

FIG. 1

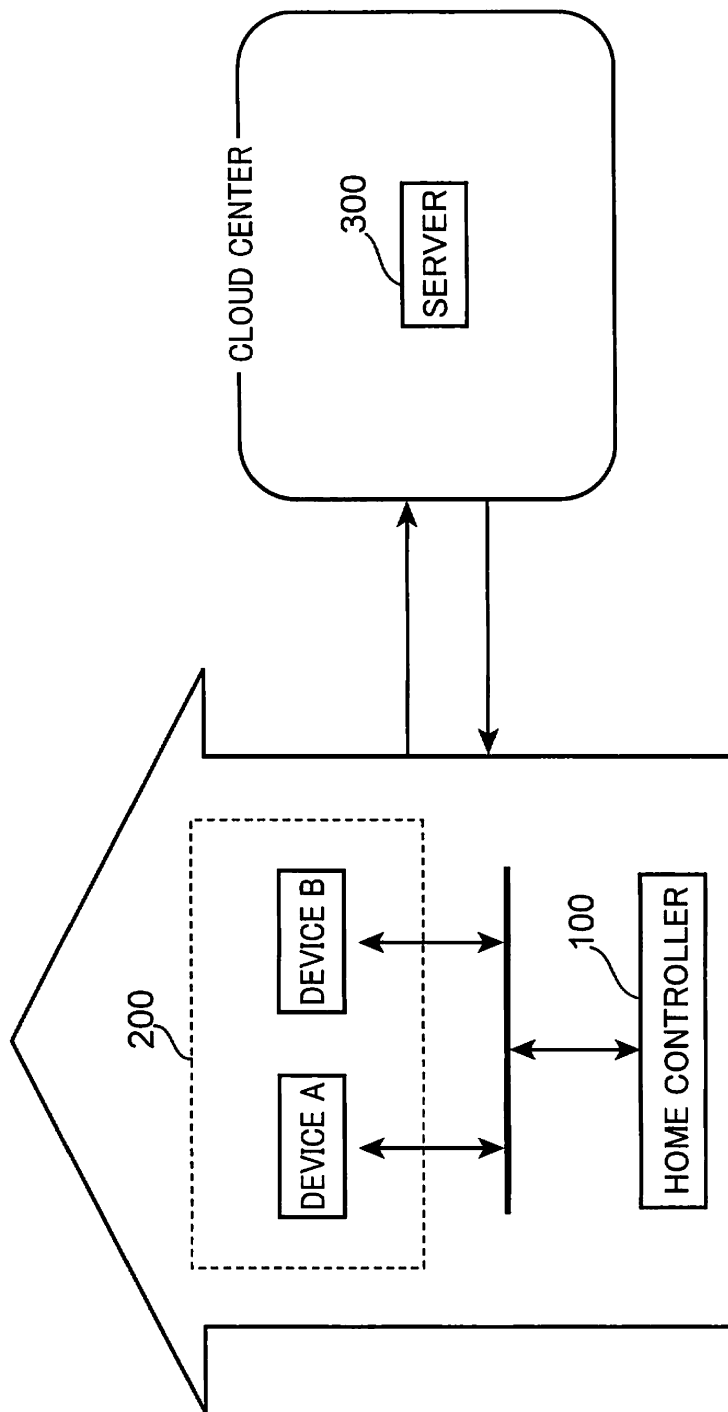


FIG. 2

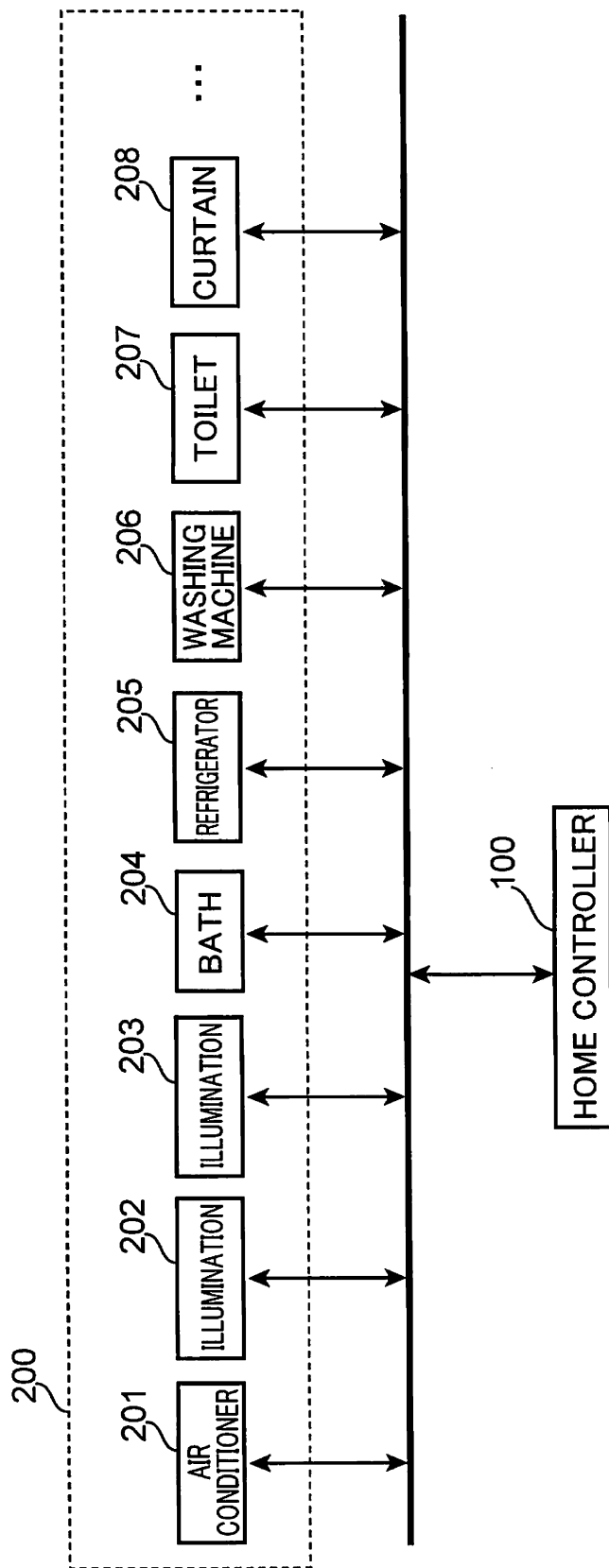


FIG.3

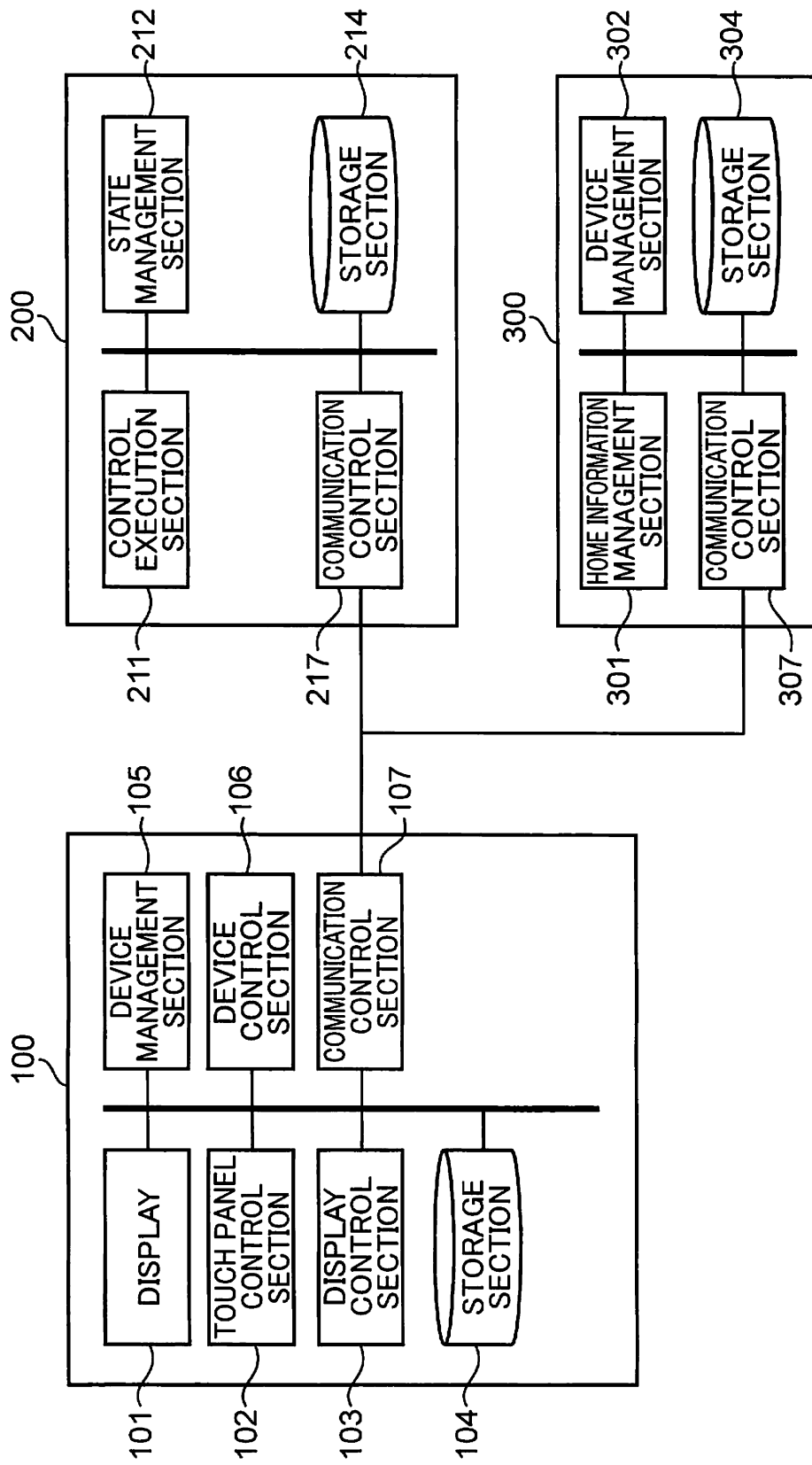


FIG. 4

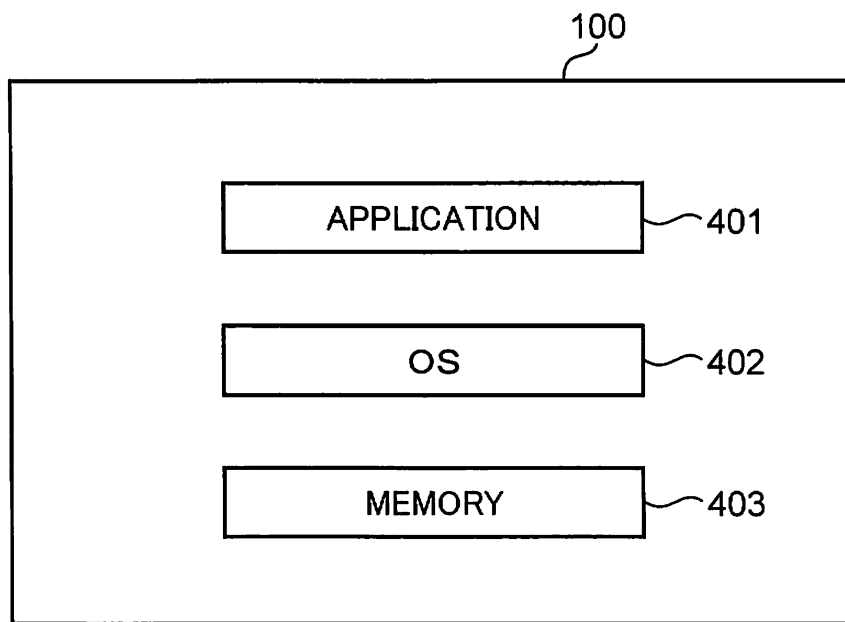


FIG. 5

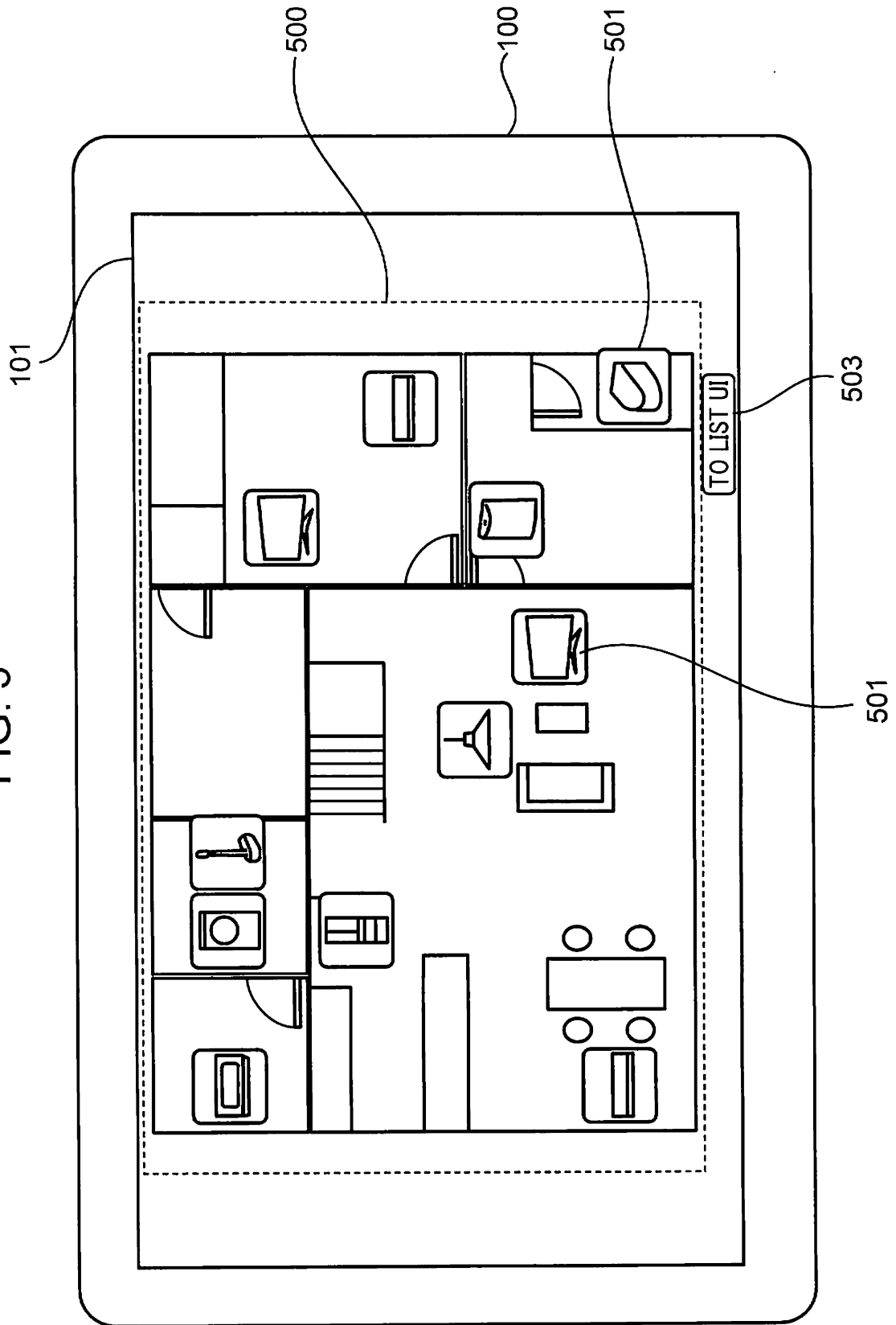


FIG. 6

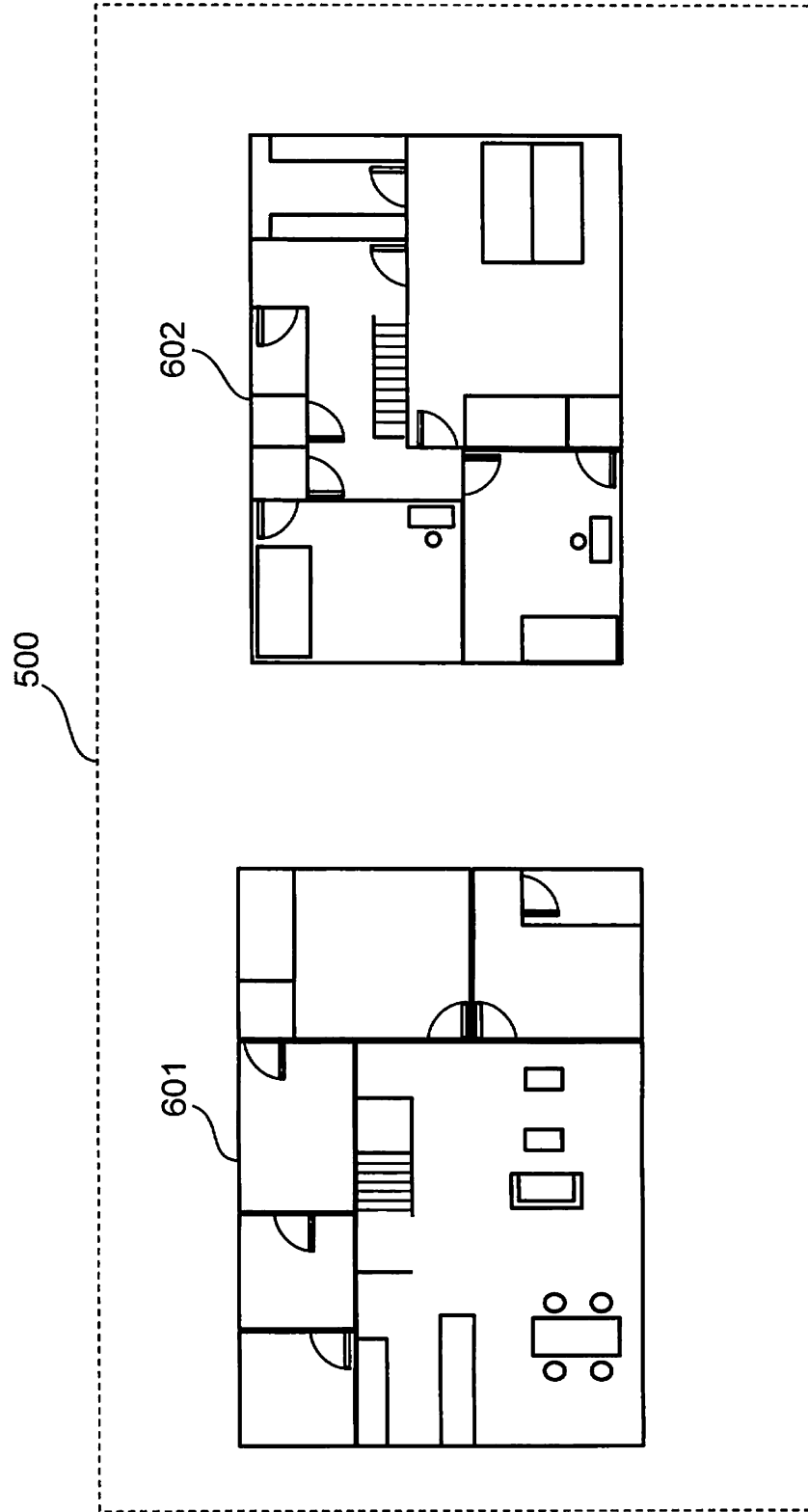


FIG. 7

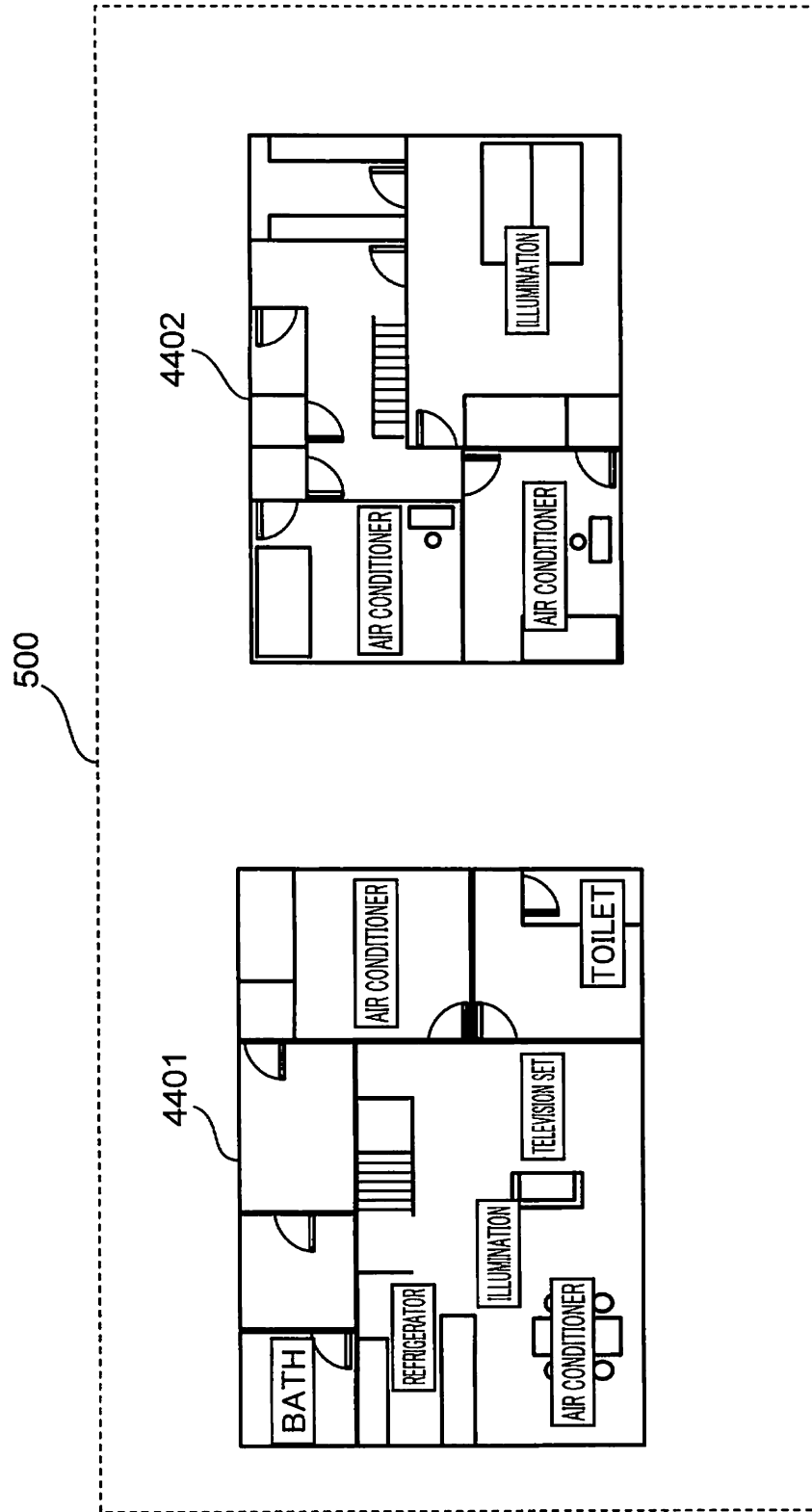


FIG. 8

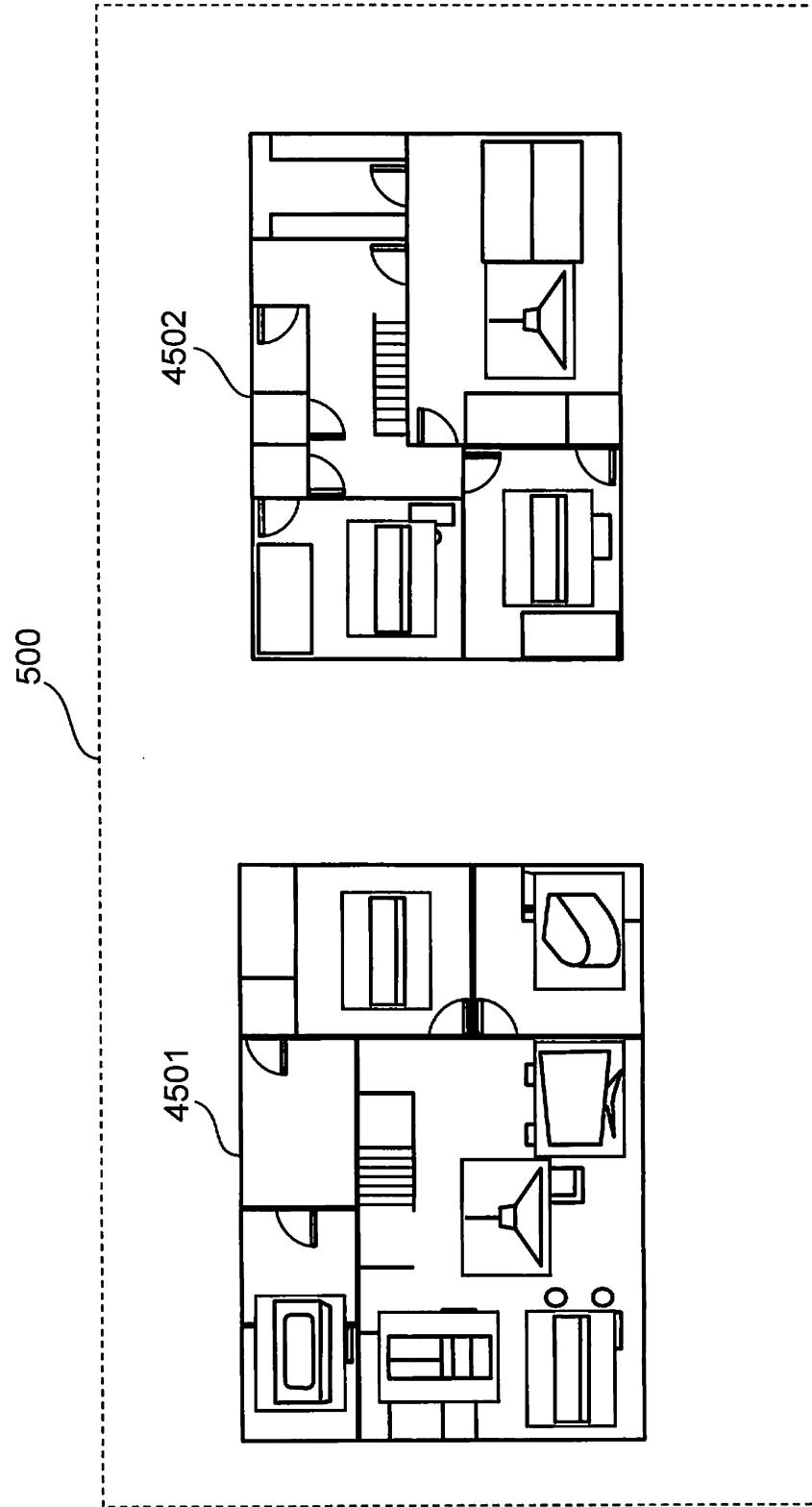


FIG. 9

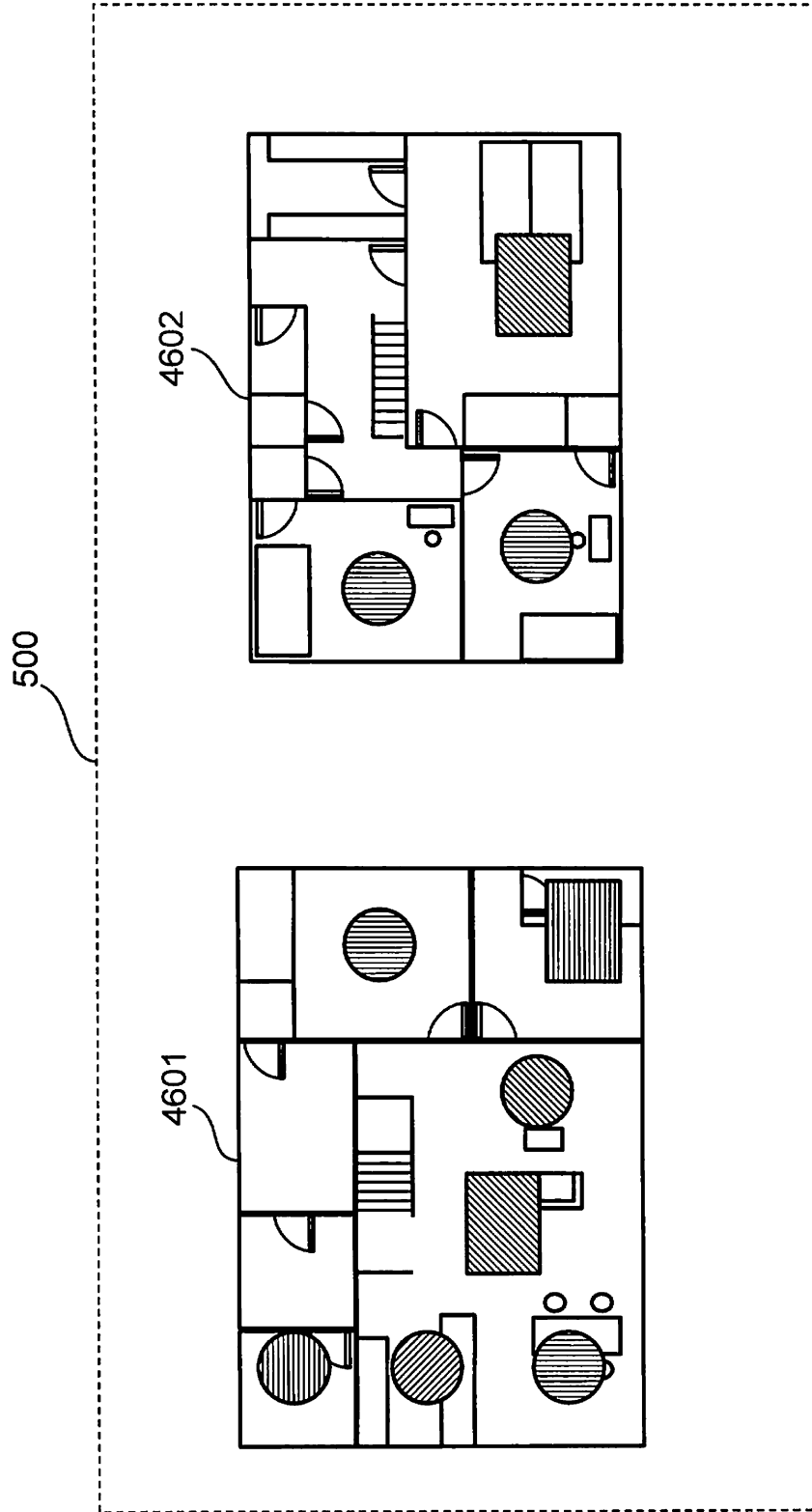


FIG. 10

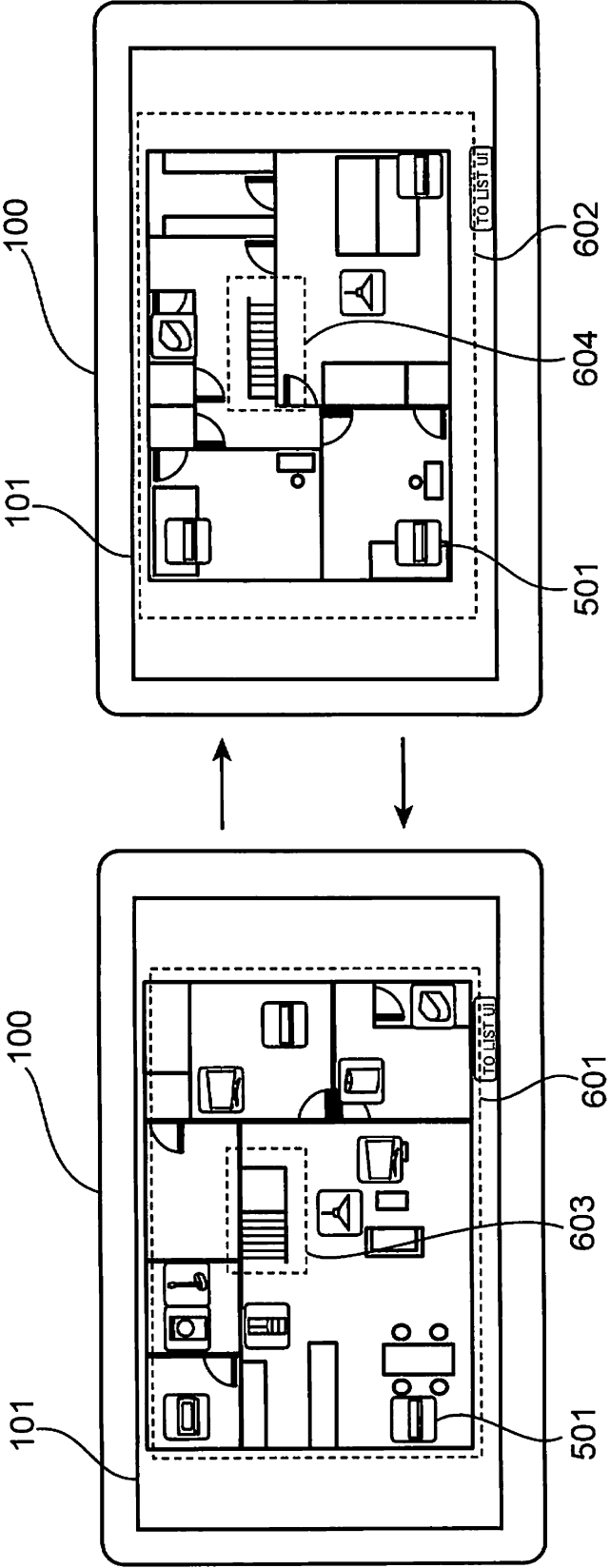


FIG. 11

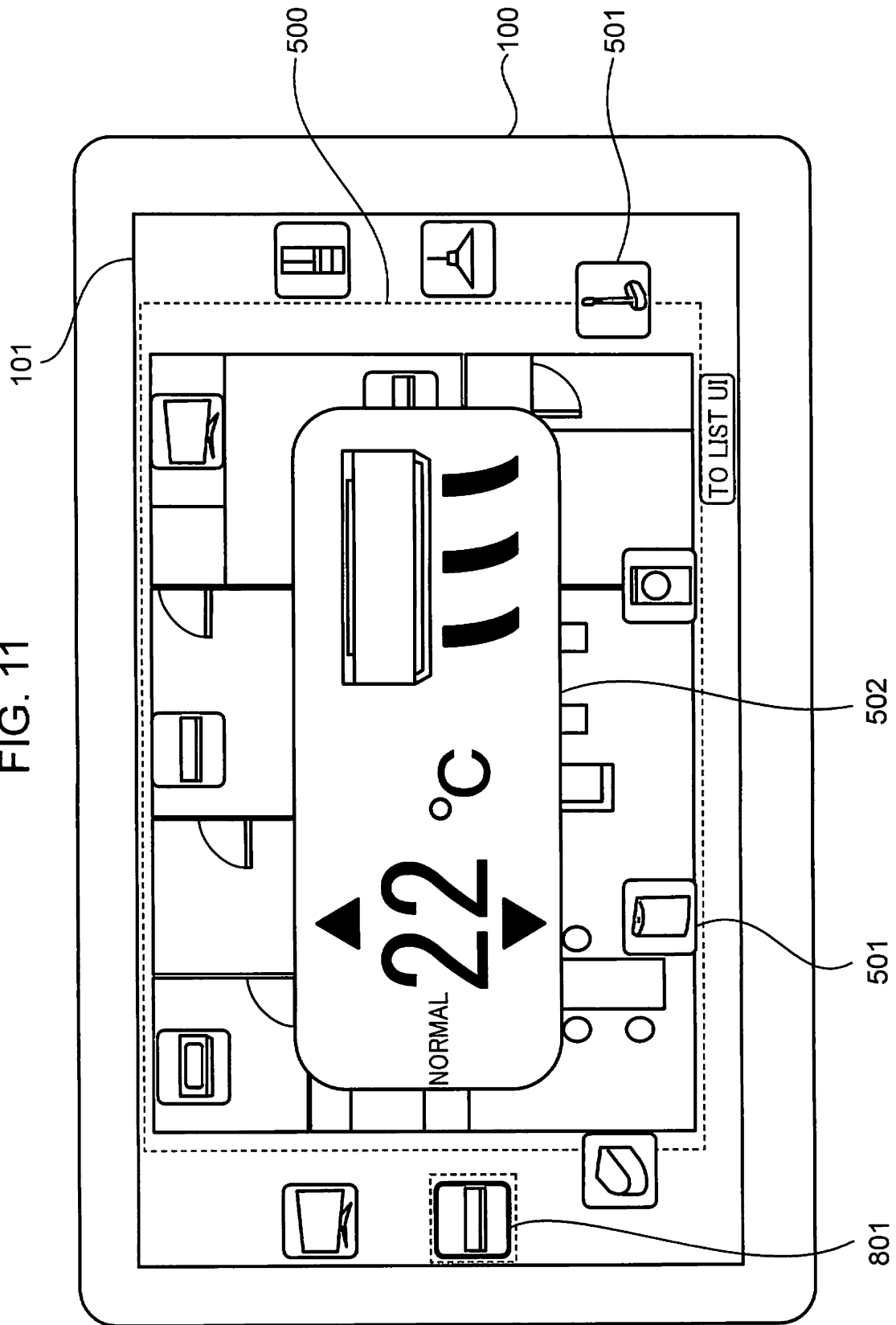


FIG. 12

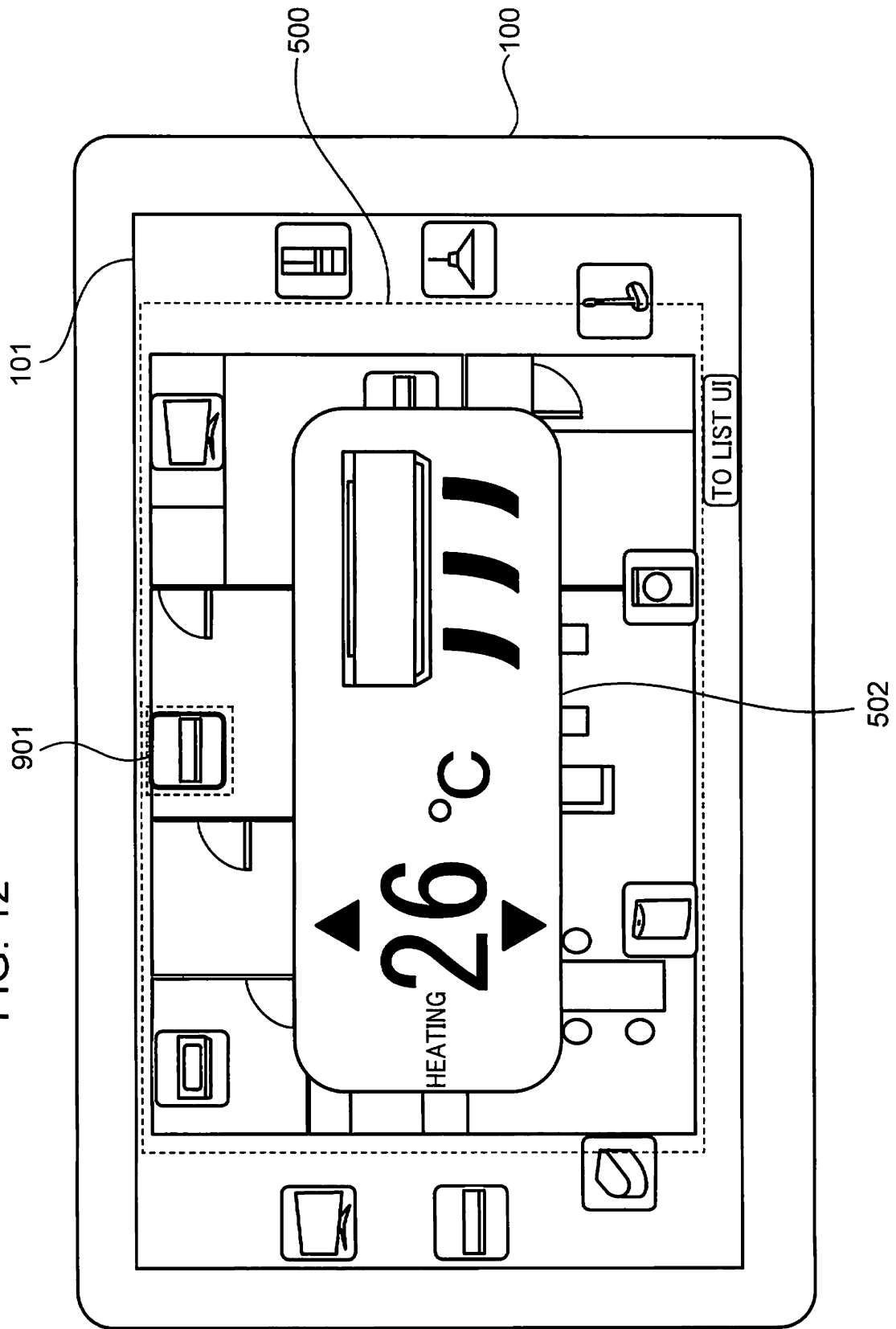


