

FIG. 1

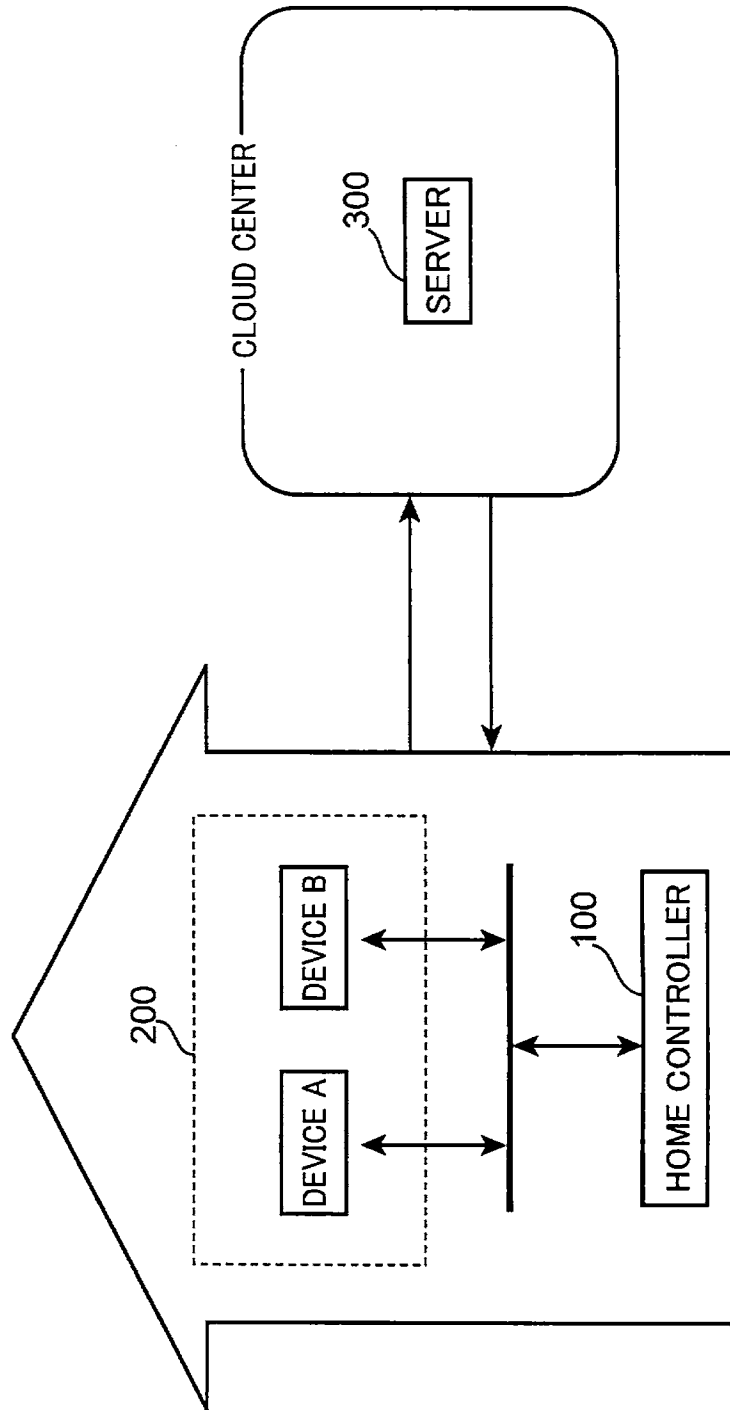


FIG. 2

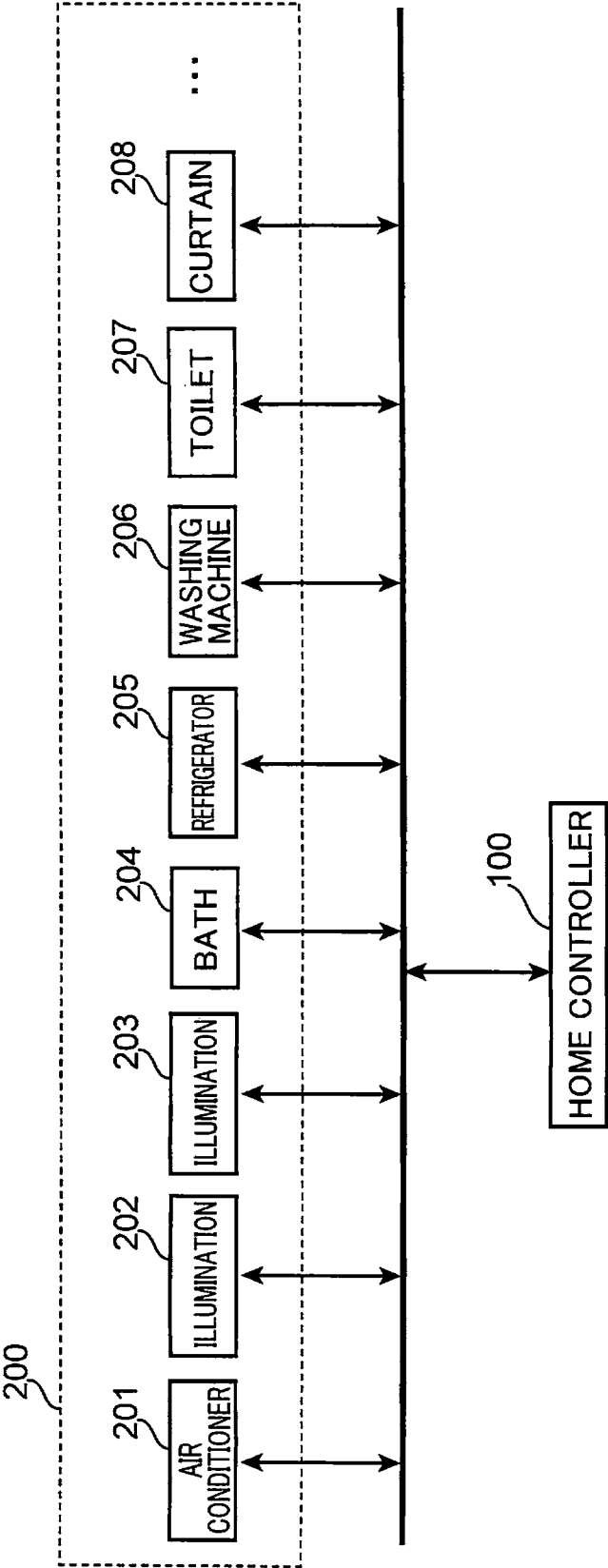


FIG.3

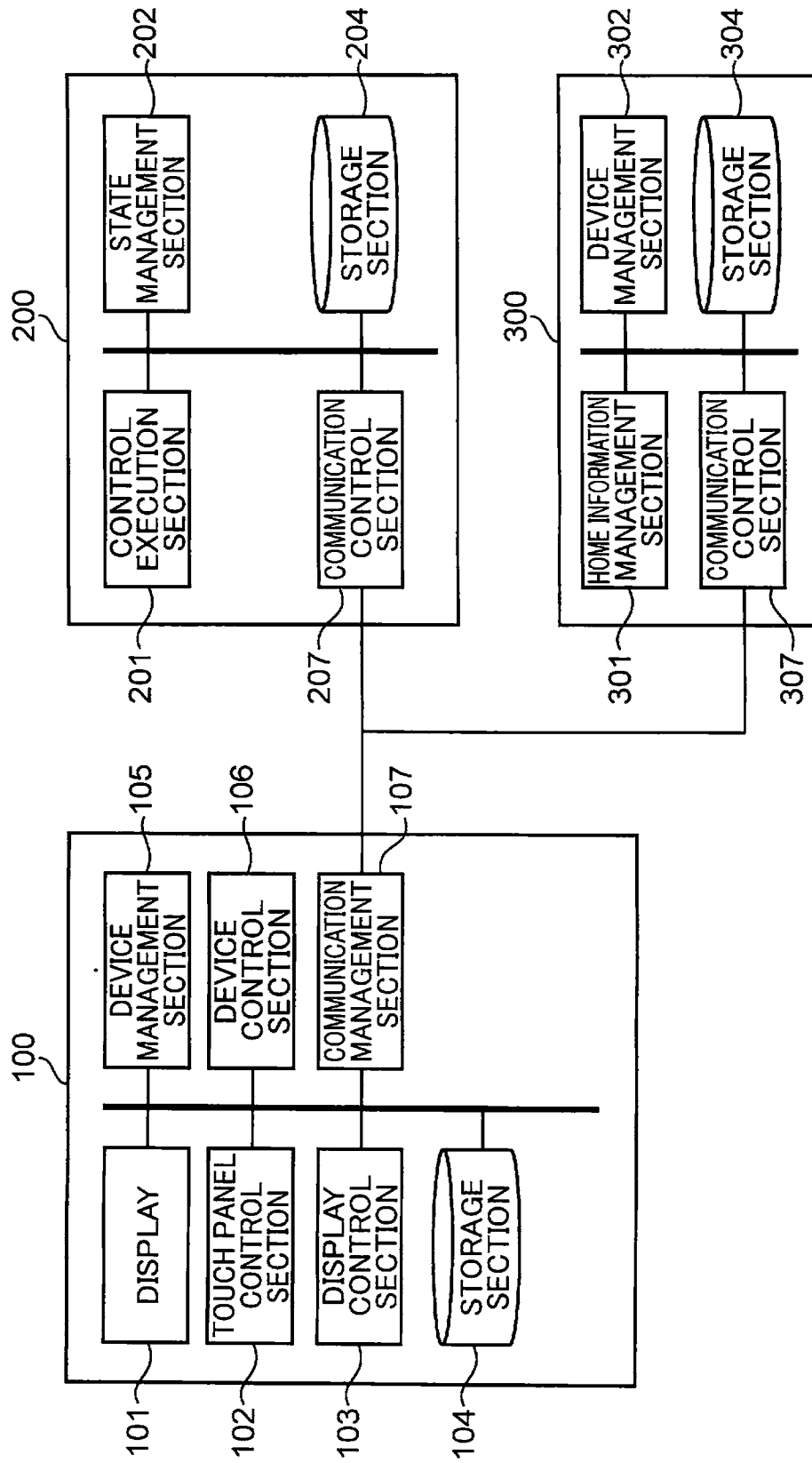


FIG. 4

