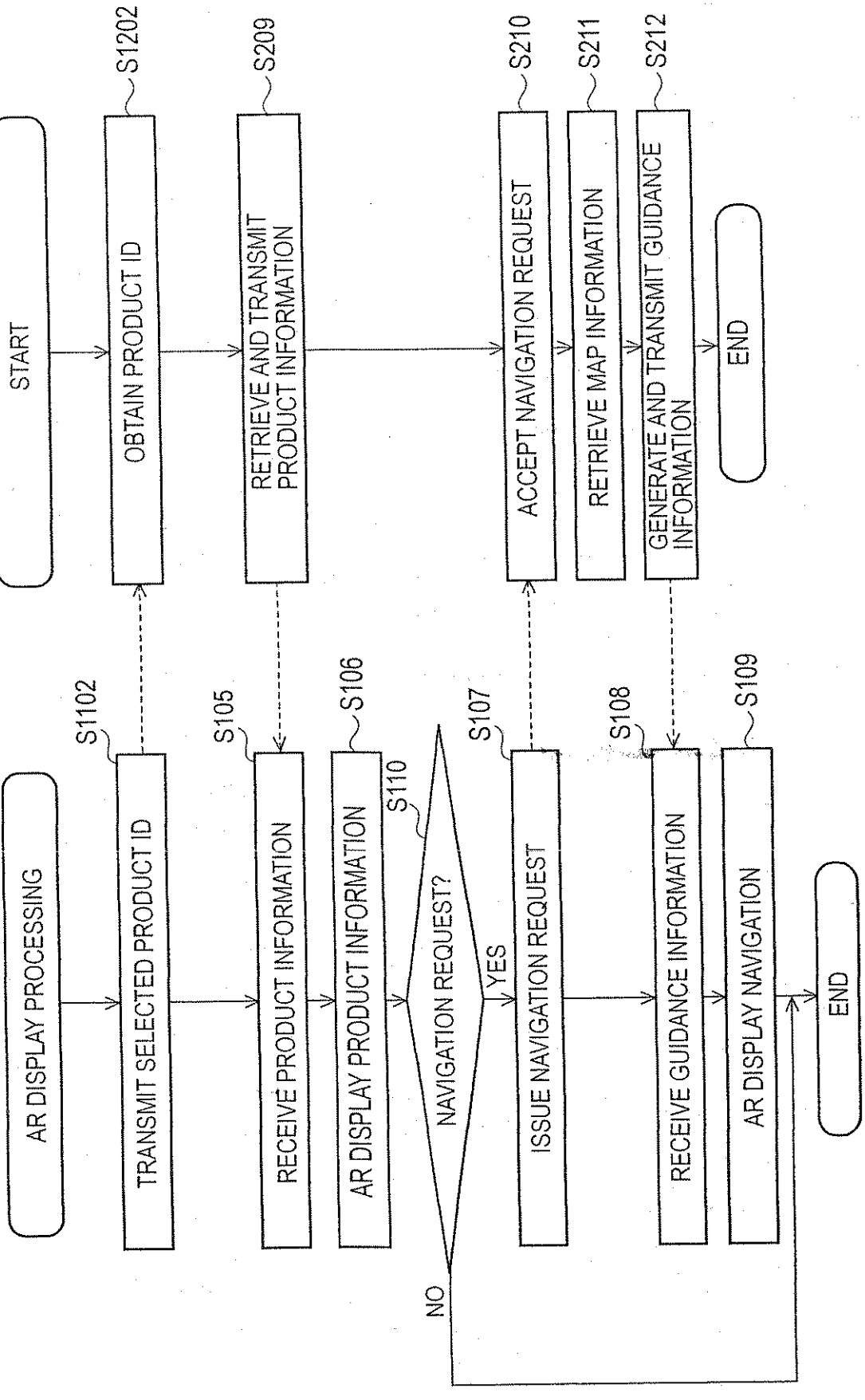

AR DISPLAY PROCESSING
TRANSMIT SELECTED PRODUCT ID
S1102
RECEIVE PRODUCT INFORMATION
S105
AR DISPLAY PRODUCT INFORMATION
S106
NAVIGATION REQUEST?
S110
YES
NO
ISSUE NAVIGATION REQUEST
S107
RECEIVE GUIDANCE INFORMATION
S108
AR DISPLAY NAVIGATION
S109
END
START
OBTAIN PRODUCT ID
S1202
RETRIEVE AND TRANSMIT PRODUCT INFORMATION
S209
ACCEPT NAVIGATION REQUEST
S210
RETRIEVE MAP INFORMATION
S211
GENERATE AND TRANSMIT GUIDANCE INFORMATION
S212
END