FIG. 13

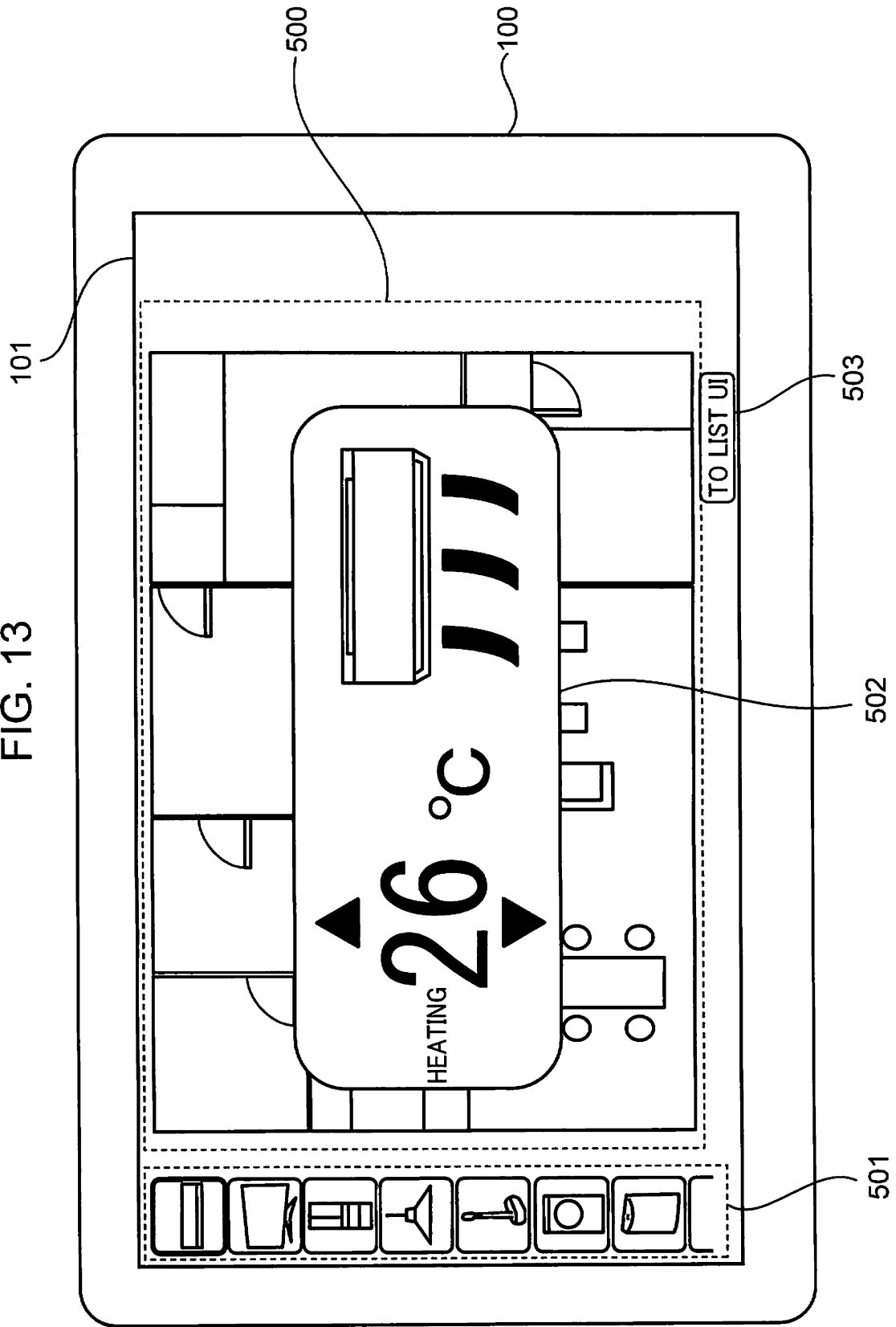


FIG. 14

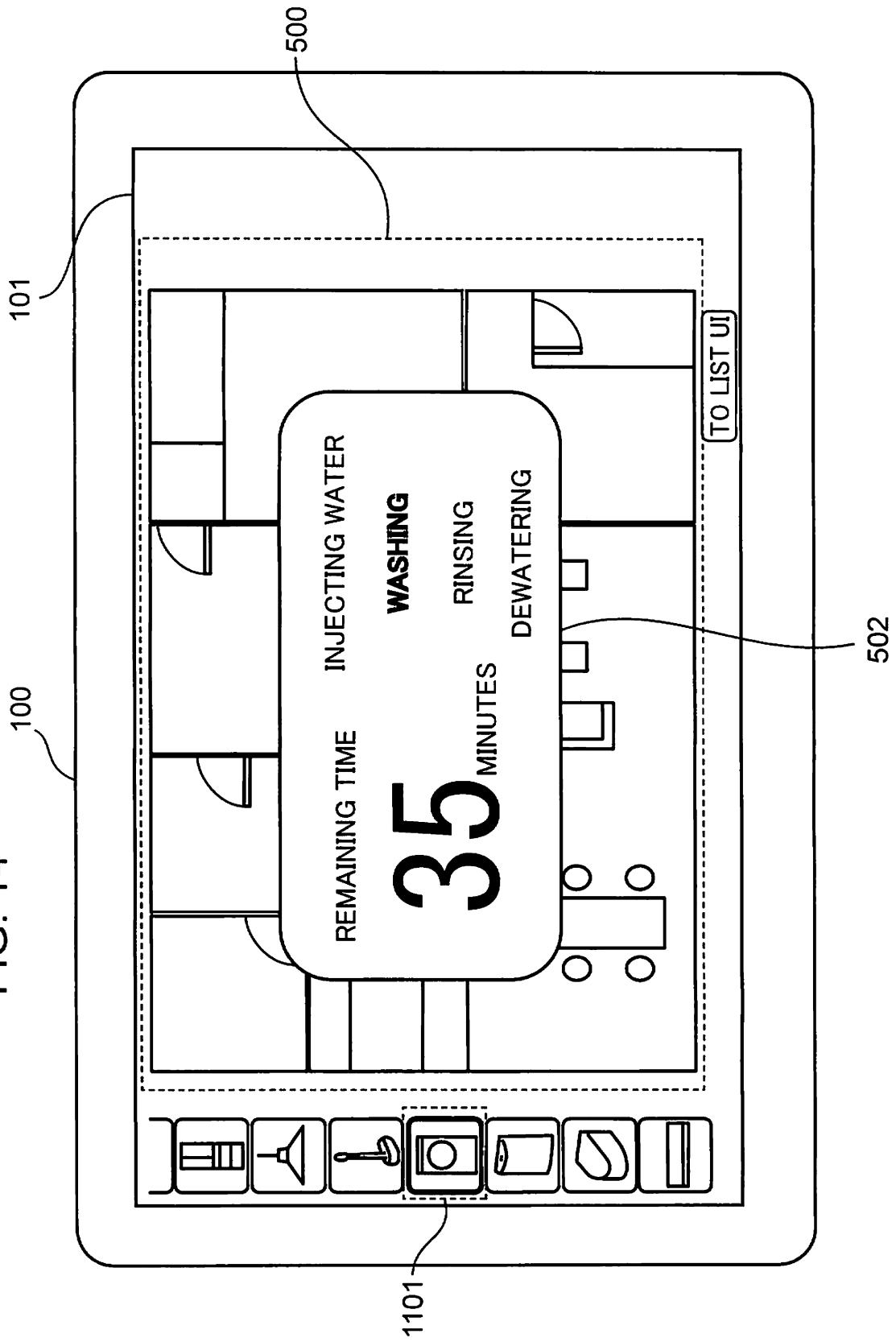


FIG. 15

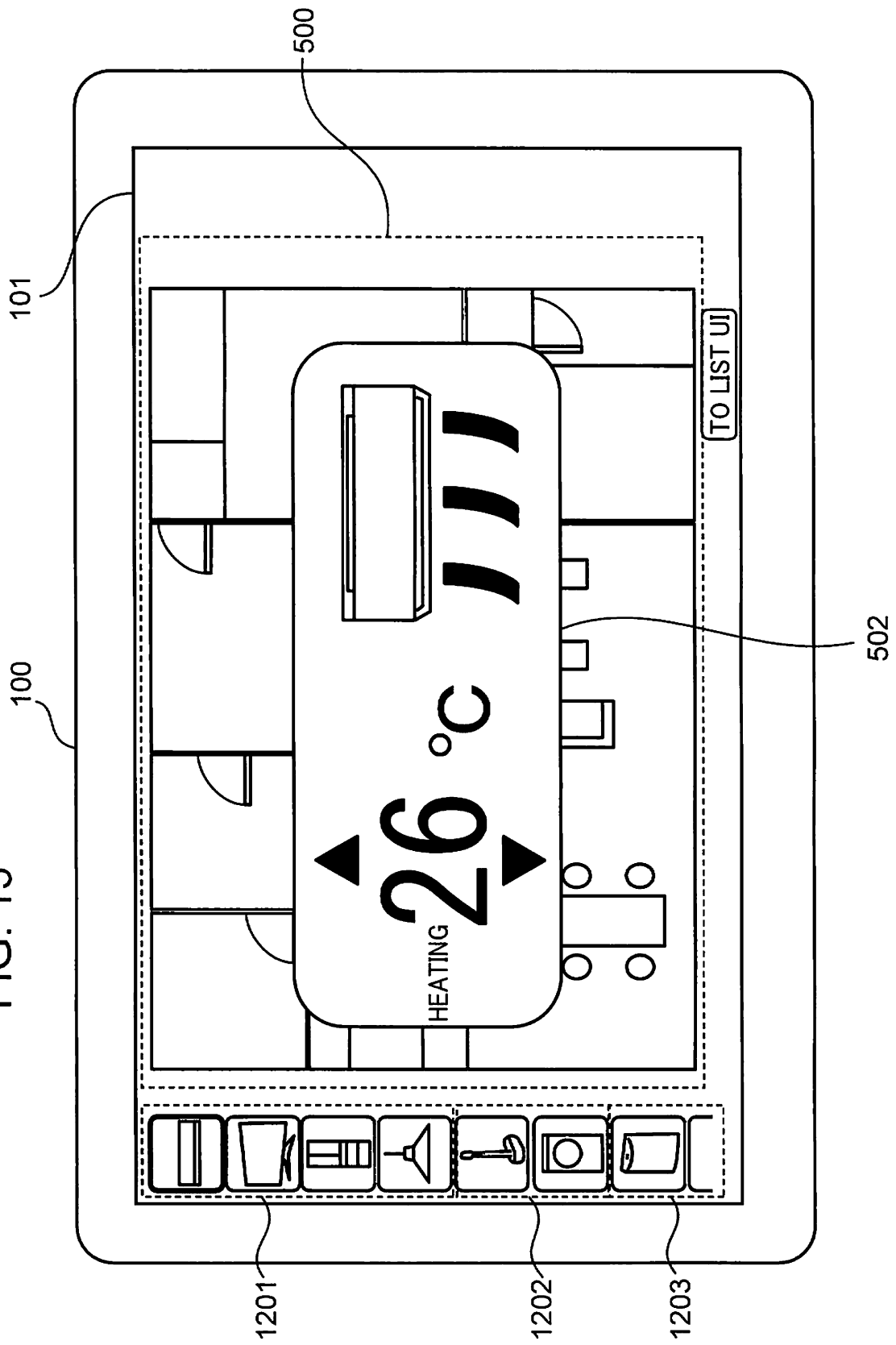


FIG. 16

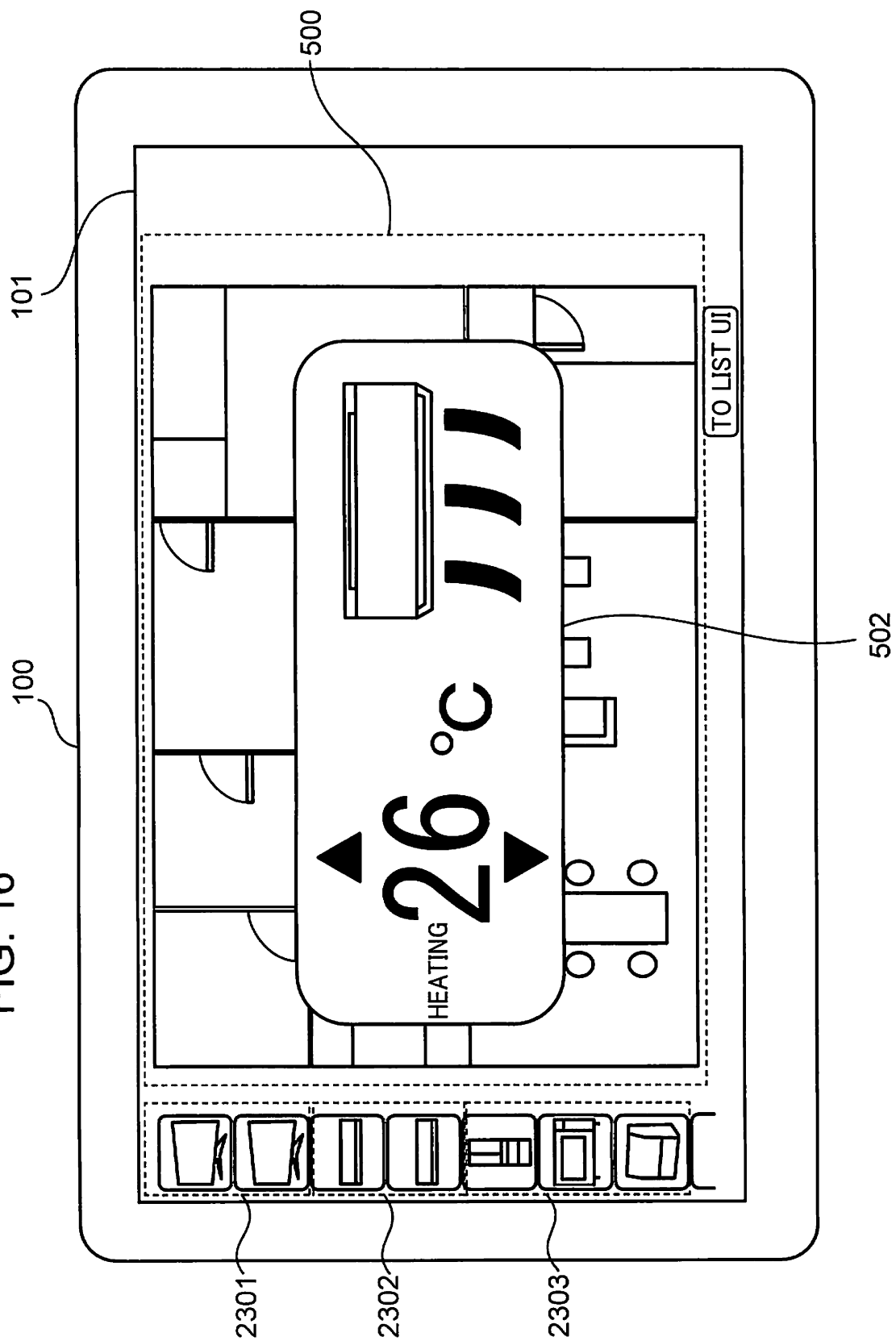


FIG. 17A

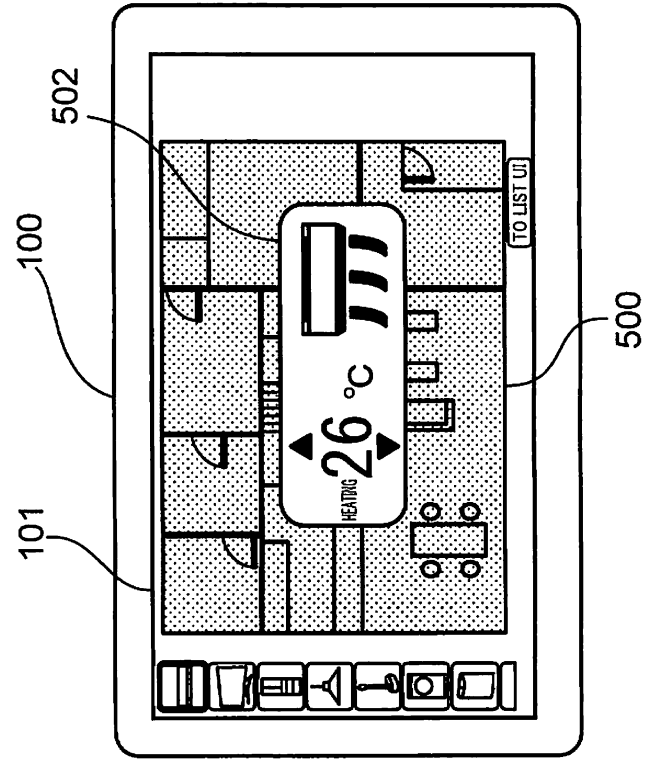


FIG. 17B

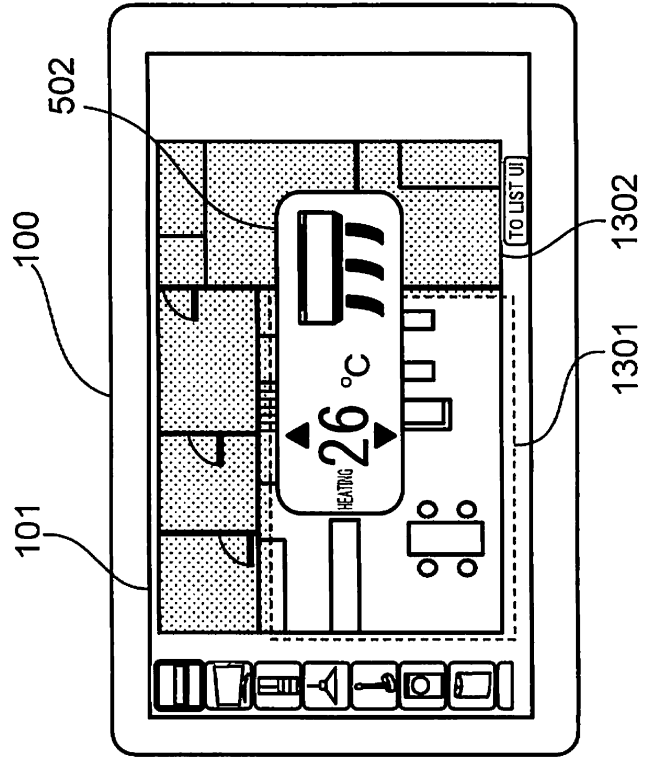


FIG. 18

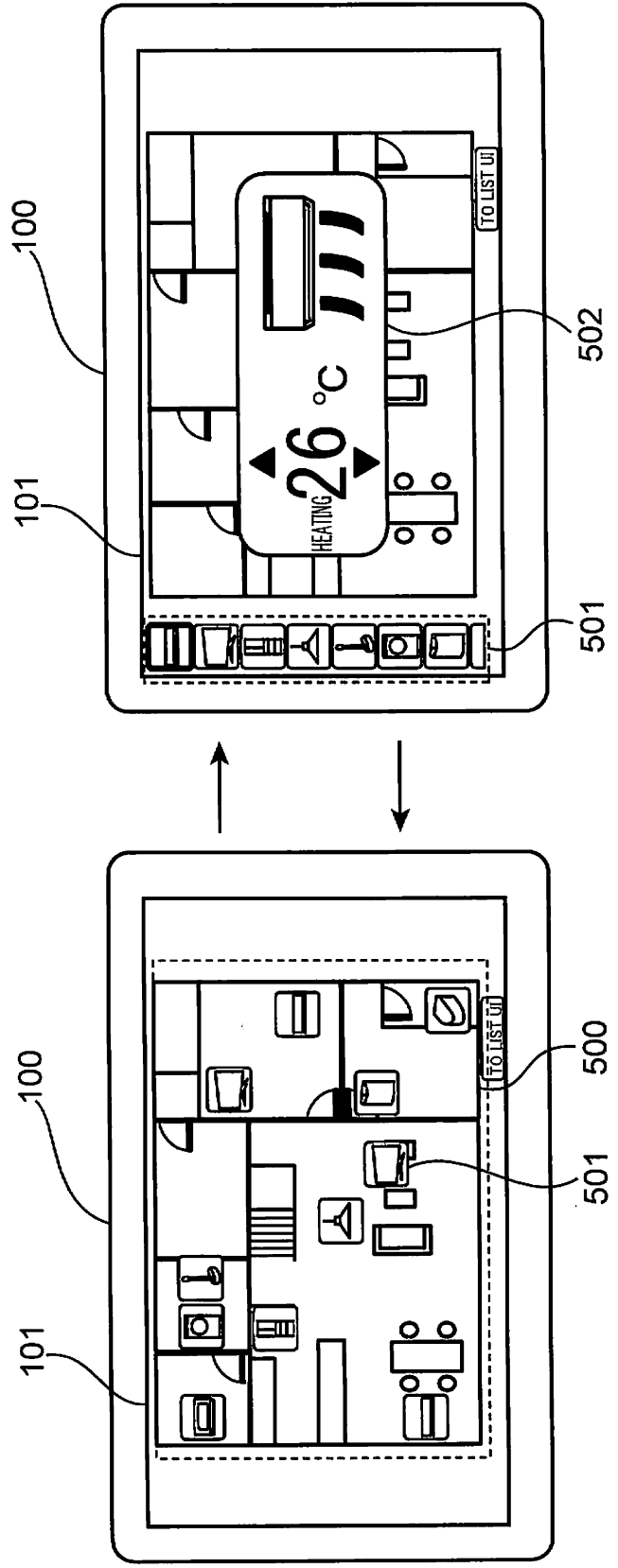


FIG. 19

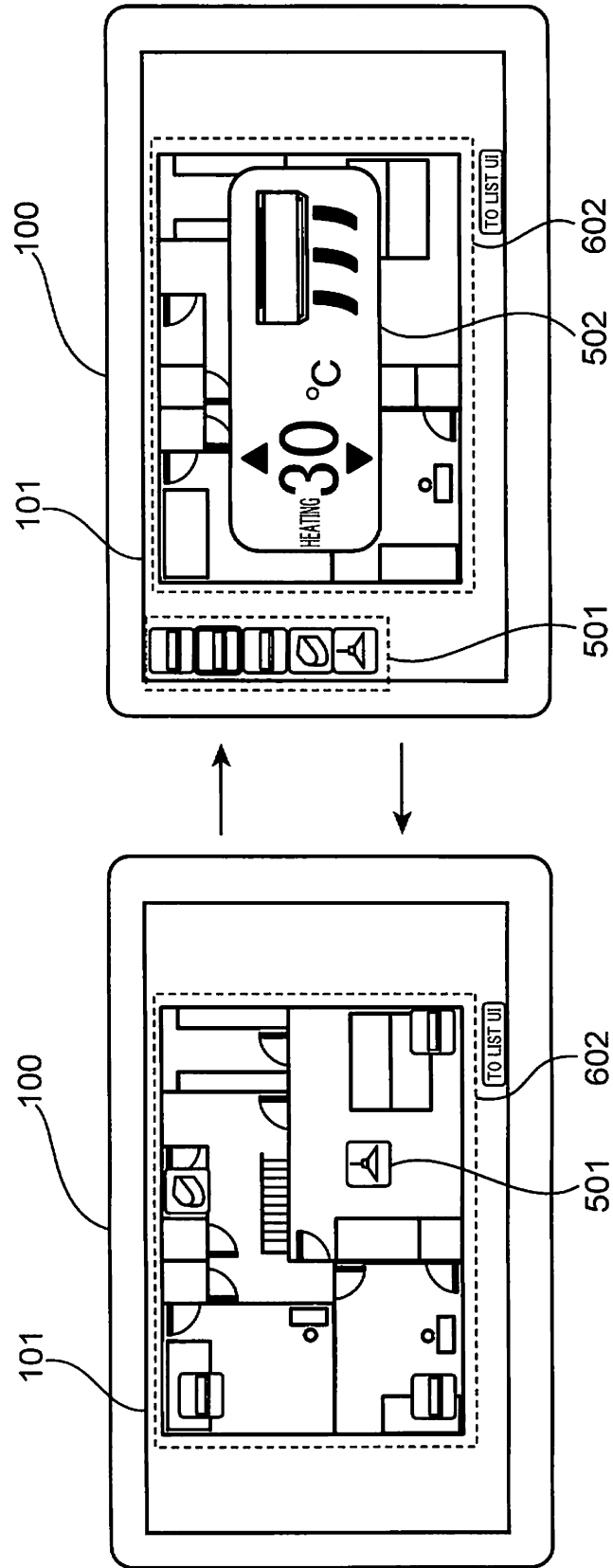


FIG. 20

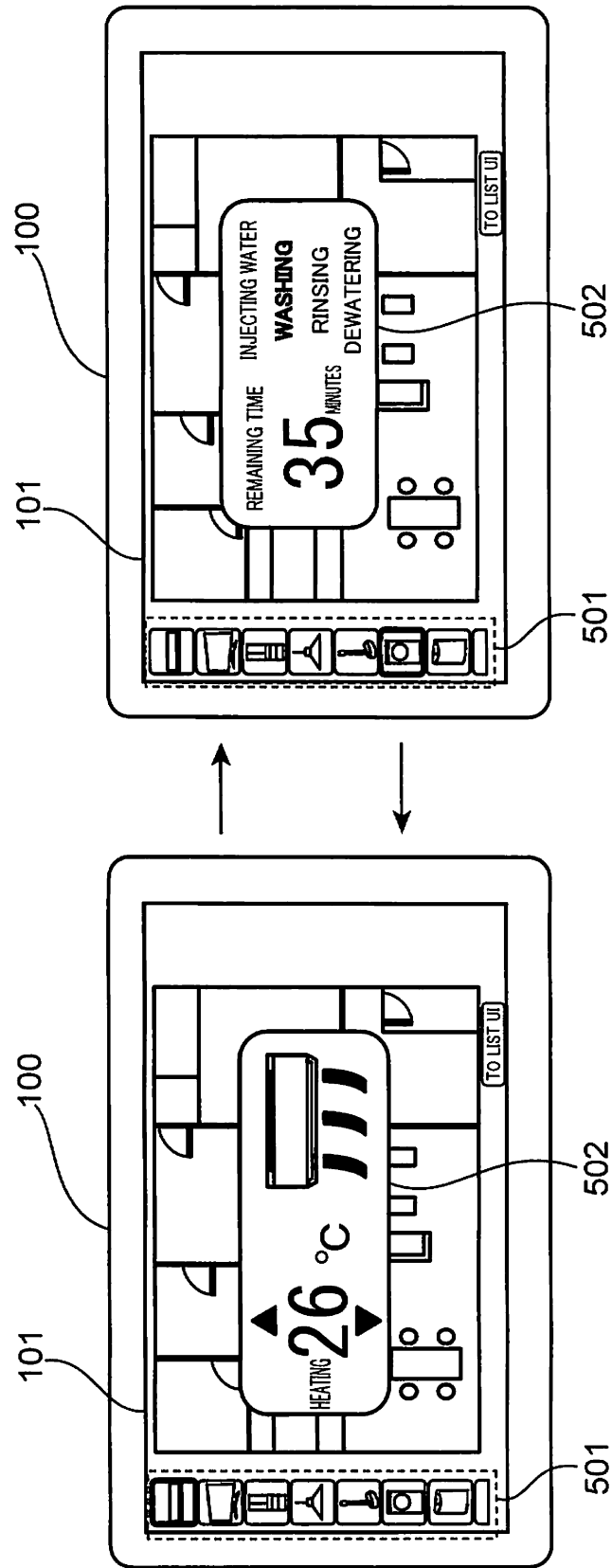
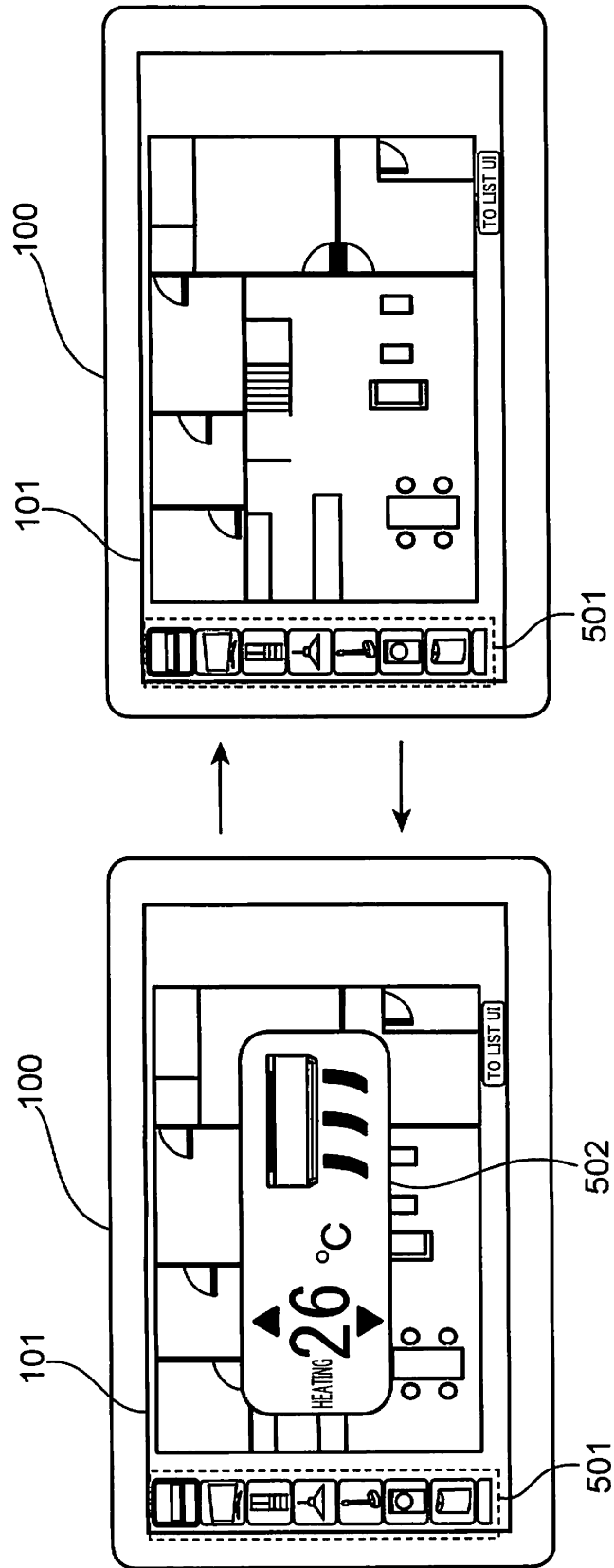


FIG. 21



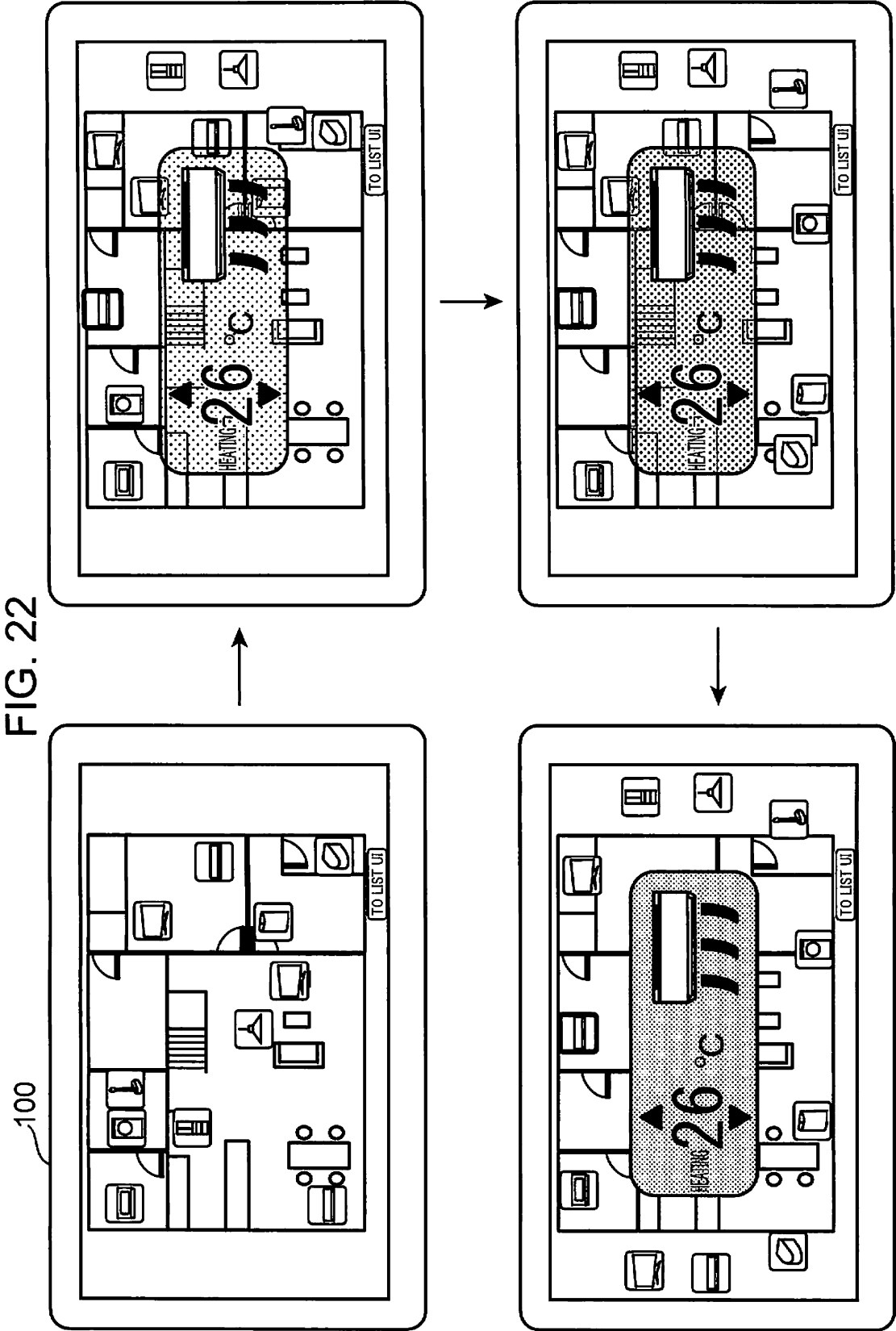
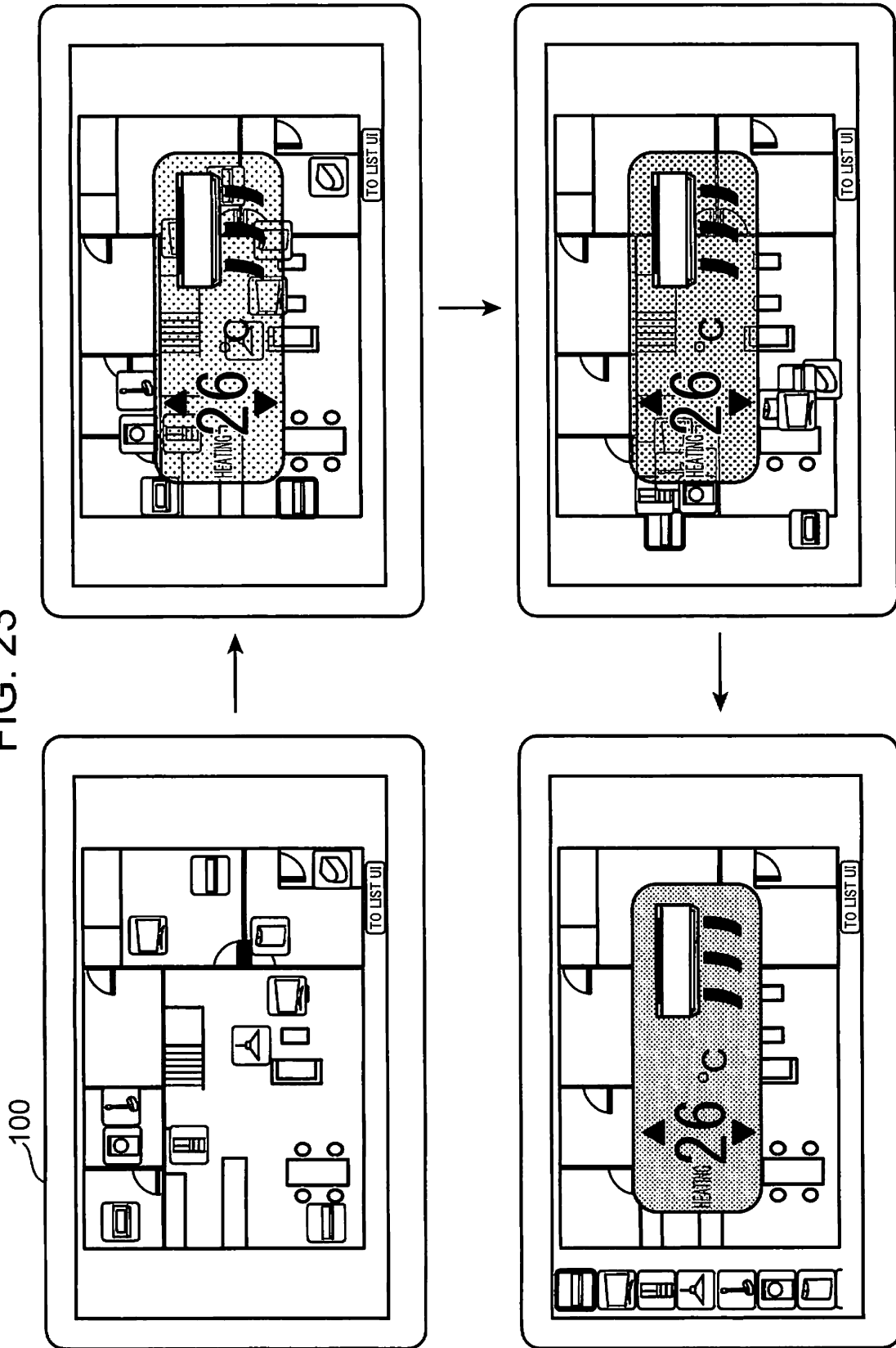