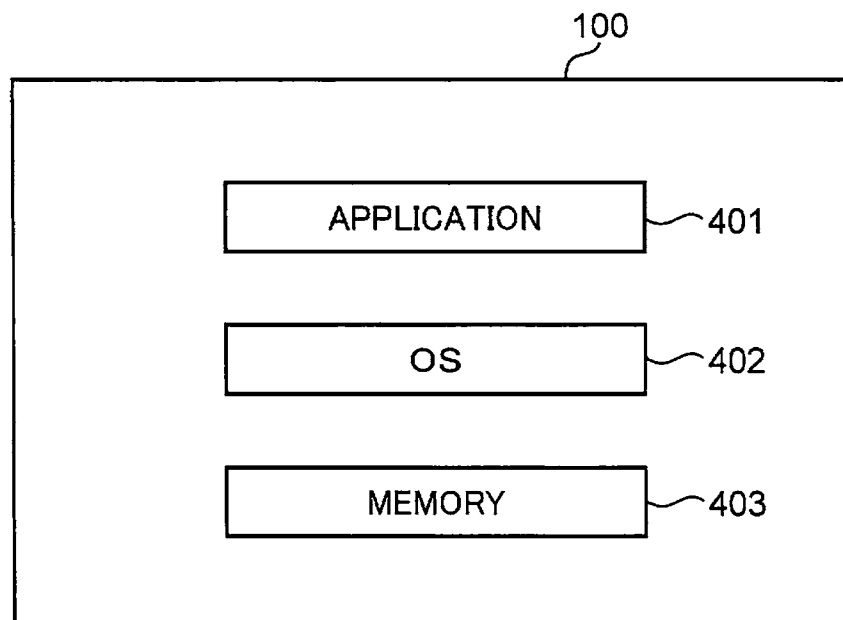


FIG. 6

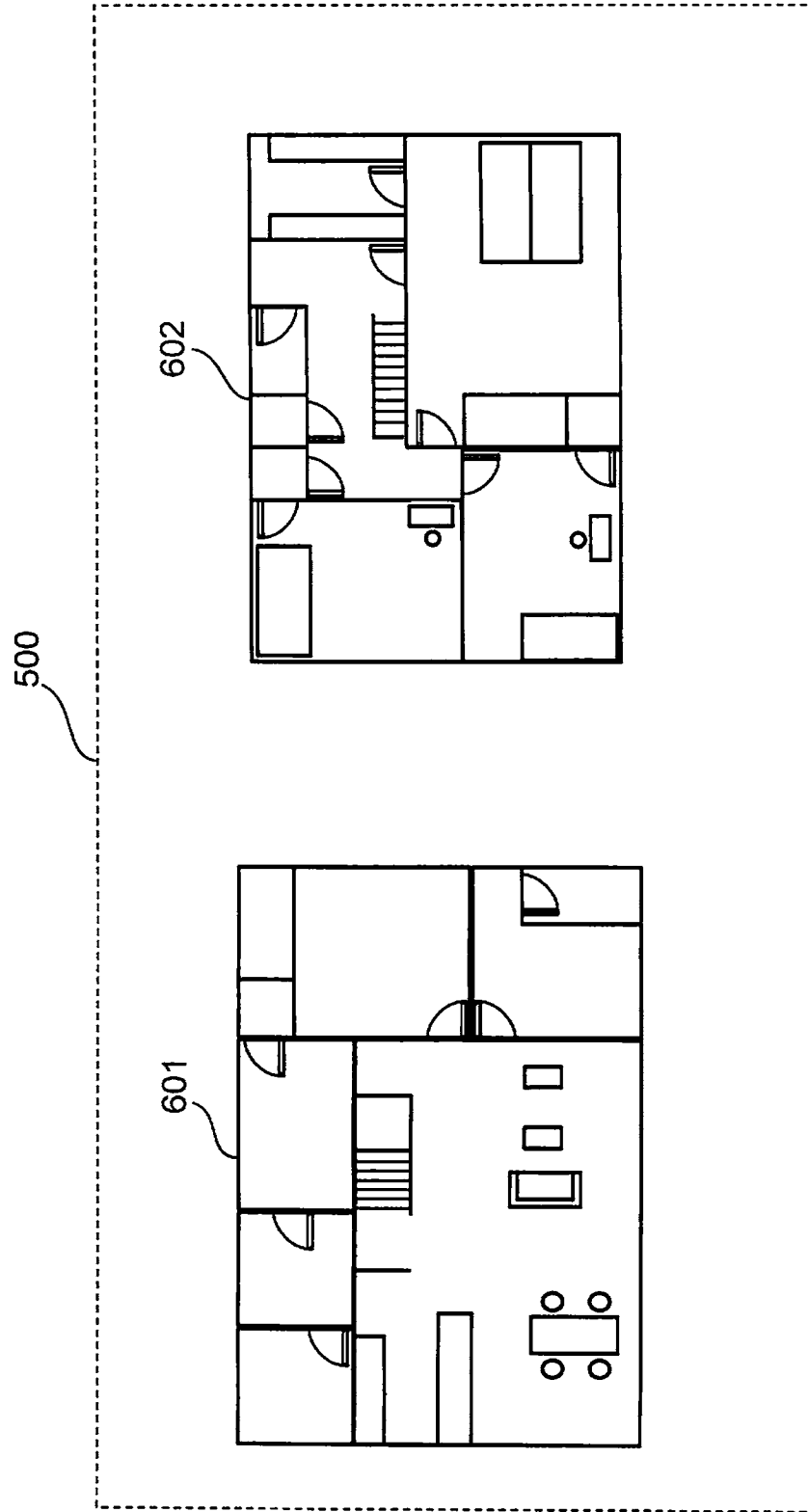


FIG. 7

500

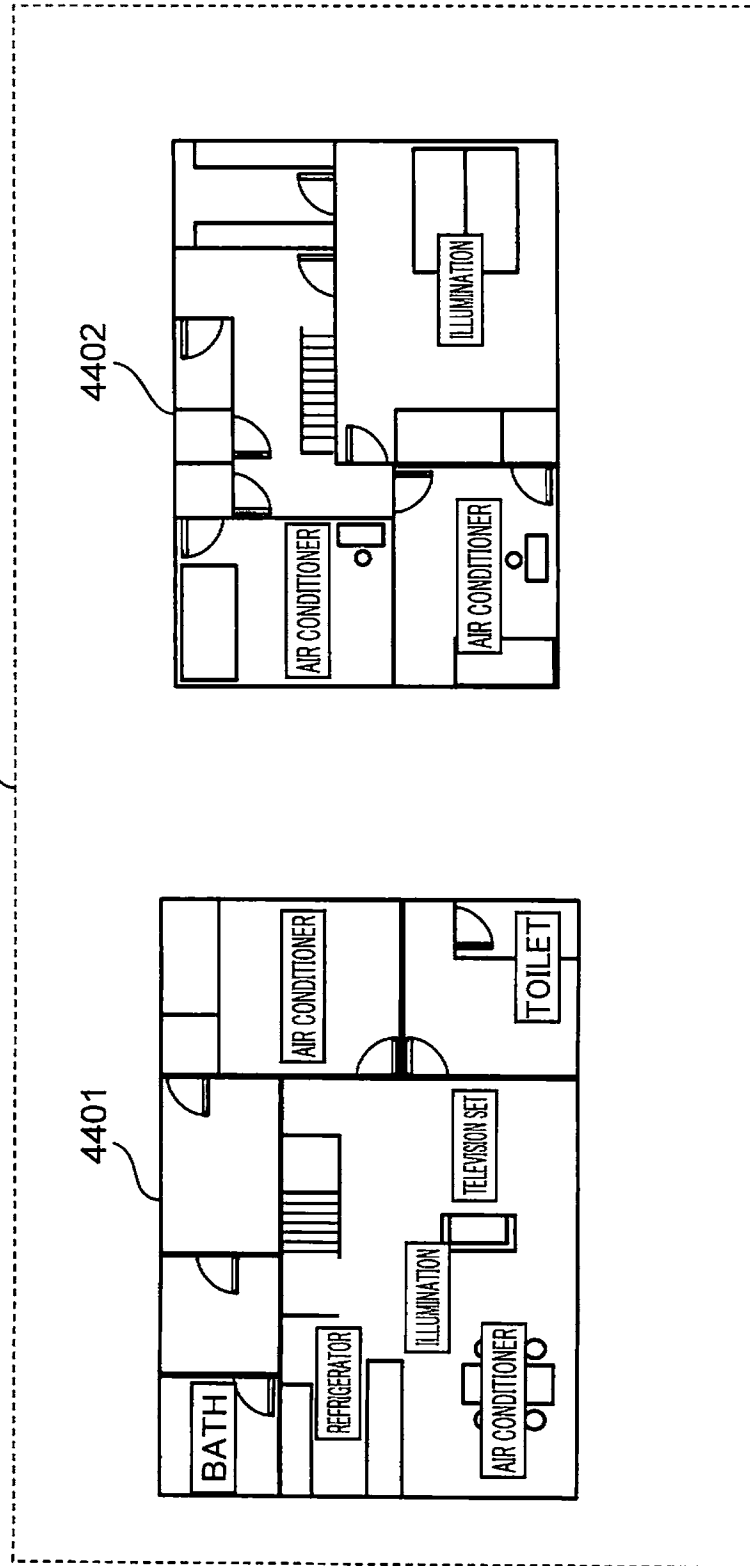


FIG. 8