FIG.12

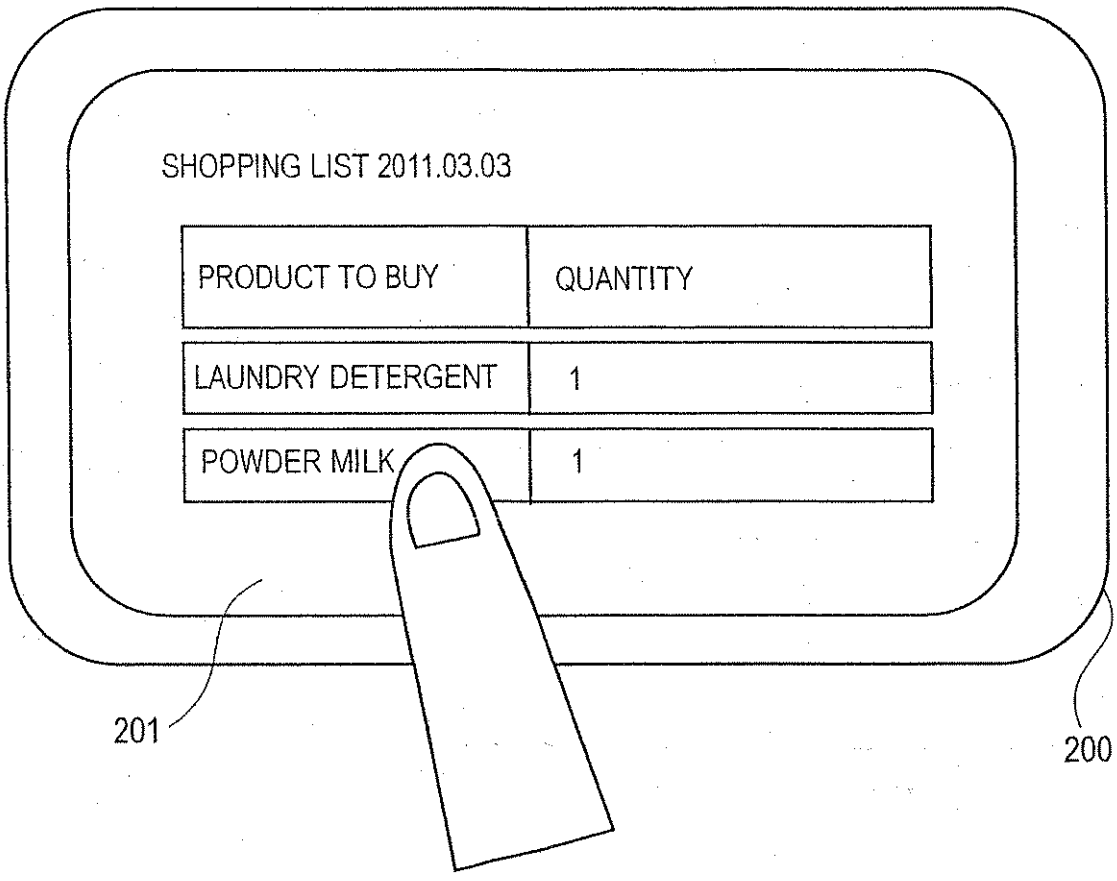

SHOPPING LIST 2011.03.03
PRODUCT TO BUY
QUANTITY
LAUNDRY DETERGENT
1
POWDER MILK
1
201
200

FIG.13

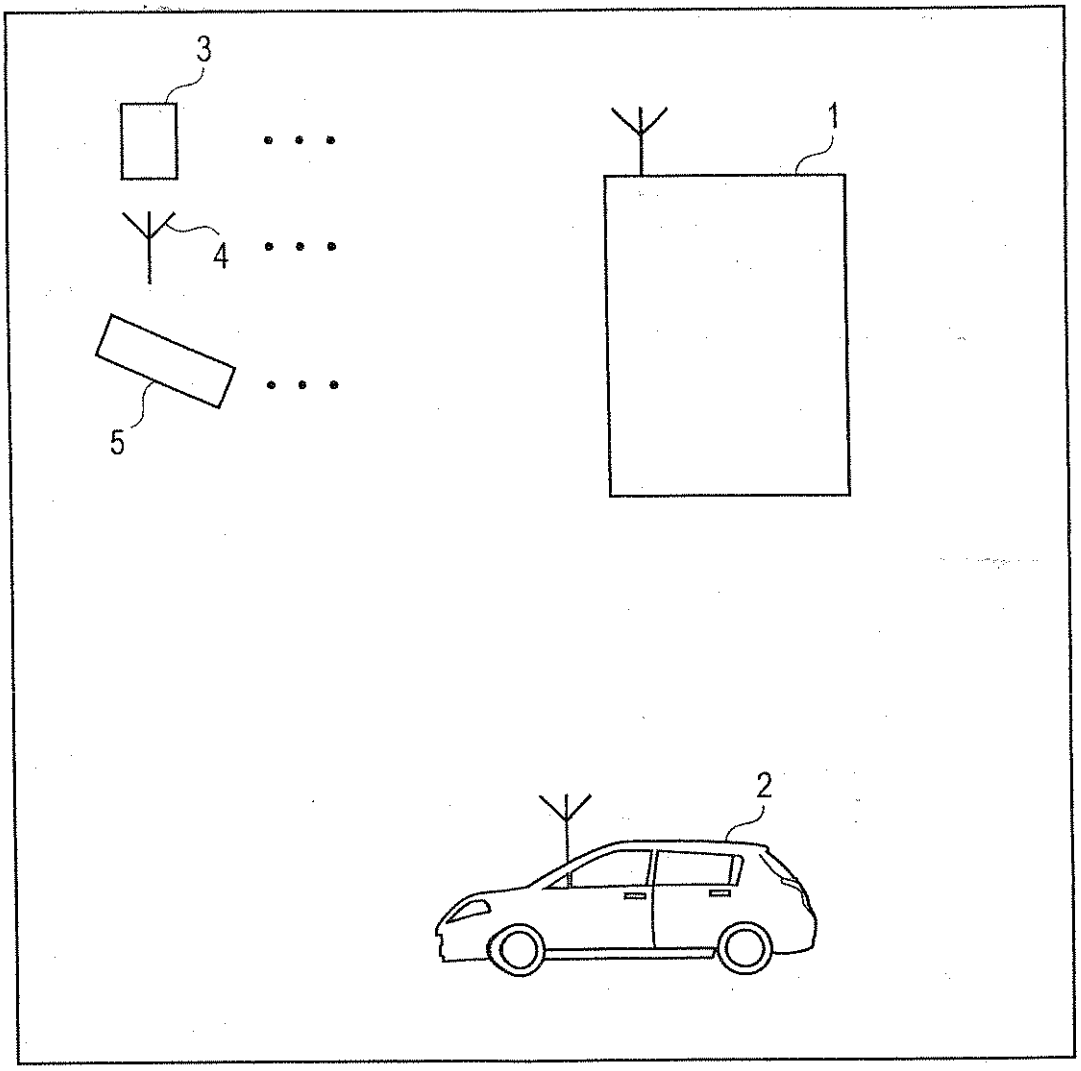


FIG.14

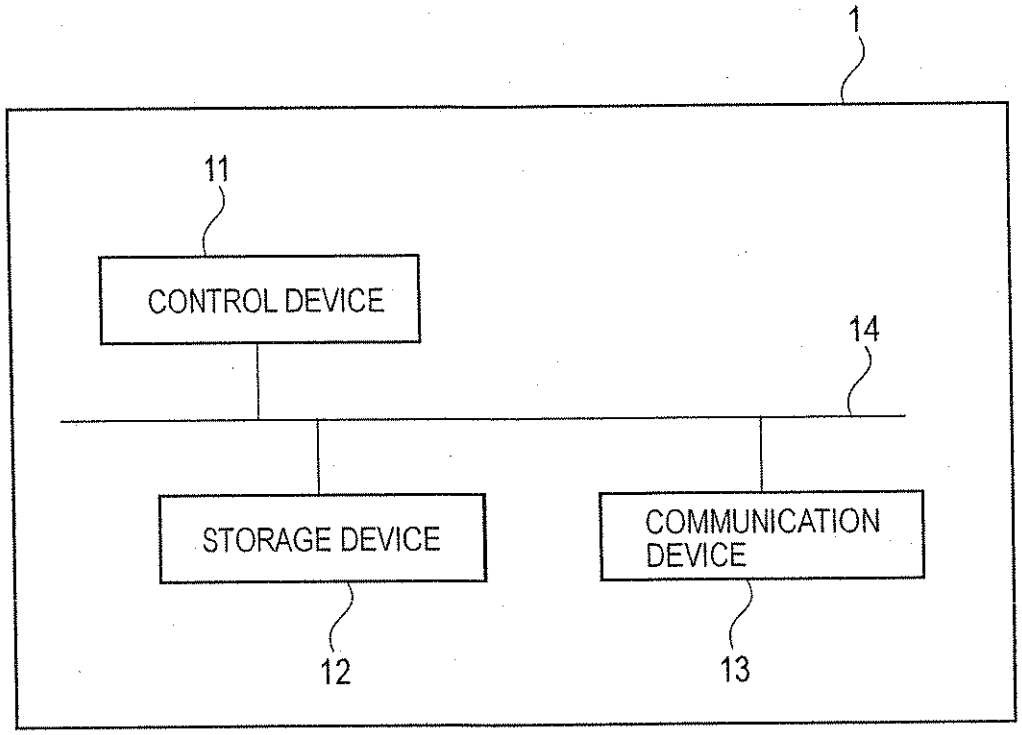

1
11
CONTROL DEVICE
14
STORAGE DEVICE
COMMUNICATION DEVICE
12
13

FIG.15