FIG. 23



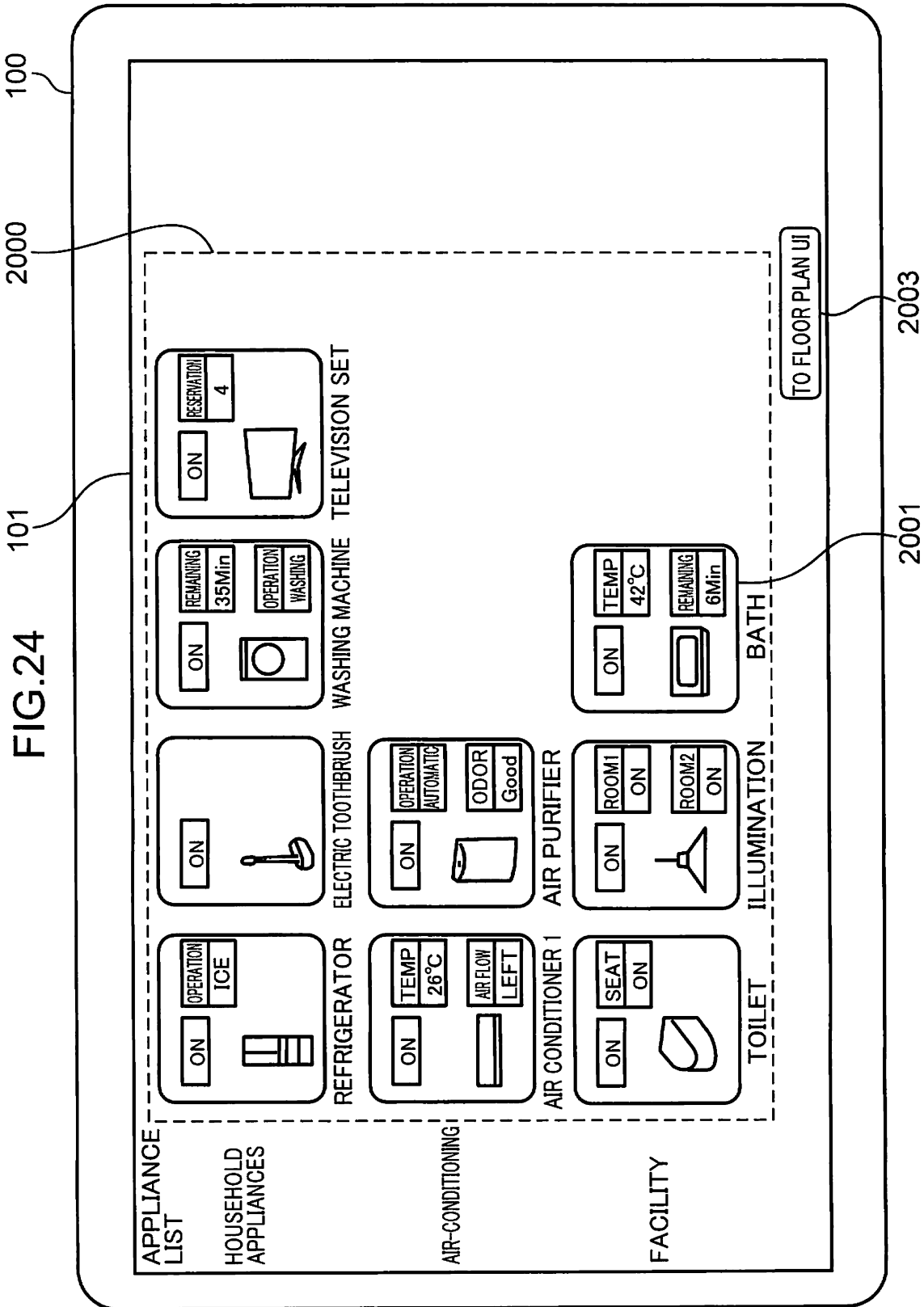


FIG. 25

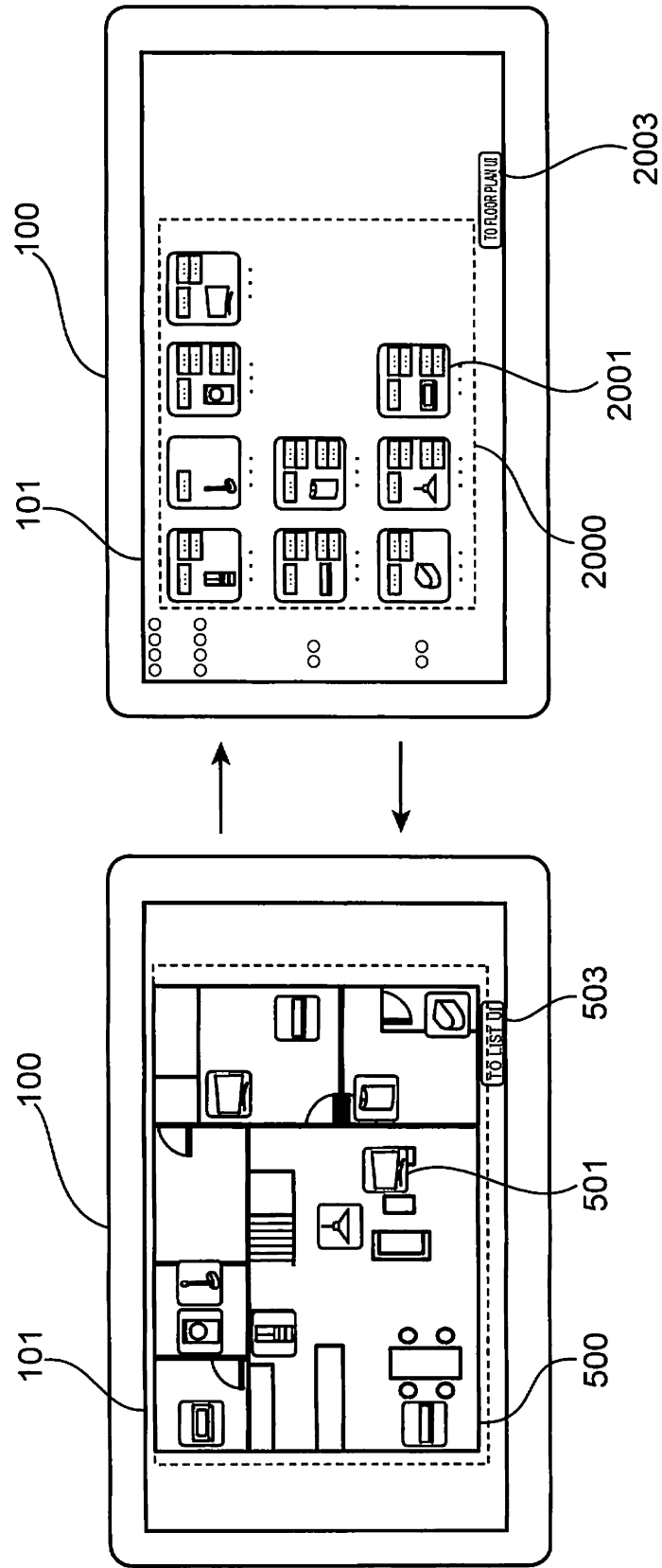


FIG. 26

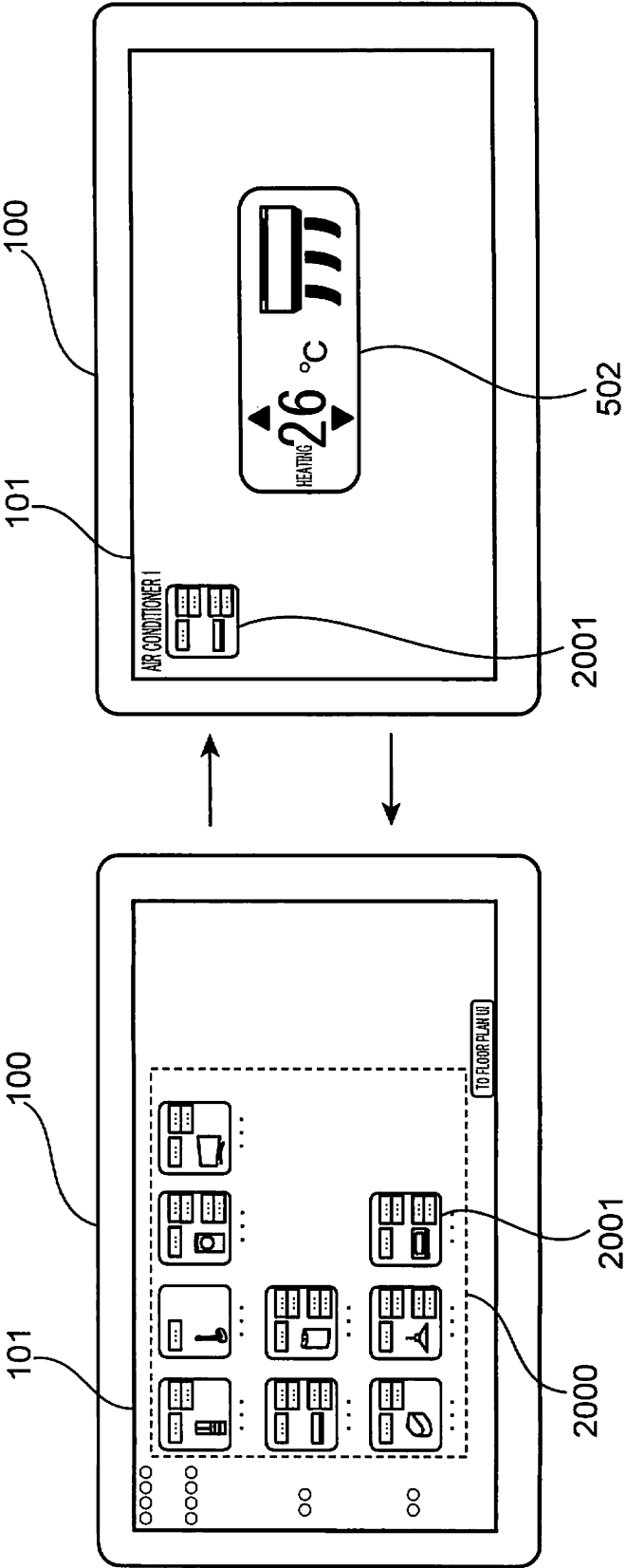


FIG.28

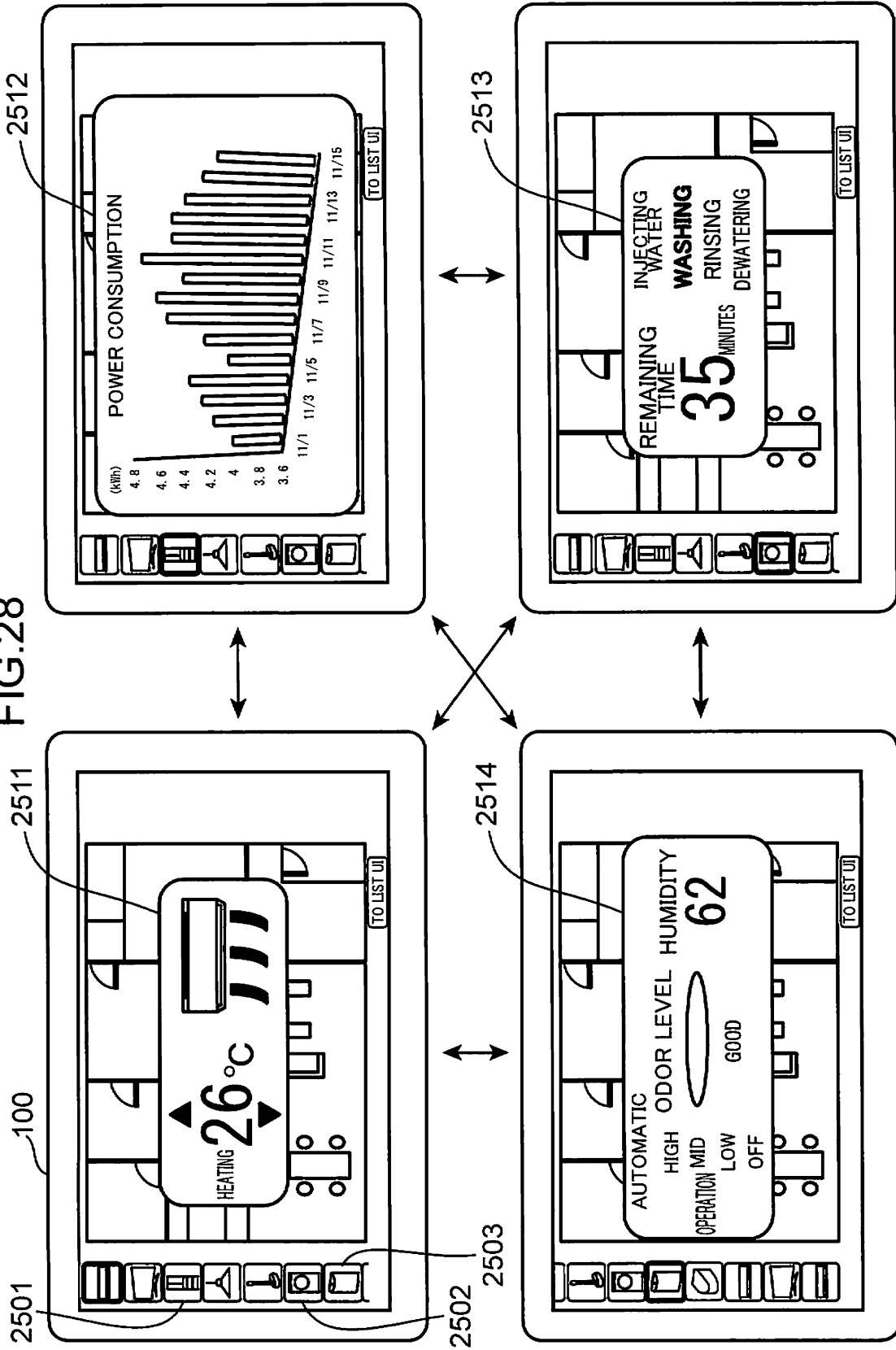


FIG. 29

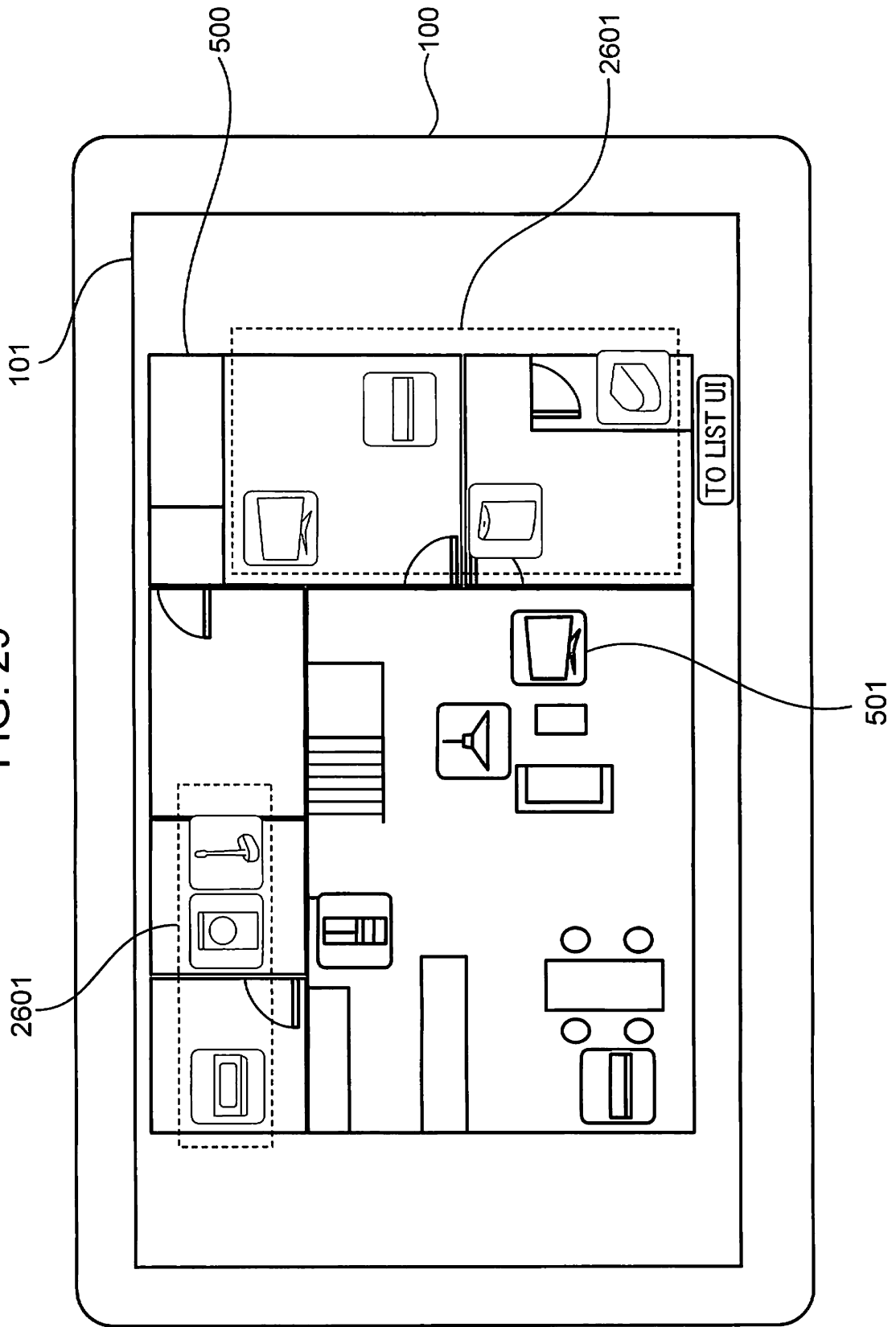


FIG. 30

2700

500	FLOOR PLAN
2800	VERTEX INFORMATION
2900	ROOM INFORMATION
4700	DEVICE LIST MANAGED BY SERVER

FIG. 31

2800

2801	2802
VERTEX ID	VERTEX COORDINATE
A	(X0,Y0,Z1)
B	(X20,Y0,Z1)
C	(X40,Y0,Z1)
...	
P	(X150,Y100,Z1)

FIG. 32

2900

2901	2902	2903
VERTEX ID	ROOM TYPE	ROOM COORDINATE
A	LIVING ROOM	(F,G,H,I,L,O,N)
B	BEDROOM	(J,K,M,L,I)
C	BATH	(A,B,G,F)
D	STAIRCASE	(H,I,R,Q)
...		

FIG. 33

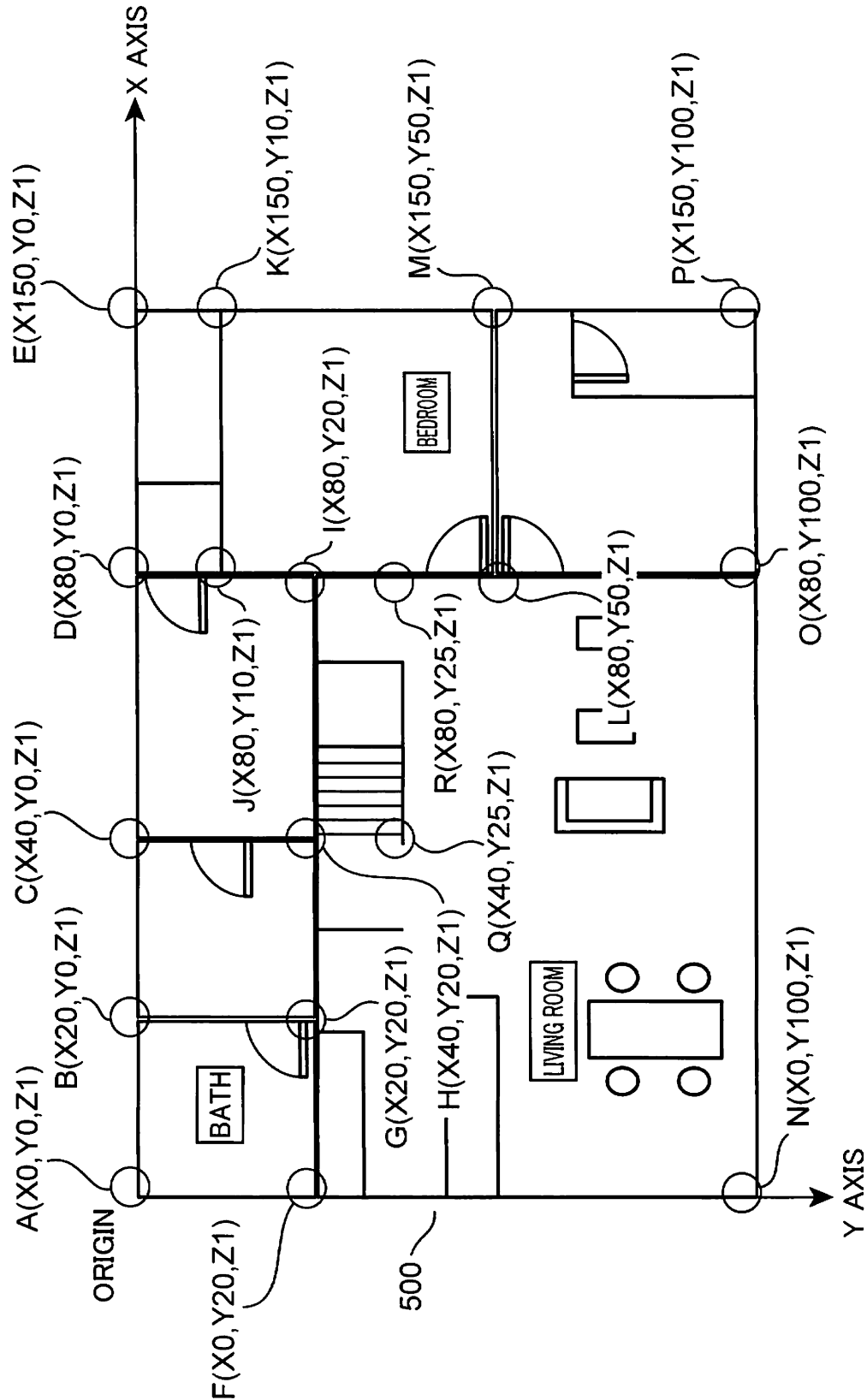


FIG.34

4700					
4701	4702	4703	4704	4705	4706
DEVICE ID	DEVICE TYPE	MODEL NUMBER	ARRANGEMENT	CAPABILITY INFORMATION	CONTROL COMMAND TRANSMISSION DESTINATION
A	AIR CONDITIONER	CS-X403C	(X10,Y100,Z1)	TEMPERATURE CONTROL, AIR FLOW DIRECTION CONTROL, AND AIR FLOW AMOUNT CONTROL	DEVICE
B	ILLUMINATION	HH-LC710A	(X30,Y150,Z1)	ON/OFF CONTROL AND DIMMER CONTROL	DEVICE
C	REFRIGERATOR	NR-F557XV	(X50,Y200,Z1)	POWER CONSUMPTION STATE MANAGEMENT	SERVER
...					

FIG.35

3100						
3101	3102	3103	3104	3105	3106	3107
DEVICE ID	DEVICE TYPE	MODEL NUMBER	ARRANGEMENT	CAPABILITY INFORMATION	CONTROL COMMAND TRANSMISSION DESTINATION	IP ADDRESS
A	AIR CONDITIONER	CS-X403C	(X10,Y100,Z1)	TEMPERATURE CONTROL, AIR FLOW DIRECTION CONTROL, AND AIR FLOW AMOUNT CONTROL	DEVICE	192.168.0.5
B	ILLUMINATION	HH-LC710A	(X30,Y150,Z1)	ON/OFF CONTROL AND DIMMER CONTROL	DEVICE	192.168.0.6
C	REFRIGERATOR	NR-F557XV	(X50,Y200,Z1)	POWER CONSUMPTION STATE MANAGEMENT	SERVER	192.168.0.7
...						