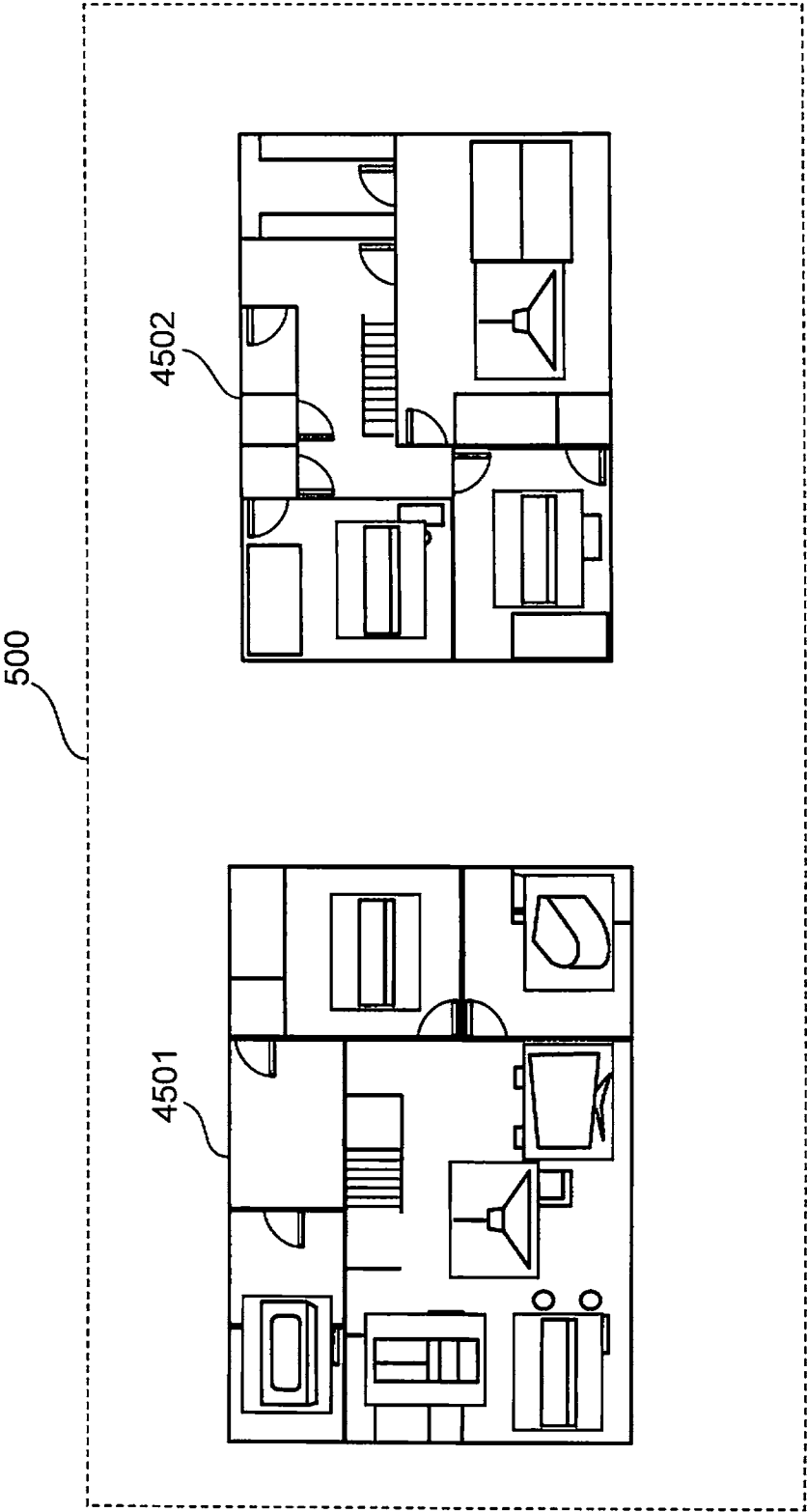


FIG. 9

500

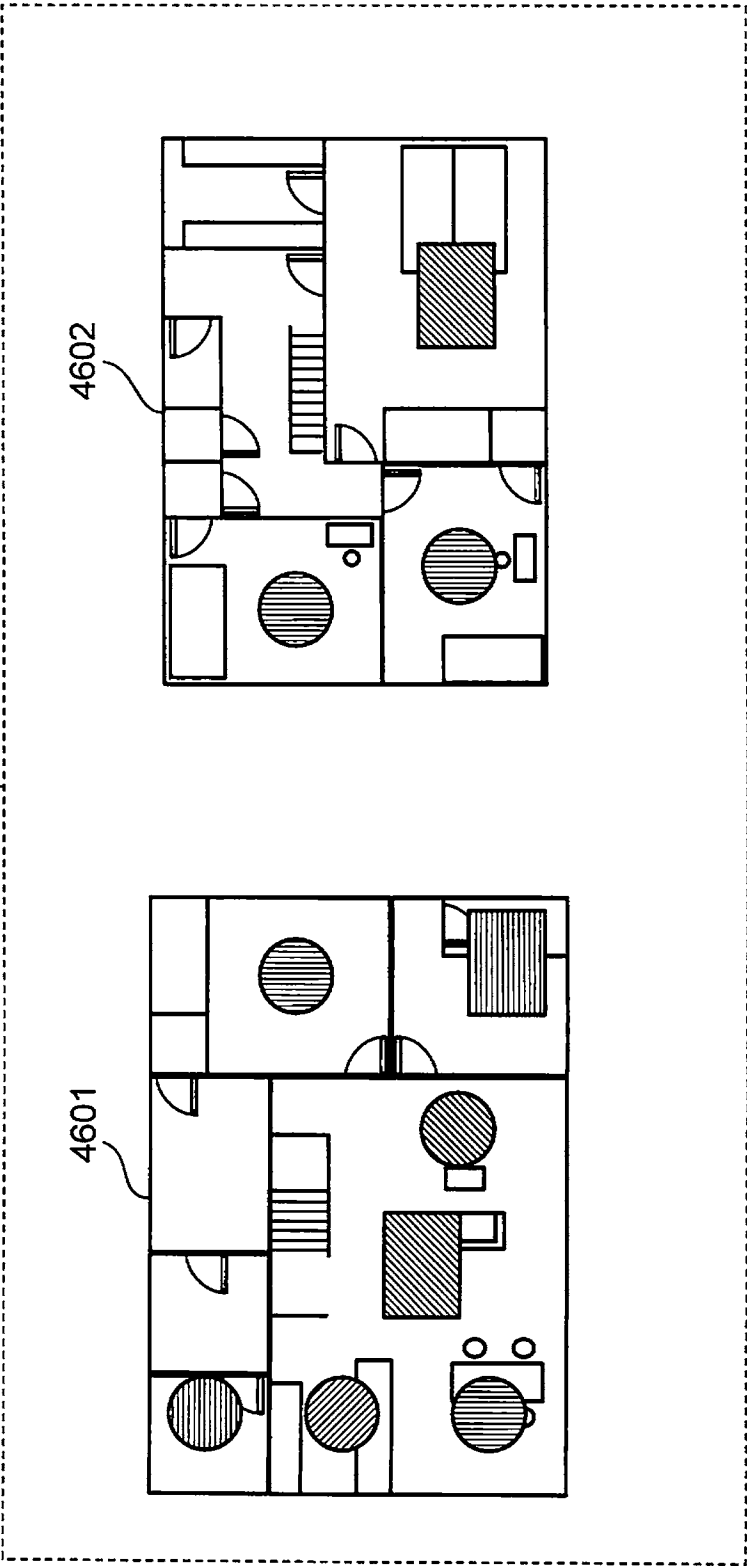


FIG. 10

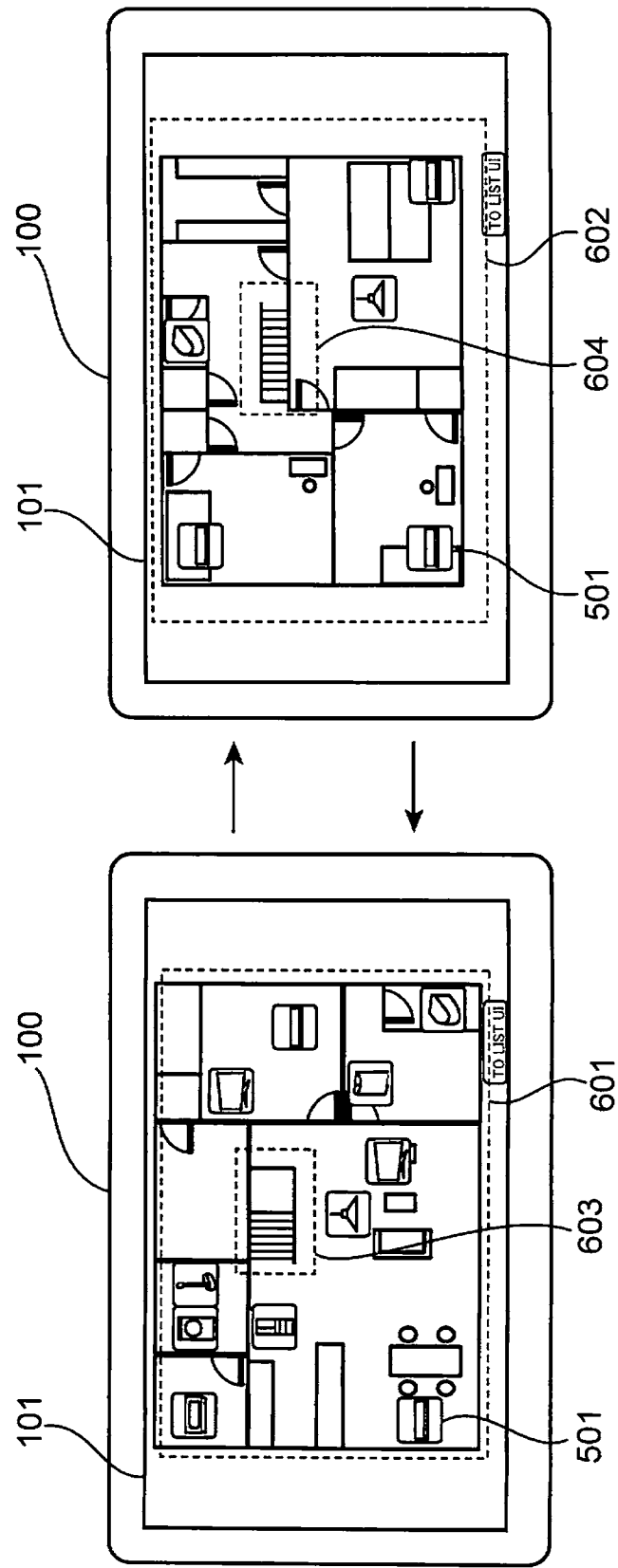


FIG. 11

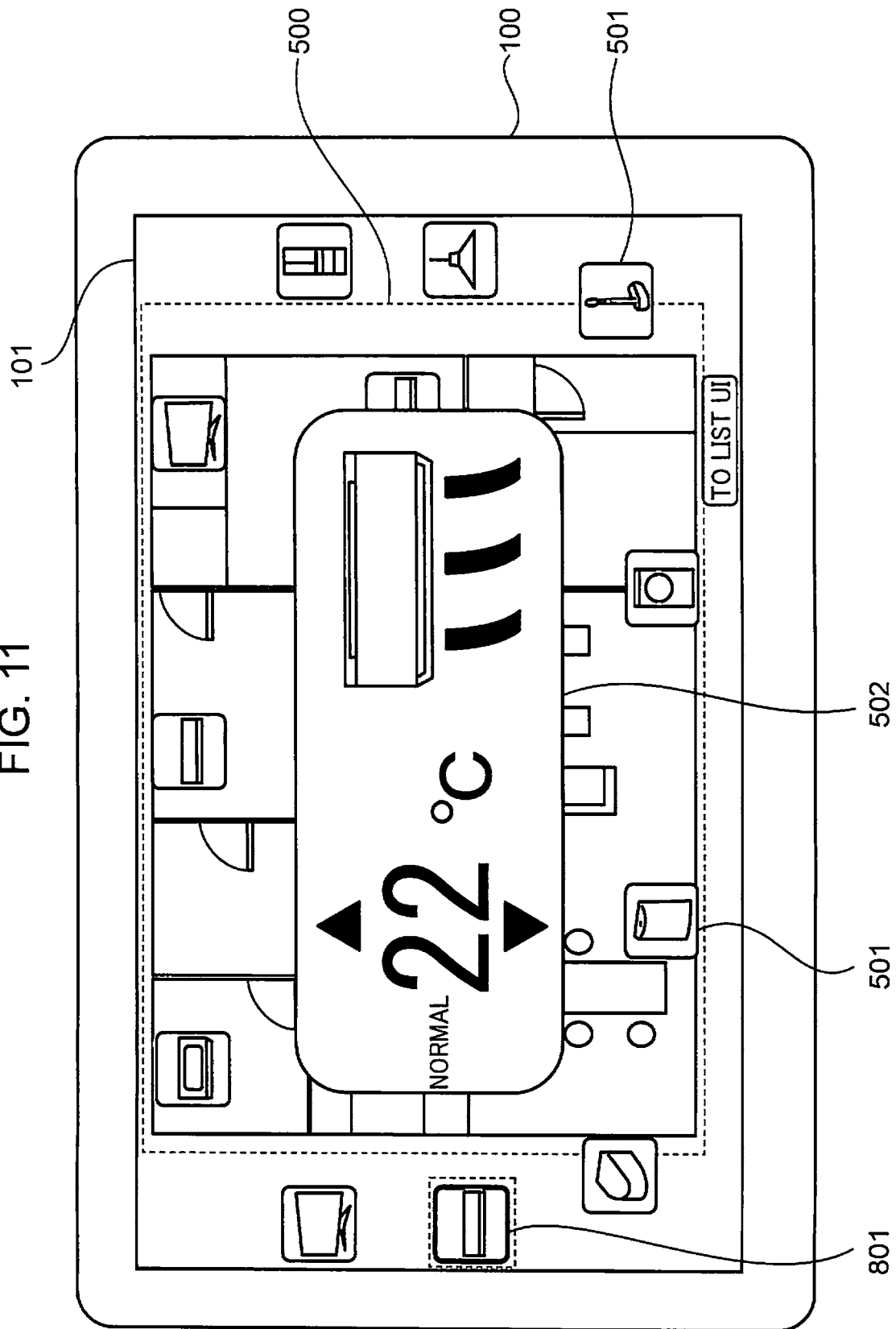