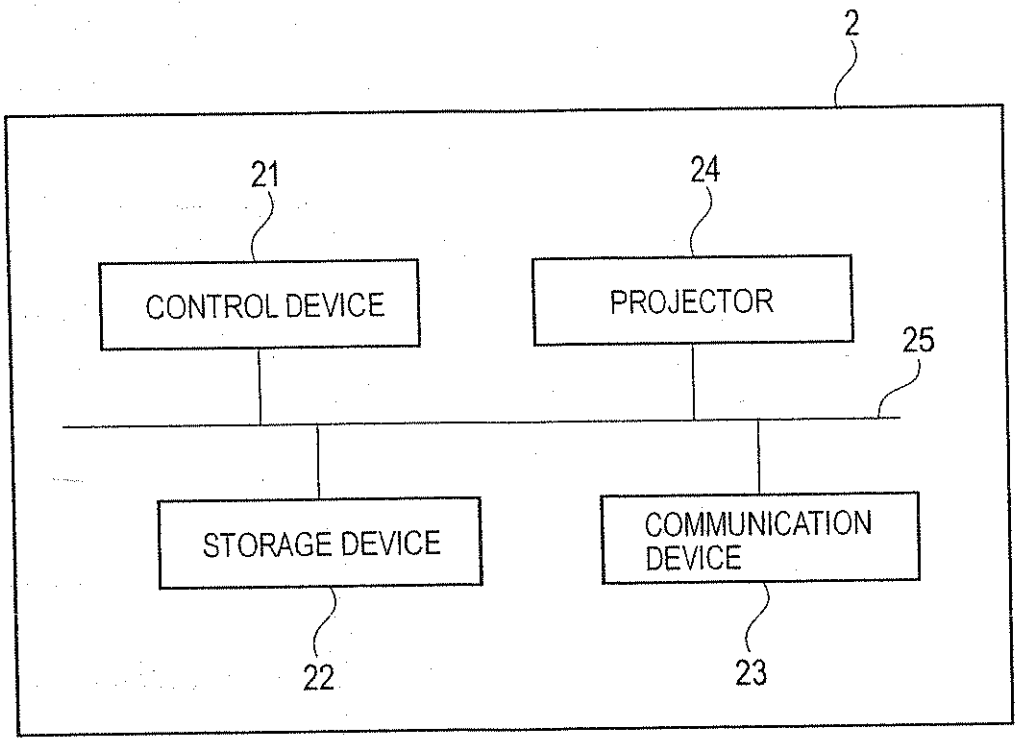

2
21
24
CONTROL DEVICE
PROJECTOR
25
STORAGE DEVICE
COMMUNICATION DEVICE
22
23

FIG.16

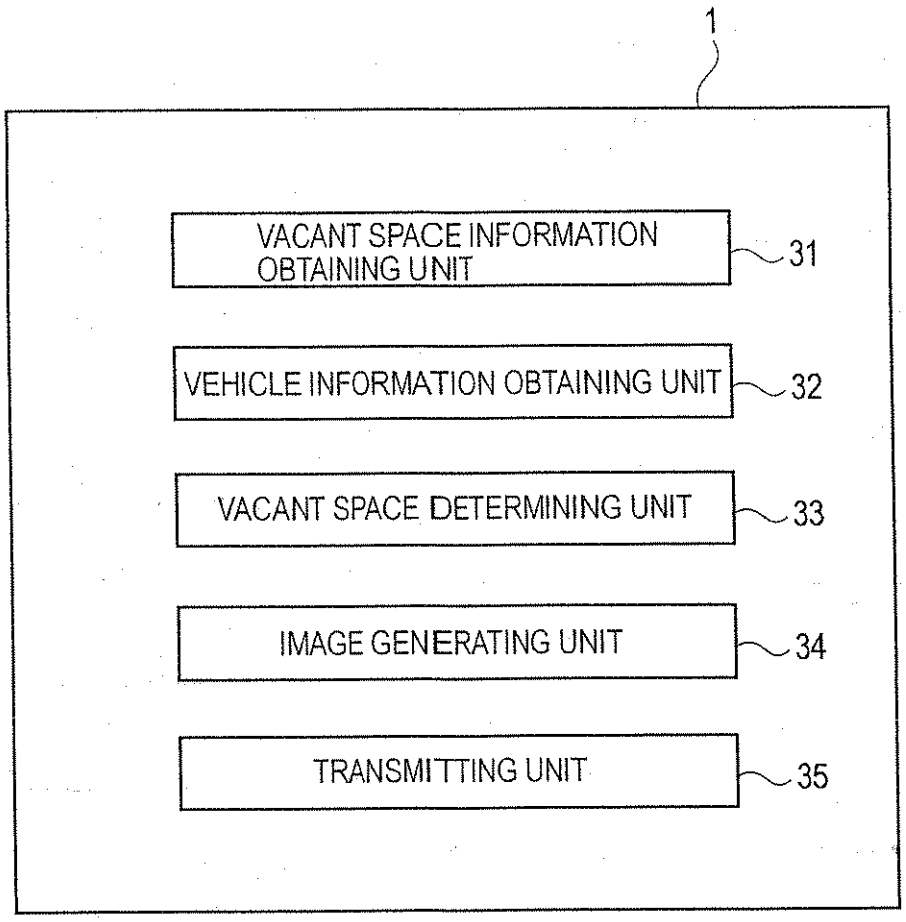

1
VACANT SPACE INFORMATION OBTAINING UNIT
31
VEHICLE INFORMATION OBTAINING UNIT
32
VACANT SPACE DETERMINING UNIT
33
IMAGE GENERATING UNIT
34
TRANSMITTING UNIT
35