FIG. 36

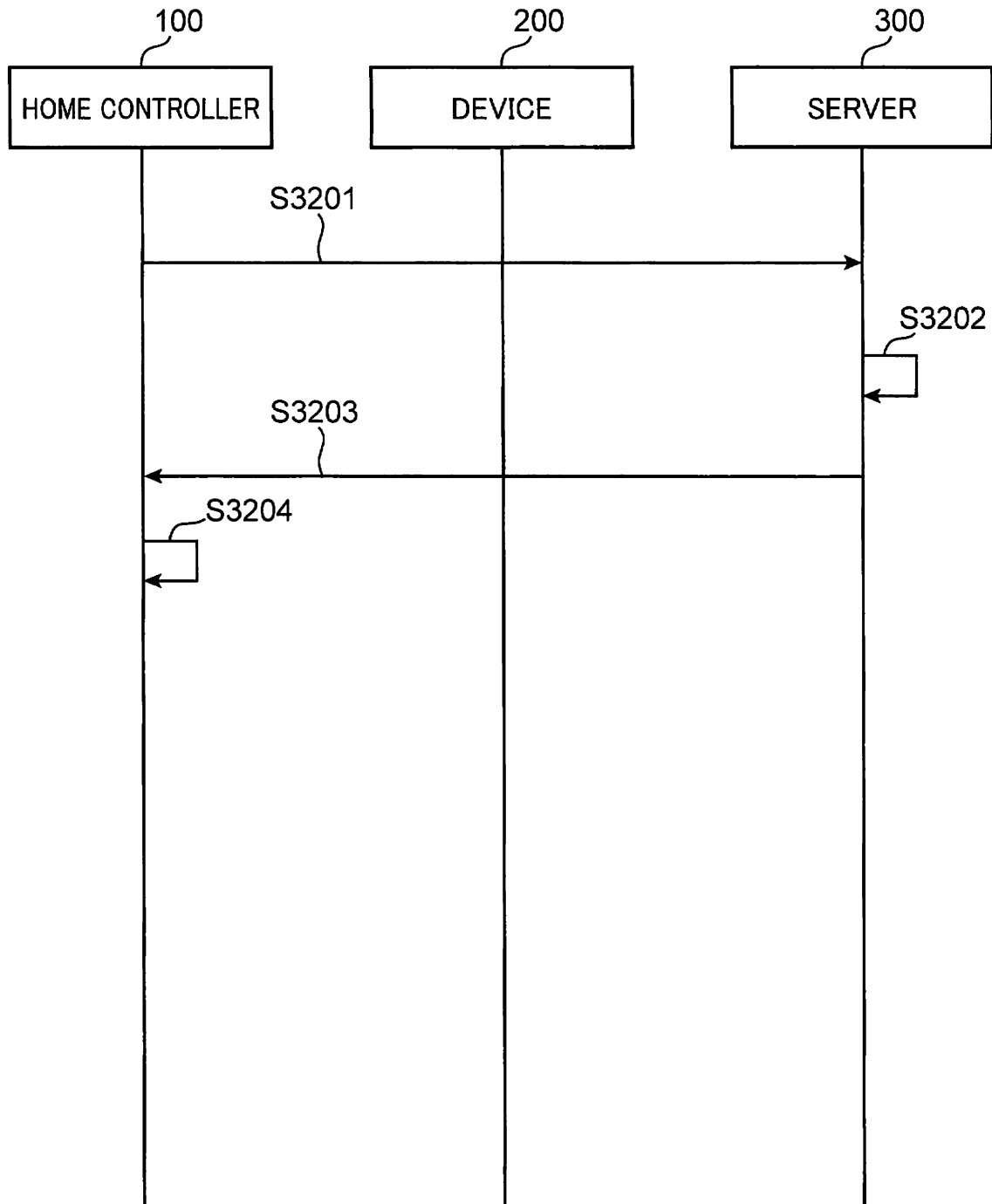


FIG. 37

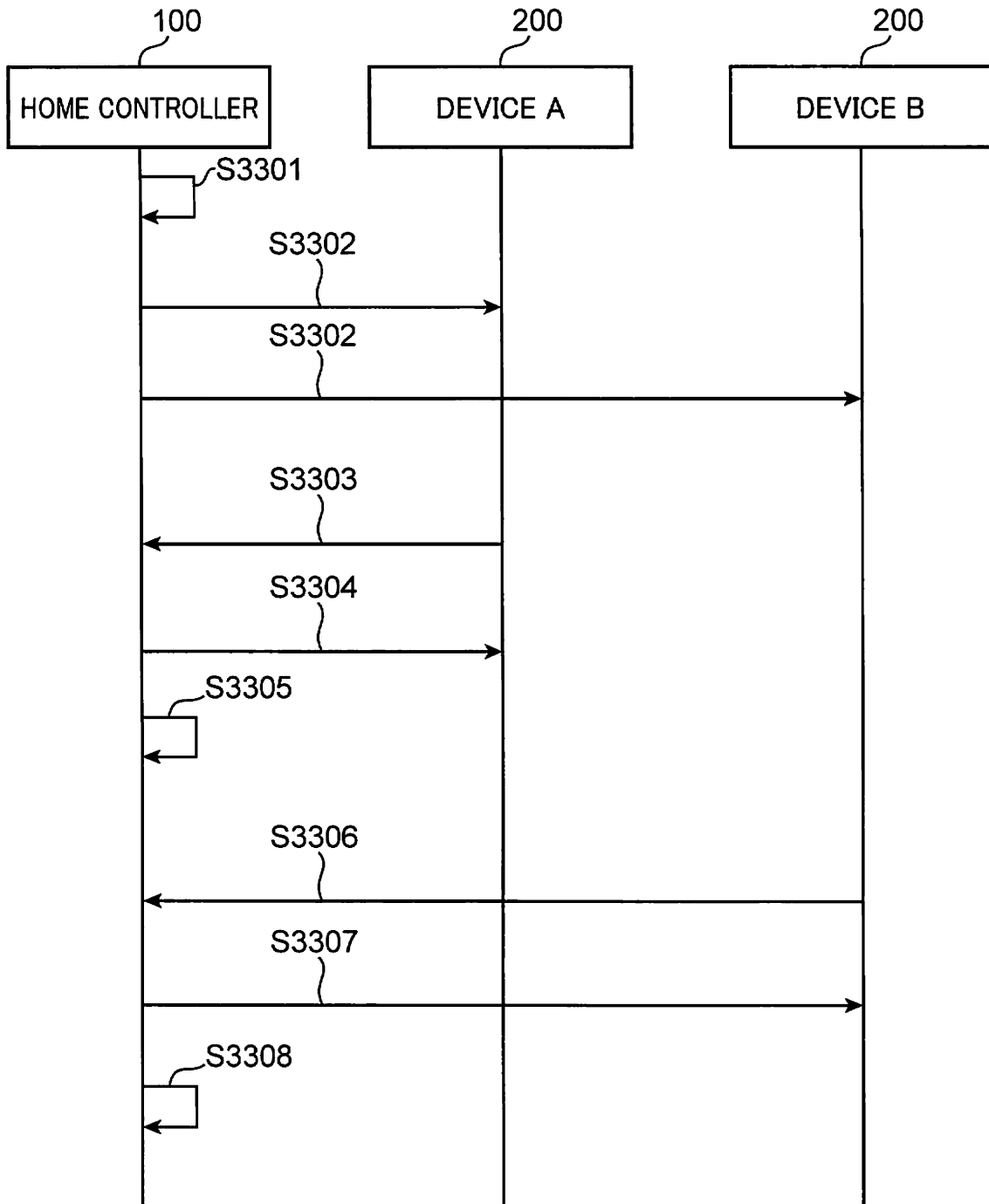


FIG. 38

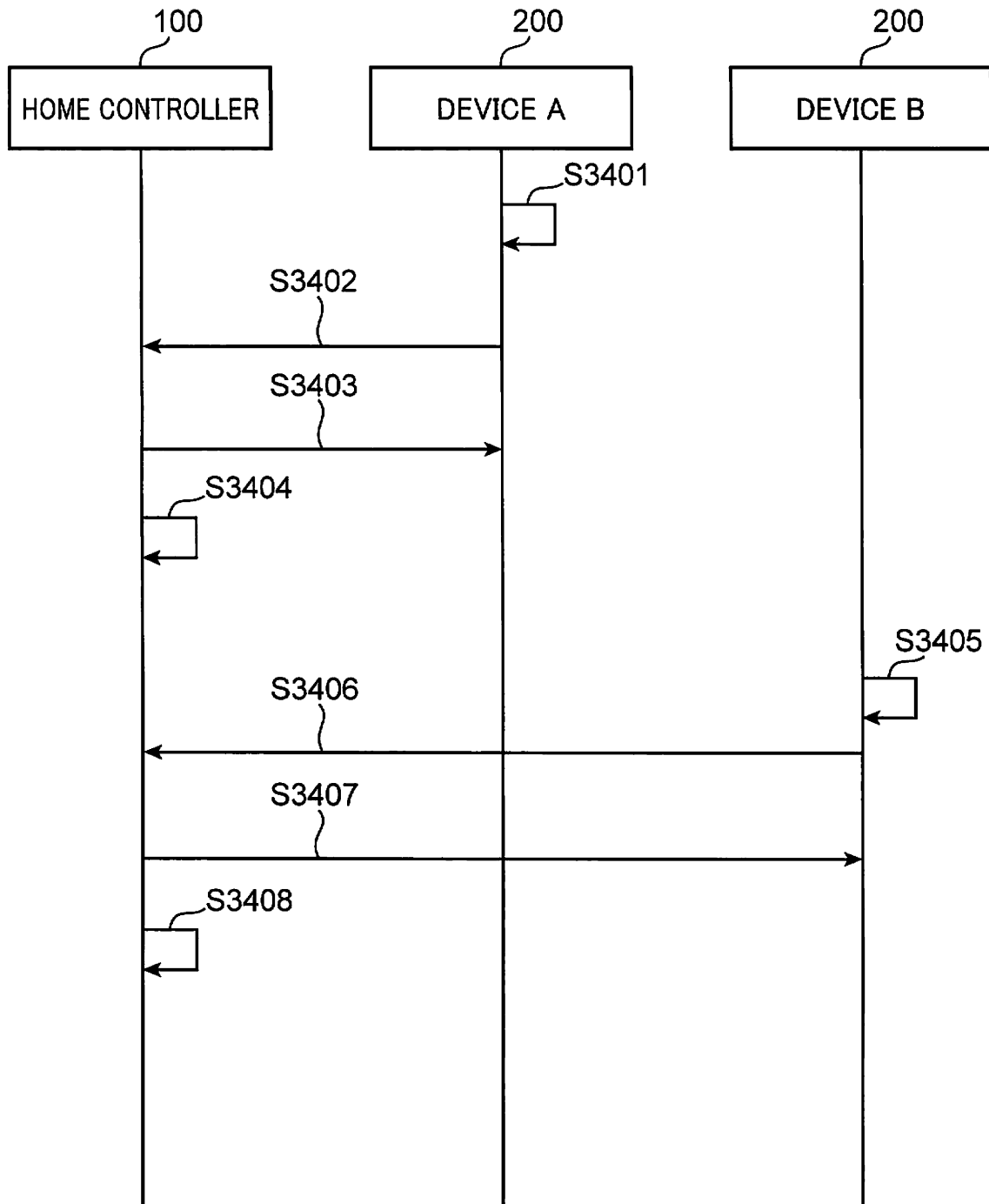


FIG.39A

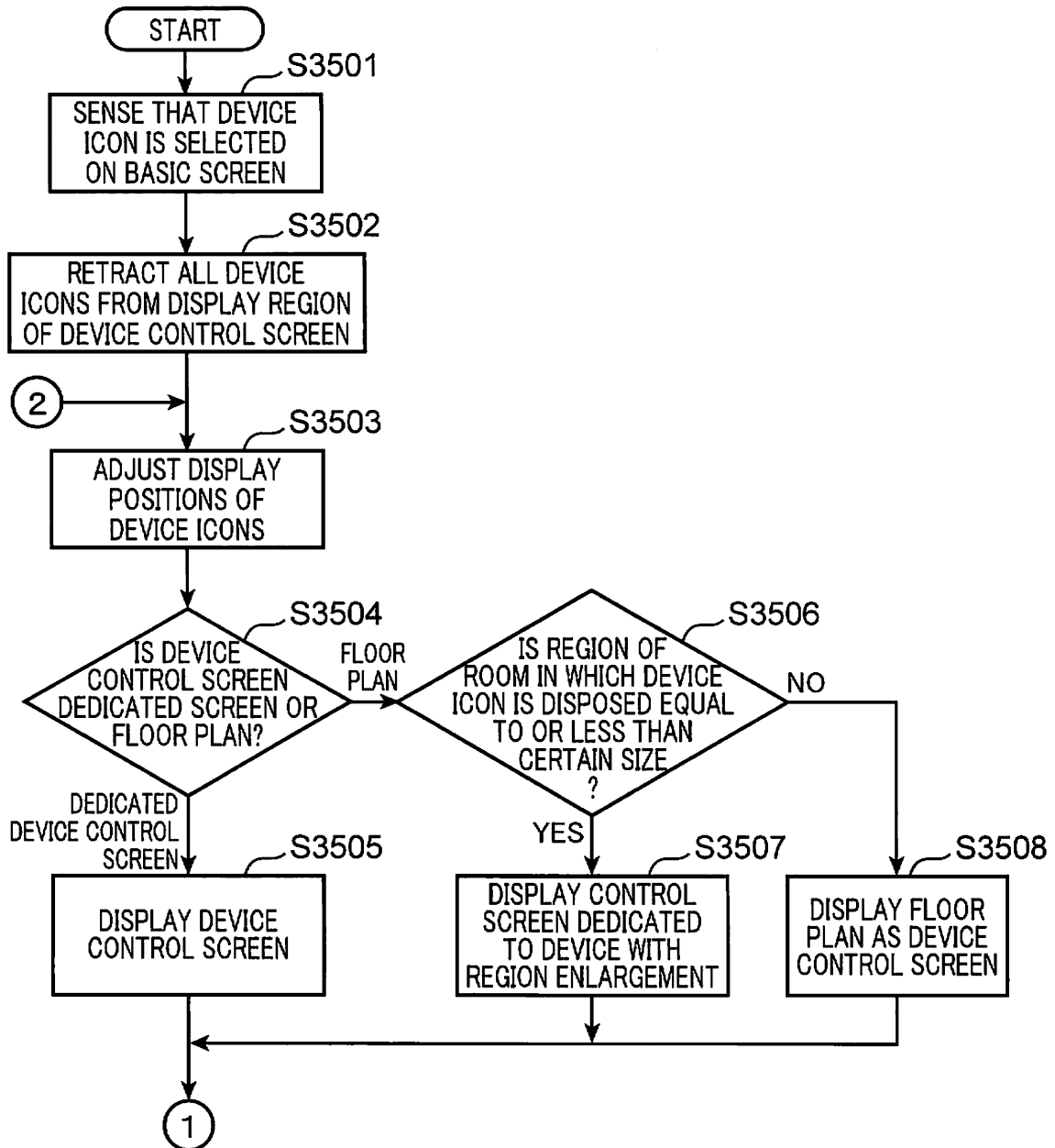


FIG.39B

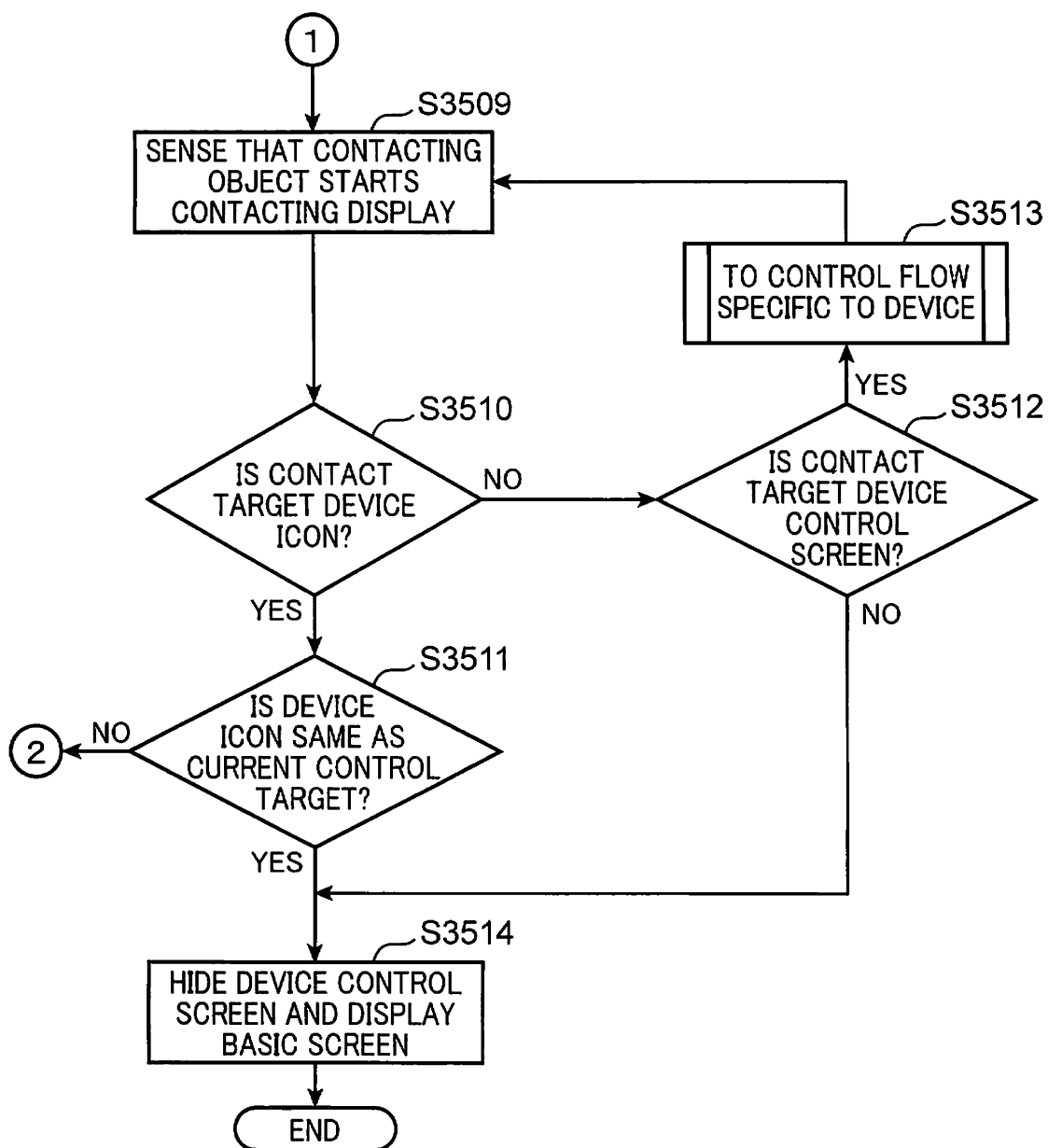


FIG. 40

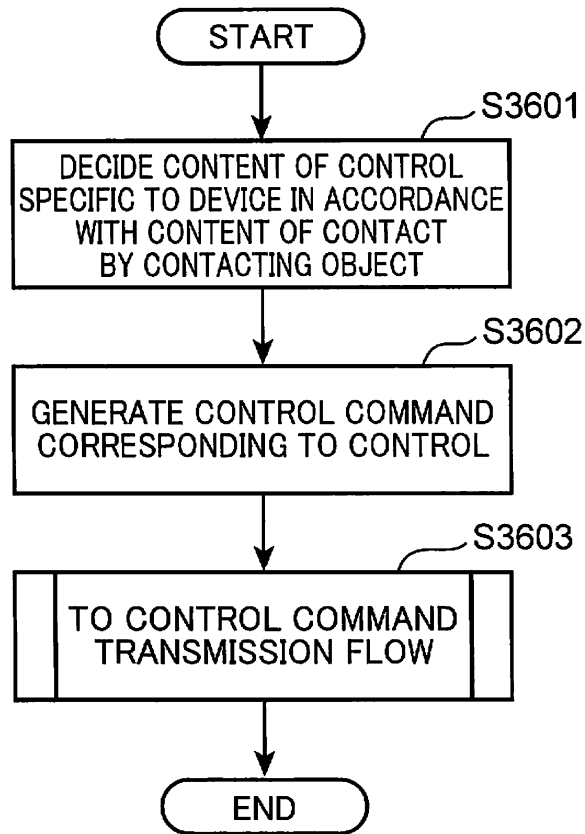


FIG.41

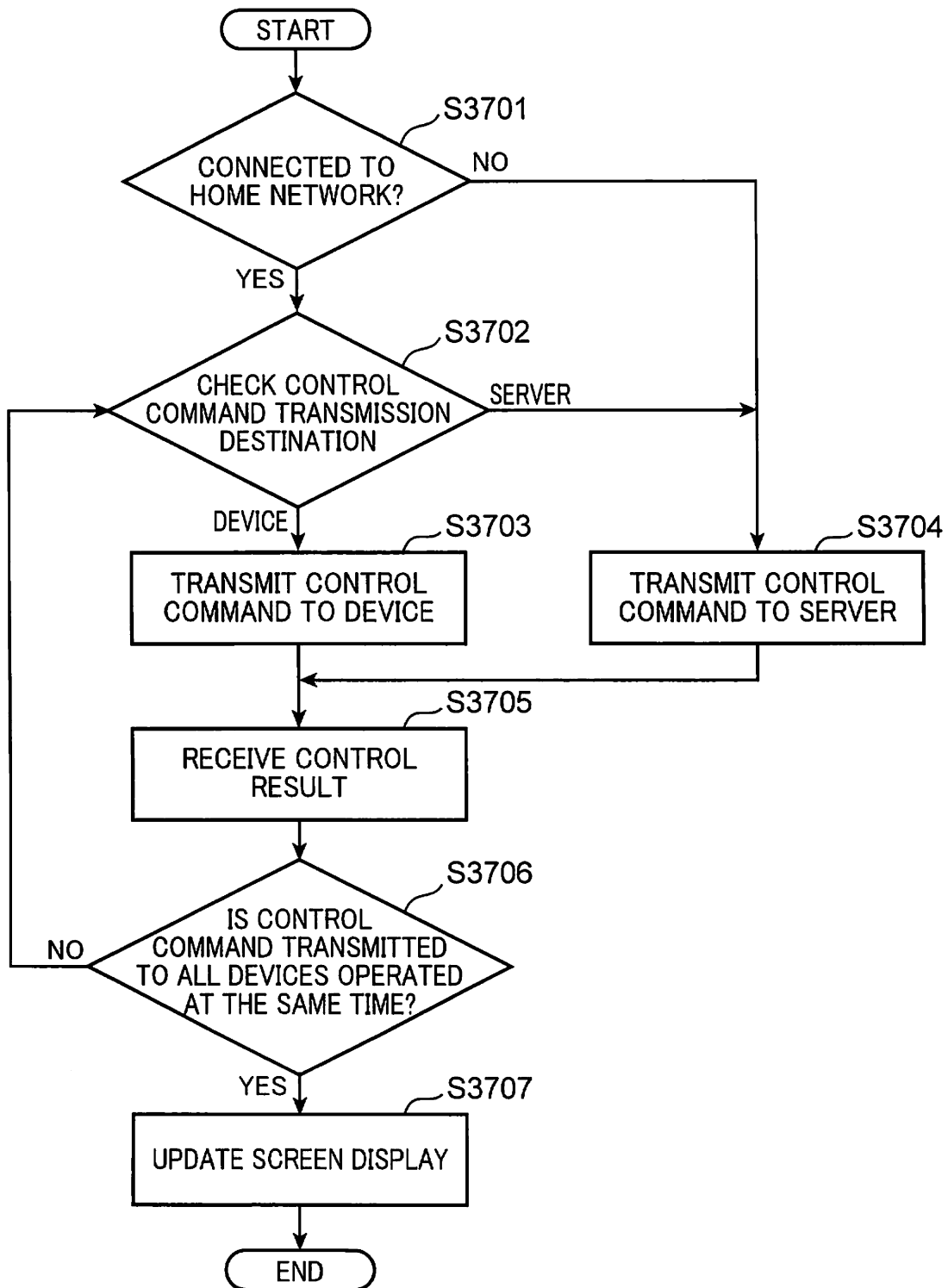


FIG. 42

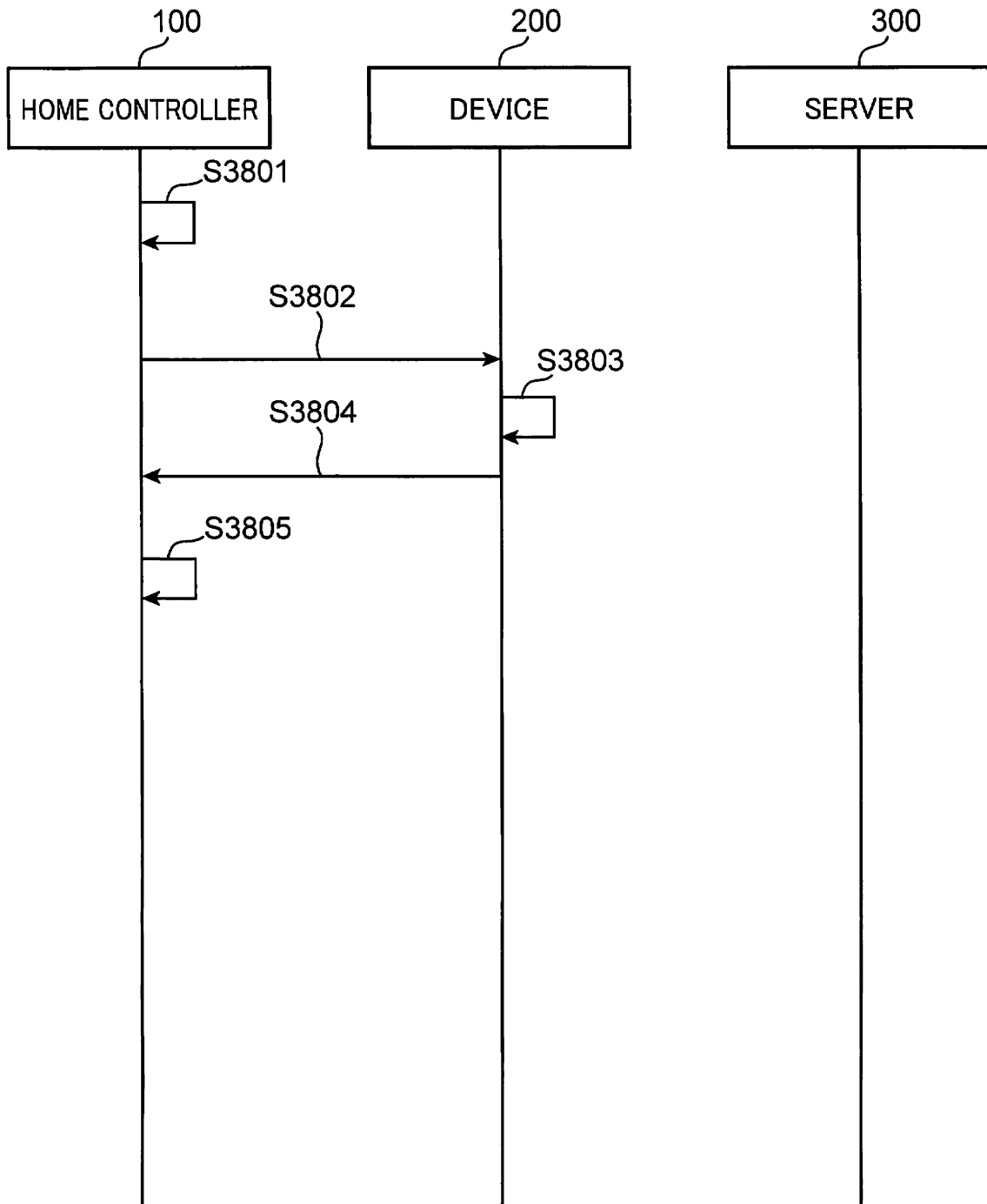


FIG. 43

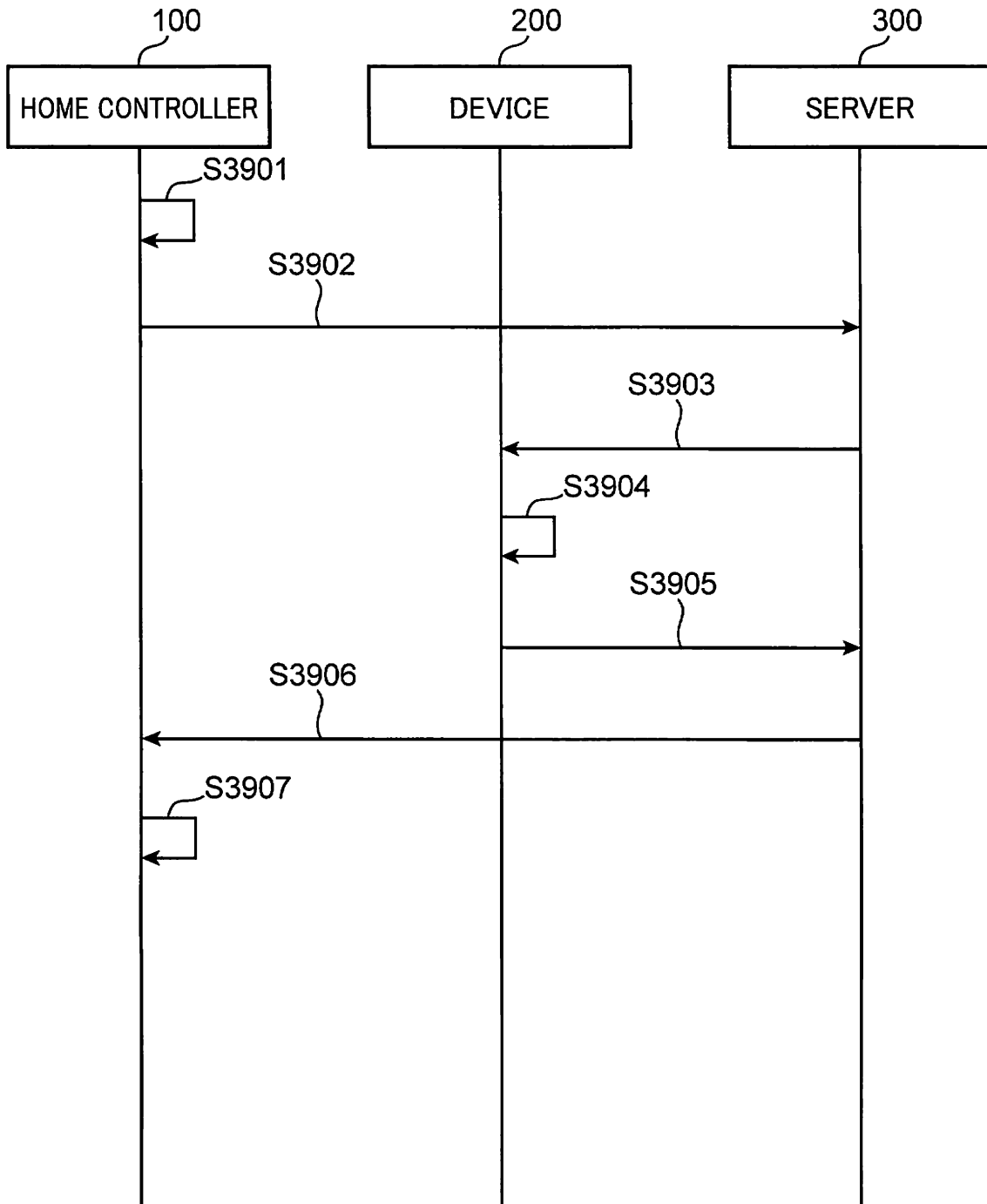


FIG. 44

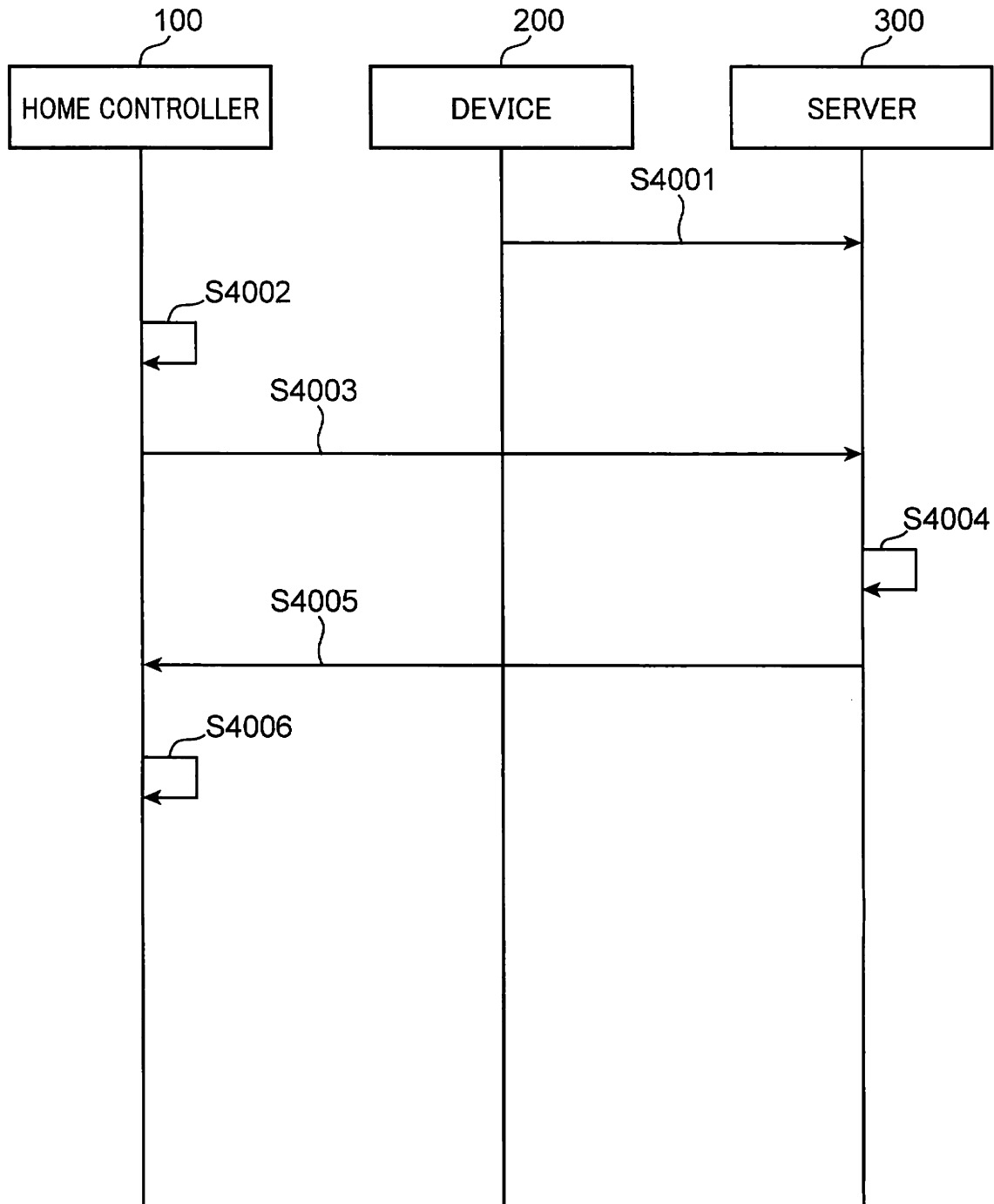


FIG. 45

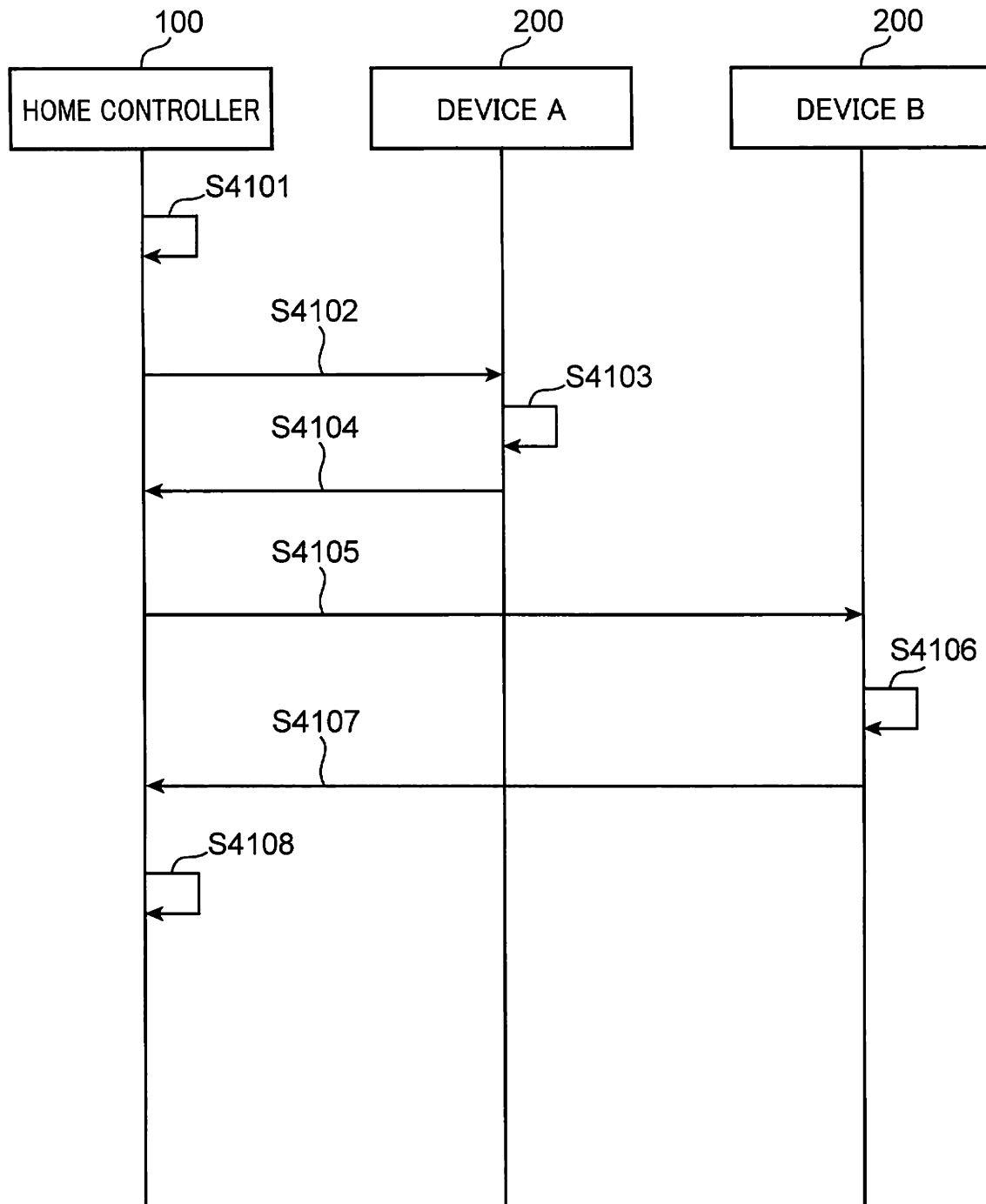


FIG. 46

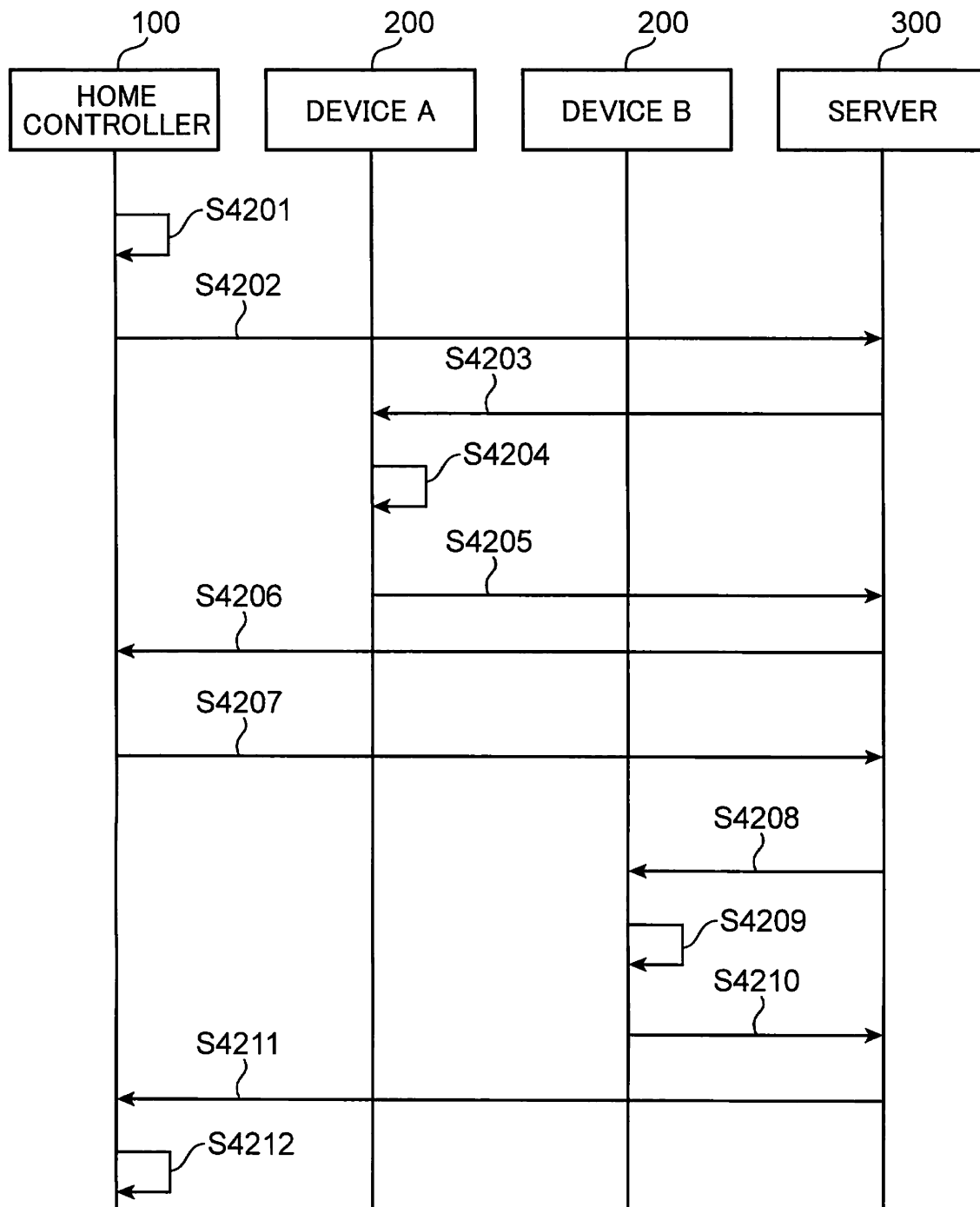


FIG. 47

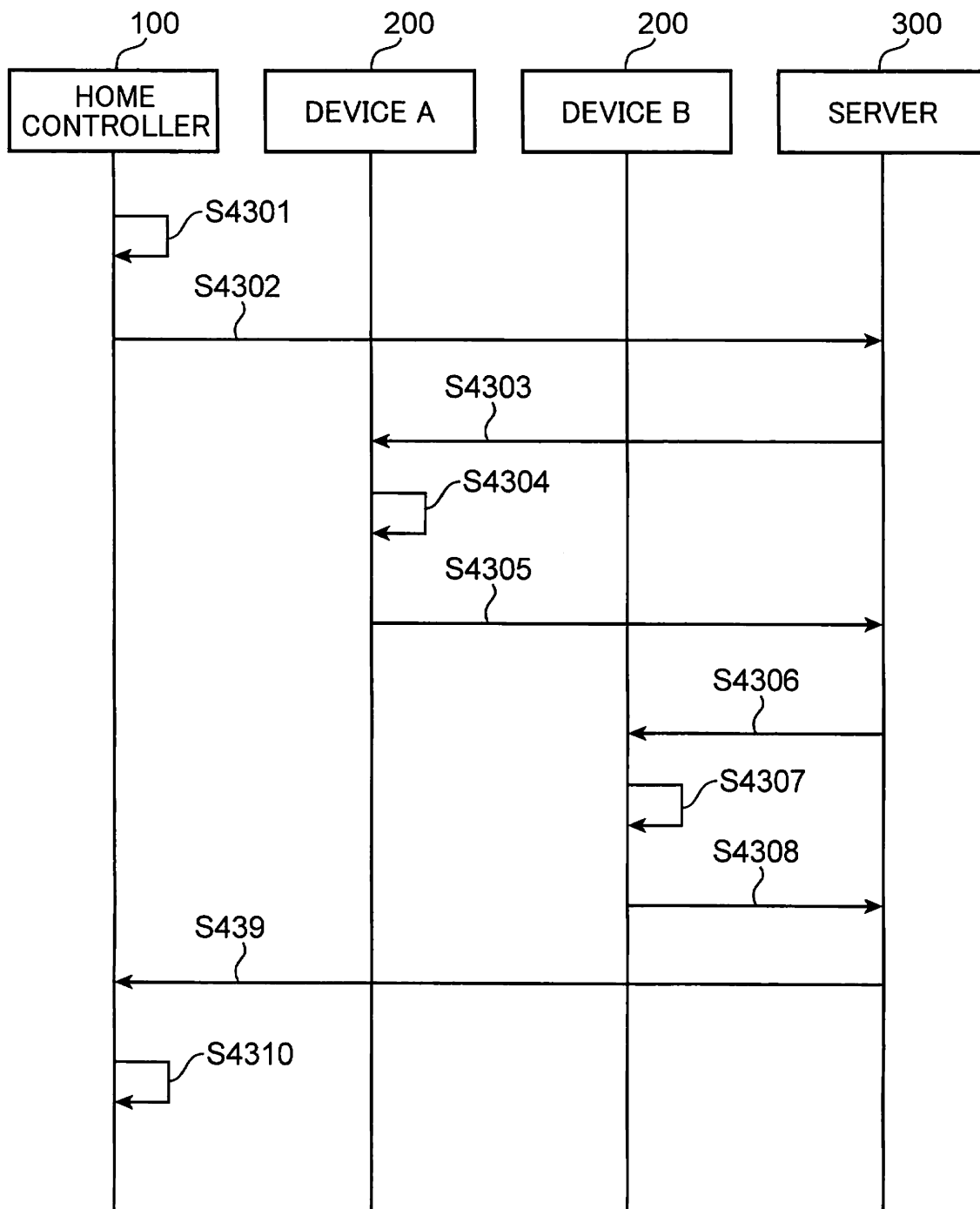


FIG. 48

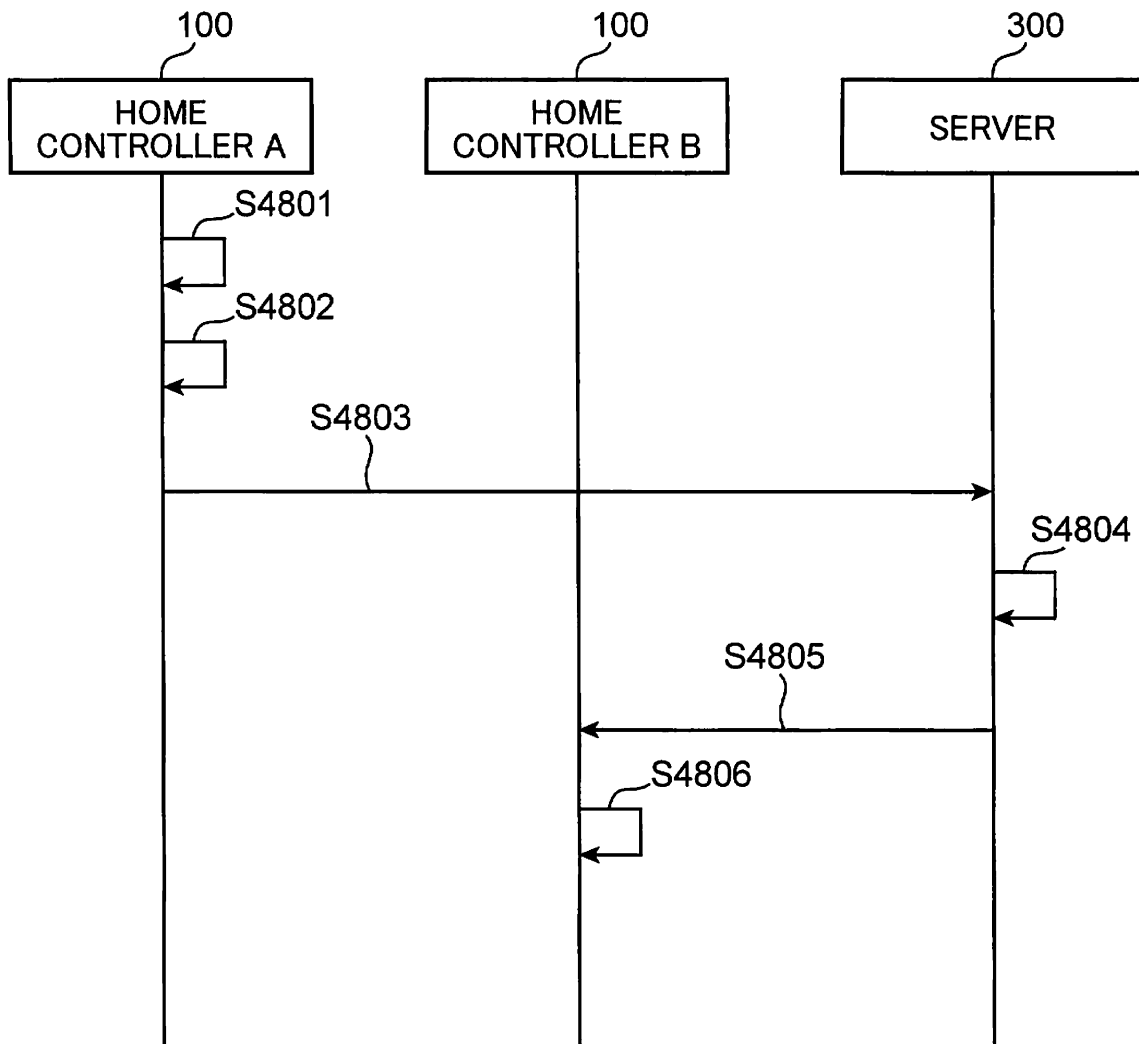


FIG. 49

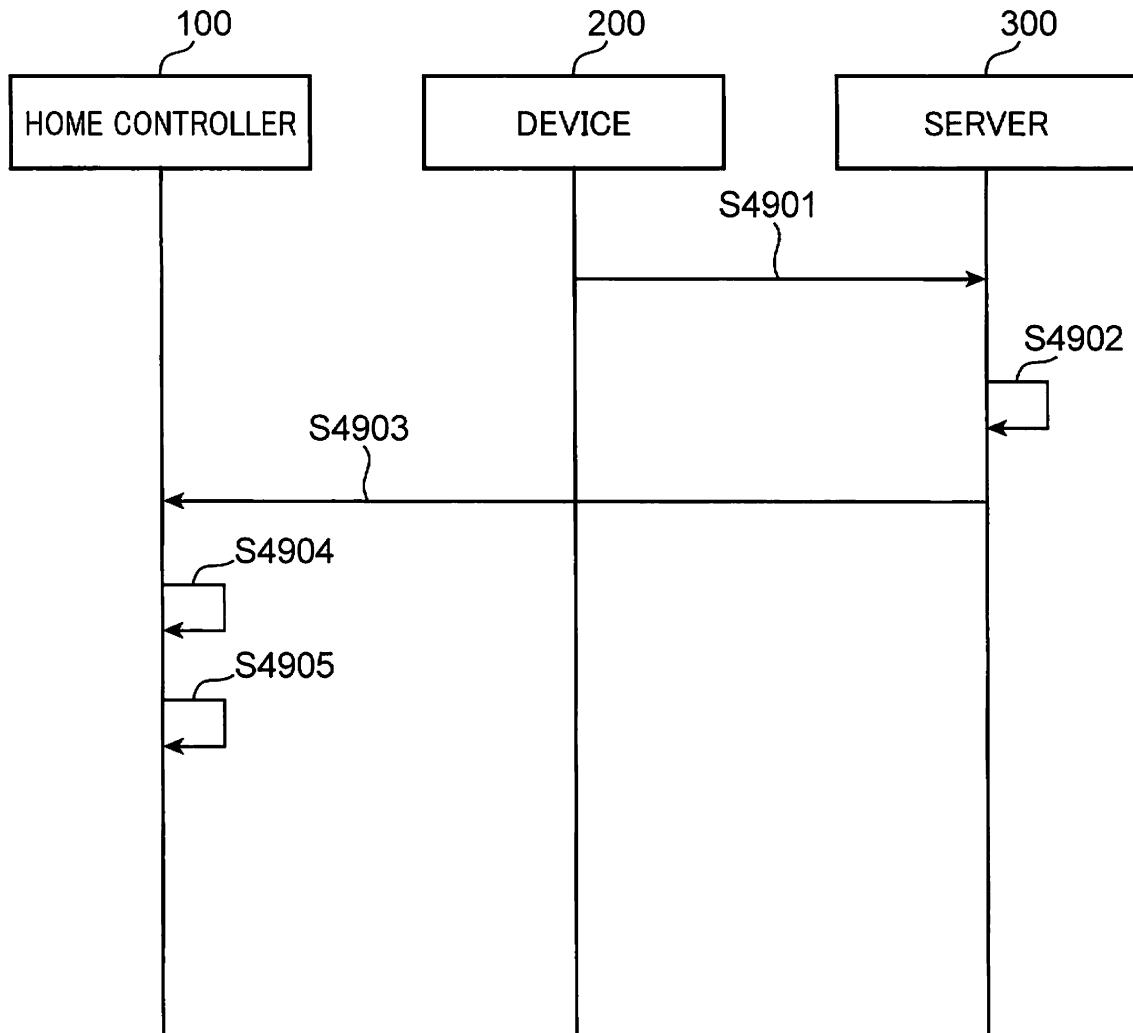


FIG. 50

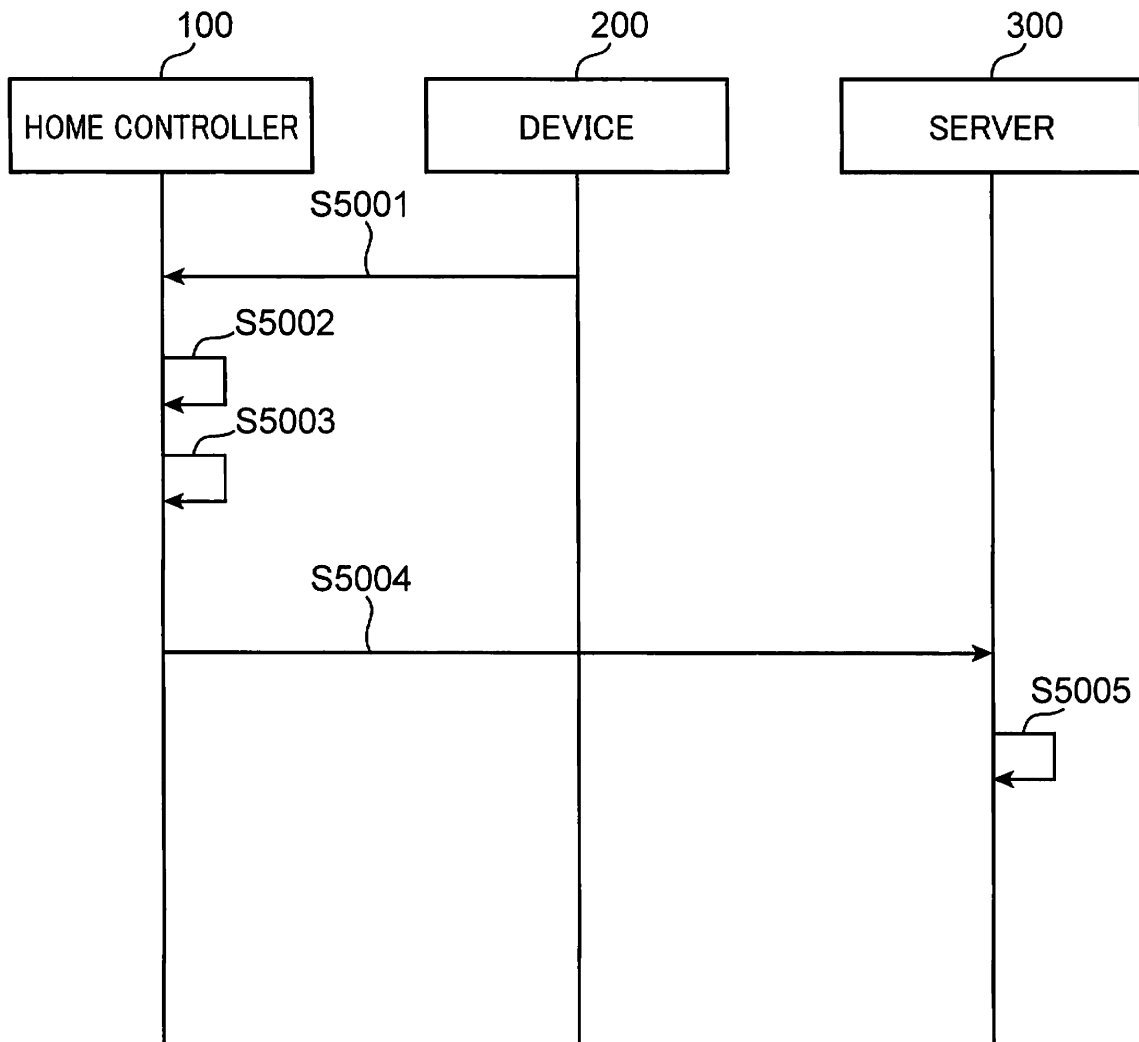


FIG. 51

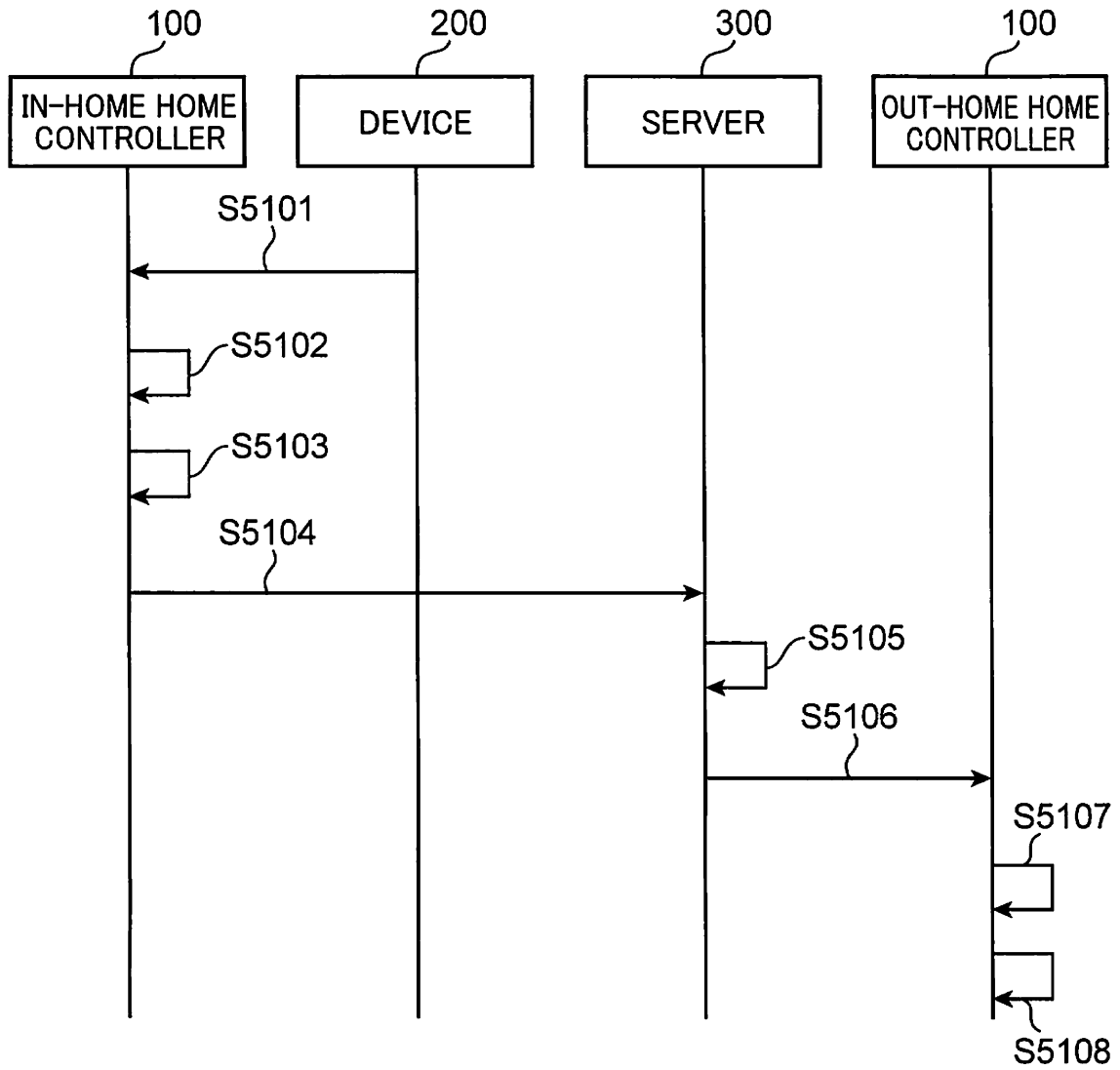


FIG. 52

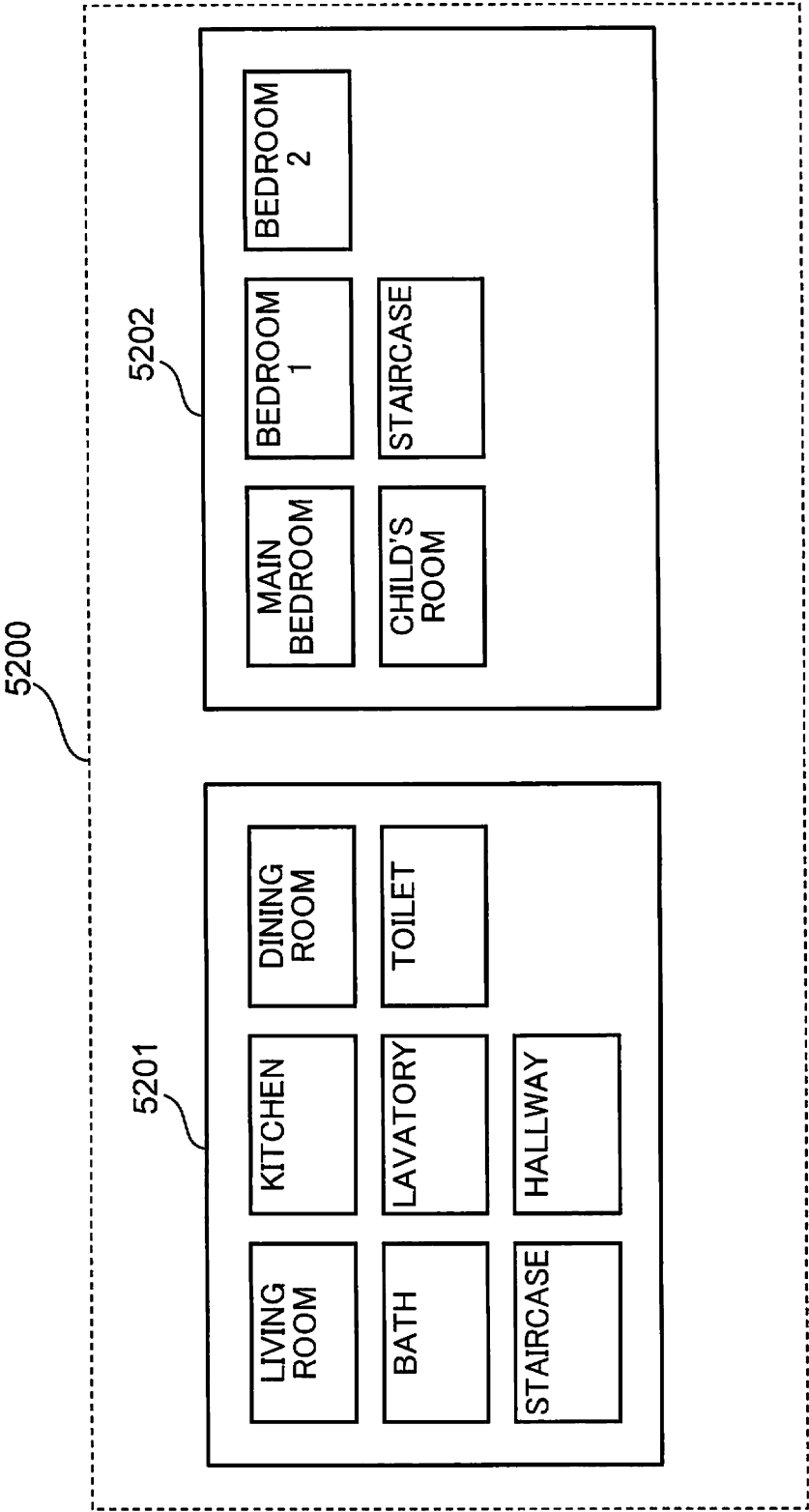


FIG. 53

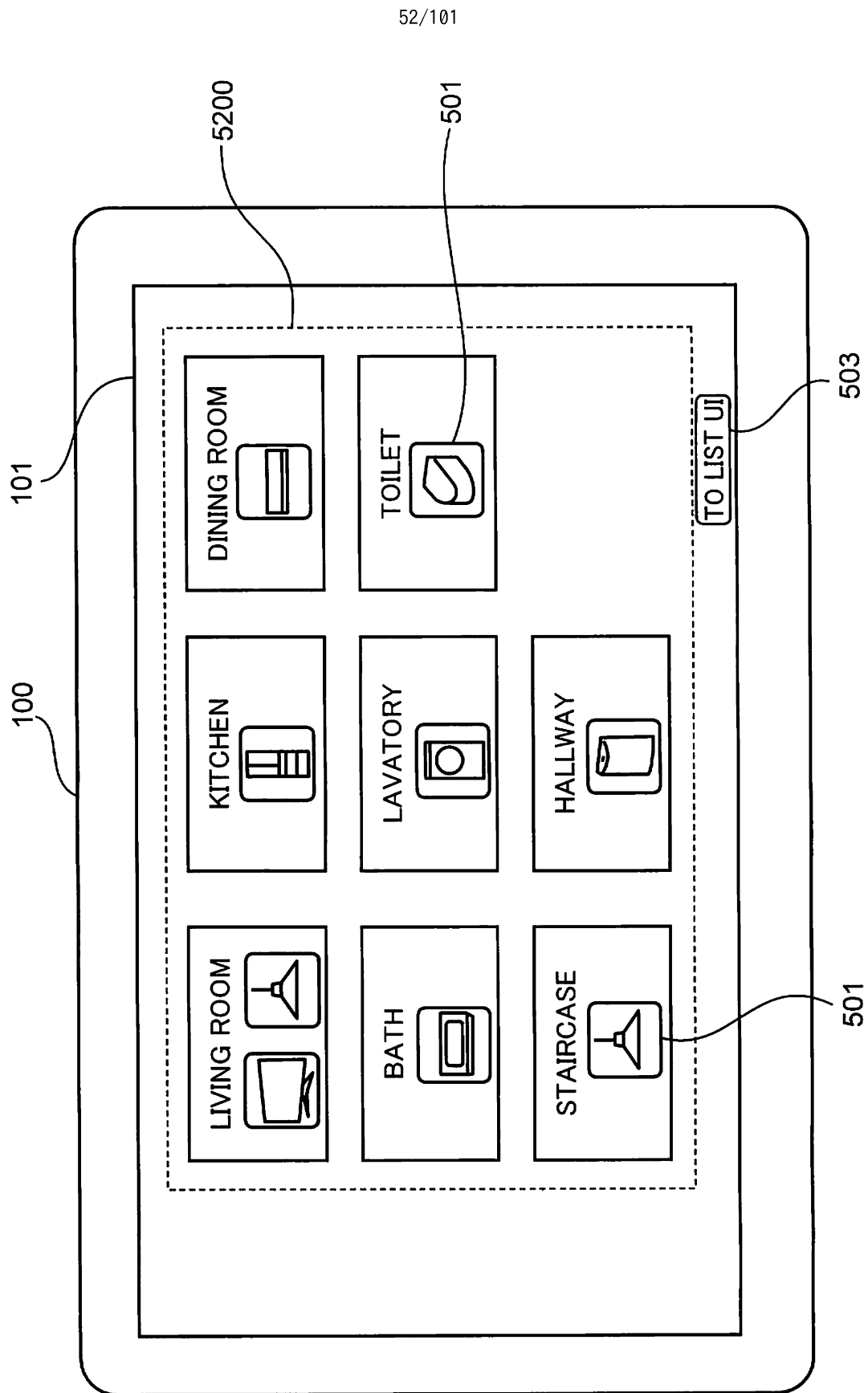


FIG. 54