FIG. 12

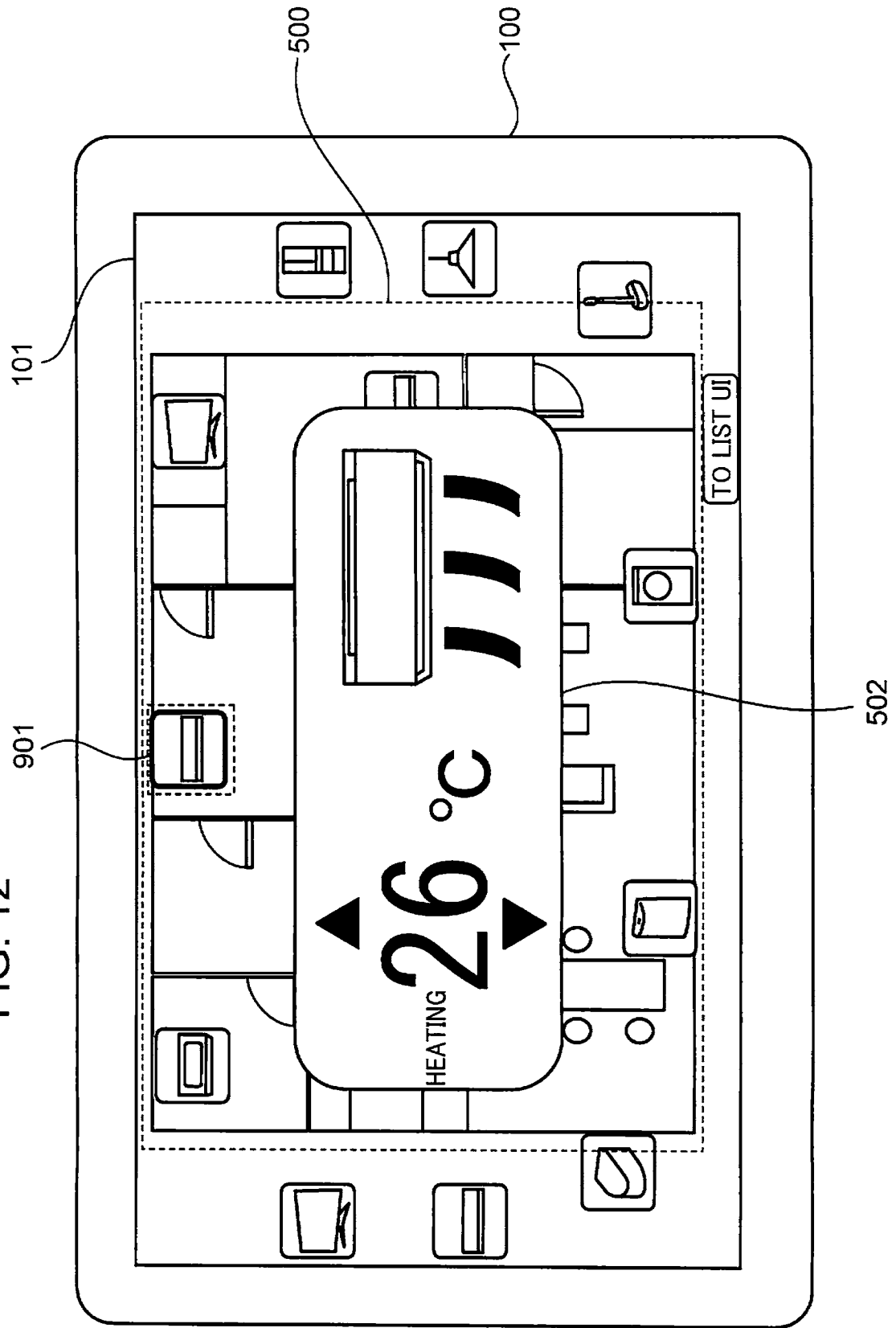


FIG. 13

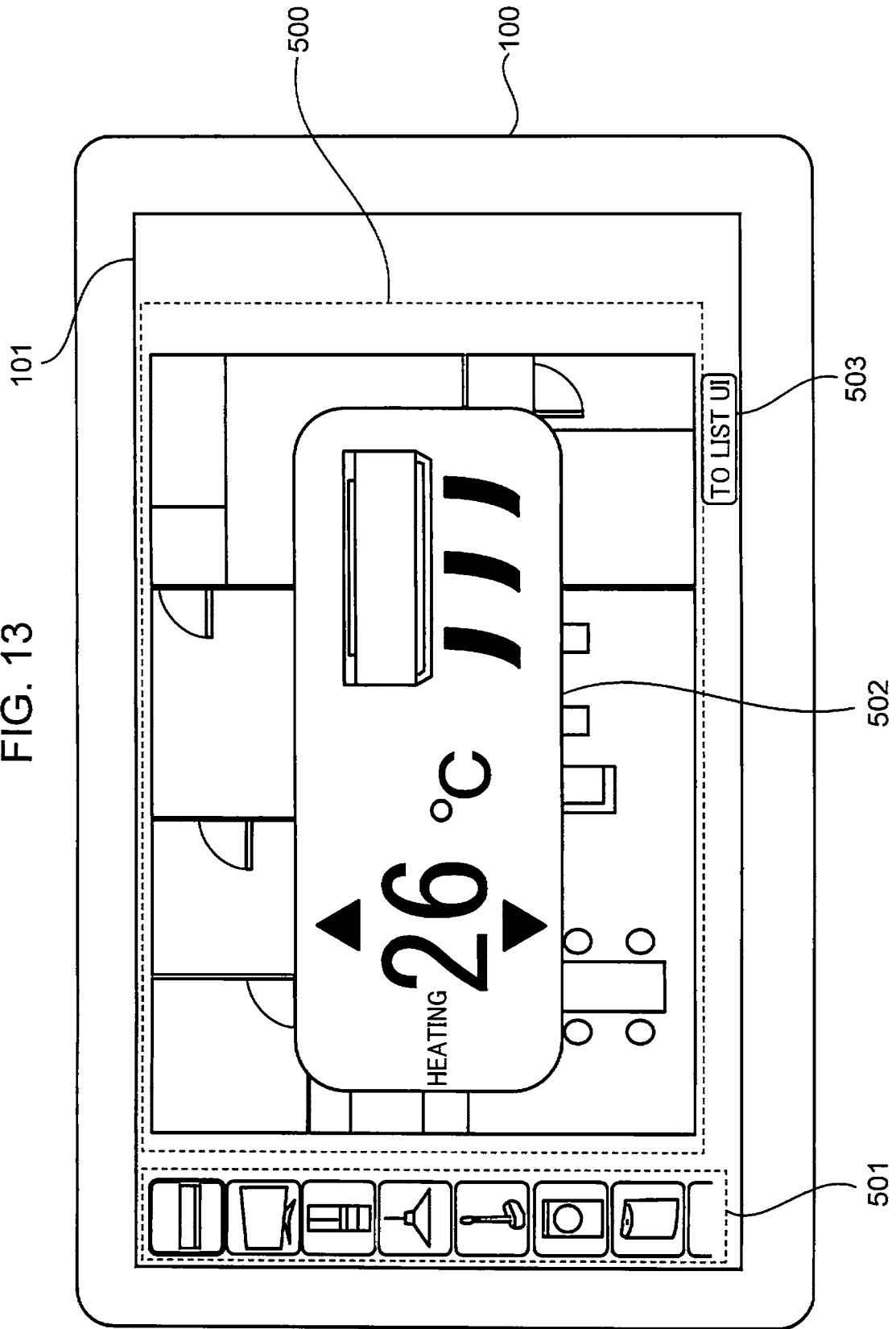


FIG. 14

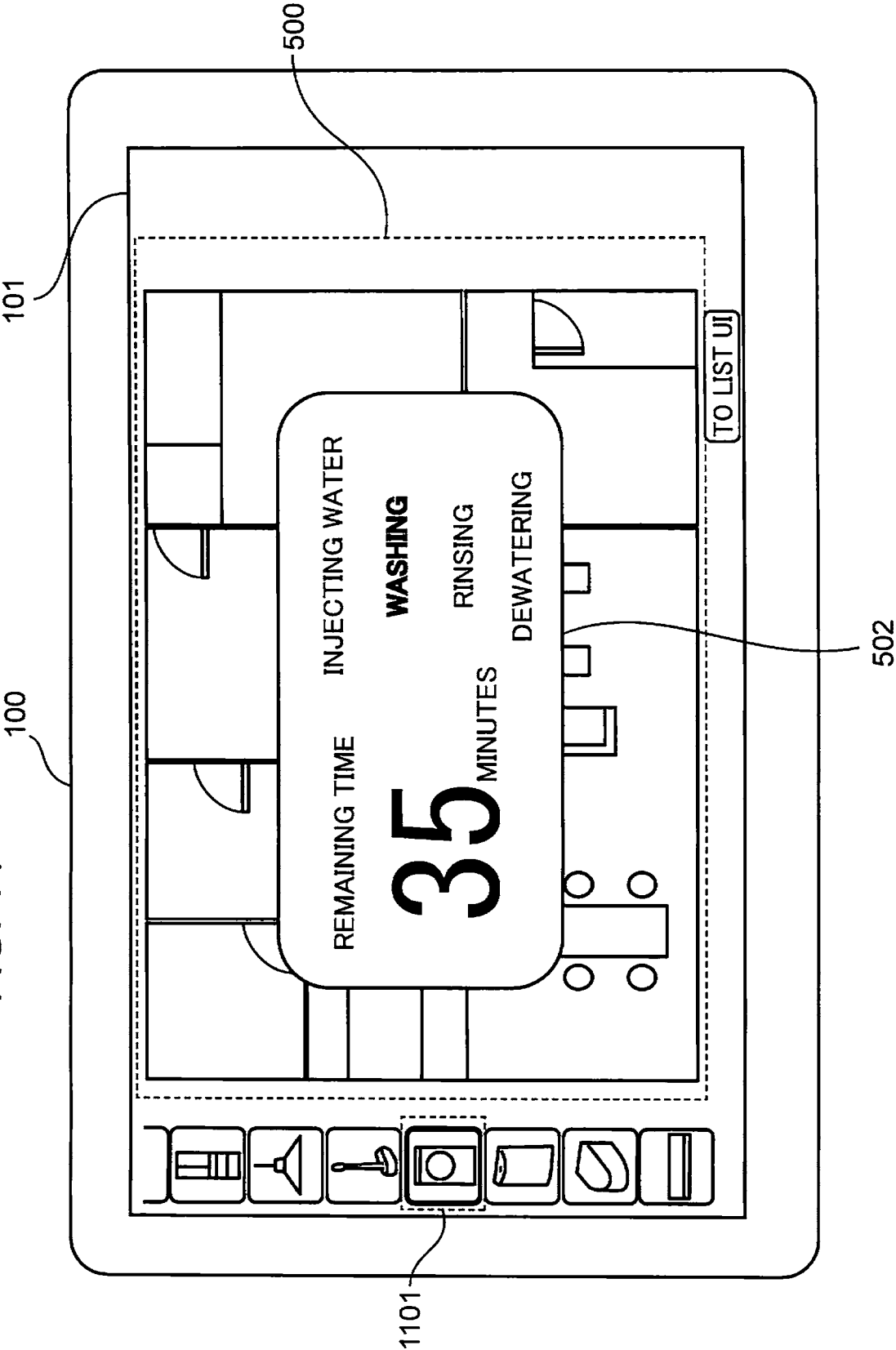