FIG.17

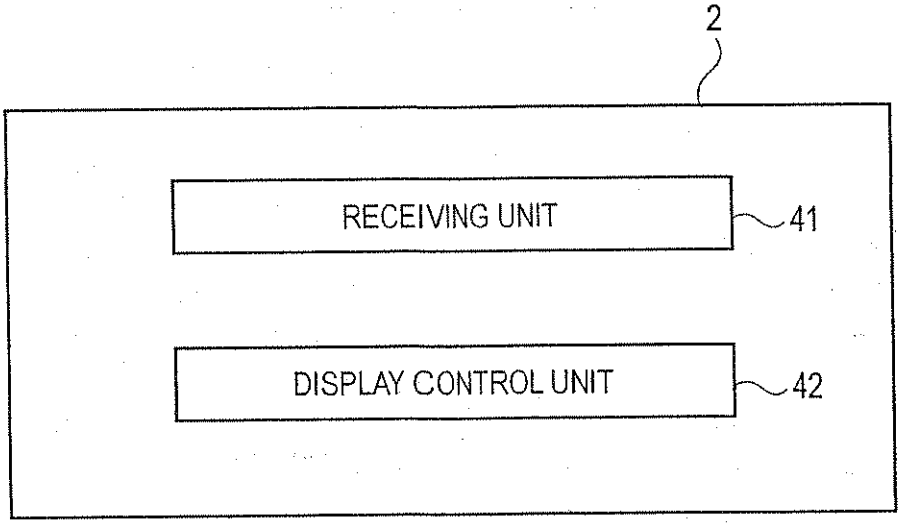


FIG.18

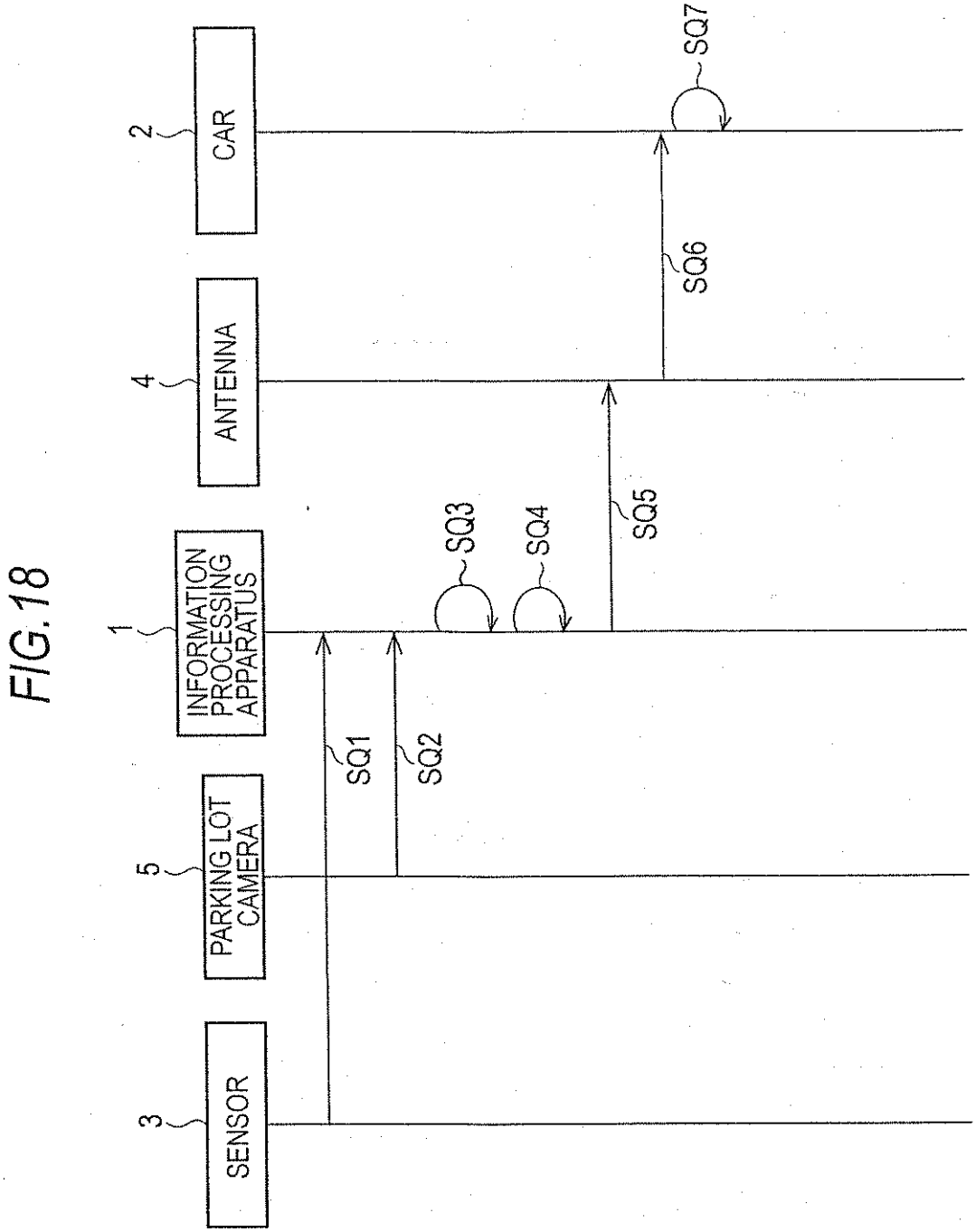

1
INFORMATION PROCESSING APPARATUS
2
CAR
3
SENSOR
4
ANTENNA
5
PARKING LOT CAMERA
SQ1
SQ2
SQ3
SQ4
SQ5
SQ6
SQ7

FIG.19

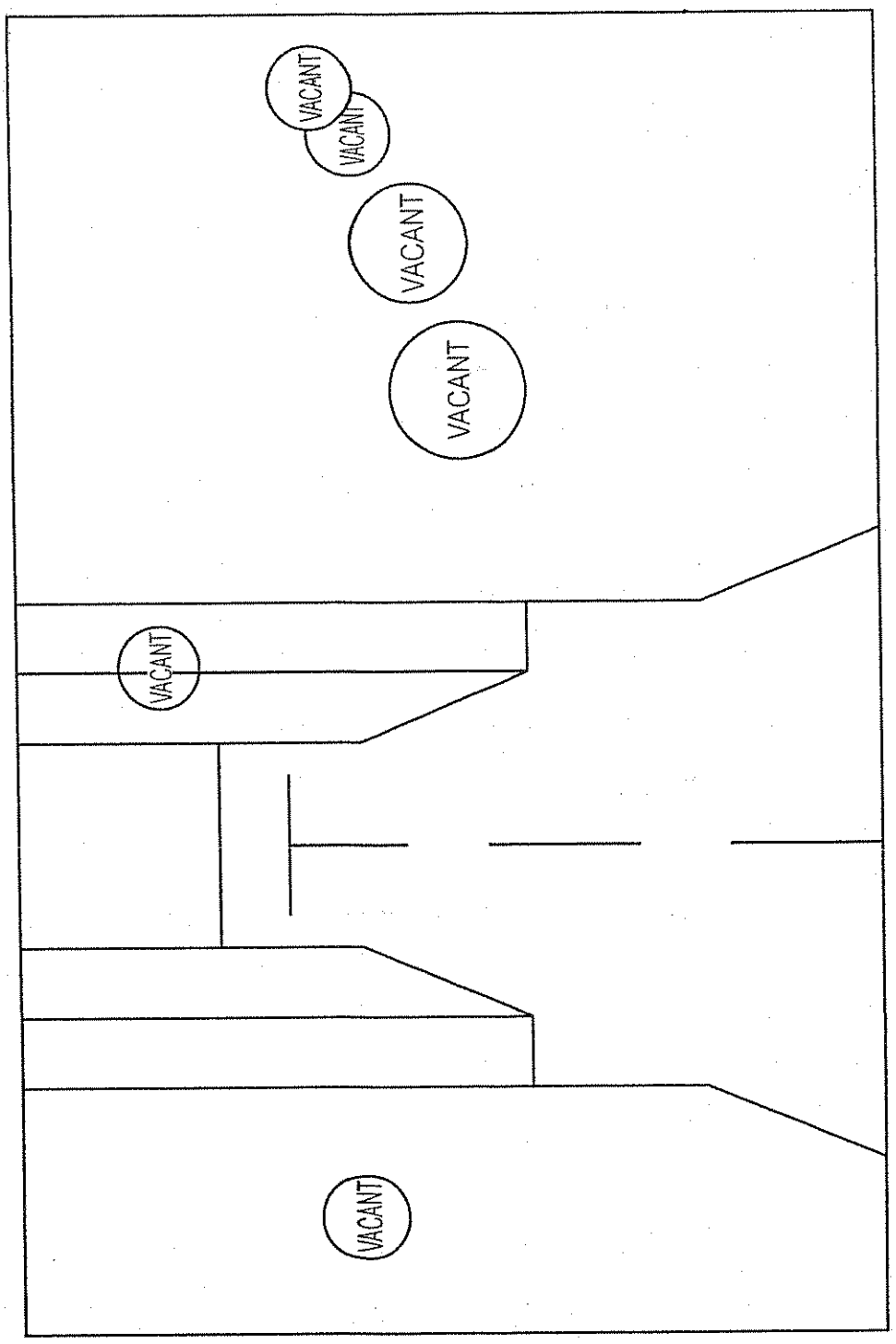


FIG.20

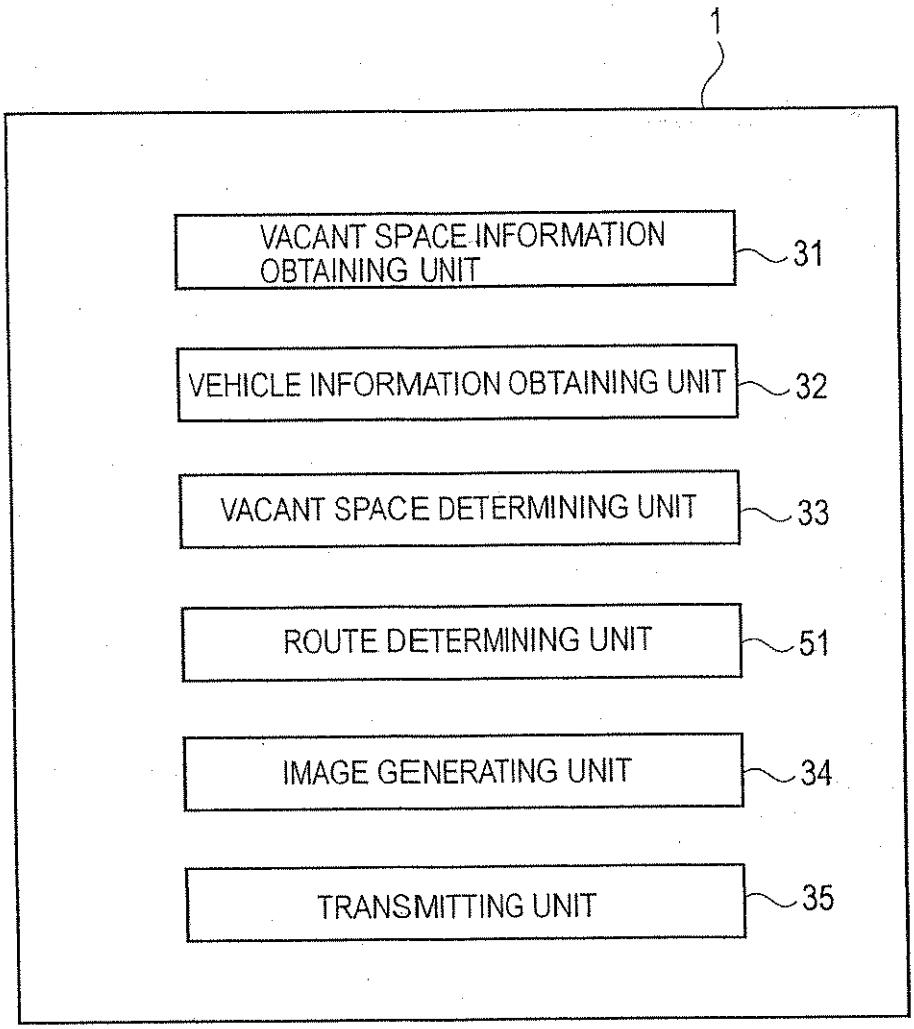

1
VACANT SPACE INFORMATION OBTAINING UNIT
31
VEHICLE INFORMATION OBTAINING UNIT
32
VACANT SPACE DETERMINING UNIT
33
ROUTE DETERMINING UNIT
51
IMAGE GENERATING UNIT
34
TRANSMITTING UNIT
35