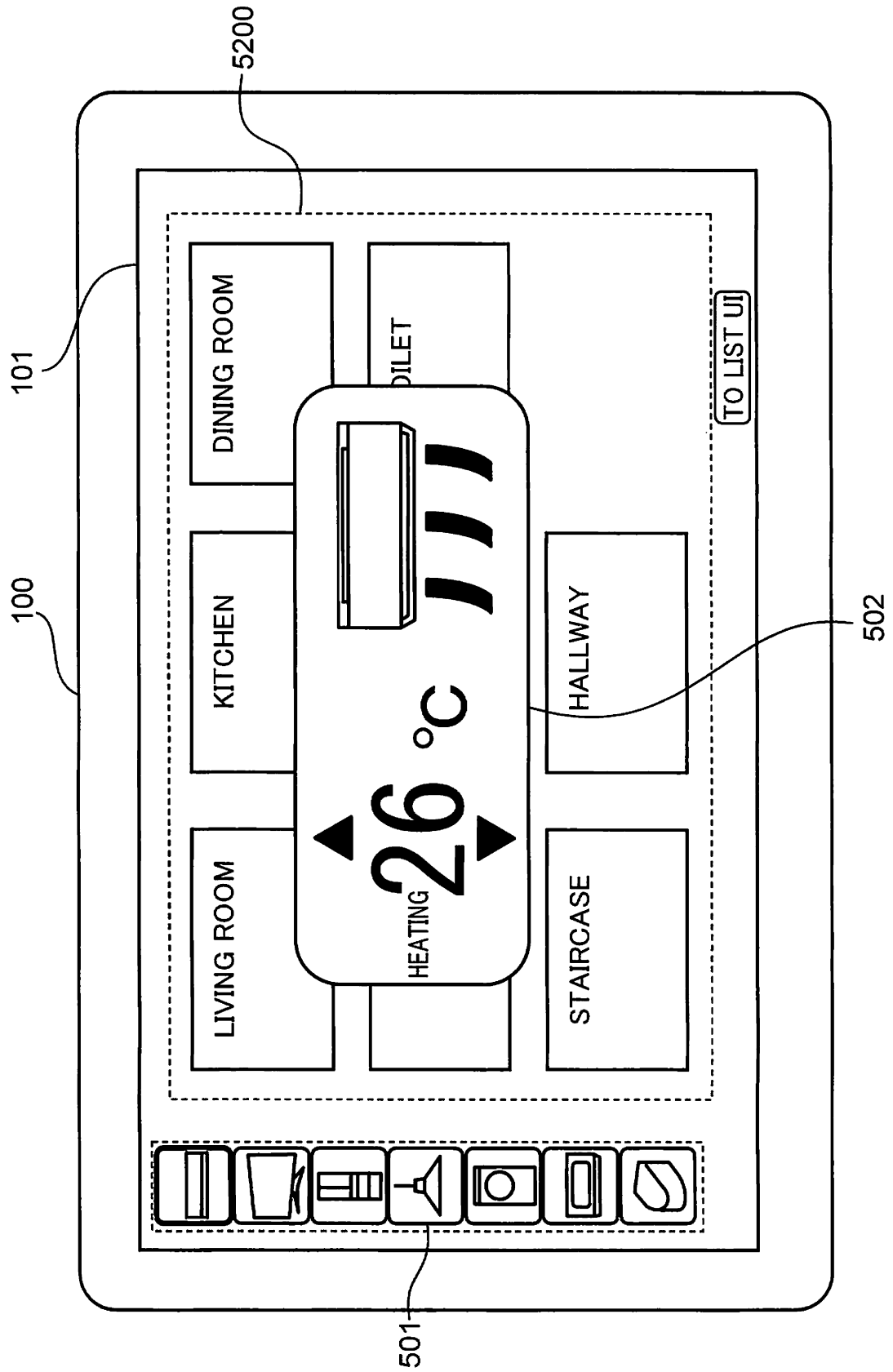


FIG. 55

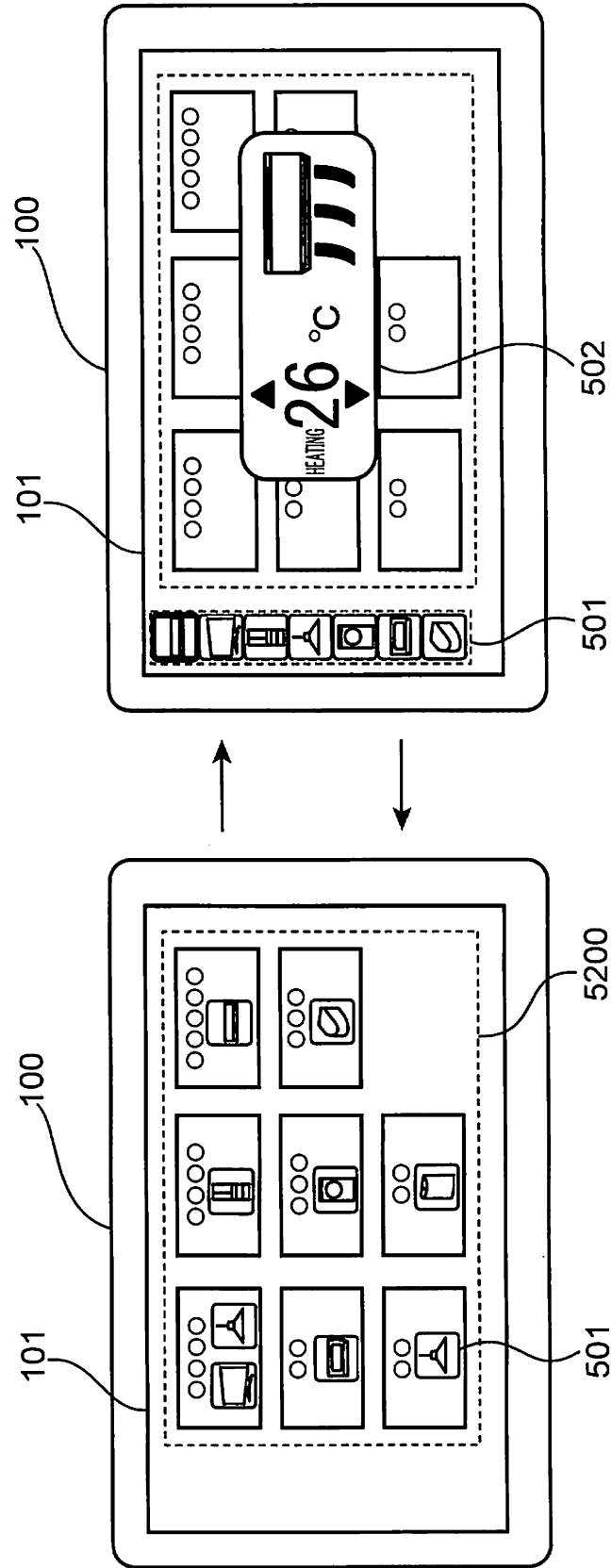


FIG. 56

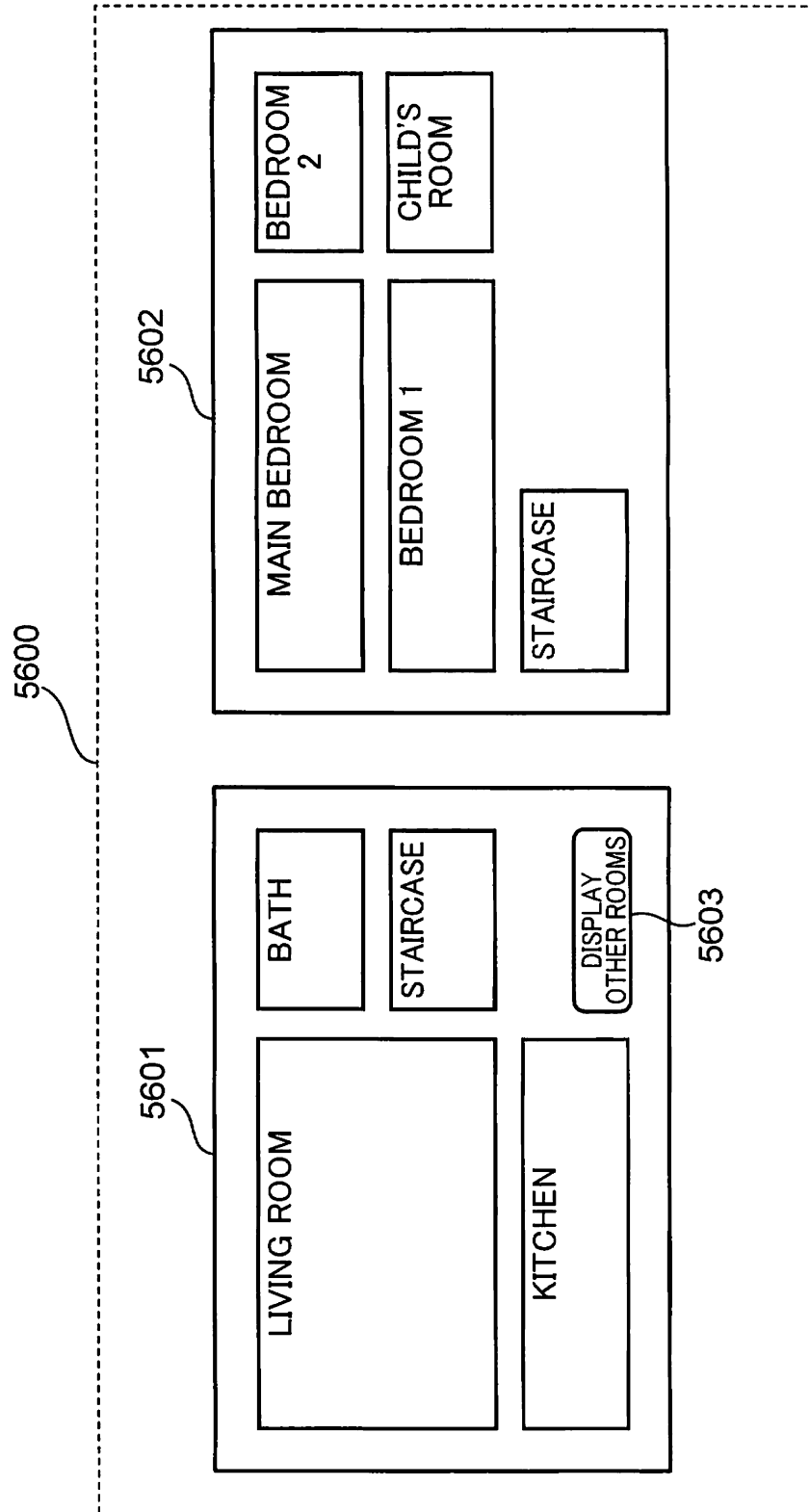


FIG. 57

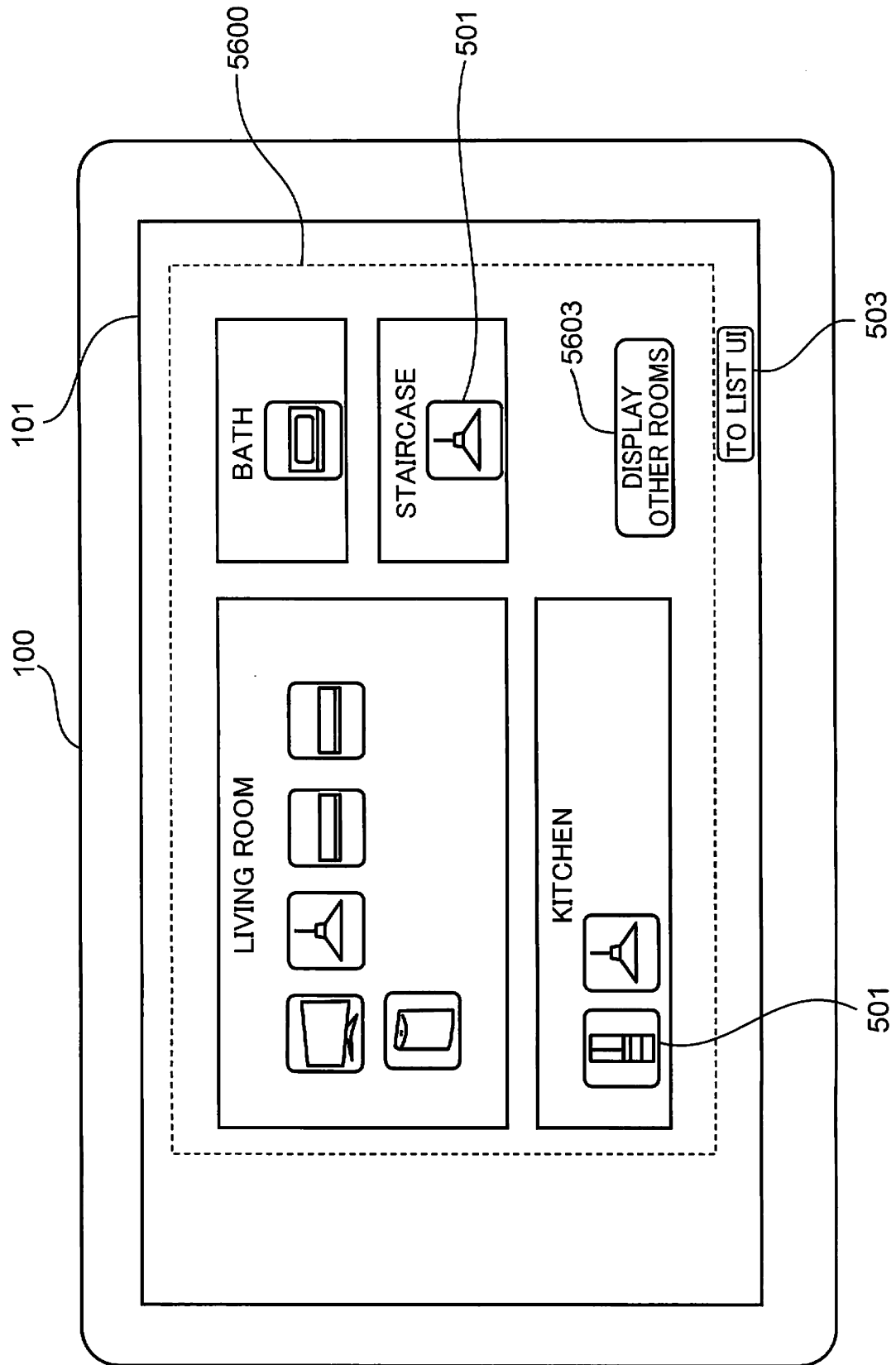


FIG. 58

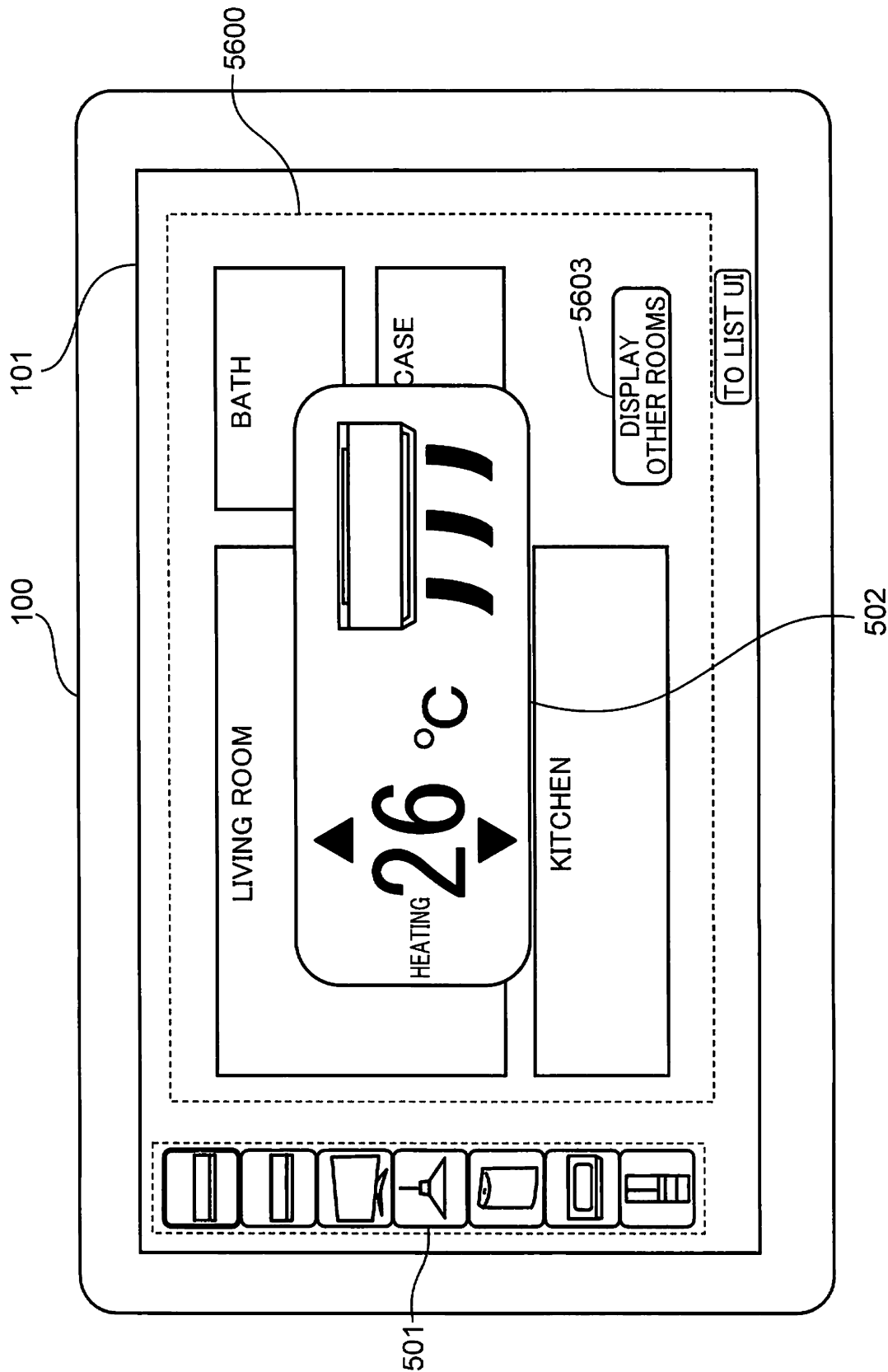


FIG. 59

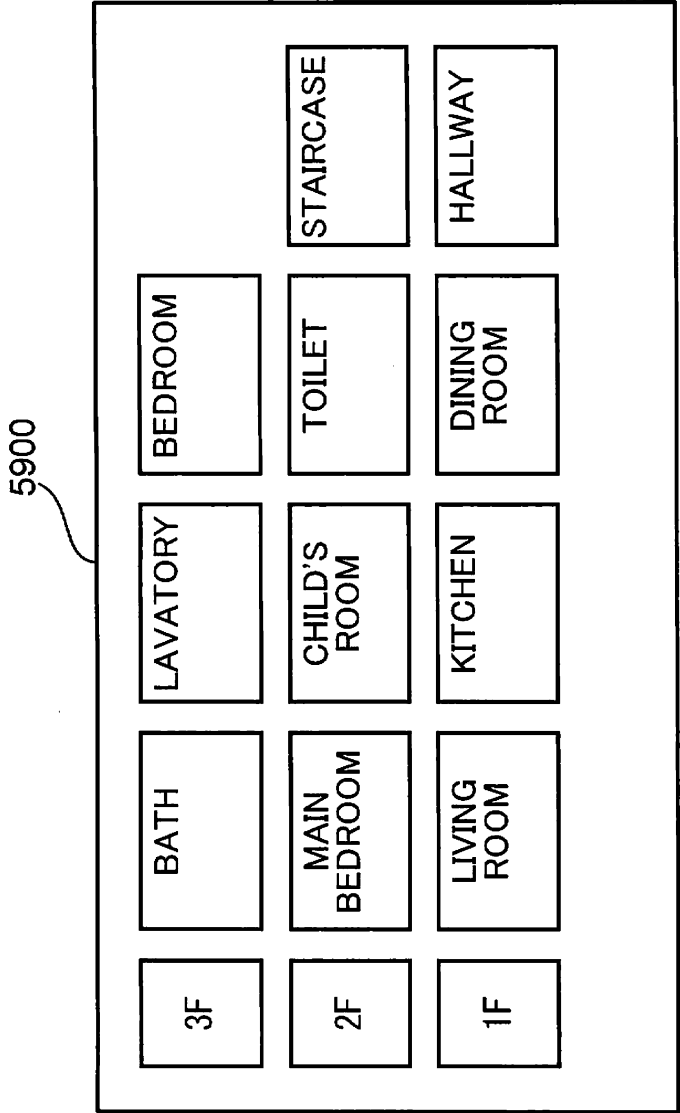


FIG. 60

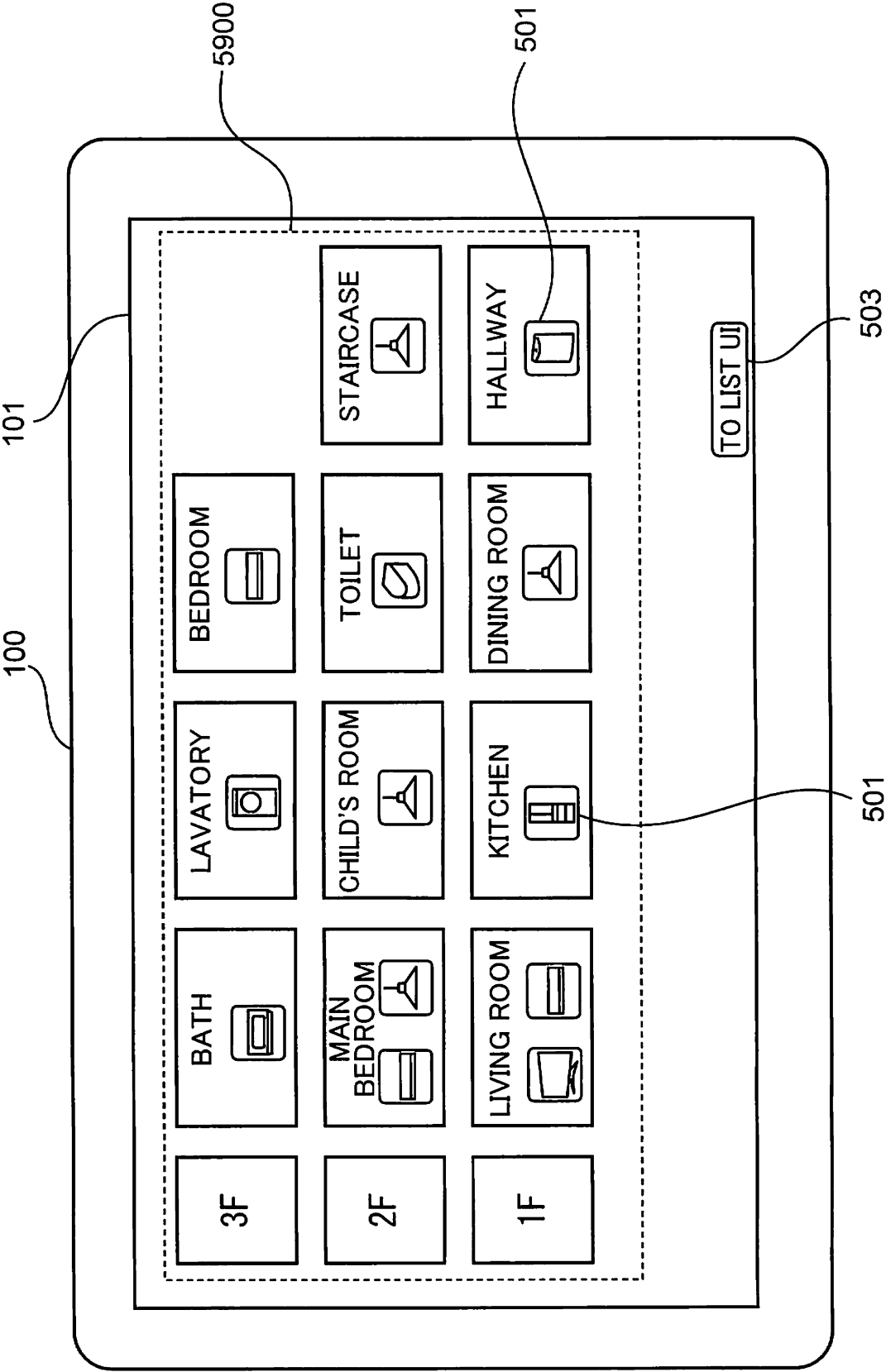


FIG. 61

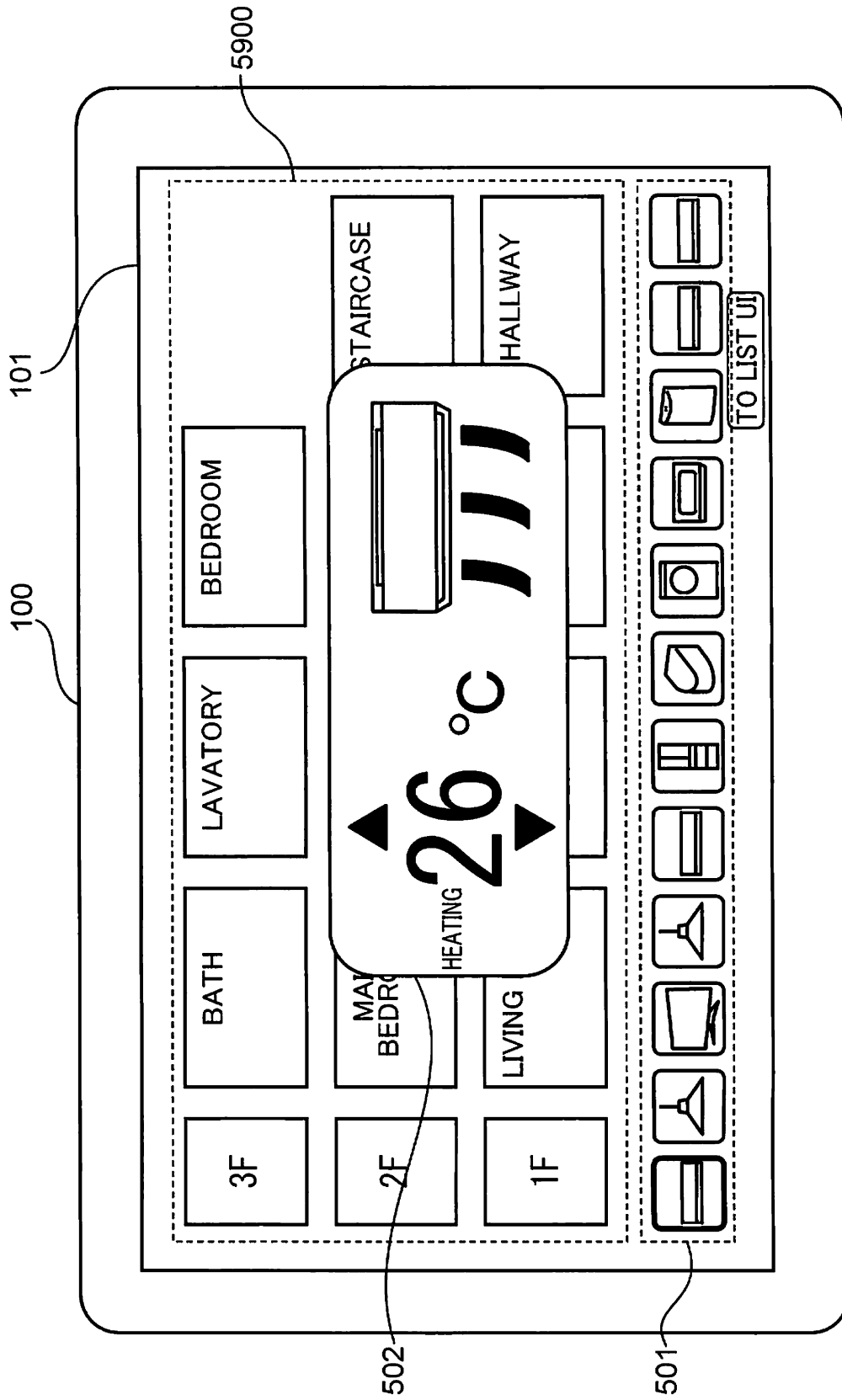
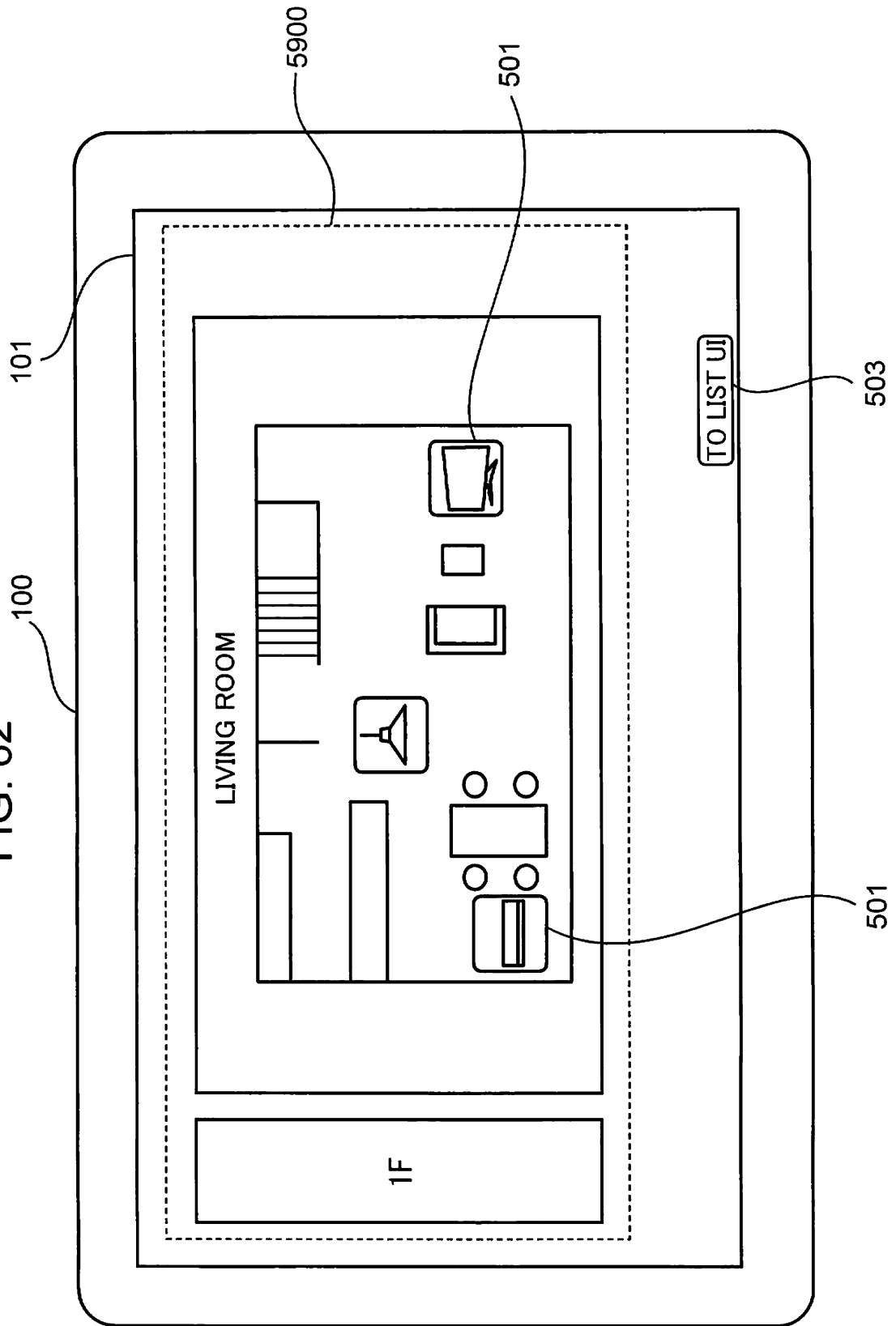


FIG. 62



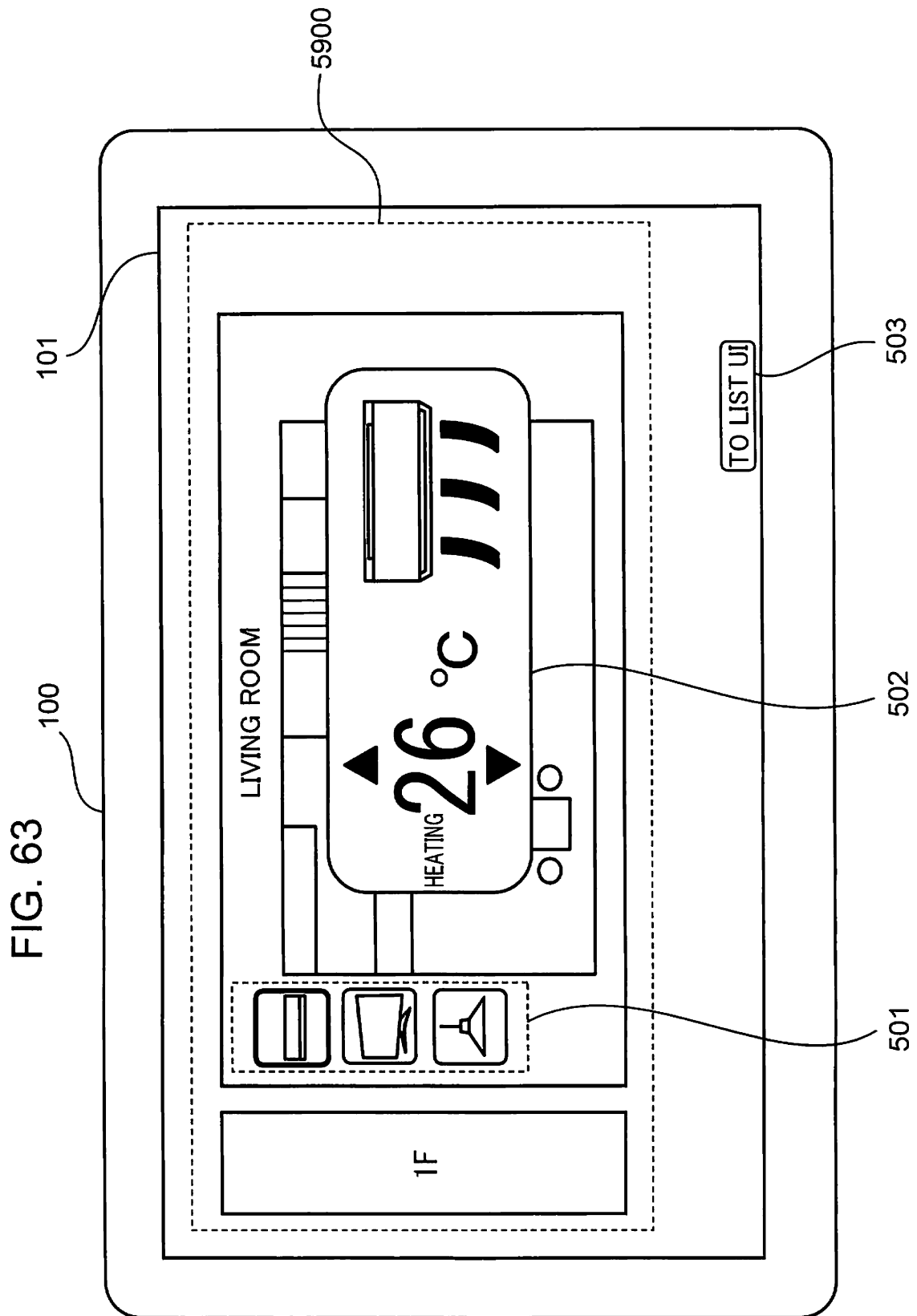


FIG. 64

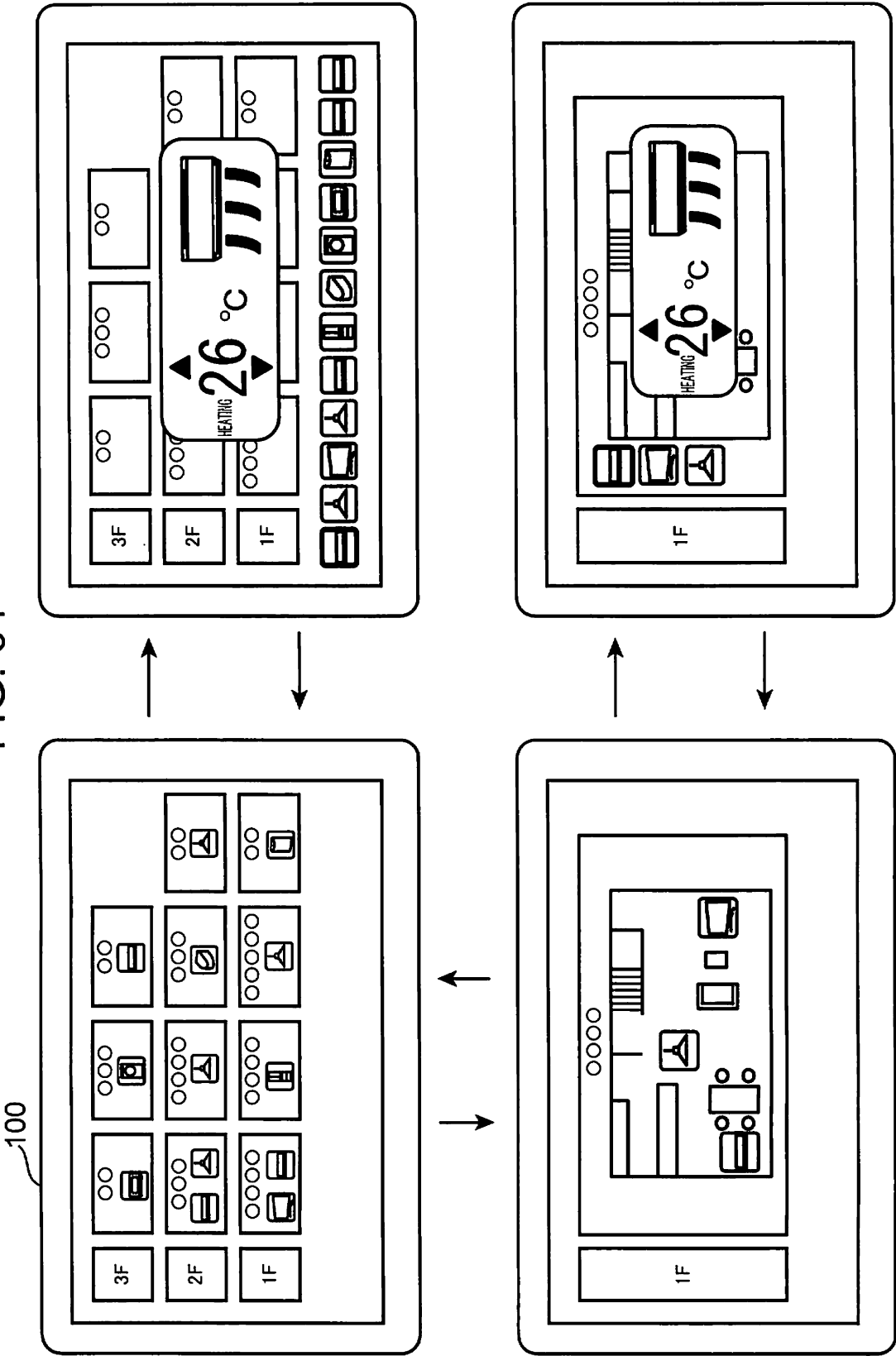


FIG. 65

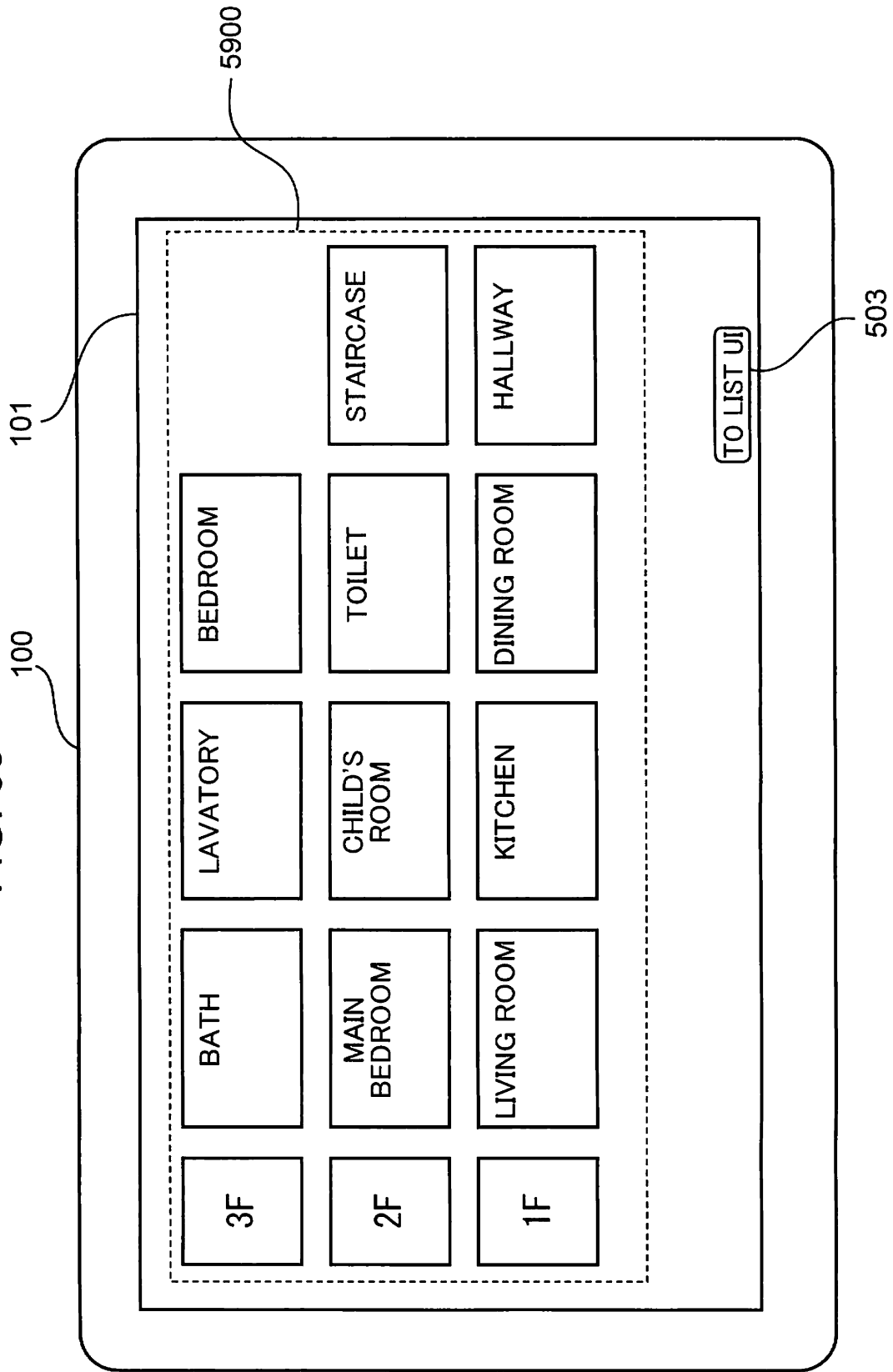


FIG. 66

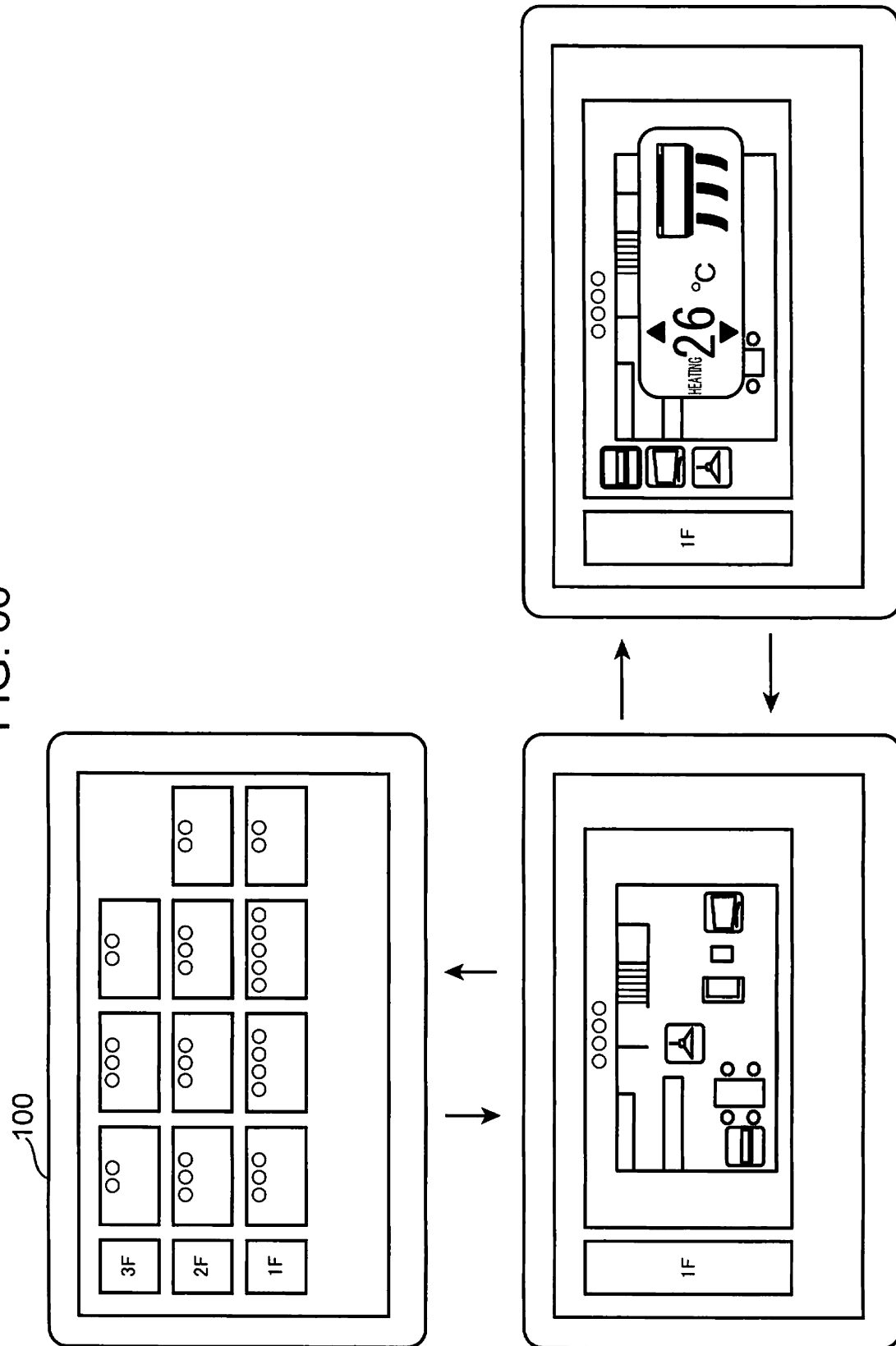


FIG. 67

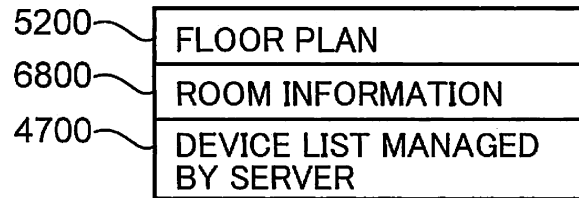
6400

FIG. 68

6800

ROOM ID	ROOM TYPE	FLOOR LEVEL	DISPLAY POSITION
A	LIVING ROOM	FIRST FLOOR	FIRST CELL ON FIRST FLOOR
B	BEDROOM	SECOND FLOOR	FIRST CELL ON SECOND FLOOR
C	BATH	FIRST FLOOR	FOURTH CELL ON FIRST FLOOR
D	STAIRCASE	FIRST FLOOR SECOND FLOOR	SEVENTH CELL ON FIRST FLOOR SECOND CELL ON SECOND FLOOR