FIG. 15

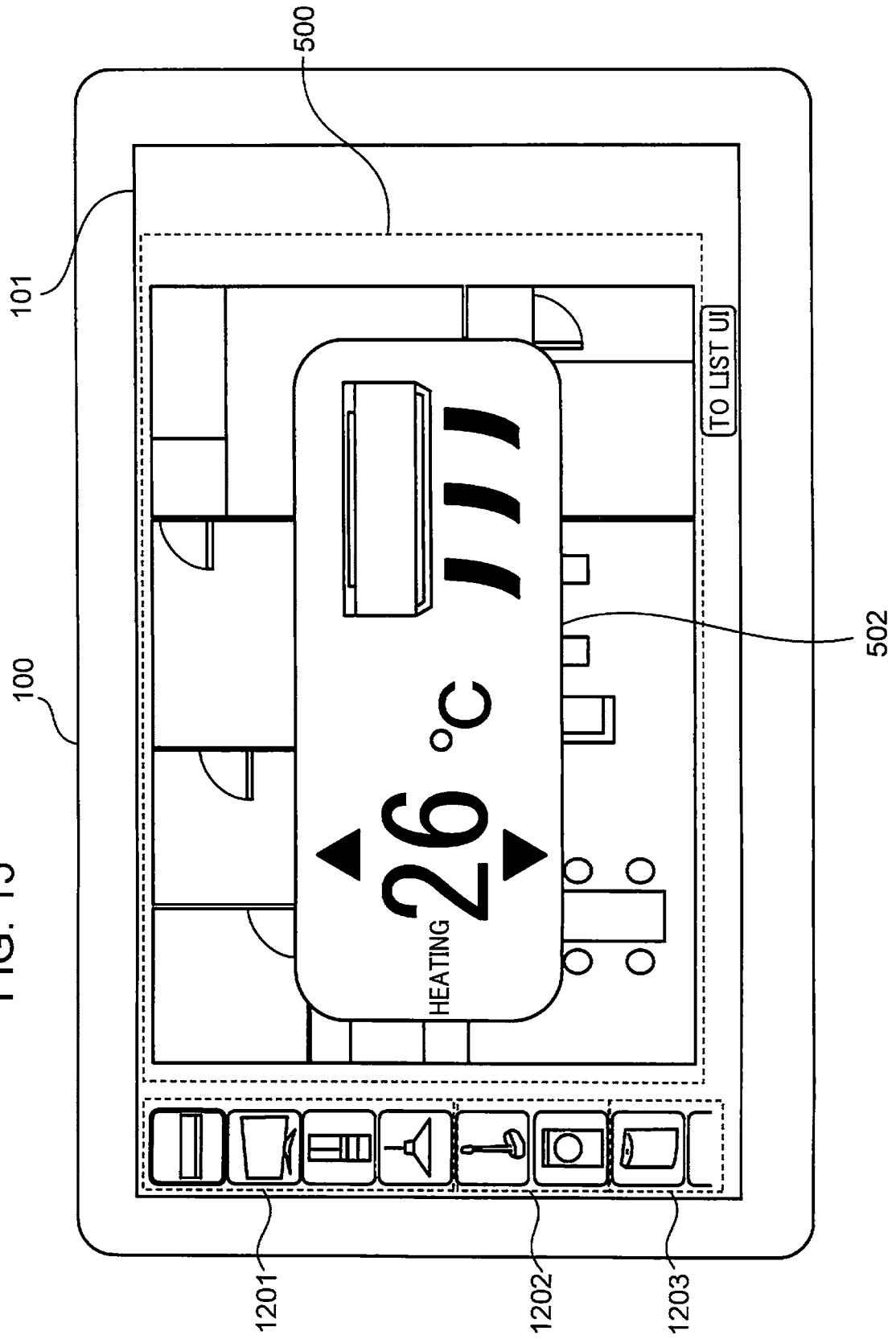


FIG. 16

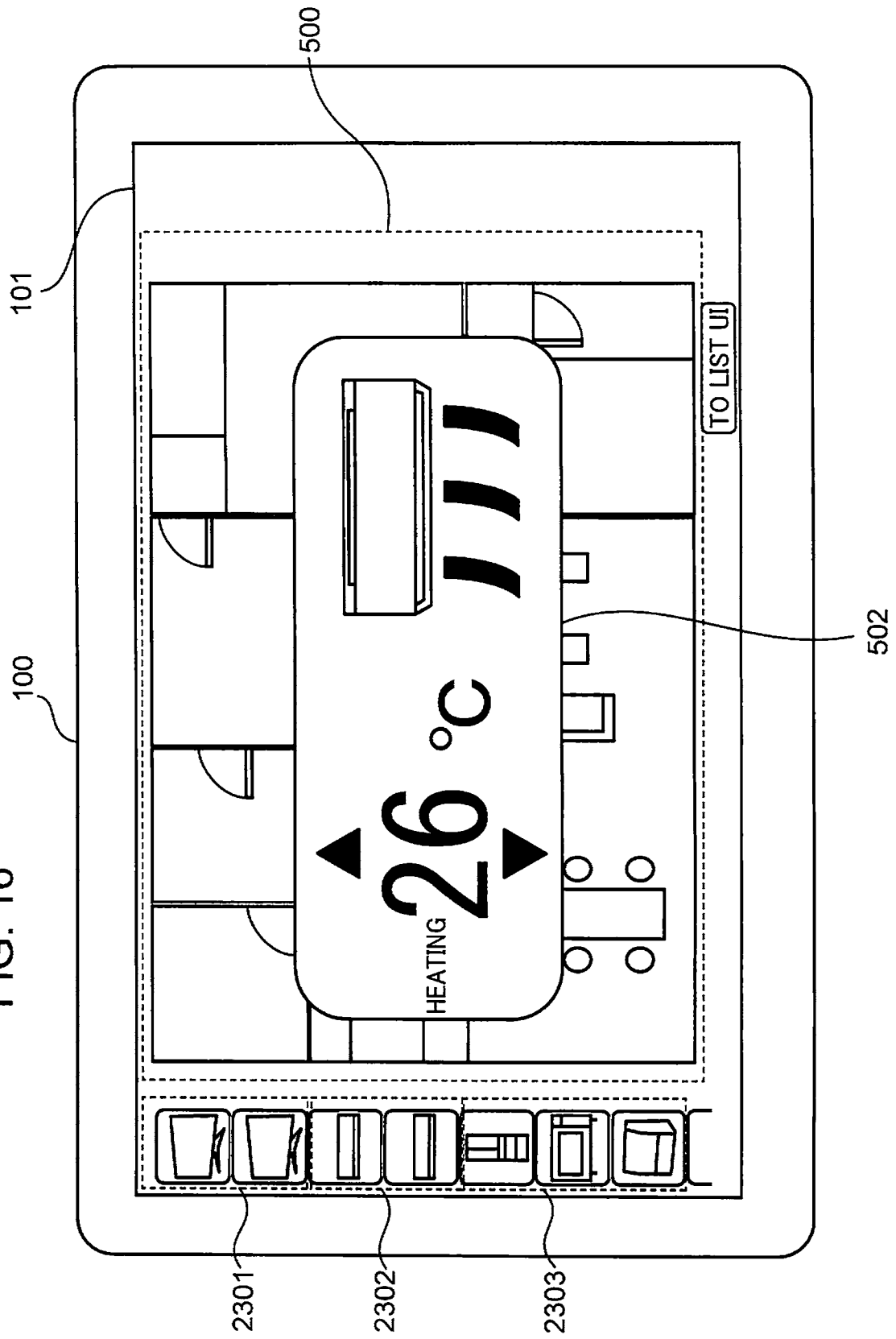


FIG. 17A

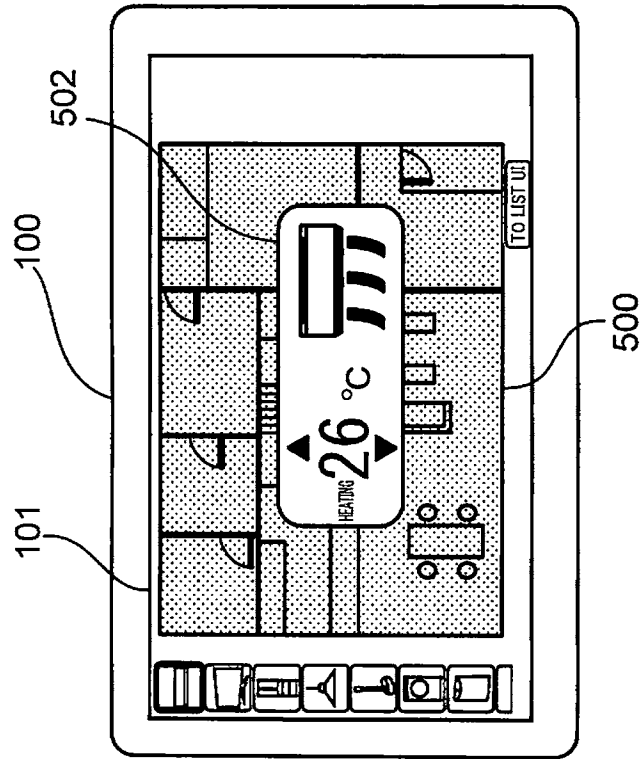


FIG. 17B