FIG.21

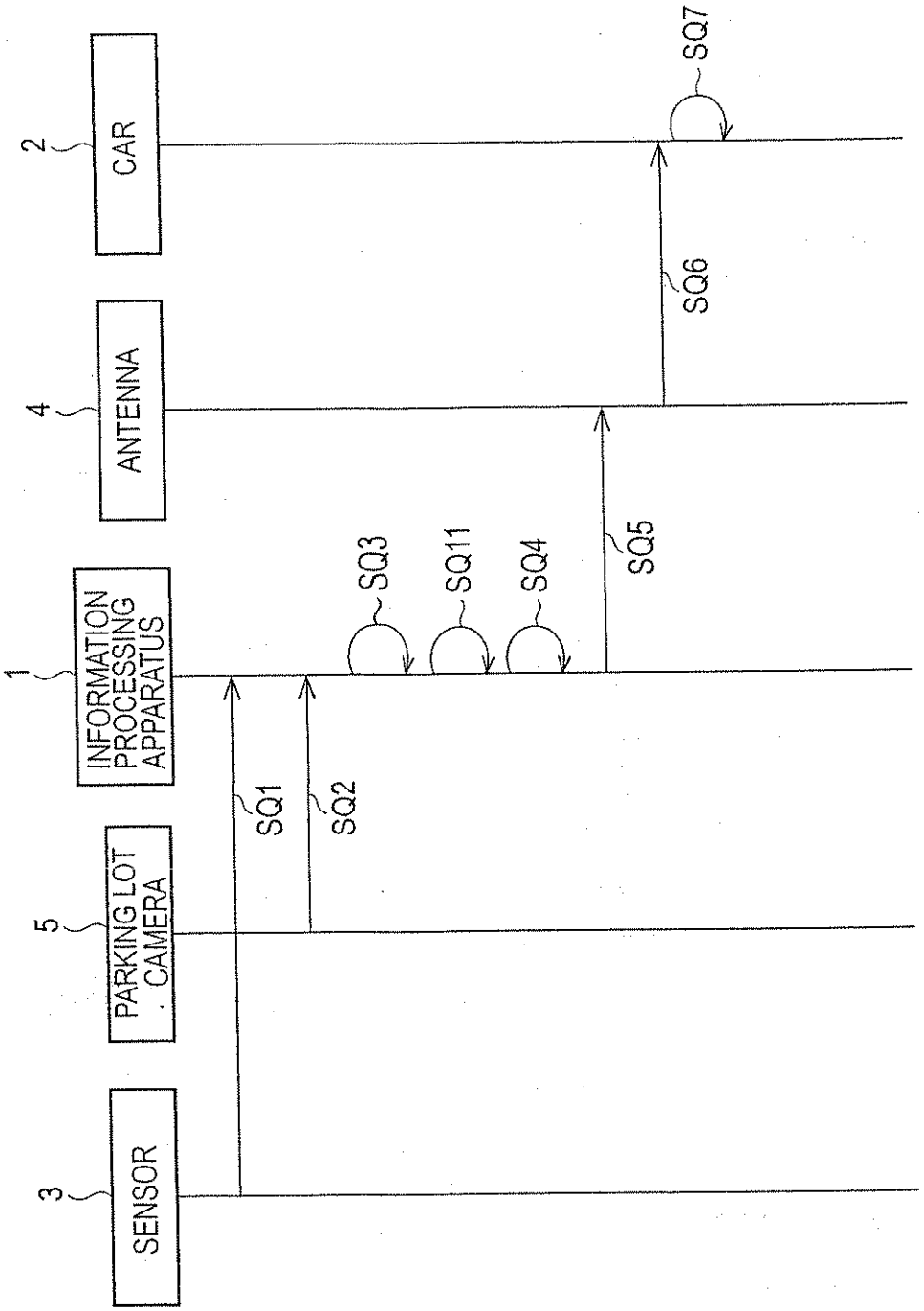

SENSOR
3
PARKING LOT CAMERA
5
INFORMATION PROCESSING APPARATUS
1
ANTENNA
4
CAR
2
SQ1
SQ2
SQ3
SQ11
SQ4
SQ5
SQ6
SQ7

FIG.22

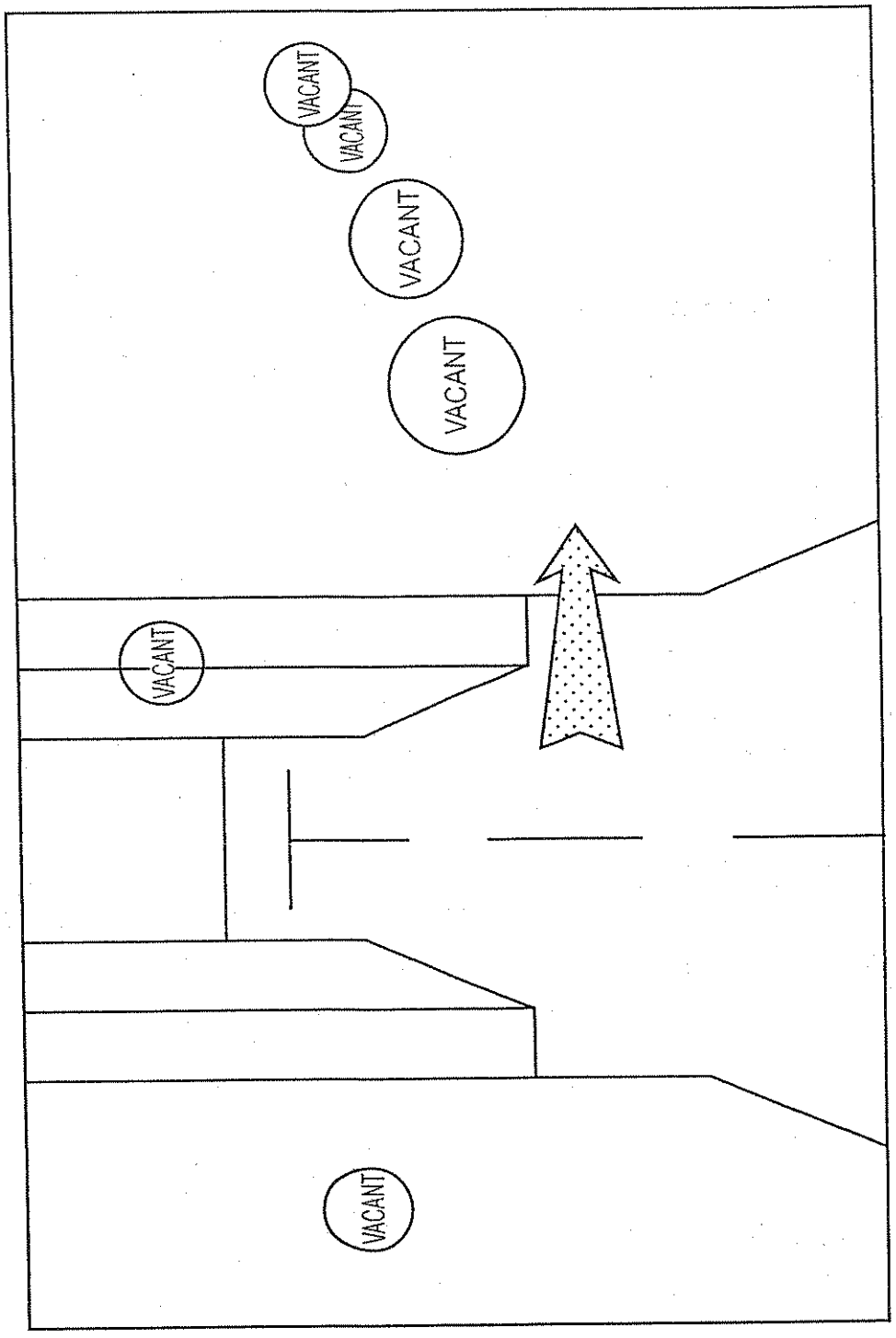


FIG.23

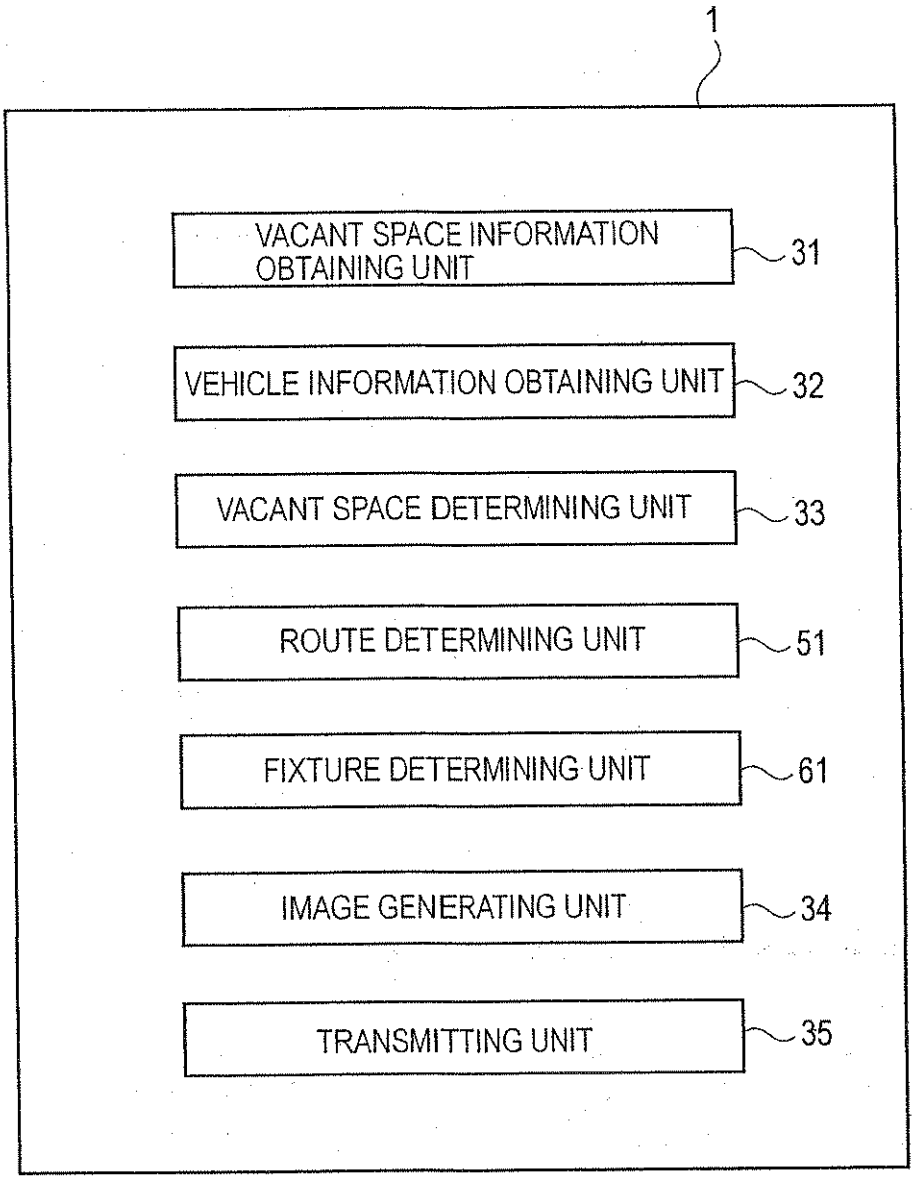

1
VACANT SPACE INFORMATION OBTAINING UNIT
31
VEHICLE INFORMATION OBTAINING UNIT
32
VACANT SPACE DETERMINING UNIT
33
ROUTE DETERMINING UNIT
51
FIXTURE DETERMINING UNIT
61
IMAGE GENERATING UNIT
34
TRANSMITTING UNIT
35