...			

FIG. 69

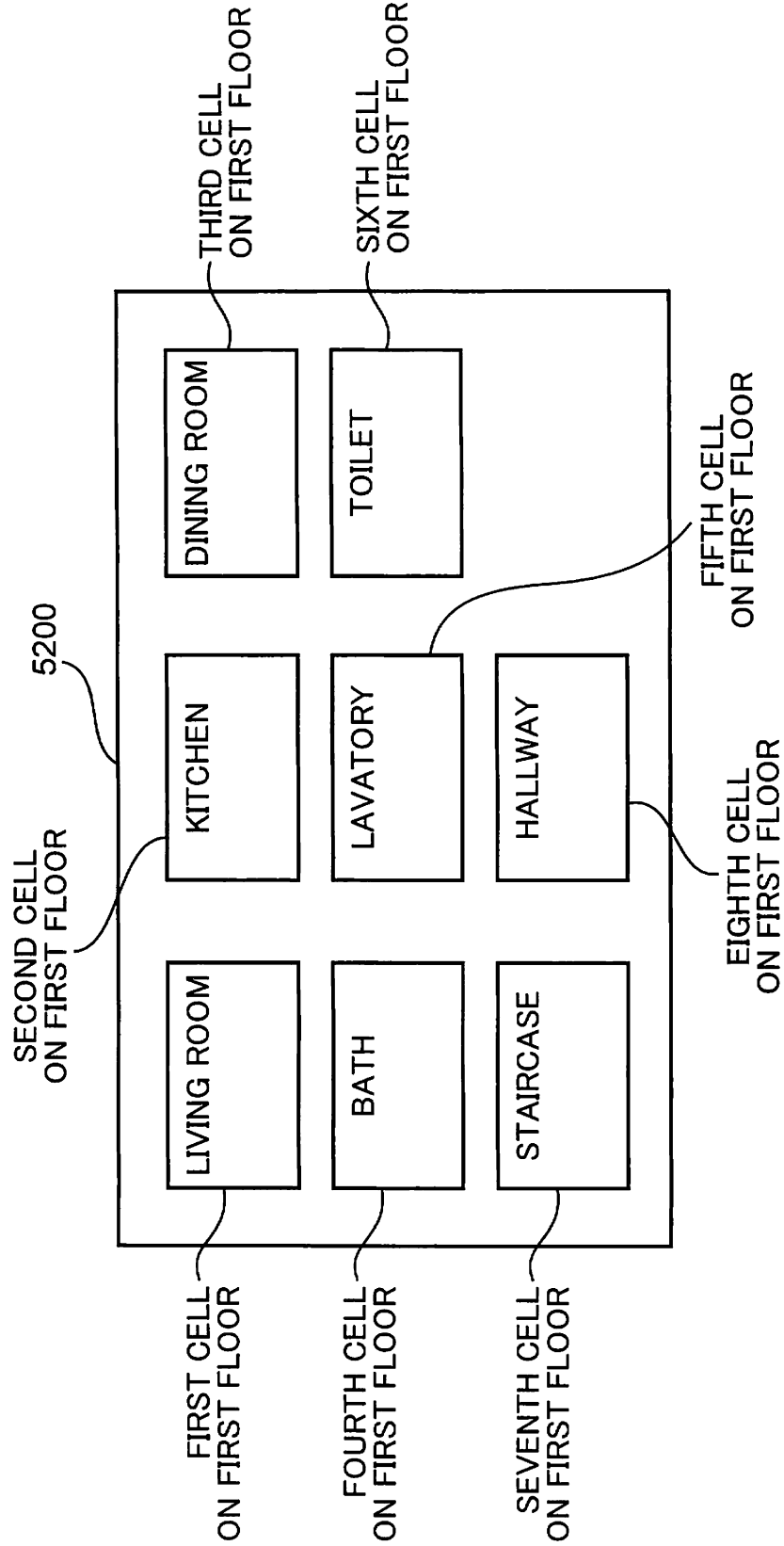


FIG.70

4701 DEVICE ID	4702 DEVICE TYPE	4703 MODEL NUMBER	4704 ARRANGEMENT	4705 CAPABILITY INFORMATION	4706 CONTROL COMMAND TRANSMISSION DESTINATION
A	AIR CONDITIONER	CS-X403C	LIVING ROOM	TEMPERATURE CONTROL, AIR FLOW DIRECTION CONTROL, AND AIR FLOW AMOUNT CONTROL	DEVICE
B	ILLUMINATION	HH-LC710A	LIVING ROOM	ON/OFF CONTROL AND DIMMER CONTROL	DEVICE
C	REFRIGERATOR	NR-F557XV	KITCHEN	POWER CONSUMPTION STATE MANAGEMENT	SERVER
...					

FIG. 71

3101 DEVICE ID	3102 DEVICE TYPE	3103 MODEL NUMBER	3104 ARRANGEMENT	3105 CAPABILITY INFORMATION	3106 CONTROL COMMAND TRANSMISSION DESTINATION	3107 IP ADDRESS
A	AIR CONDITIONER	CS-X403C	LIVING ROOM	TEMPERATURE CONTROL, AIR FLOW DIRECTION CONTROL, AND AIR FLOW AMOUNT CONTROL	DEVICE	192.168.0.5
B	ILLUMINATION	HH-LC710A	LIVING ROOM	ON/OFF CONTROL AND DIMMER CONTROL	DEVICE	192.168.0.6
C	REFRIGERATOR	NR-F557XV	KITCHEN	POWER CONSUMPTION STATE MANAGEMENT	SERVER	192.168.0.7
...						