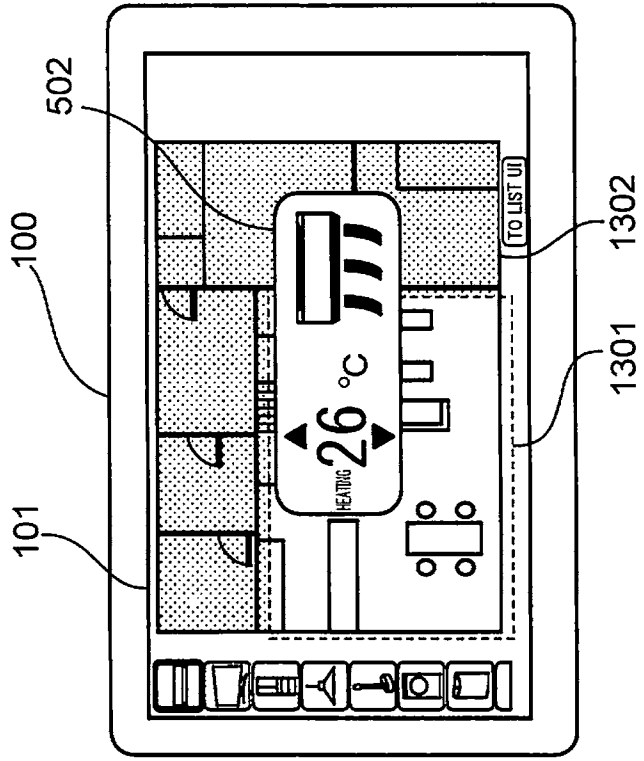


FIG. 18

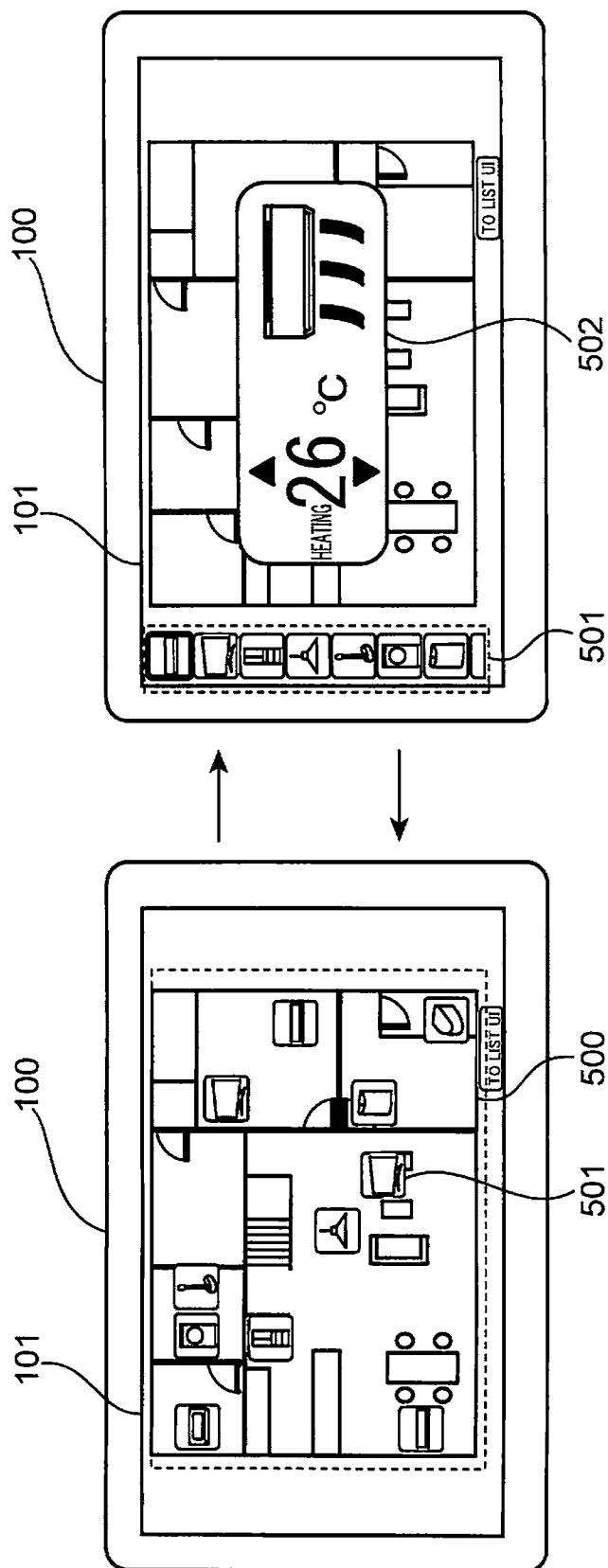


FIG. 19

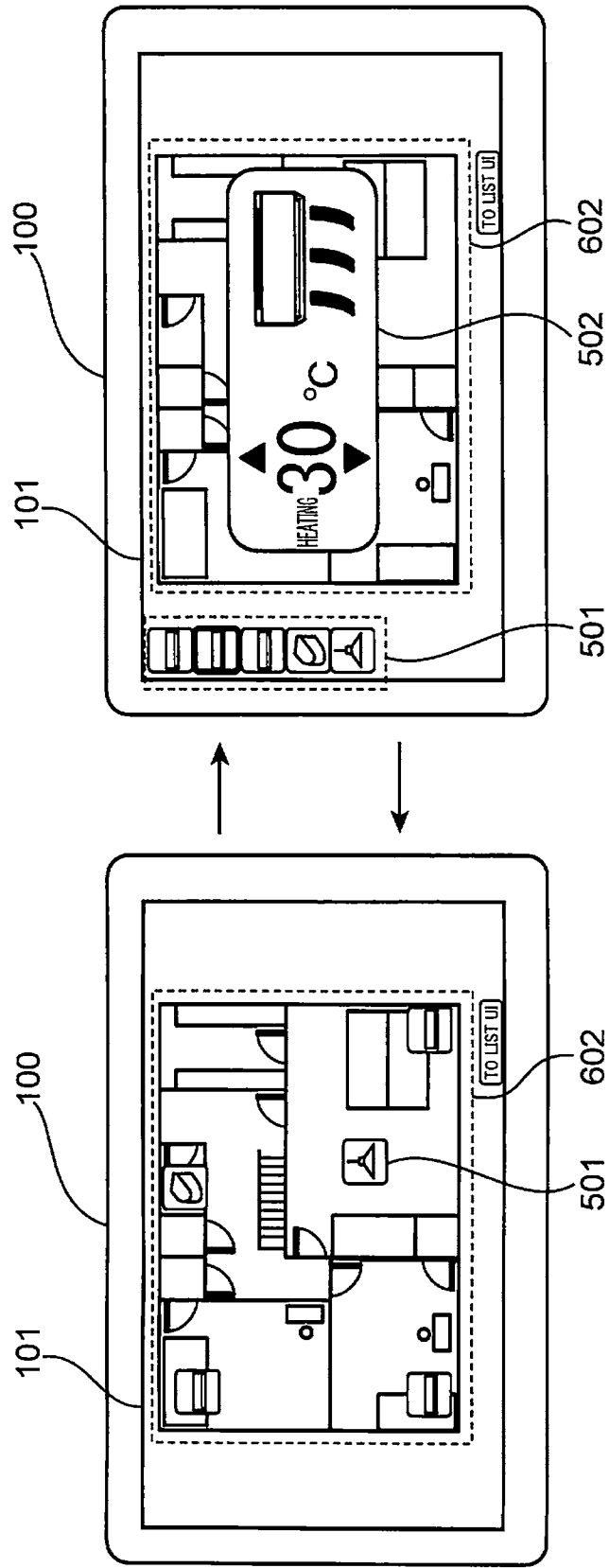


FIG. 20