FIG.24

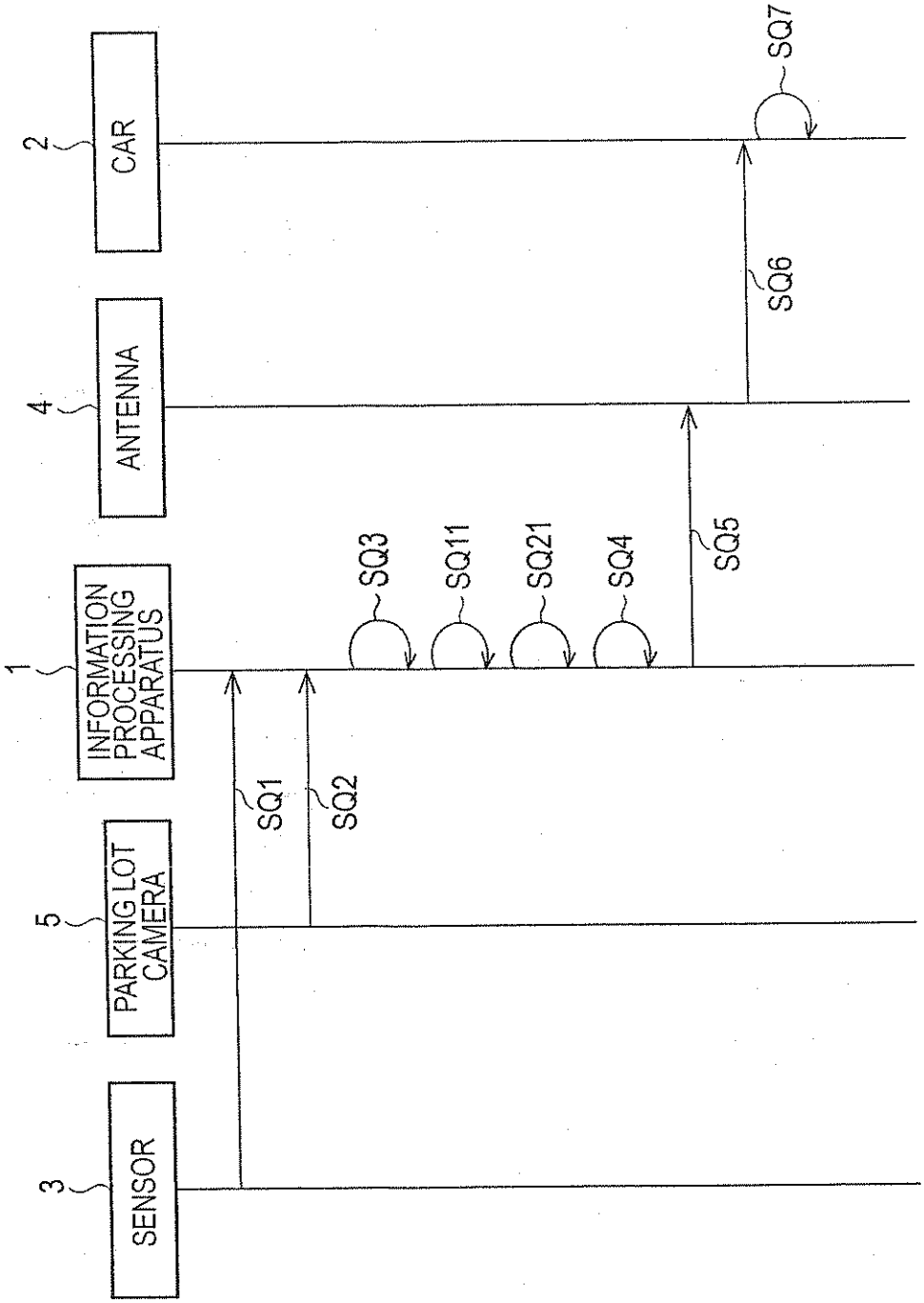

1
INFORMATION PROCESSING APPARATUS
2
CAR
3
SENSOR
4
ANTENNA
5
PARKING LOT CAMERA
SQ1
SQ2
SQ3
SQ11
SQ21
SQ4
SQ5
SQ6
SQ7

FIG.25

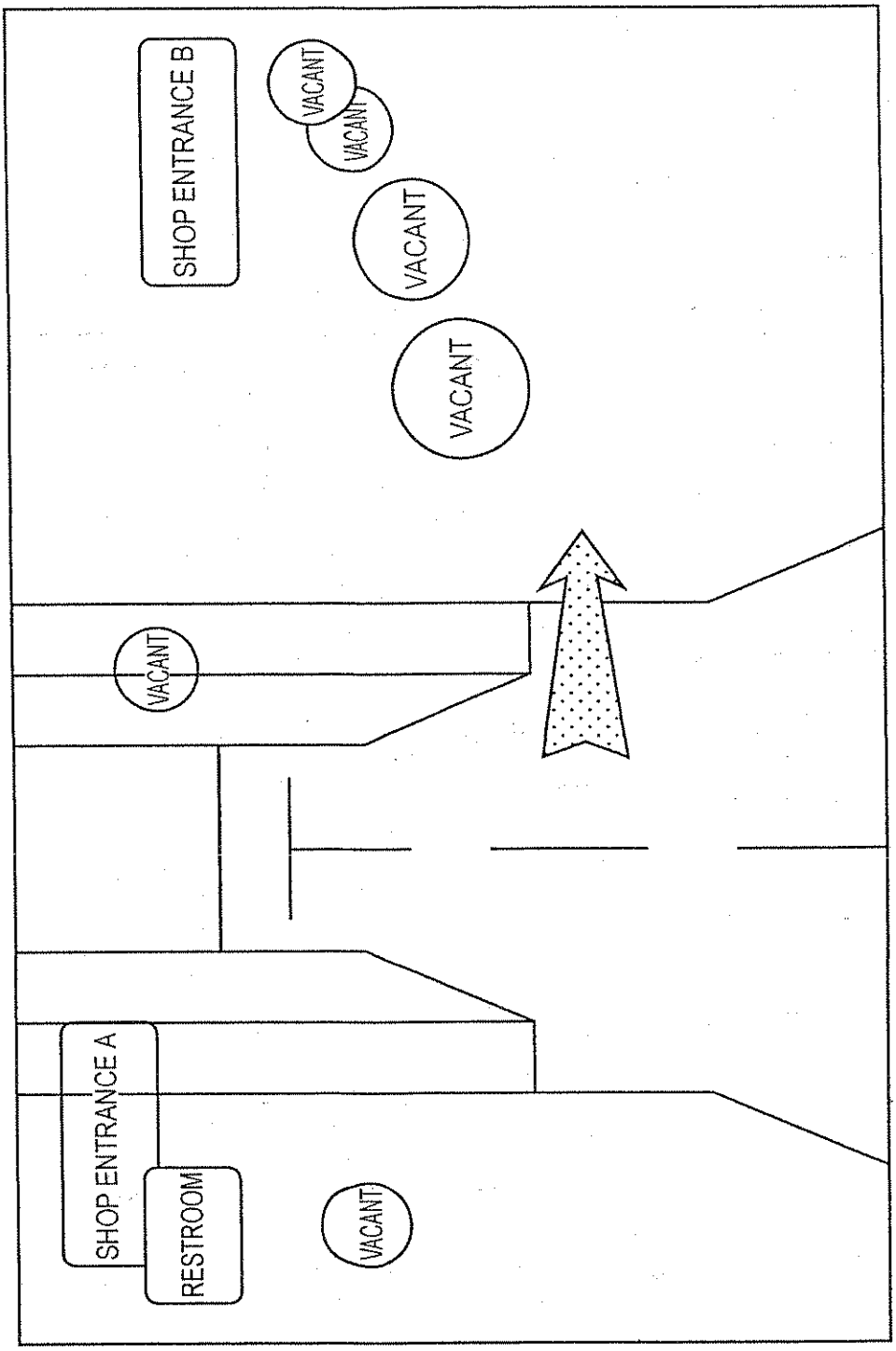

SHOP ENTRANCE B
VACANT
VACANT
VACANT
VACANT
VACANT
SHOP ENTRANCE A
RESTROOM
VACANT

FIG.26

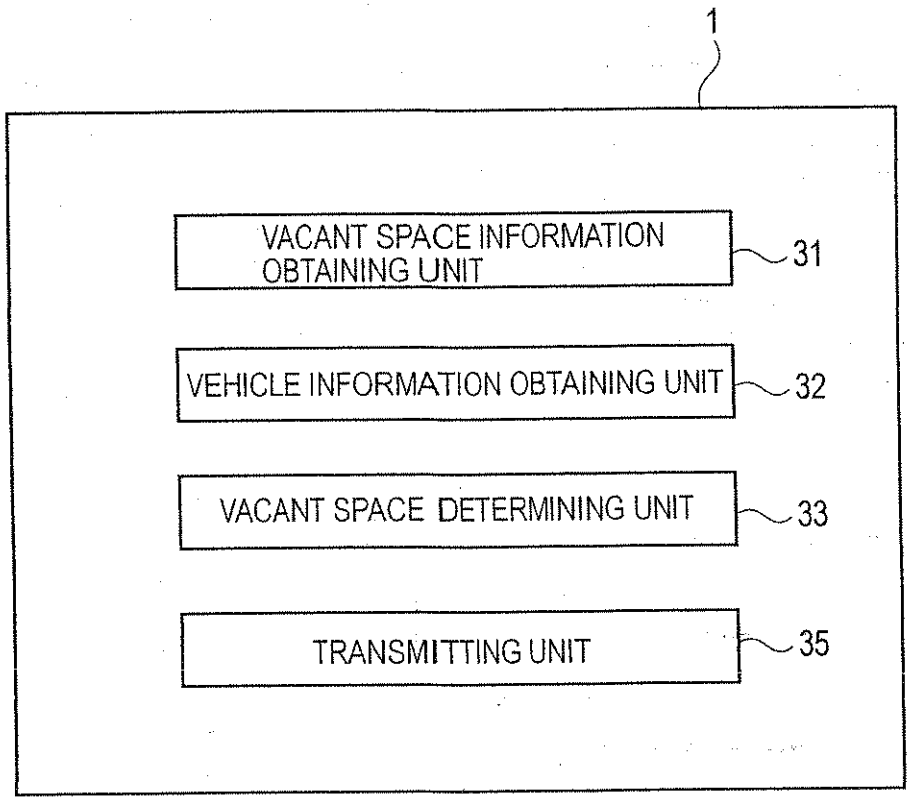

1
VACANT SPACE INFORMATION OBTAINING UNIT
31
VEHICLE INFORMATION OBTAINING UNIT
32
VACANT SPACE DETERMINING UNIT
33
TRANSMITTING UNIT
35