FIG. 72

100

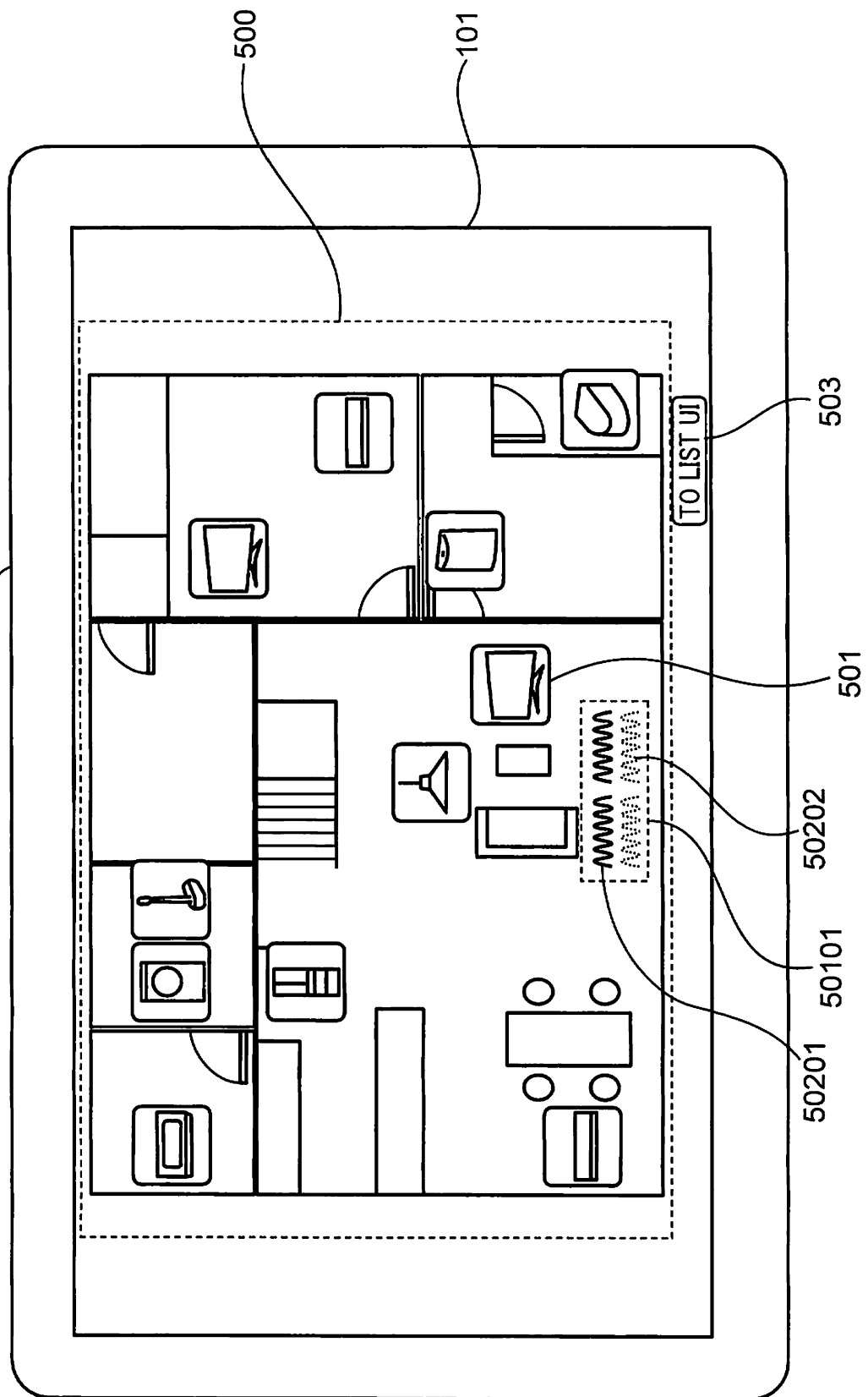


FIG. 73A

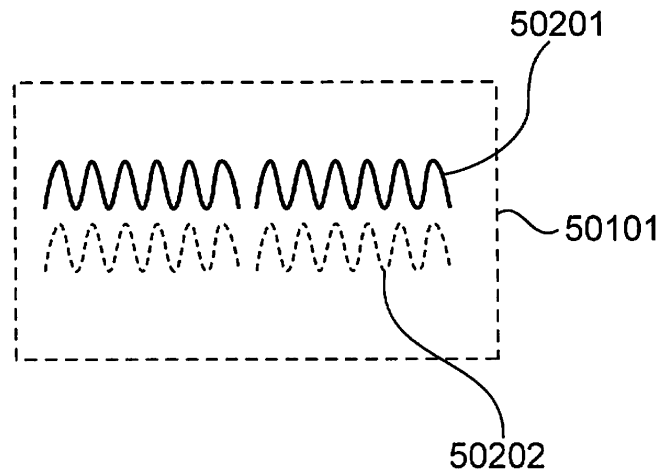


FIG. 73B

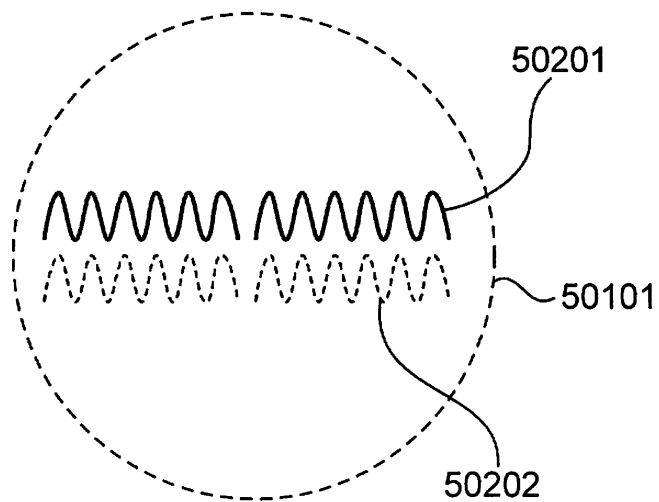


FIG. 74A

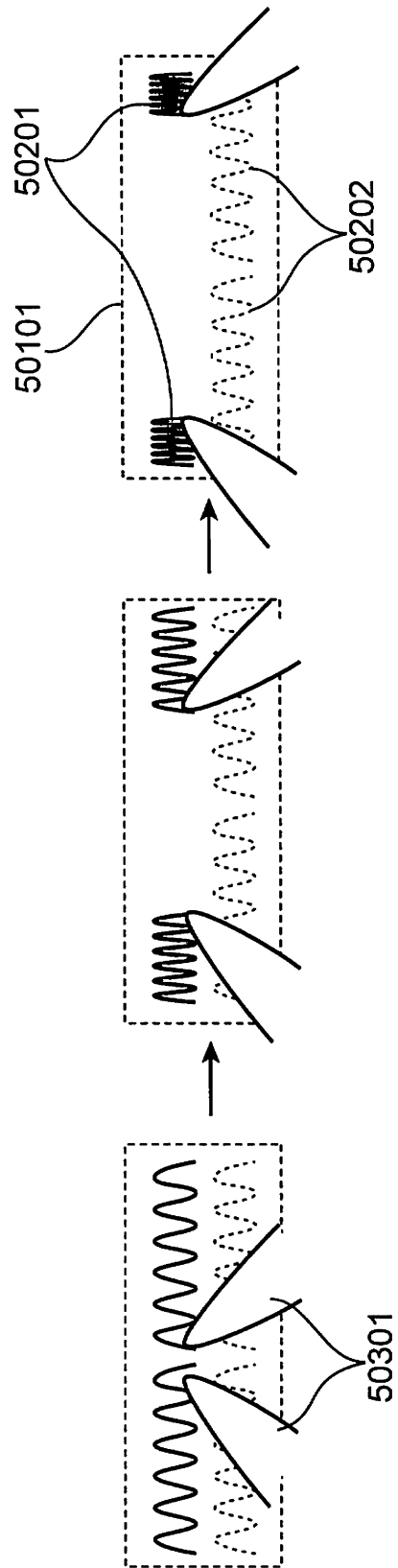


FIG. 74B

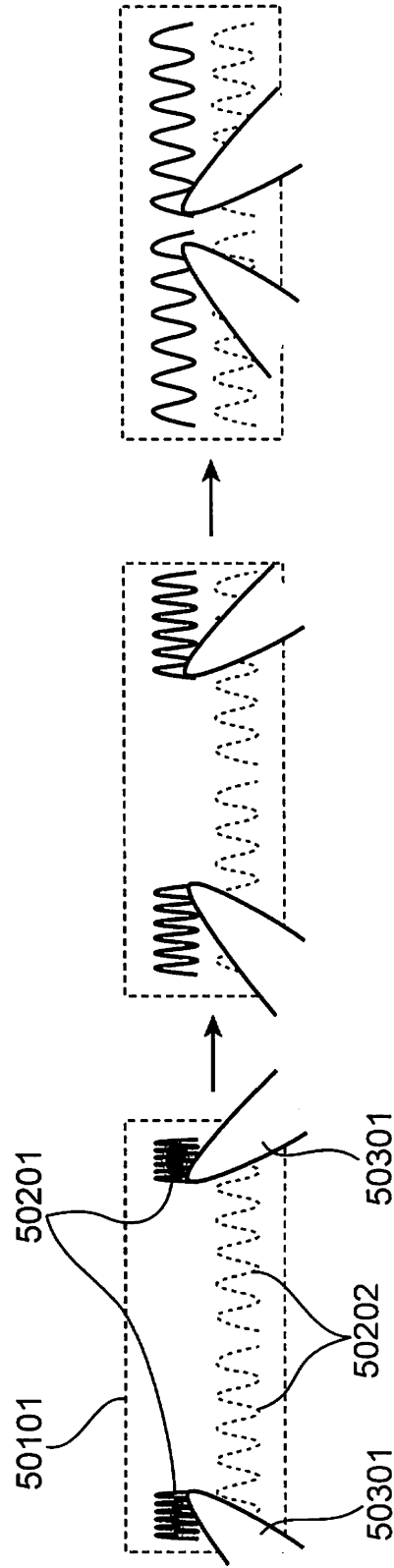


FIG. 75A

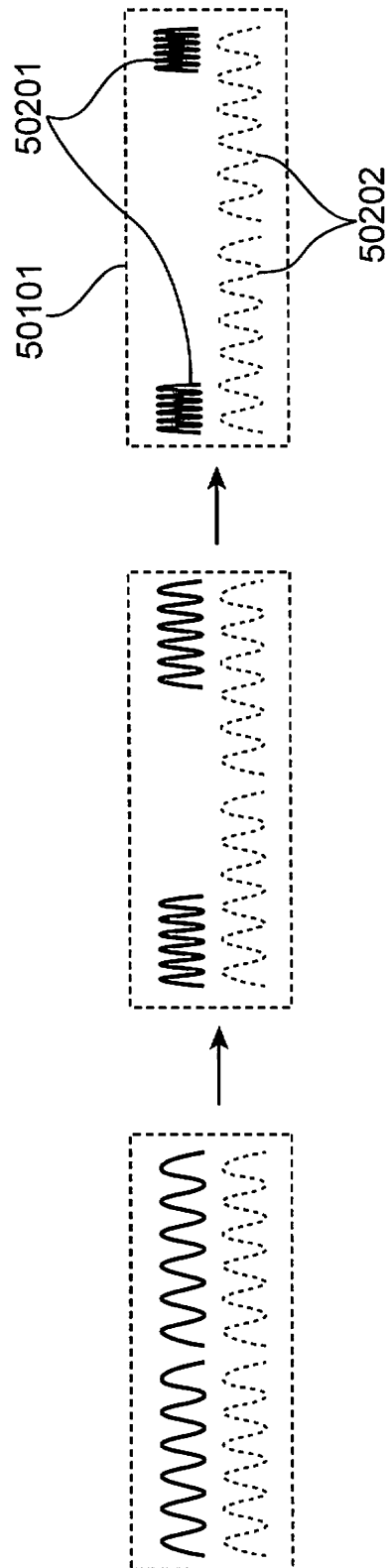


FIG. 75B

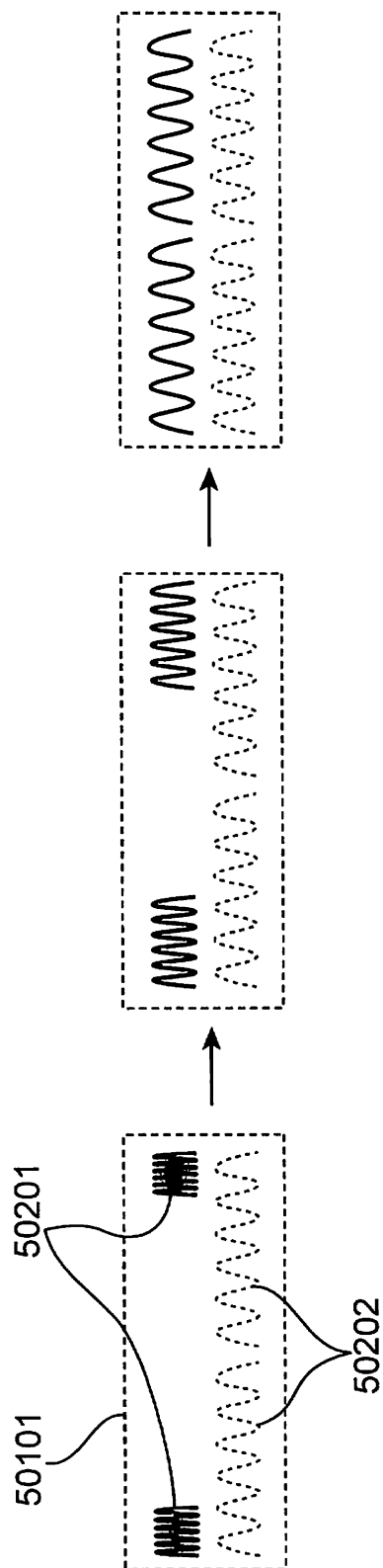


FIG. 76A

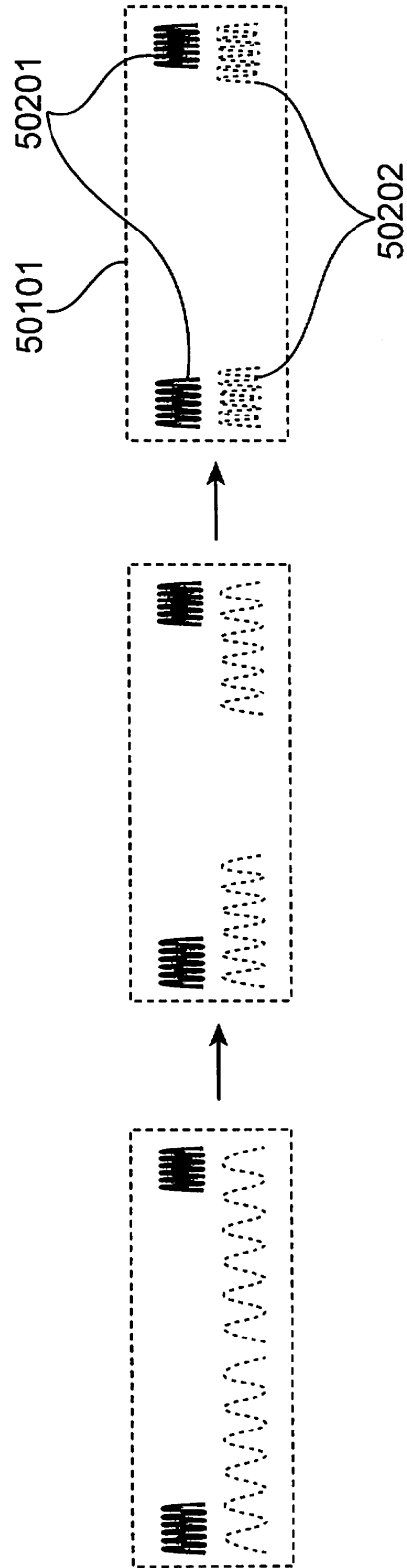
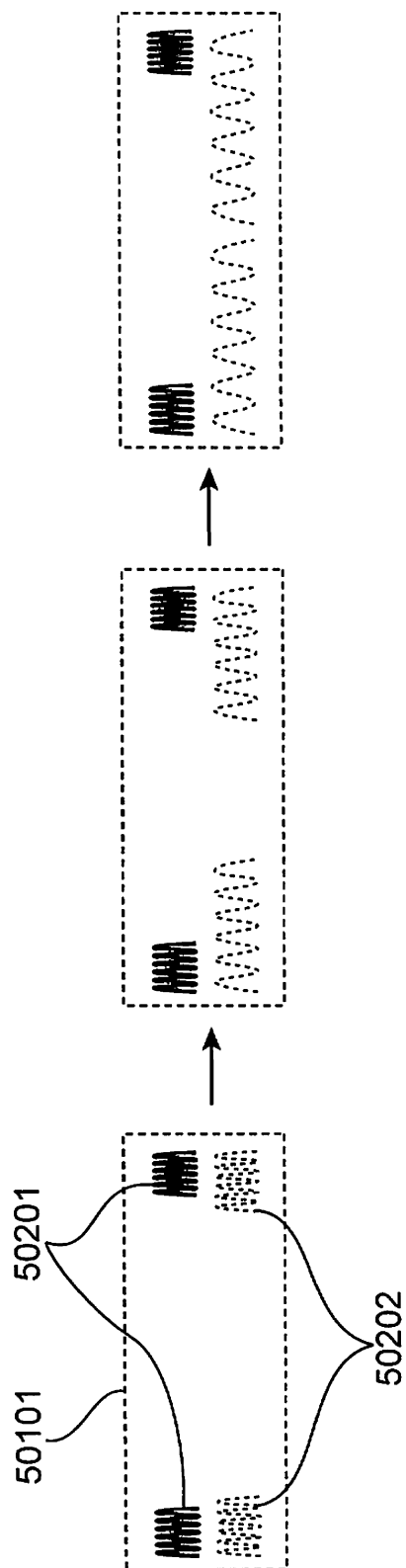


FIG. 76B



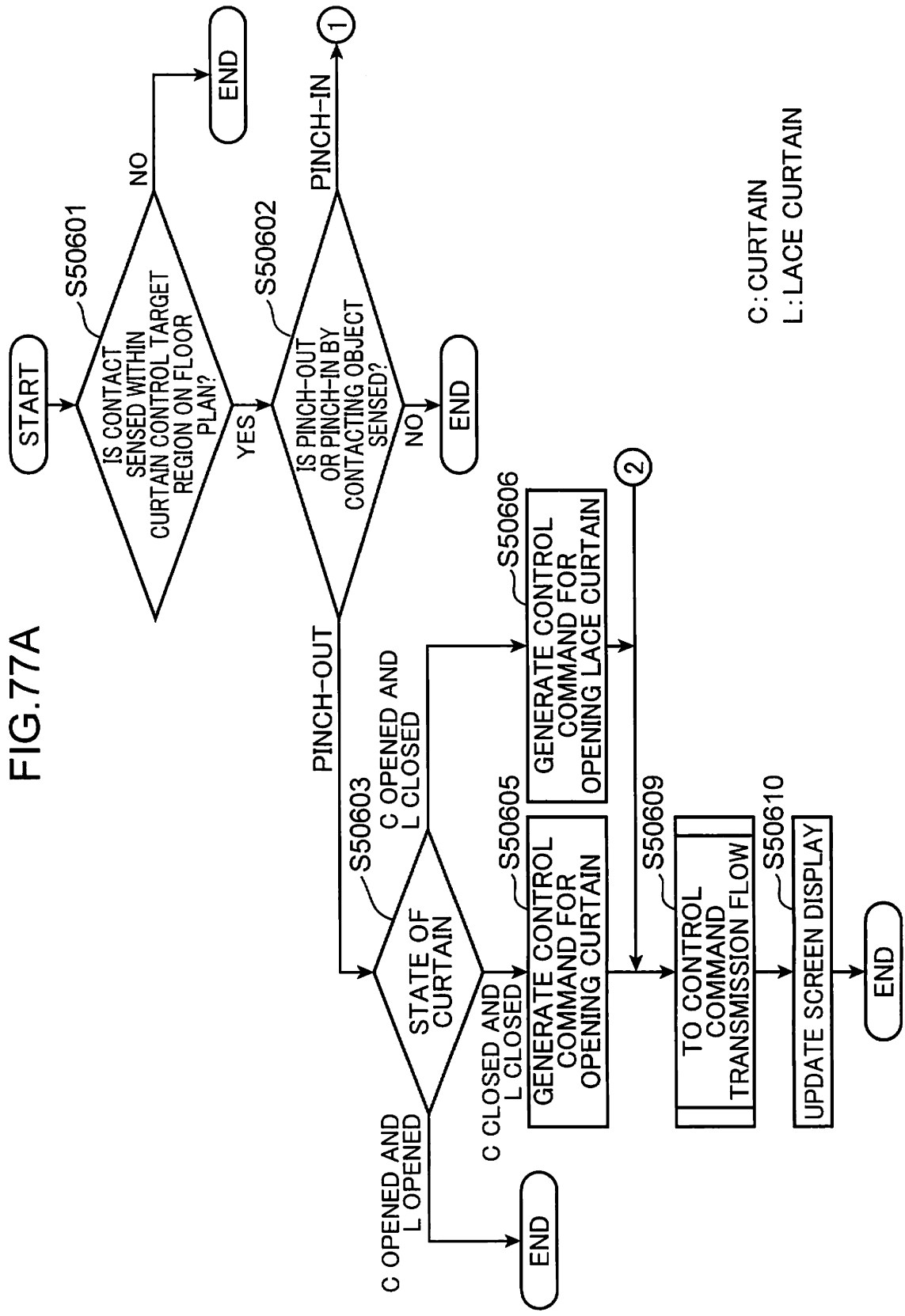
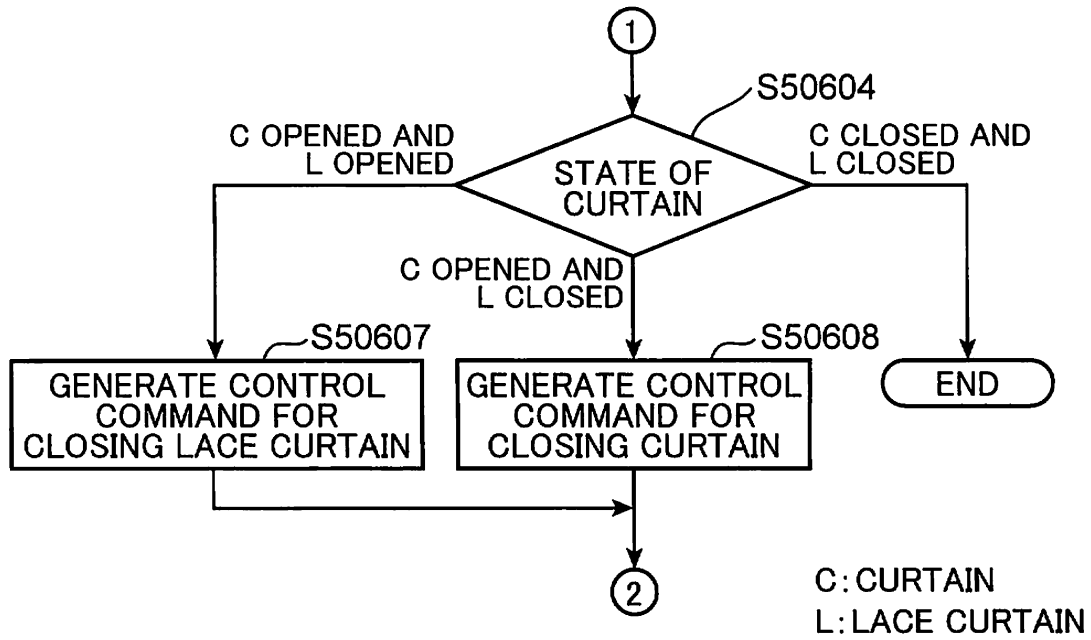