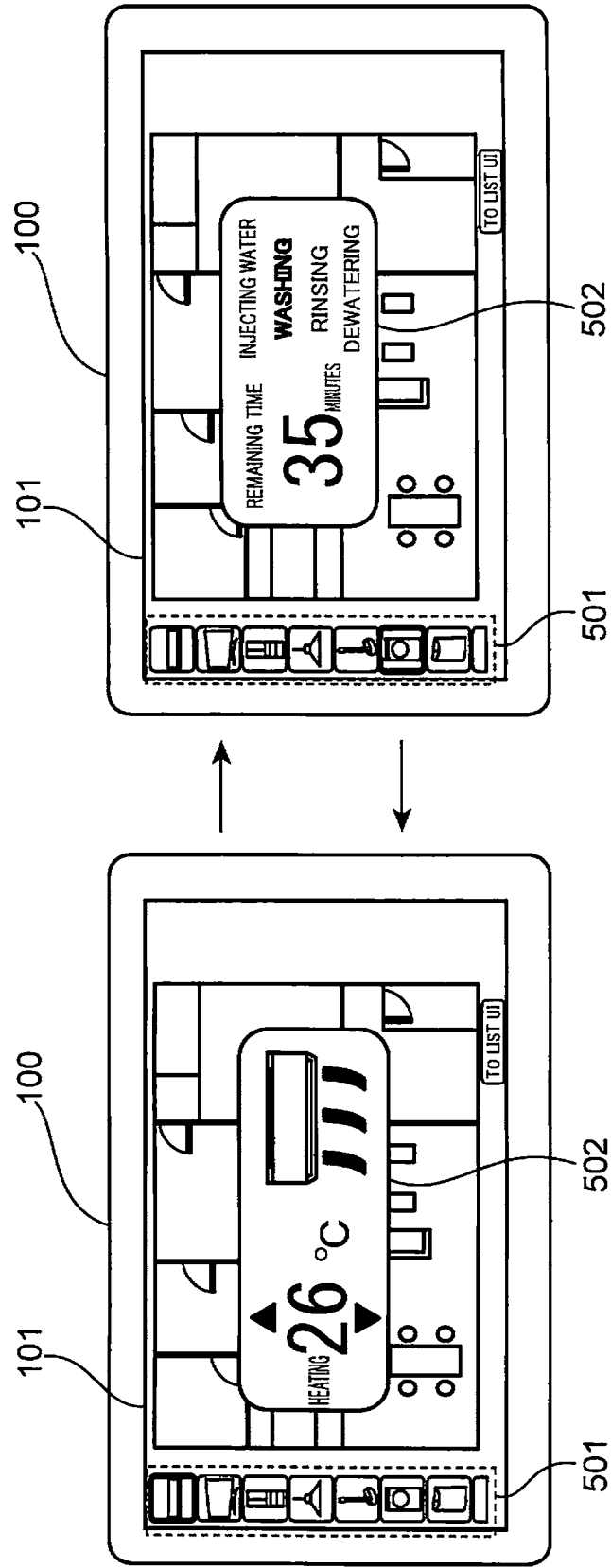


FIG. 21

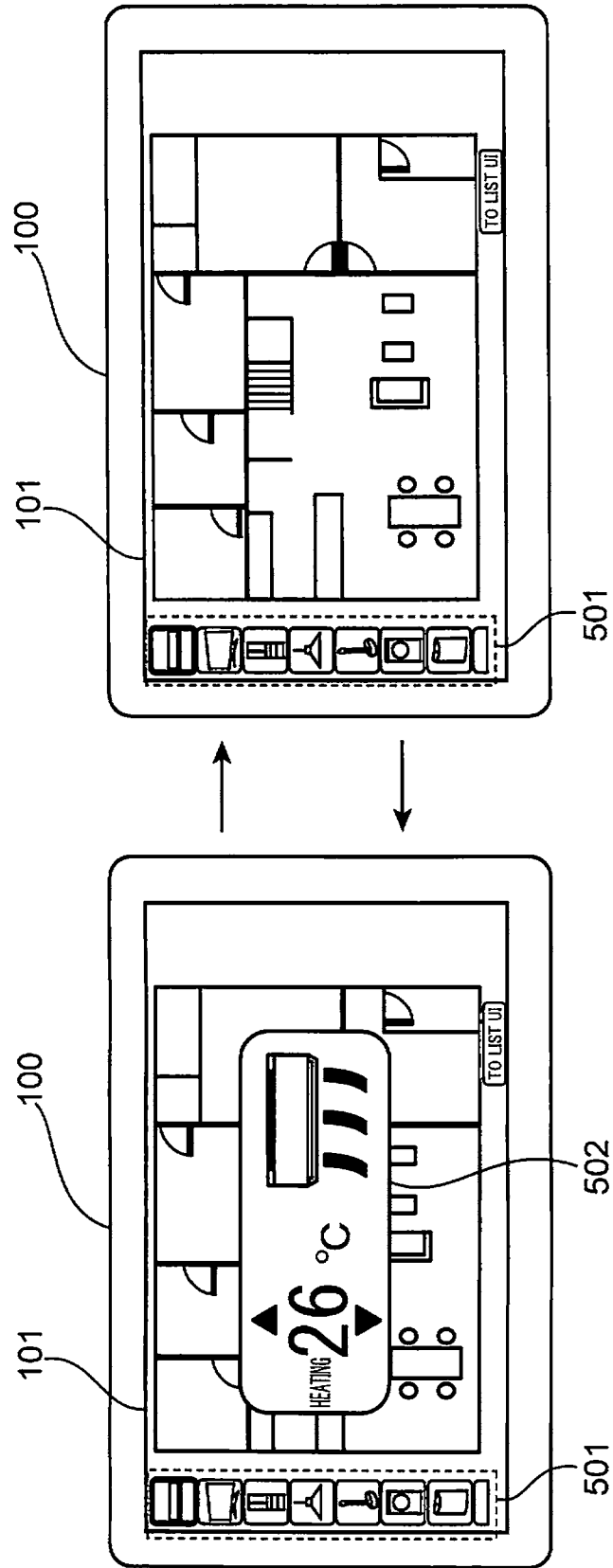


FIG. 22

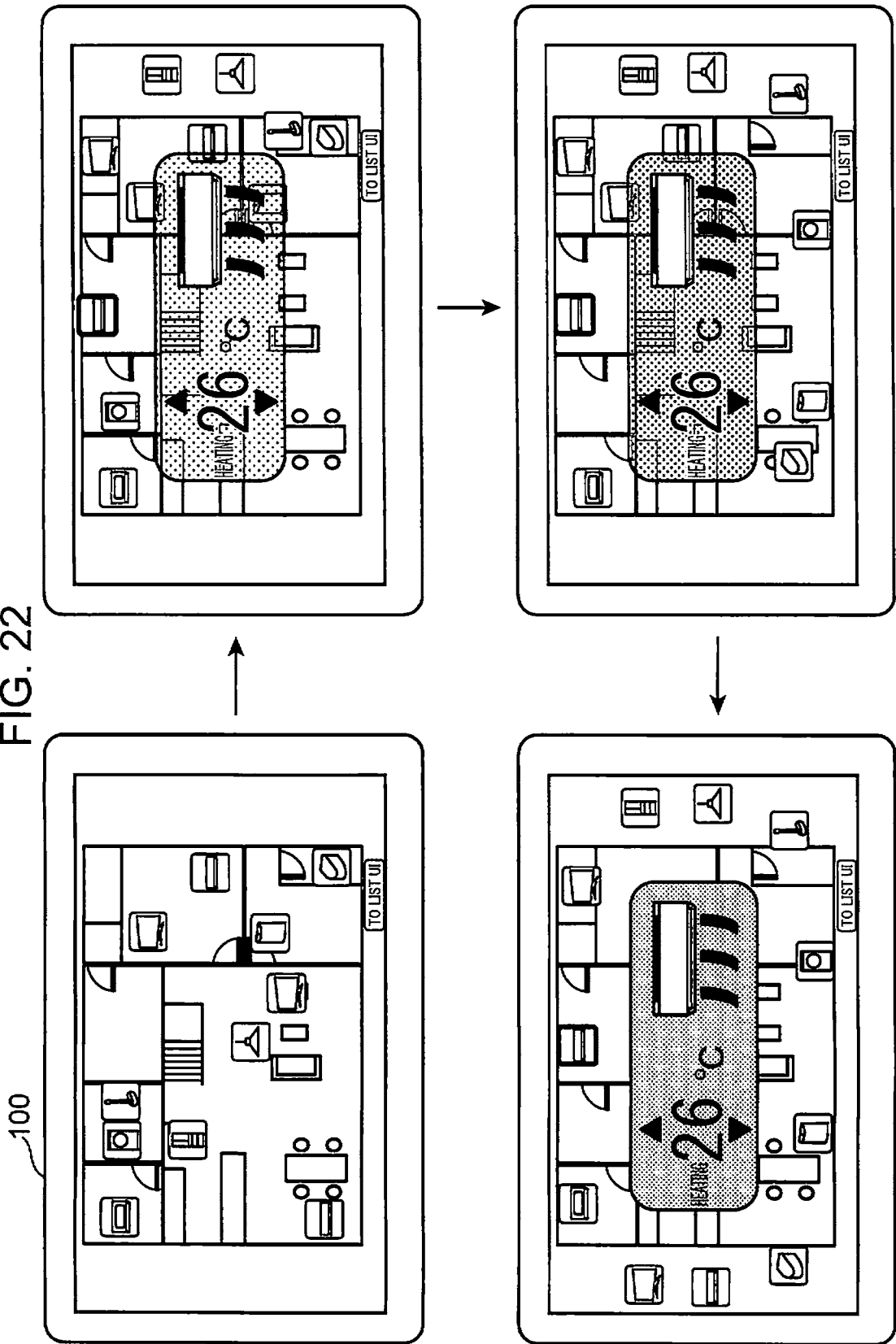
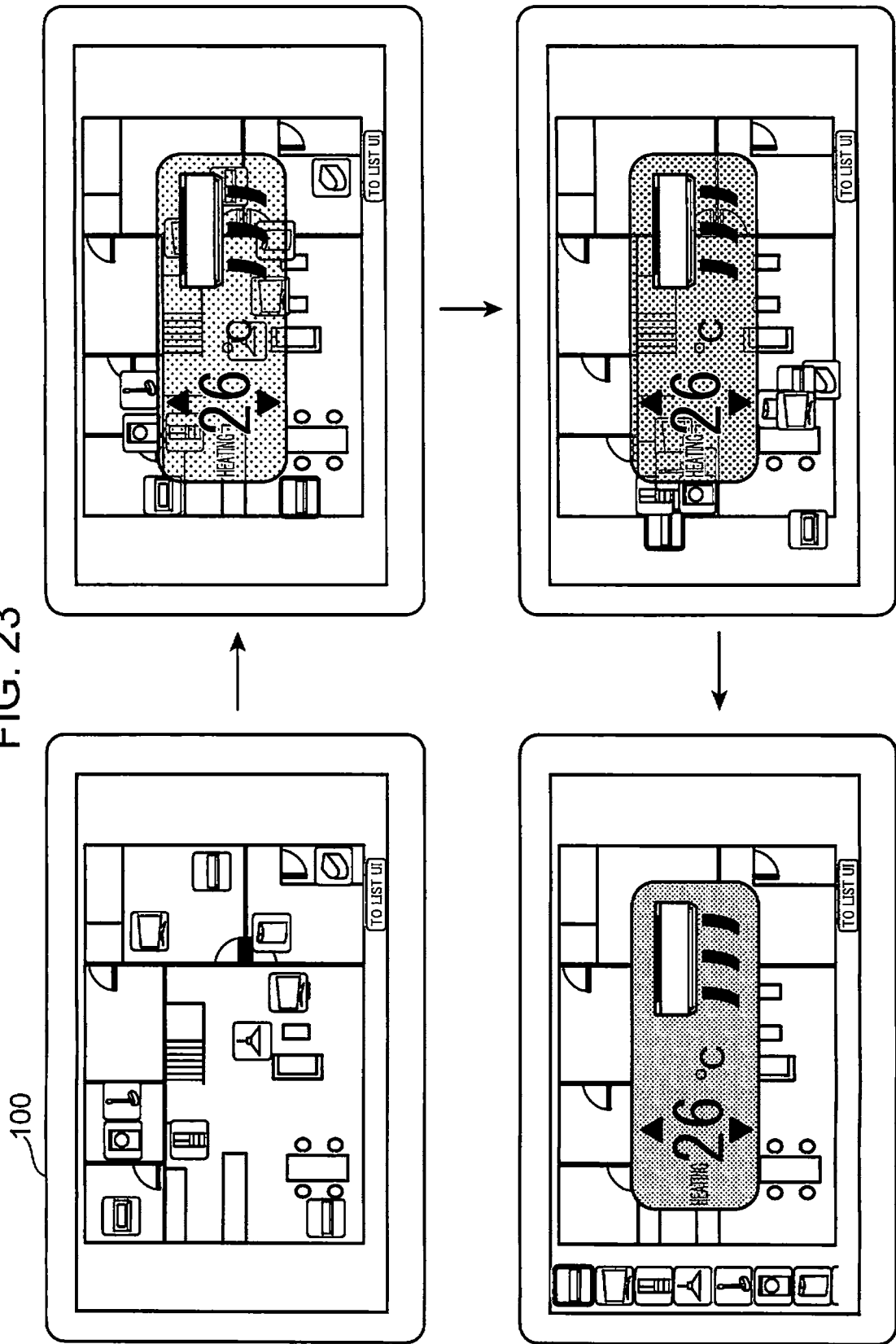