FIG.27

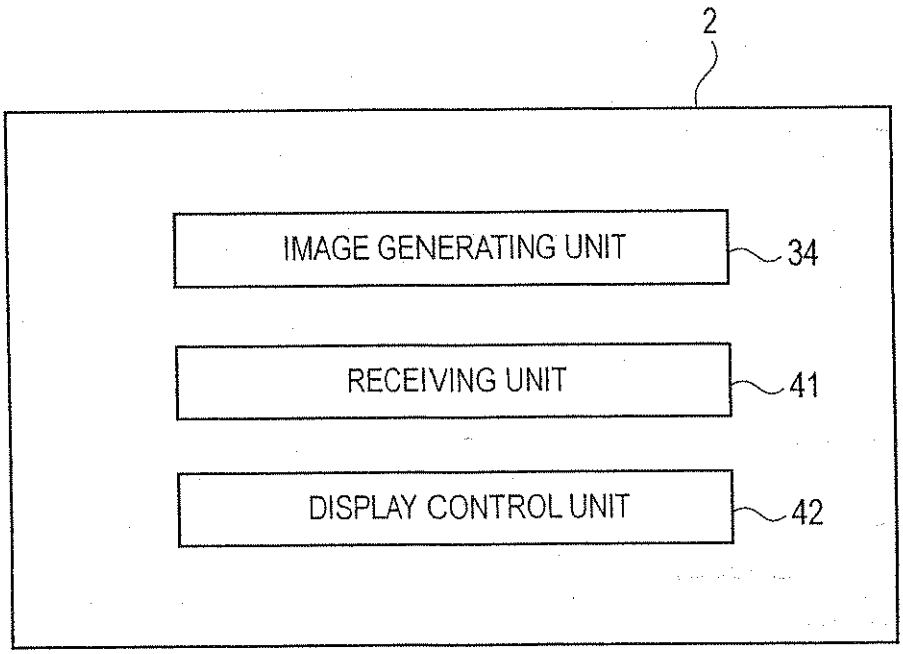

2
IMAGE GENERATING UNIT
34
RECEIVING UNIT
41
DISPLAY CONTROL UNIT
42

FIG.28

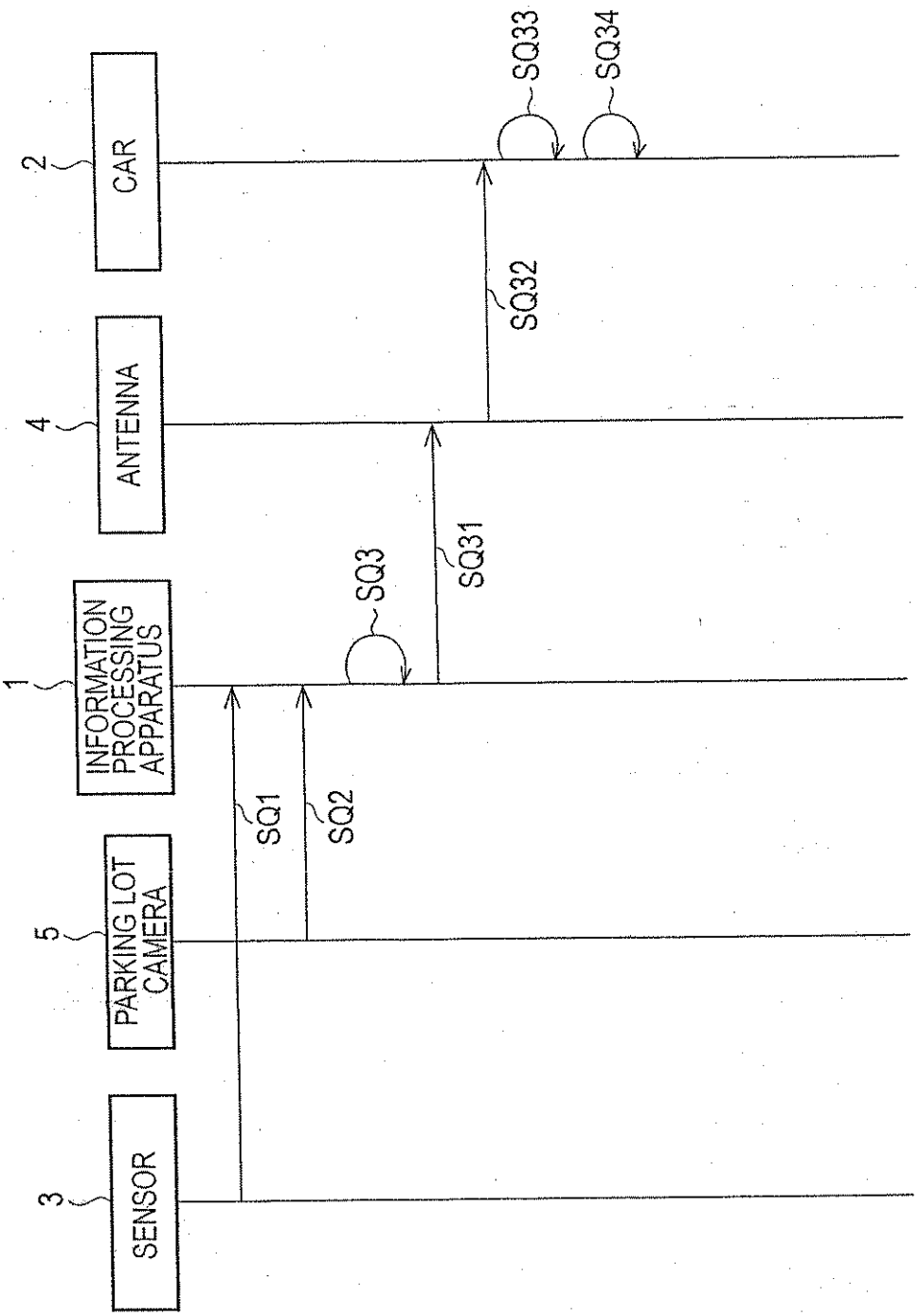

1
INFORMATION PROCESSING APPARATUS
2
CAR
3
SENSOR
4
ANTENNA
5
PARKING LOT CAMERA
SQ1
SQ2
SQ3
SQ31
SQ32
SQ33
SQ34

FIG.29

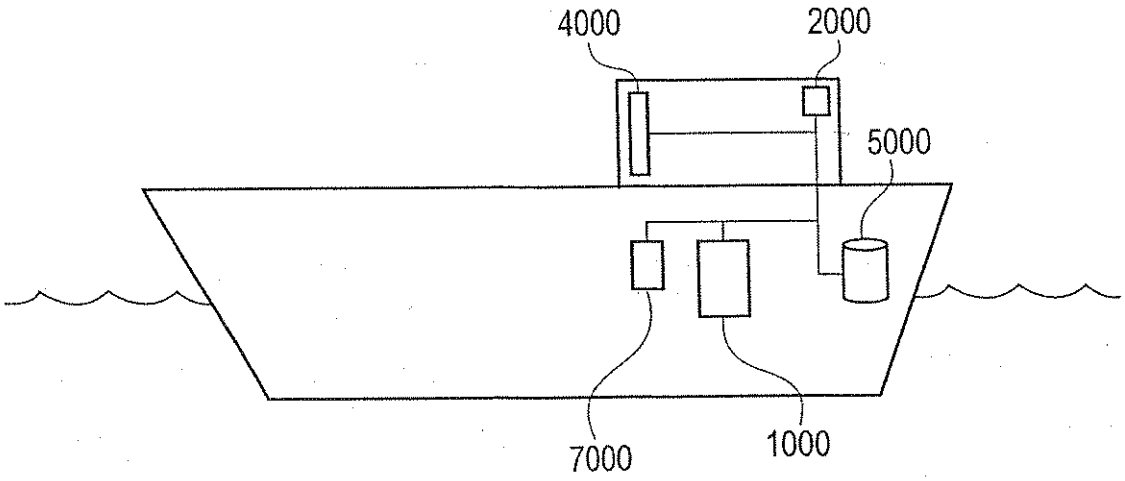


FIG.30

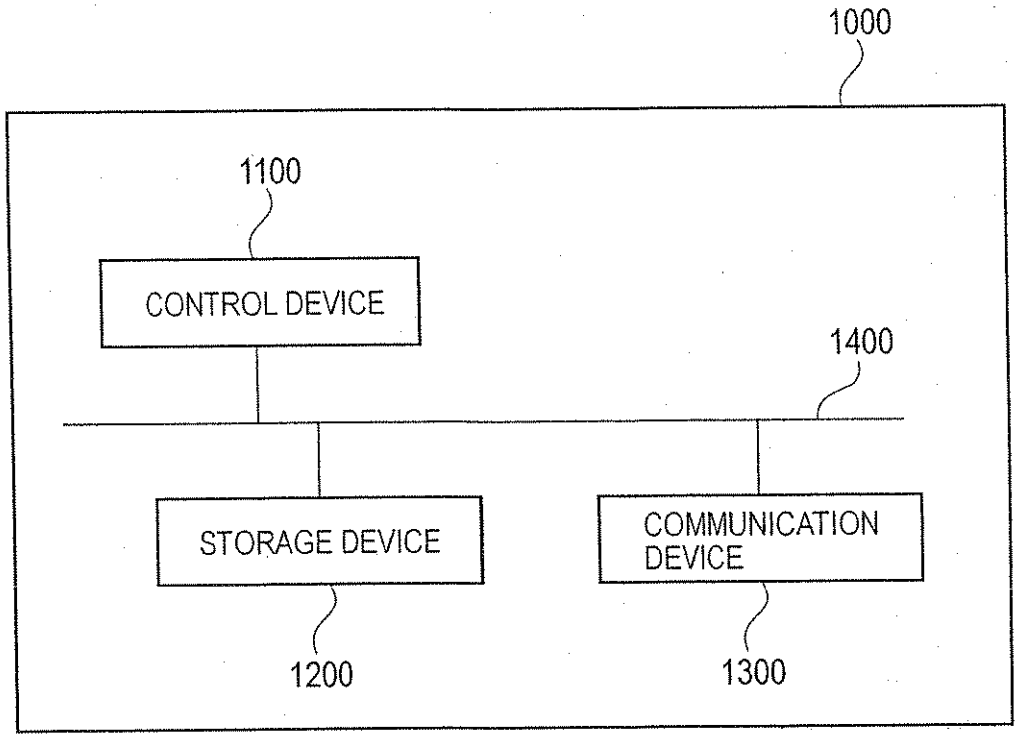

1000
1100
CONTROL DEVICE
1400
STORAGE DEVICE
COMMUNICATION DEVICE
1200
1300