FIG.77B



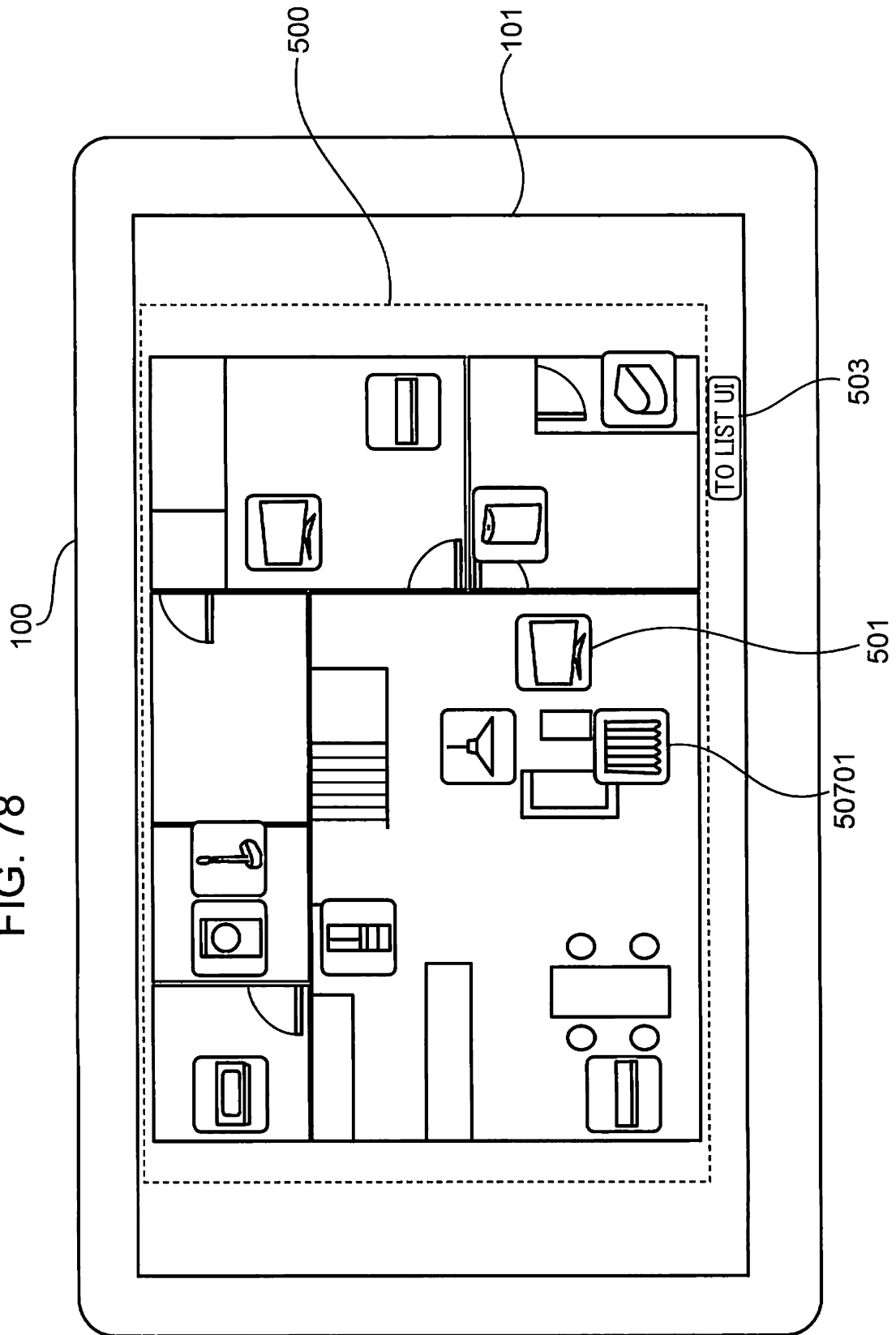


FIG. 79

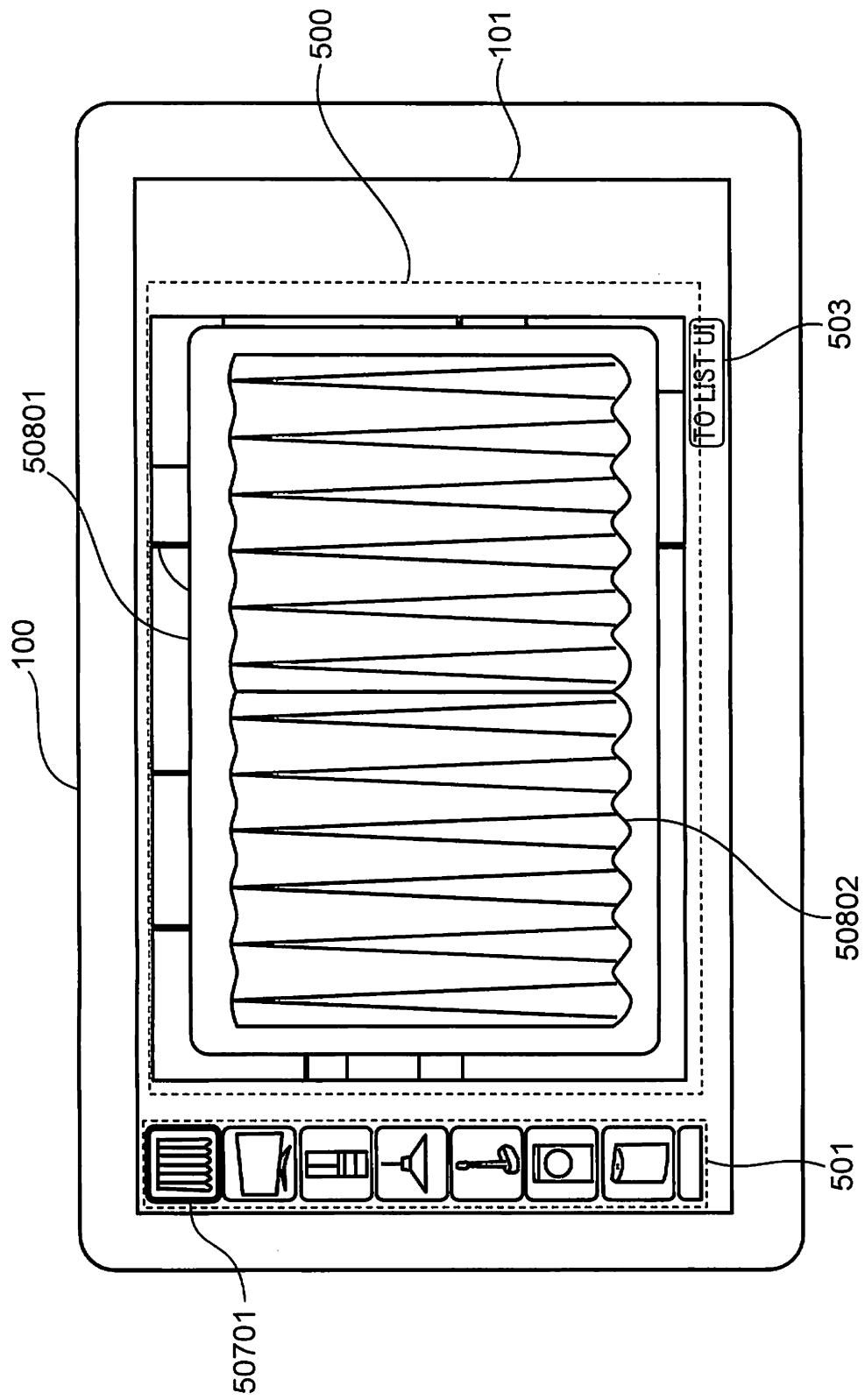


FIG. 80A

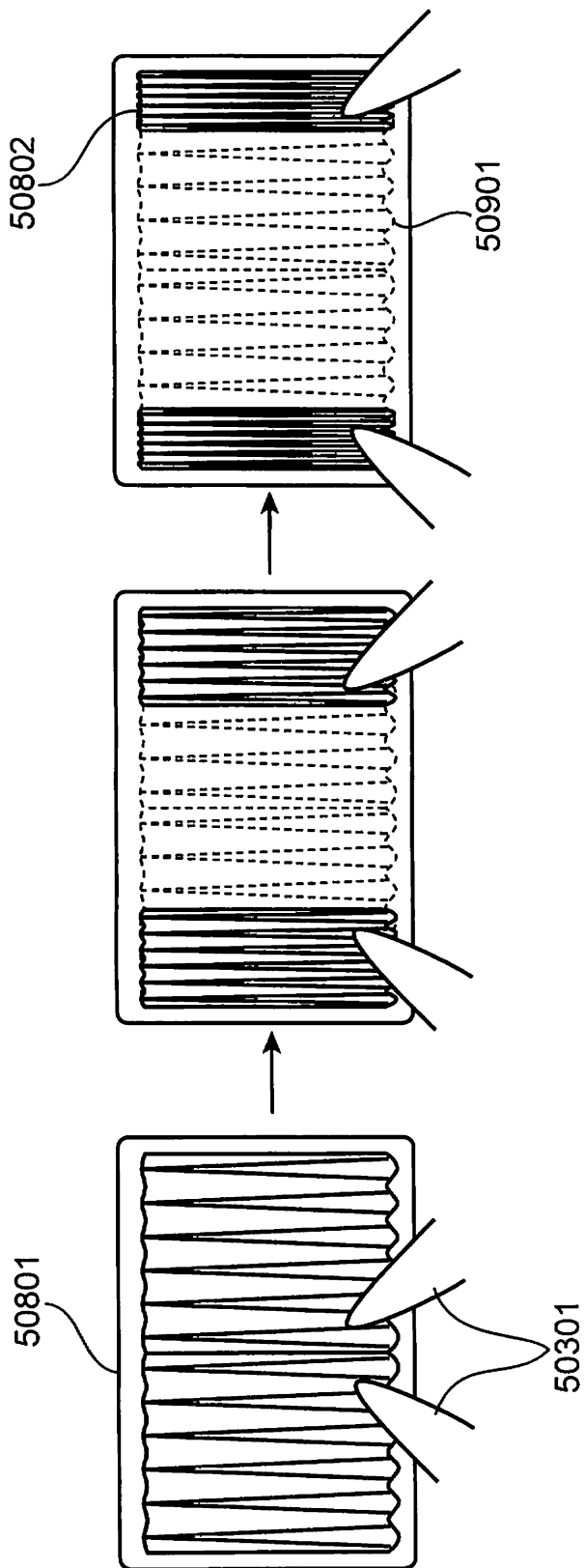


FIG. 80B

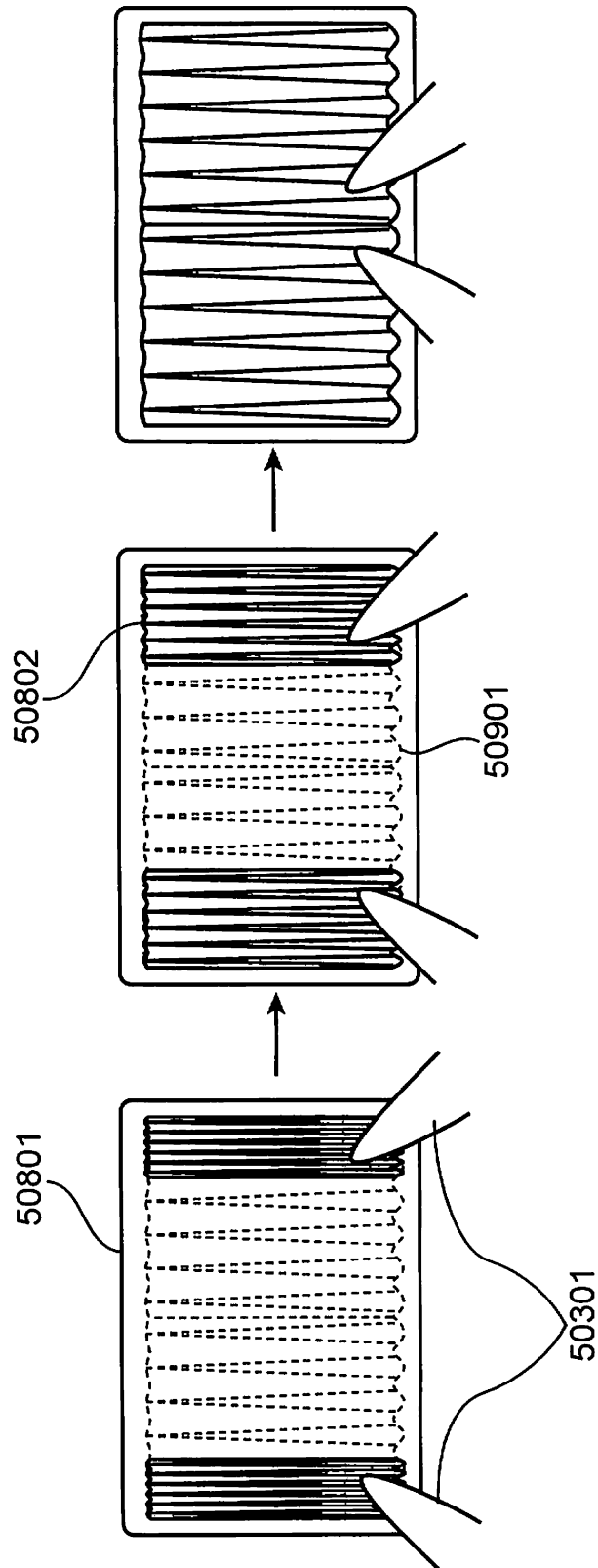


FIG. 81A

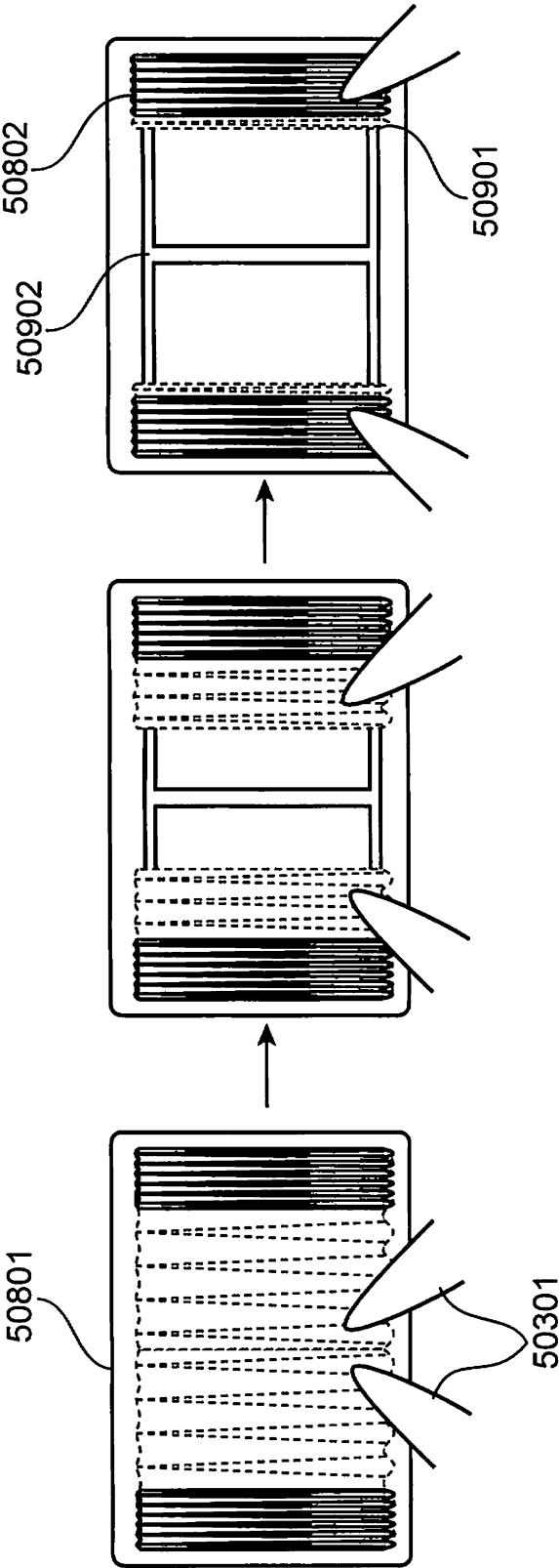


FIG. 81B

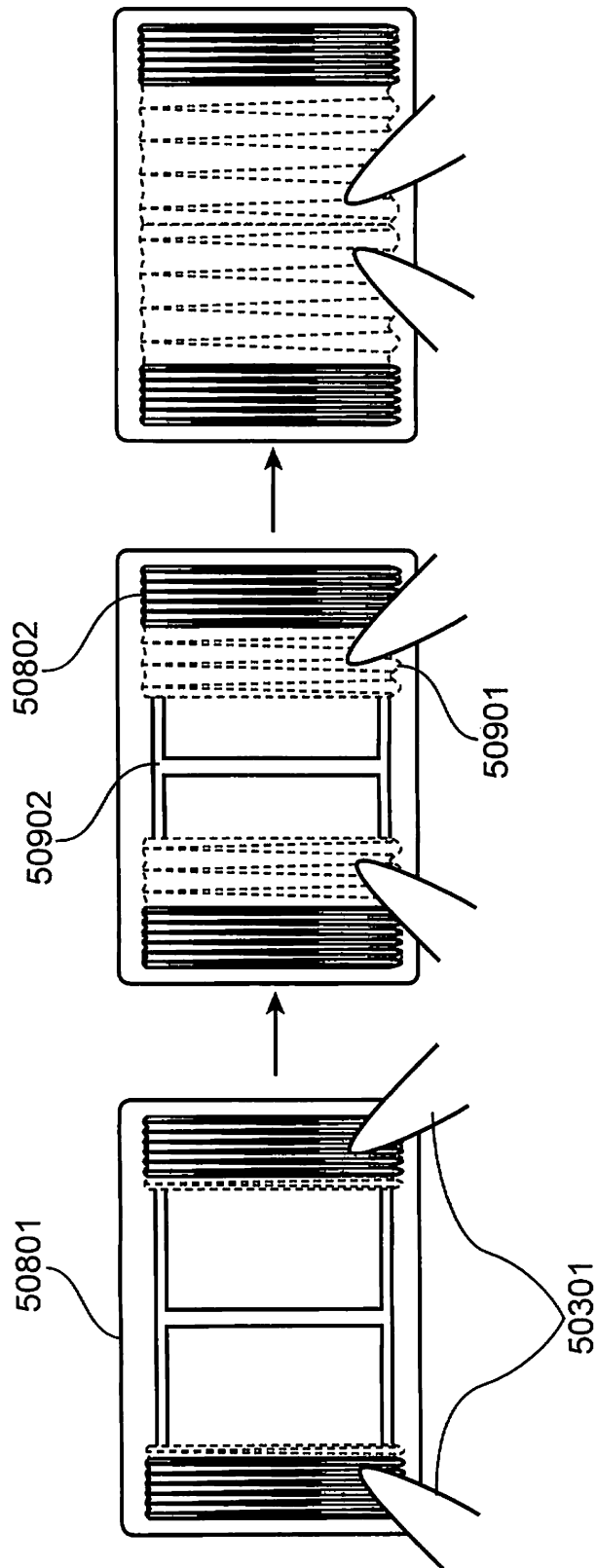


FIG.82

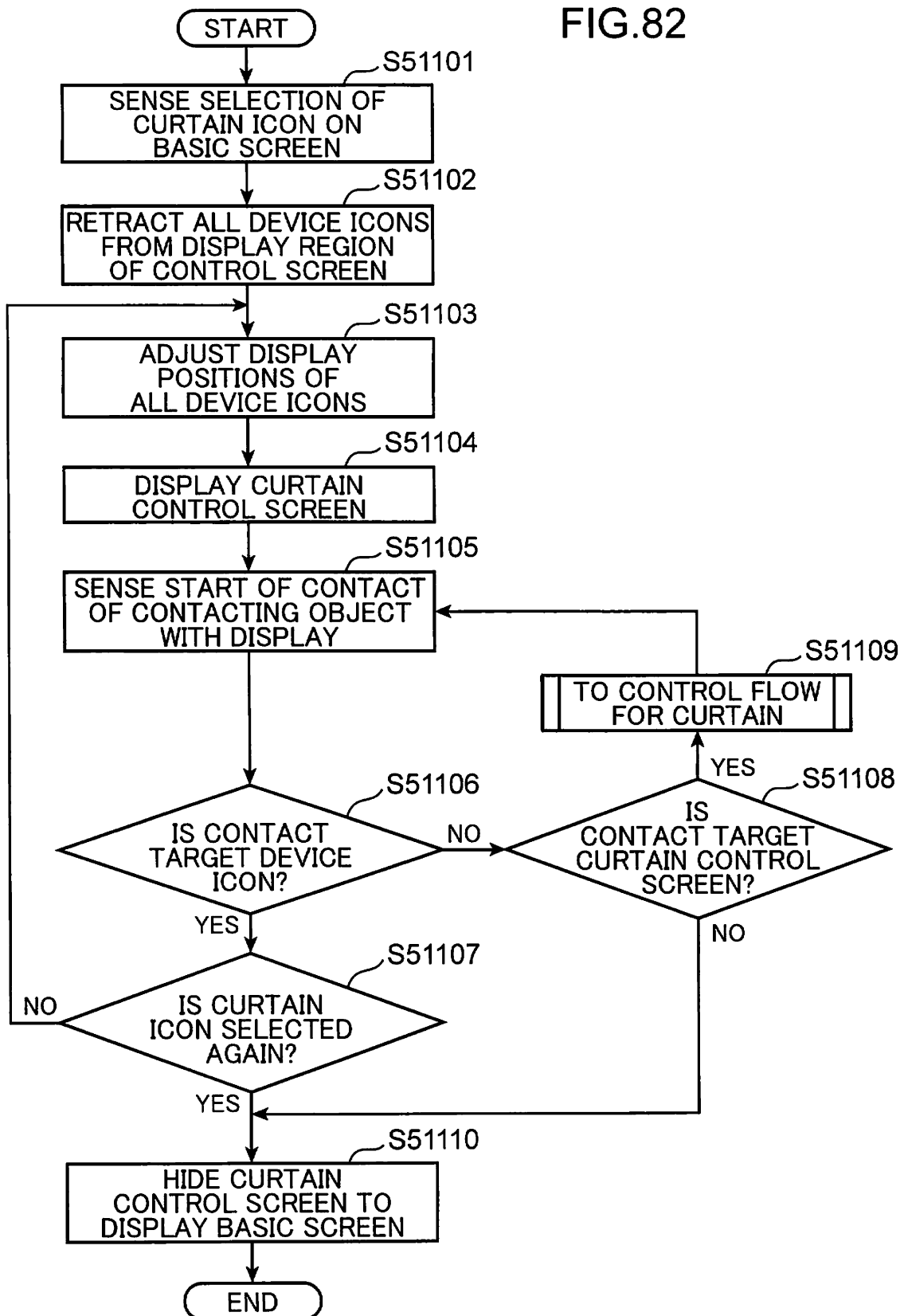


FIG. 83A

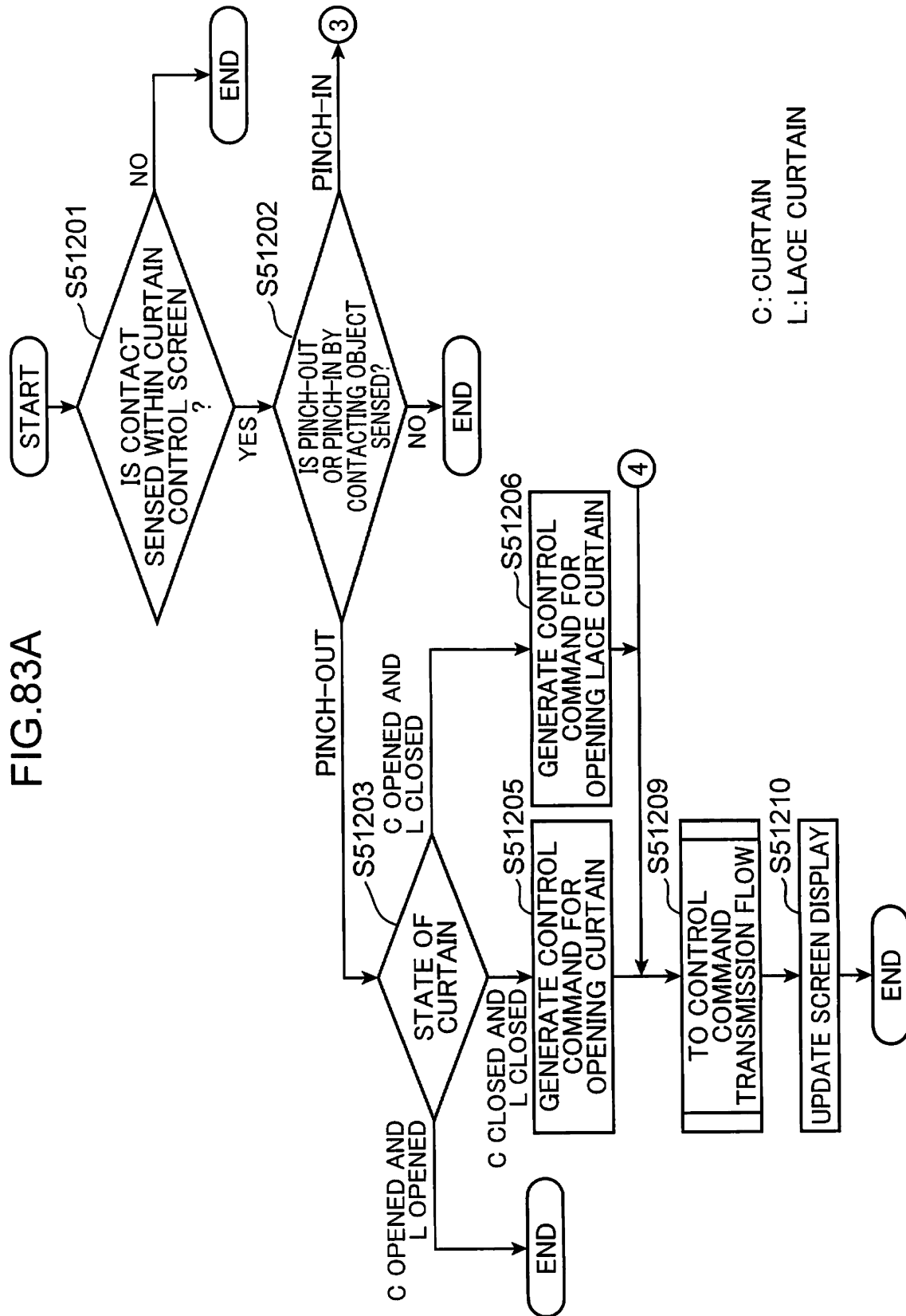


FIG.83B

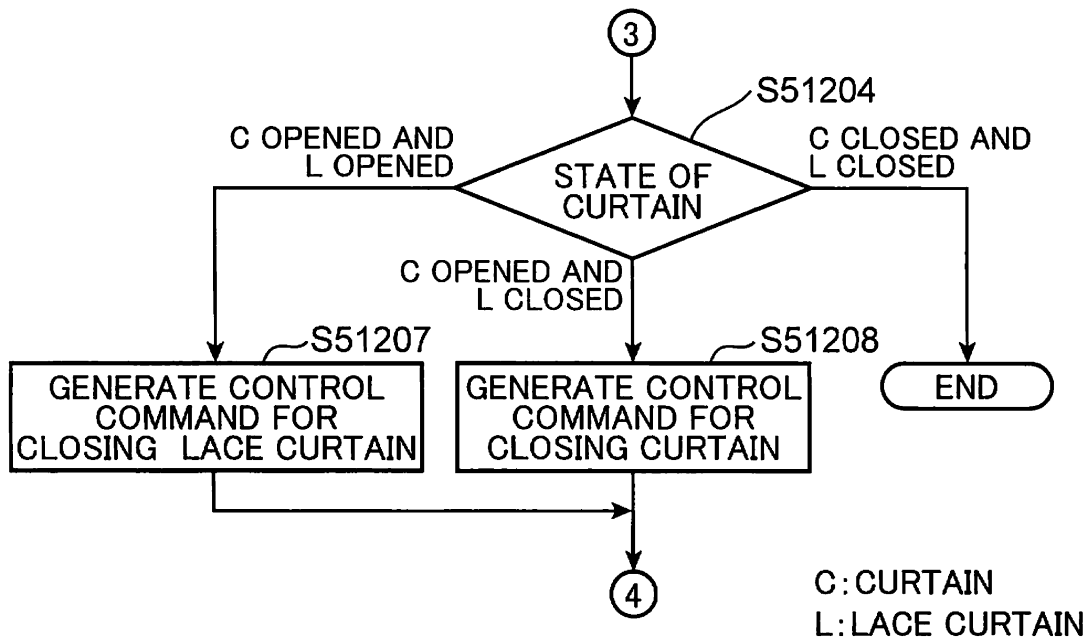


FIG. 84

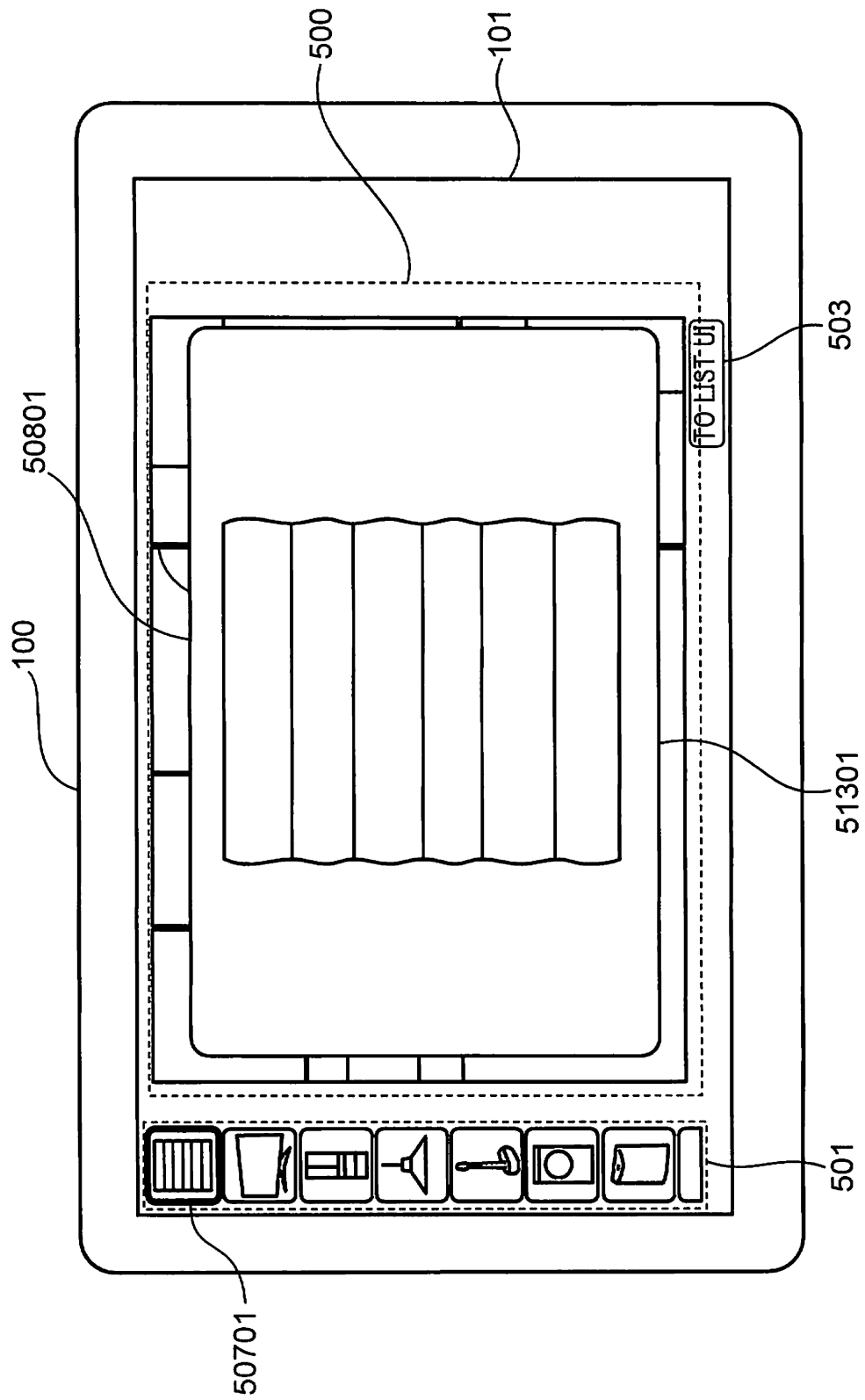


FIG. 85A

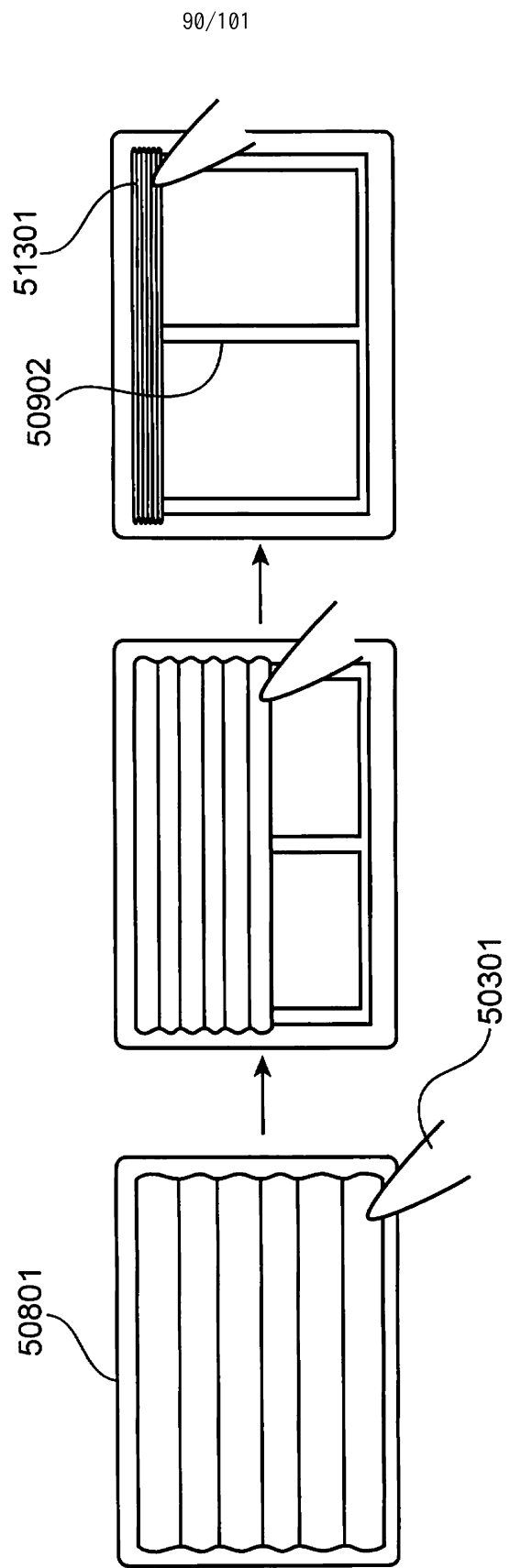


FIG. 85B

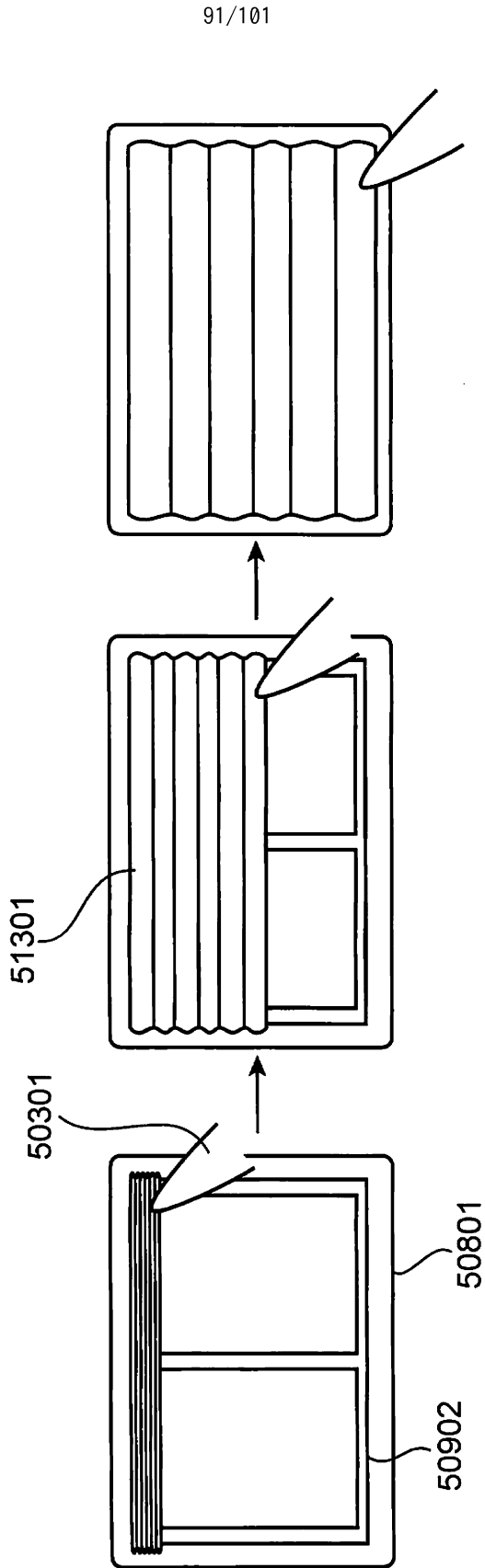


FIG. 86A

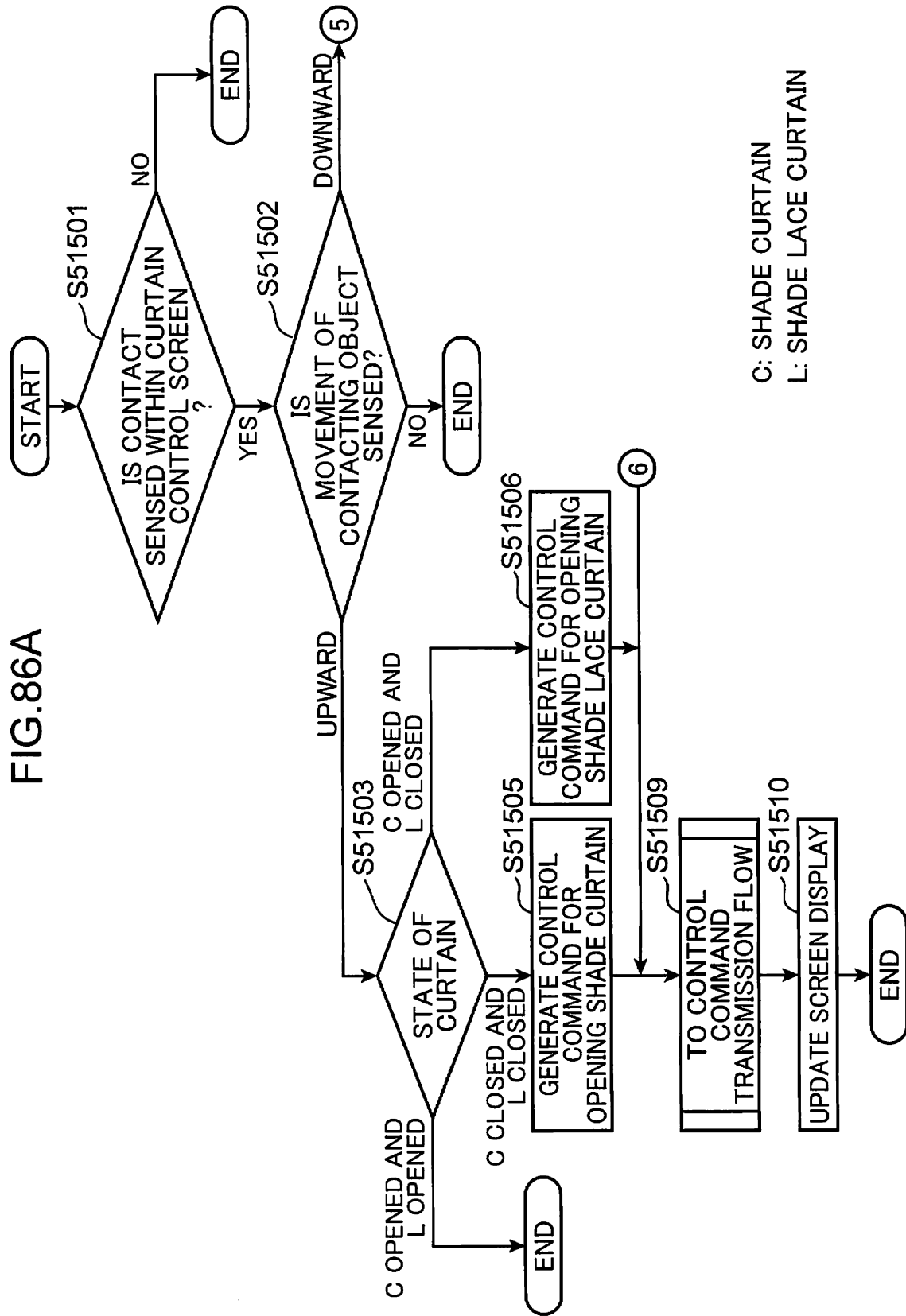


FIG.86B

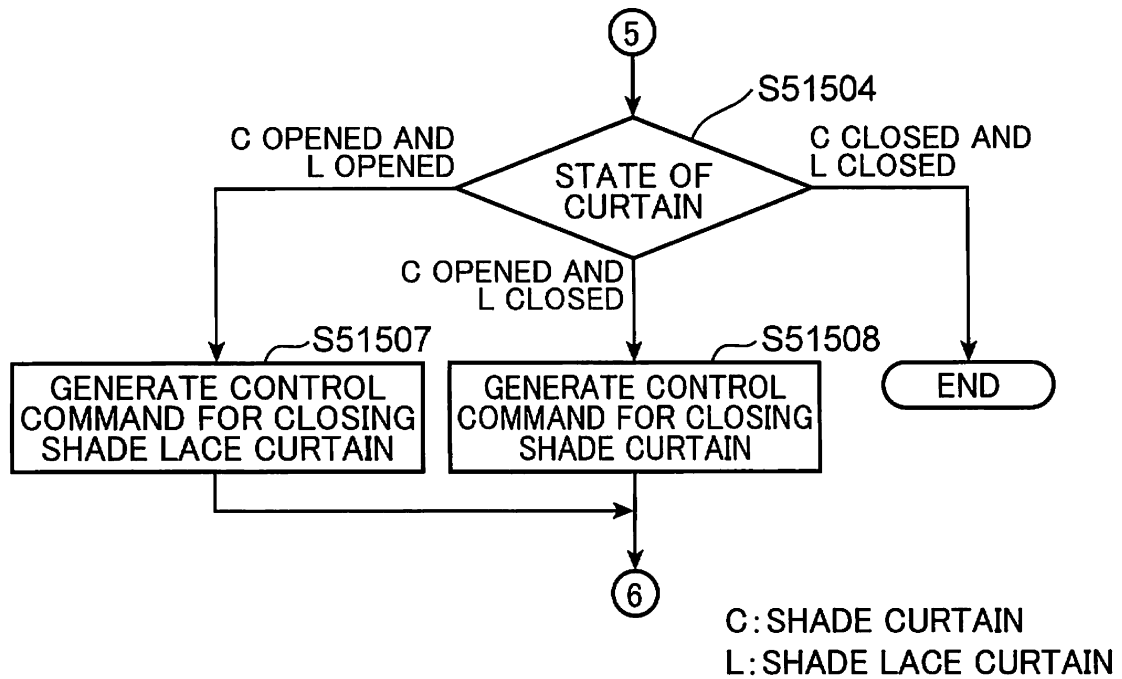


FIG. 87A

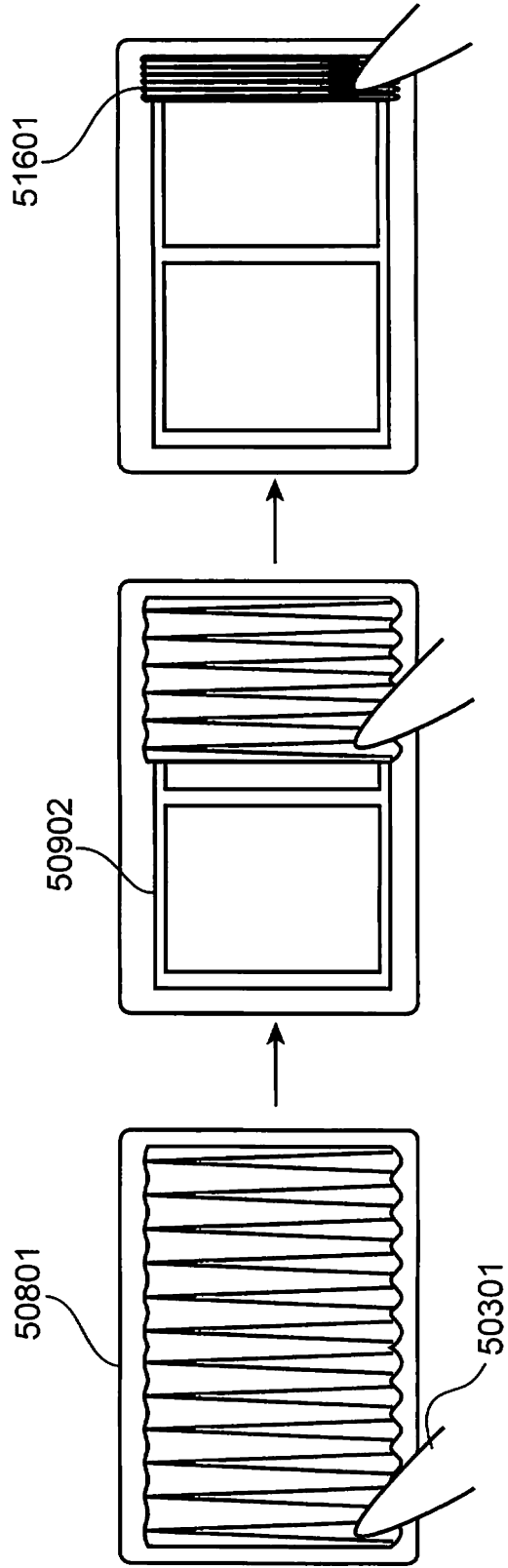


FIG. 87B

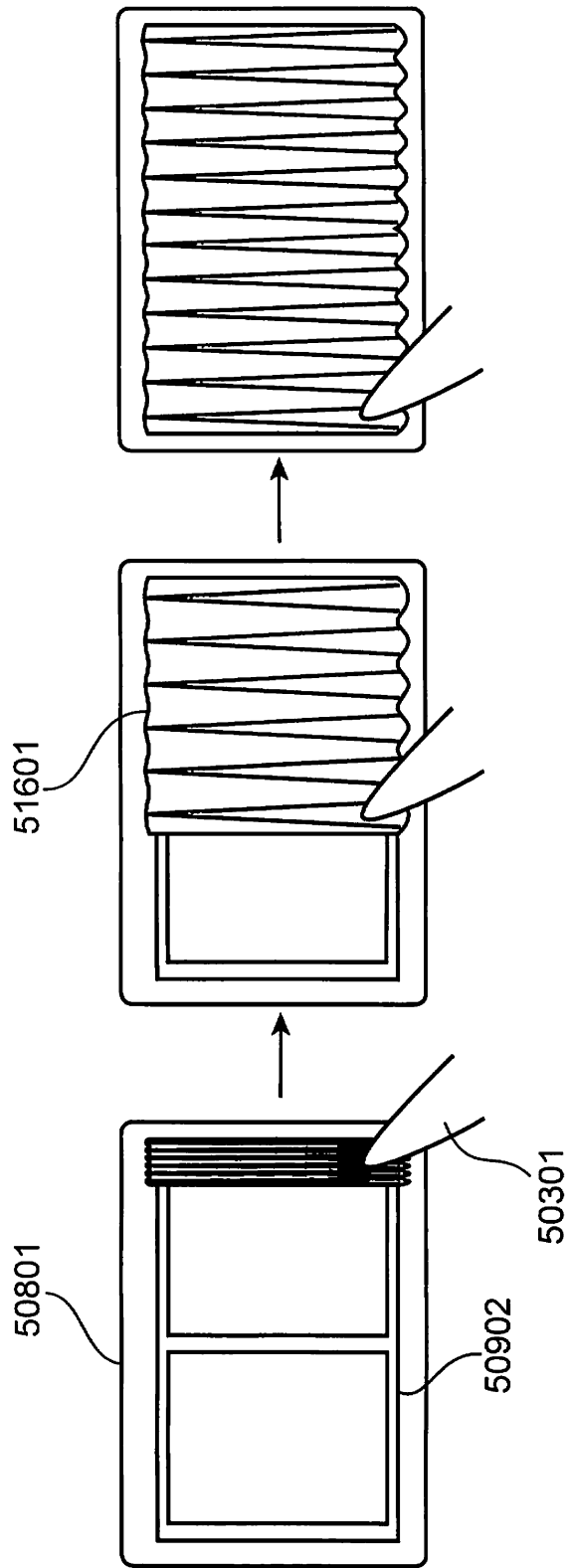


FIG. 88

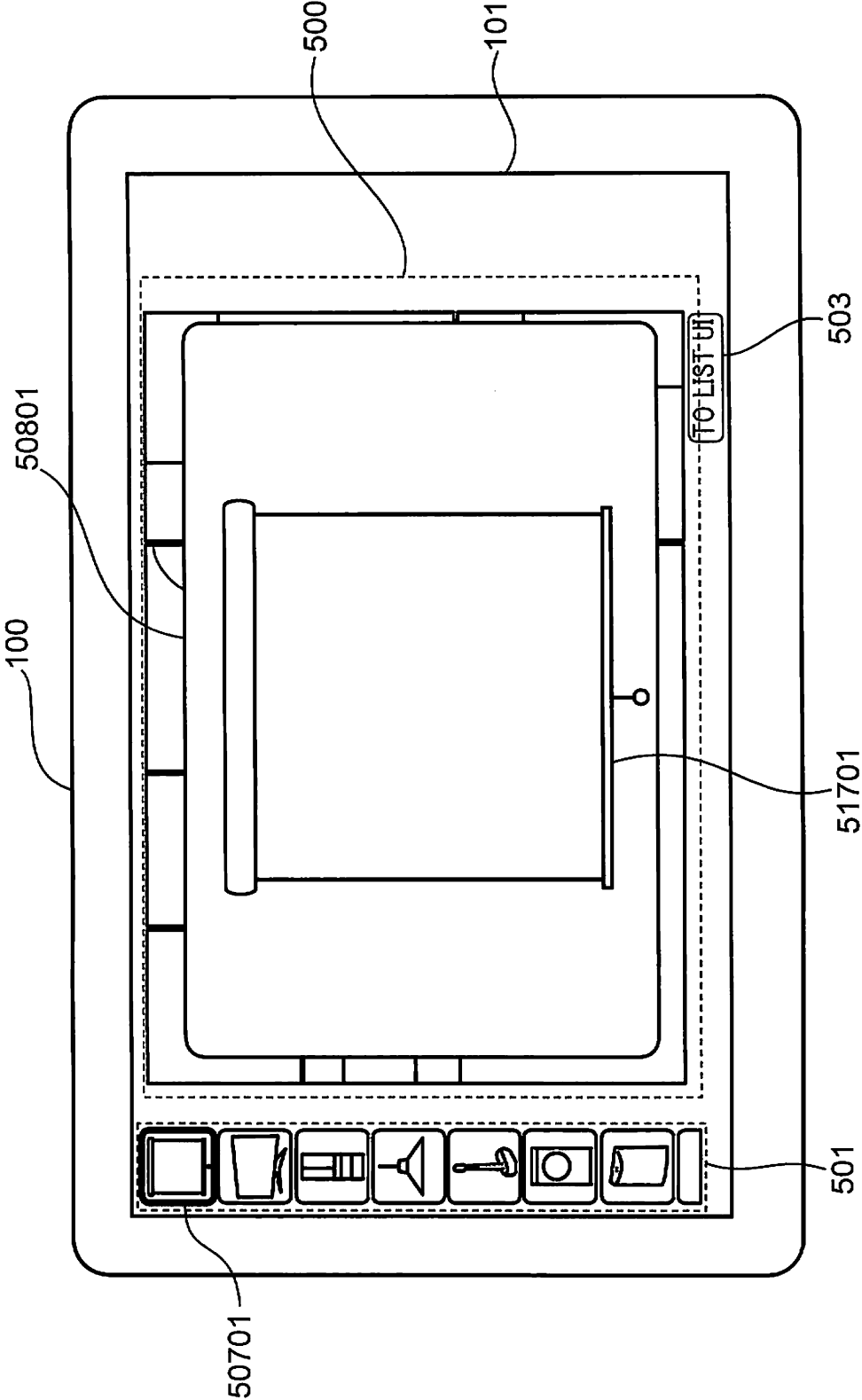


FIG. 89A

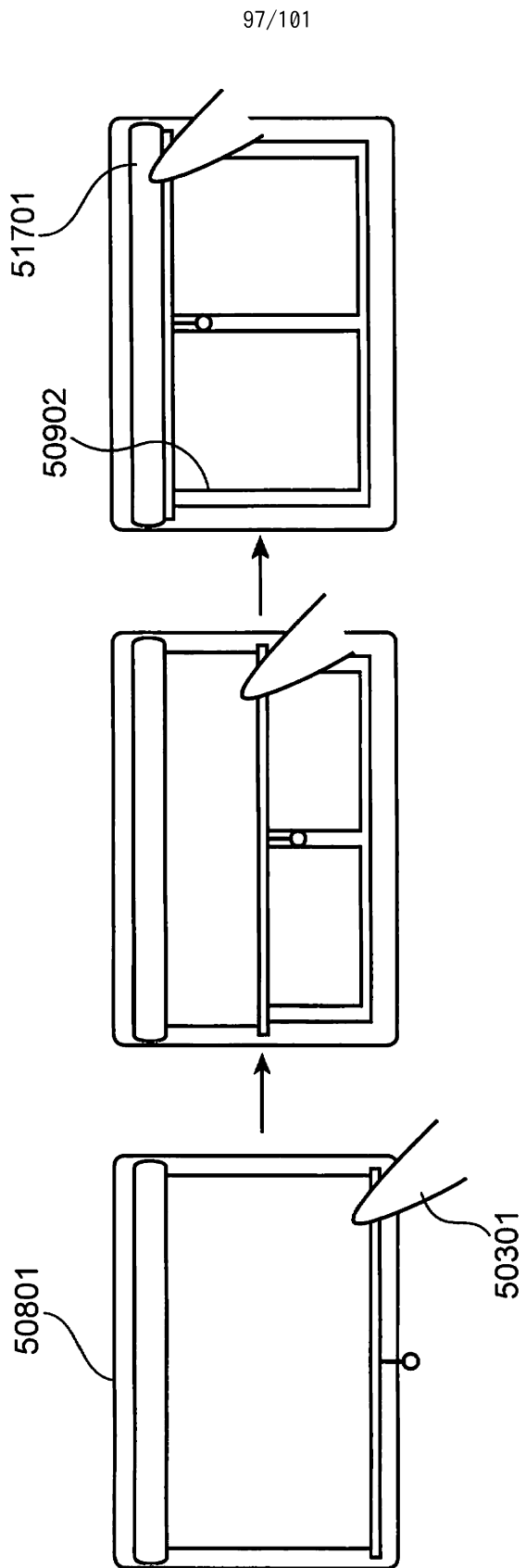


FIG. 89B

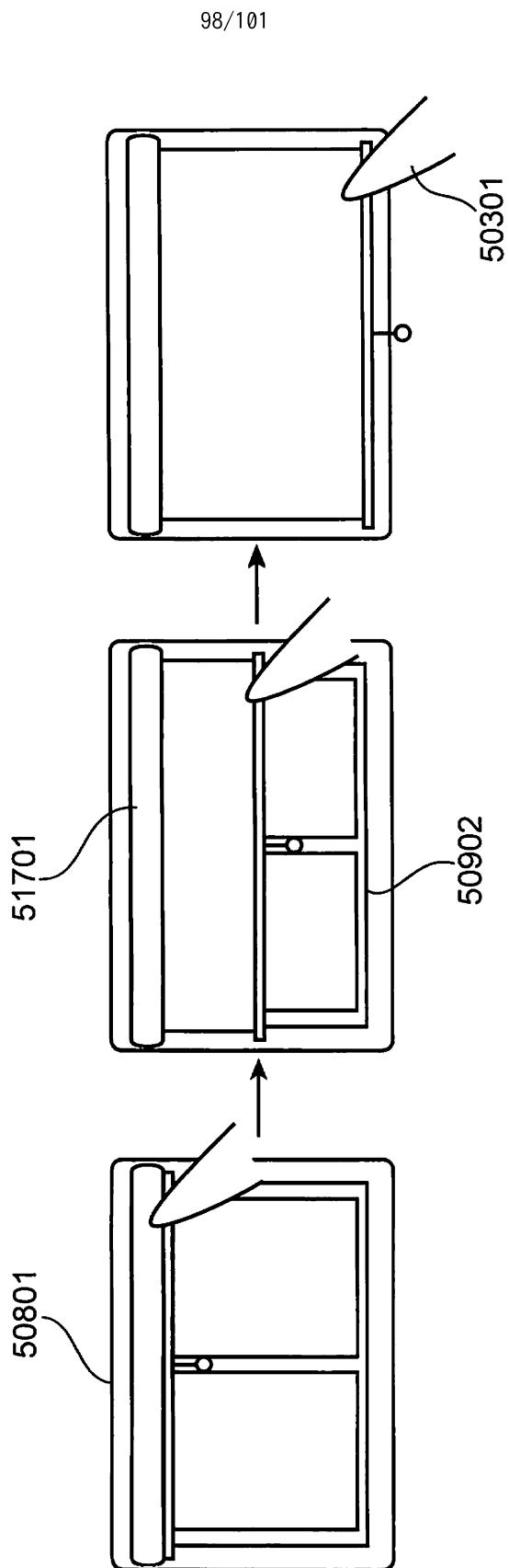


FIG. 90

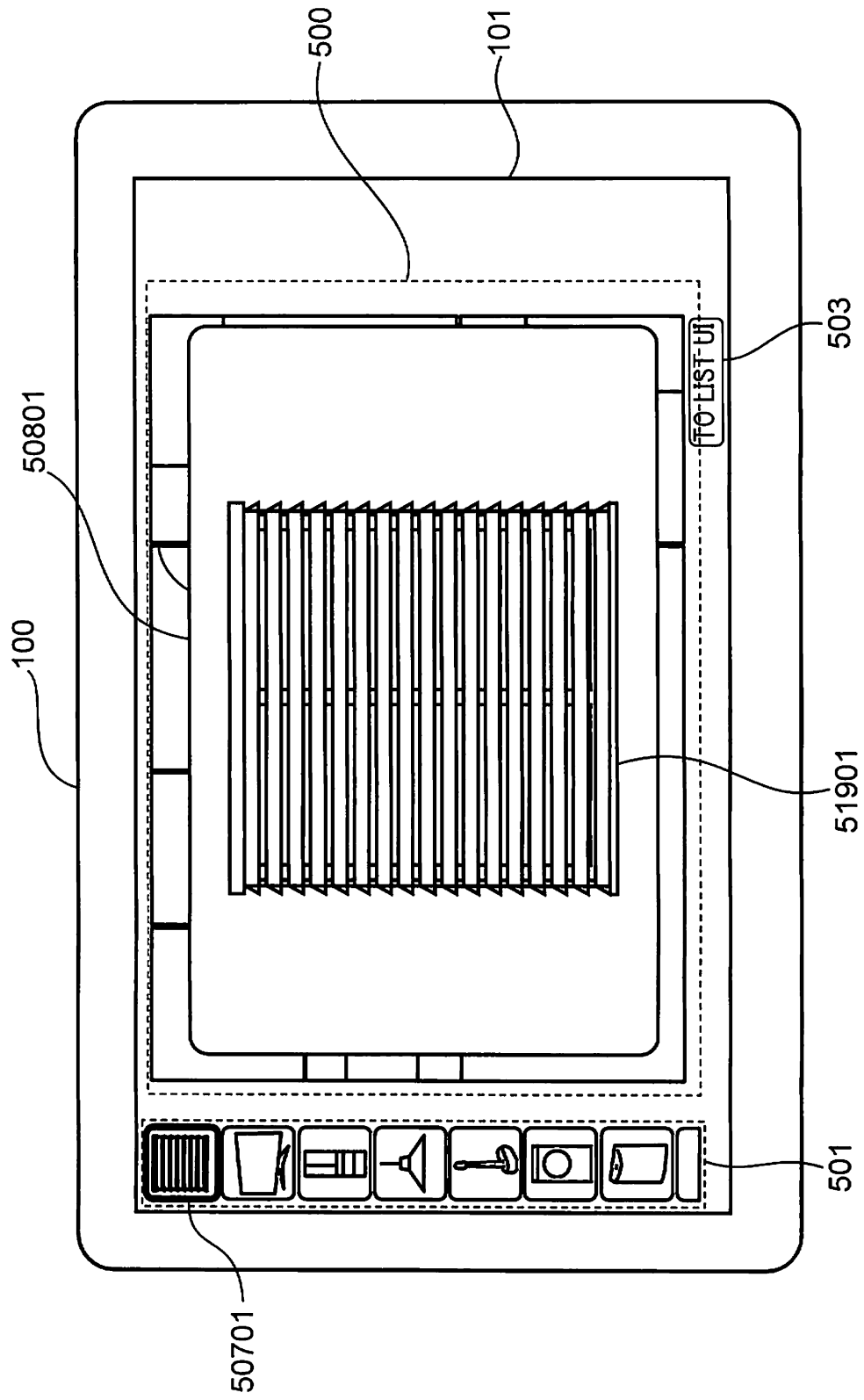


FIG. 91A

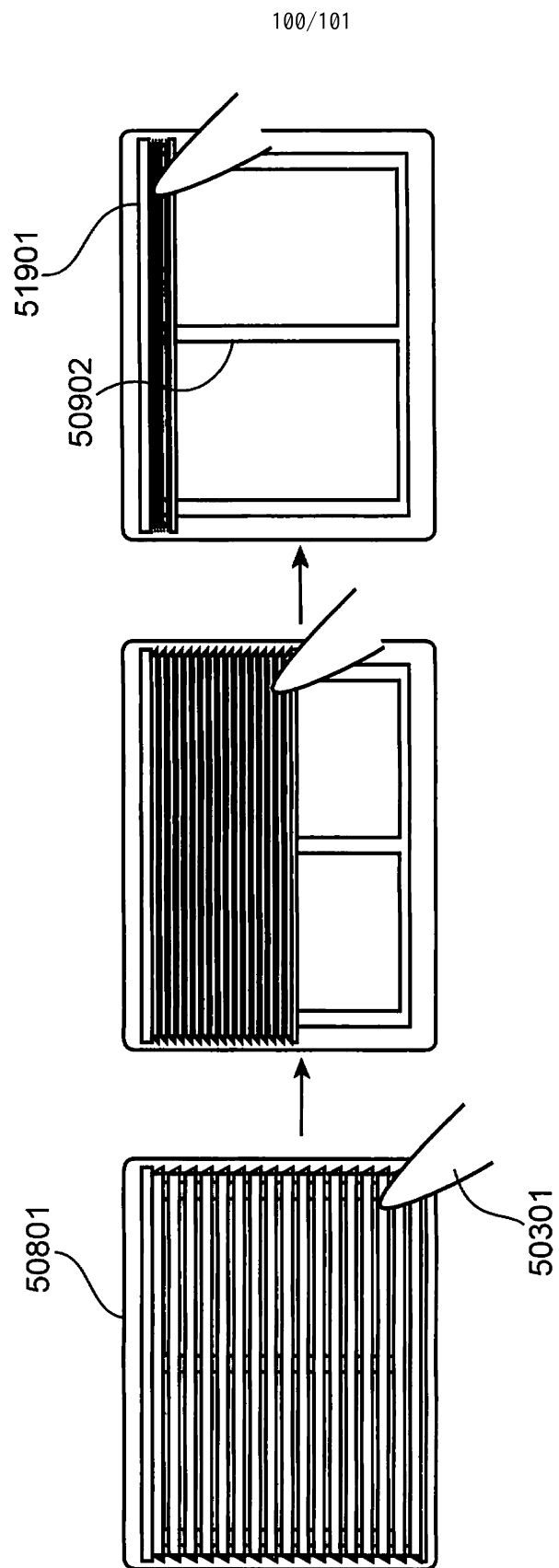


FIG. 91B