FIG.31

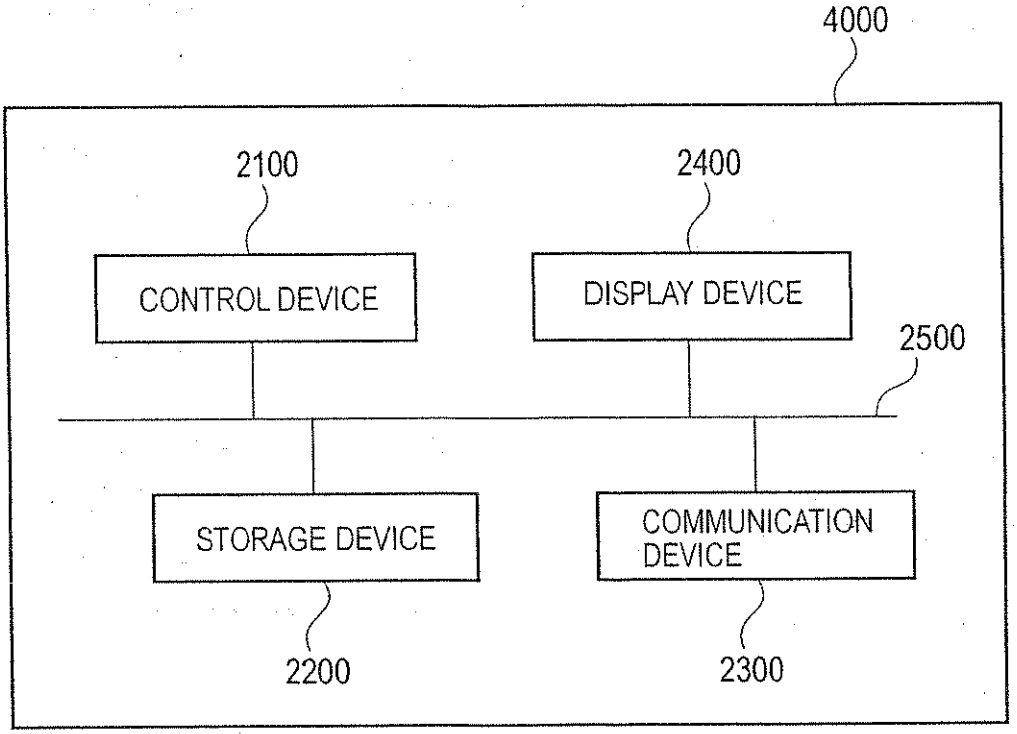

4000
2100
2400
CONTROL DEVICE
DISPLAY DEVICE
2500
STORAGE DEVICE
COMMUNICATION DEVICE
2200
2300

FIG.32

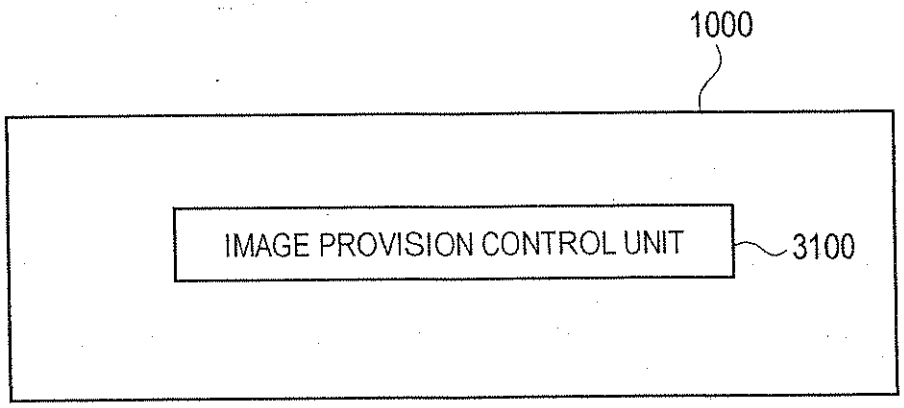


FIG.33

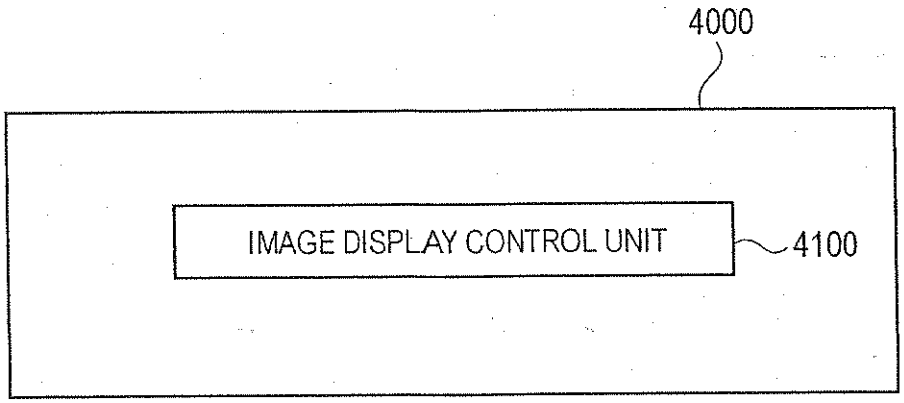


FIG.34

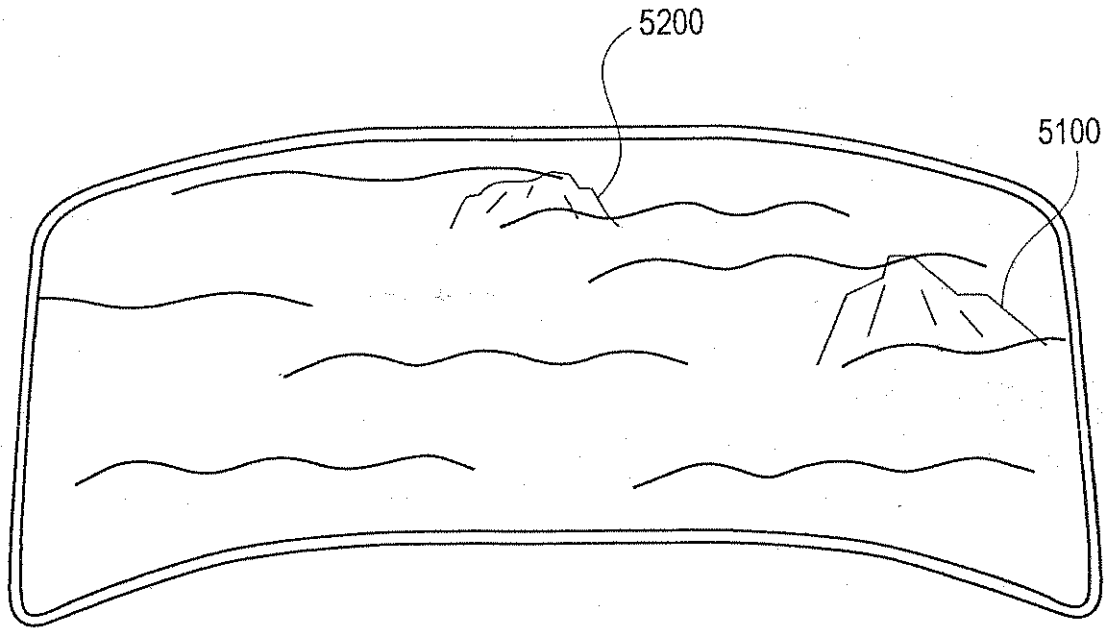


FIG.35

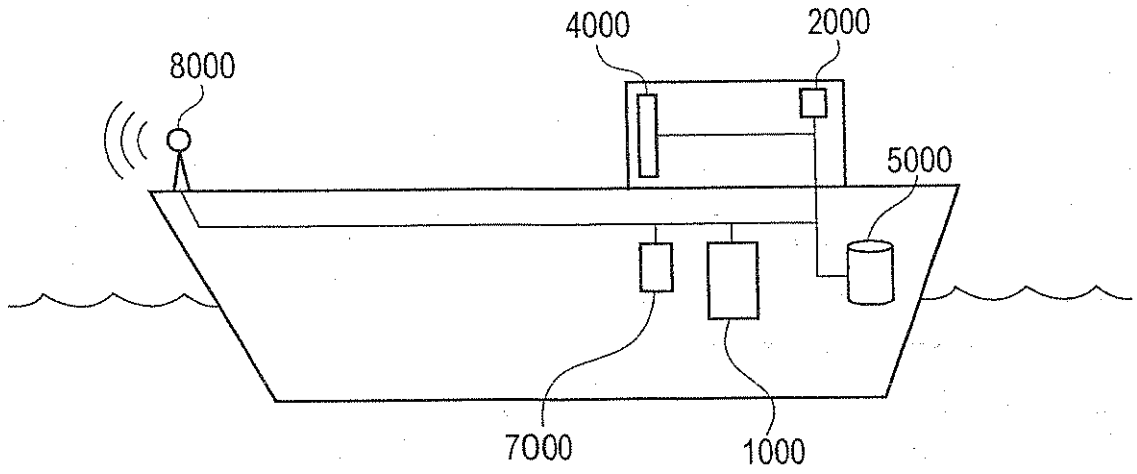


FIG.36

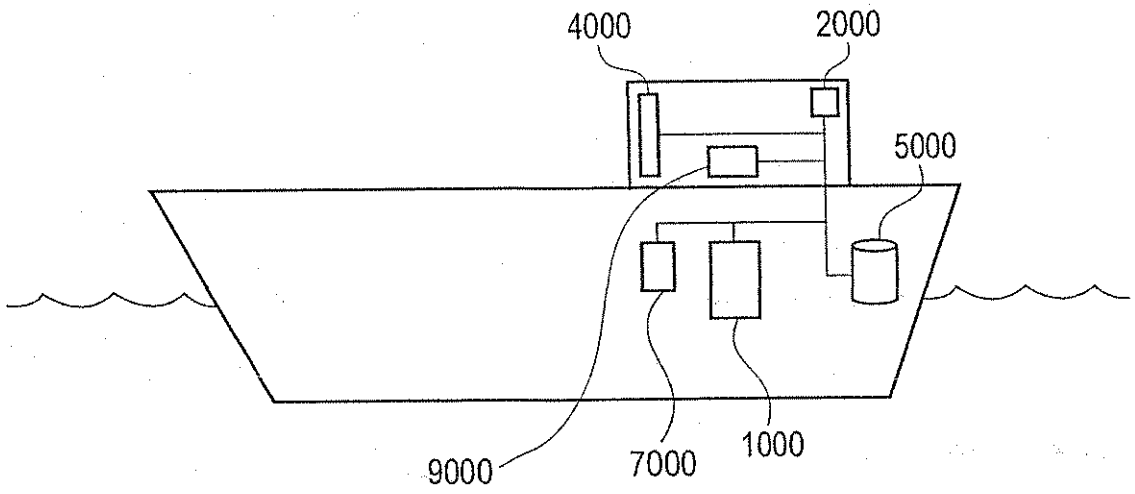


FIG.37

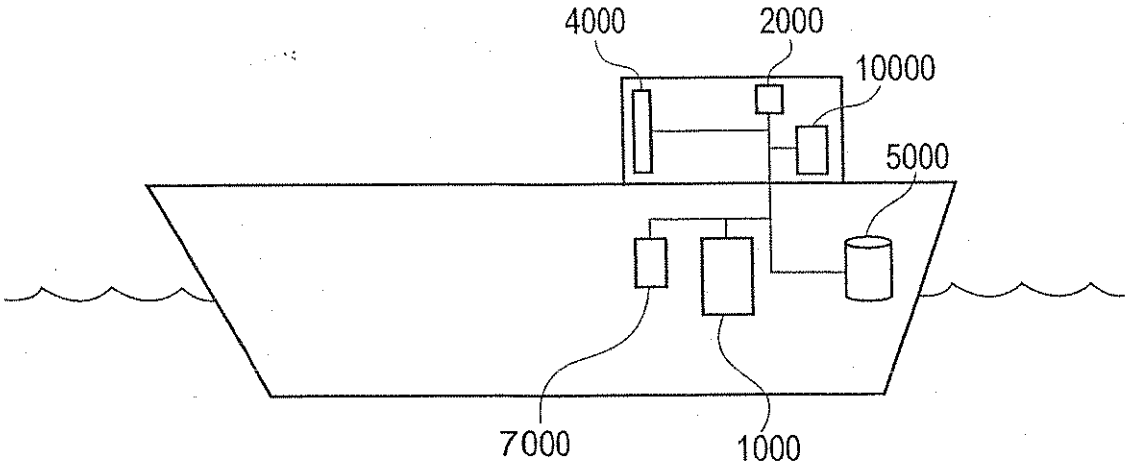


FIG.38