FIG. 23



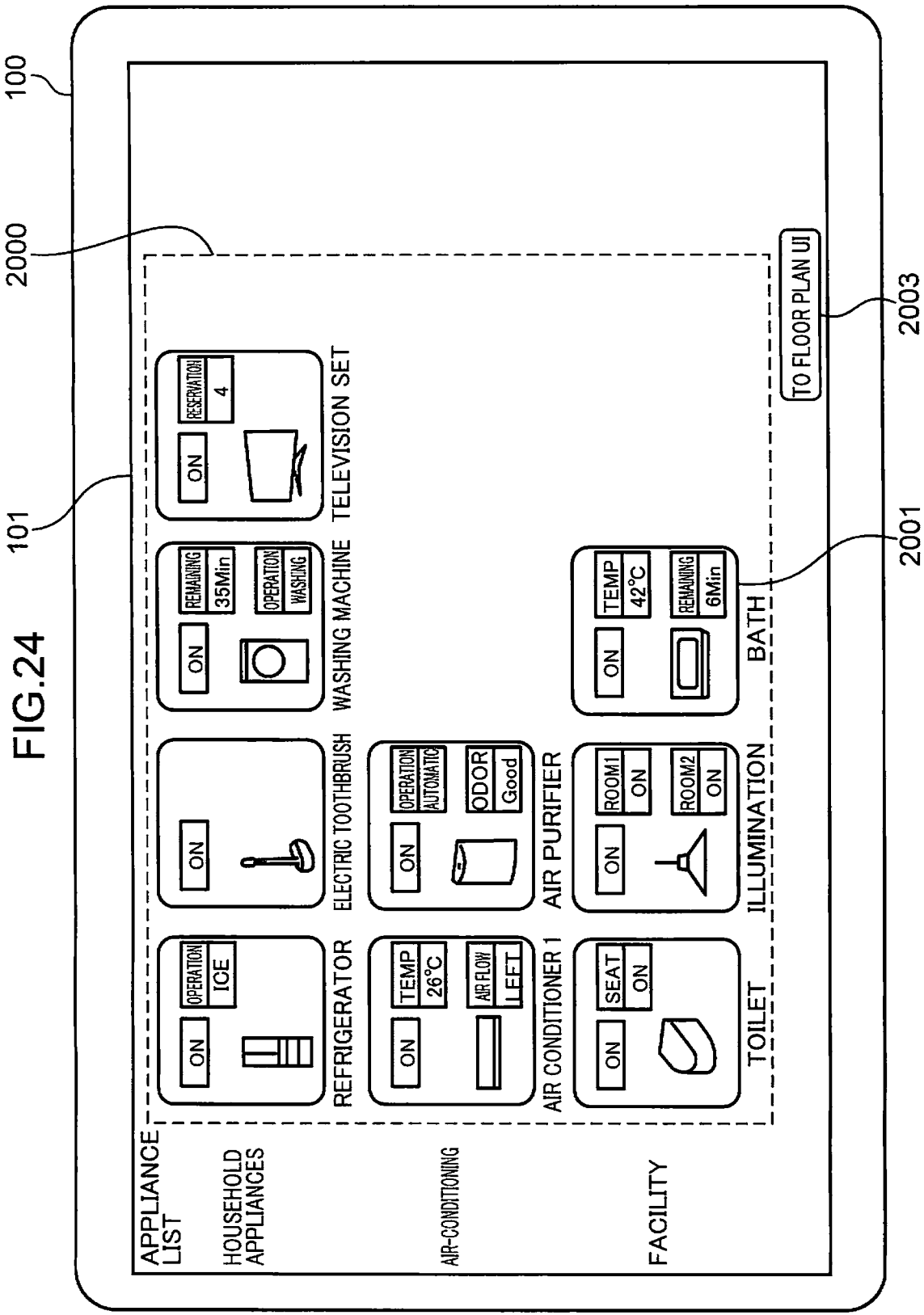


FIG. 25

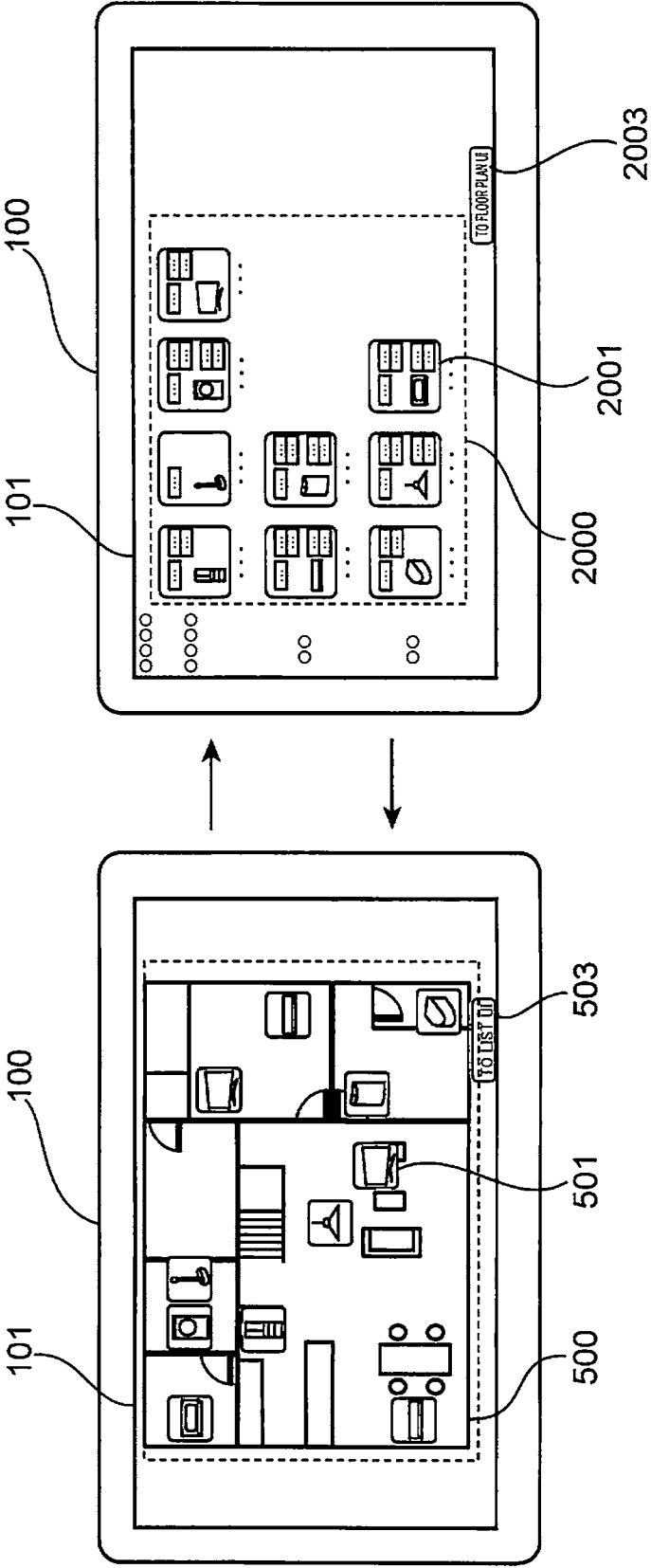


FIG. 26

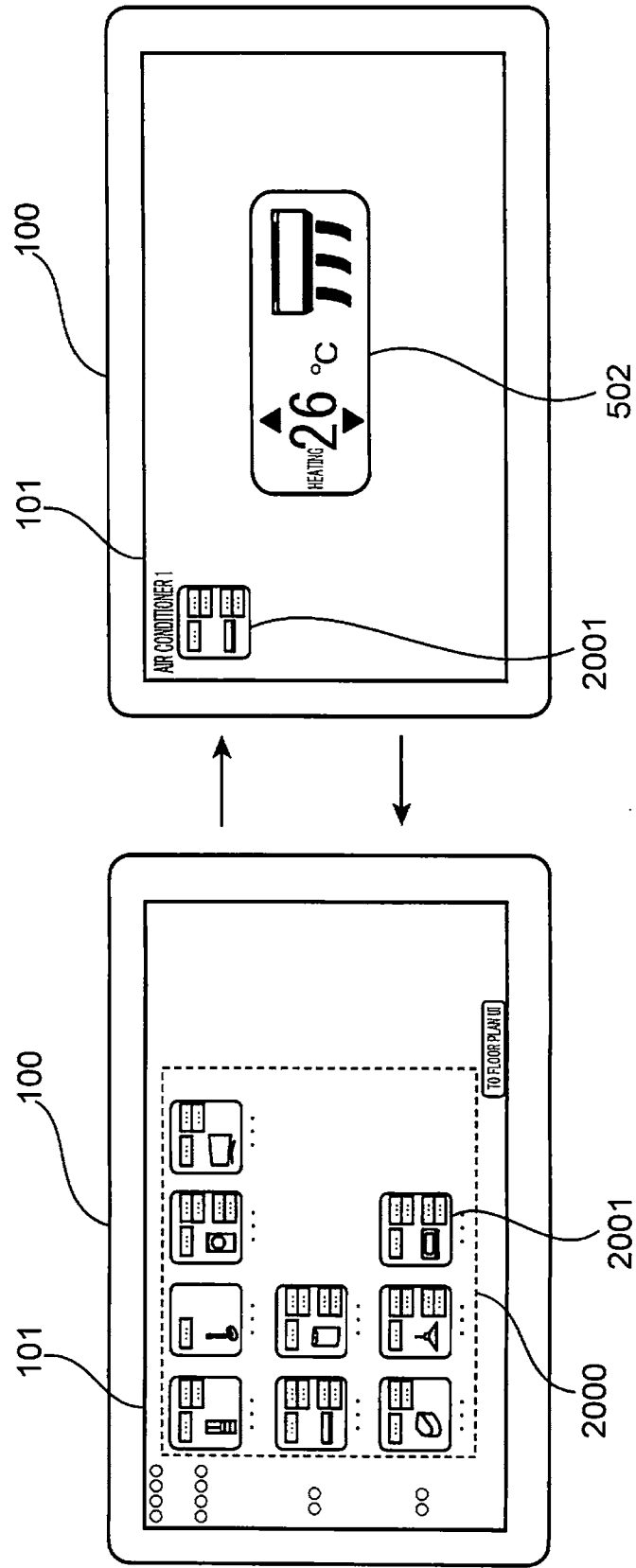


FIG. 27

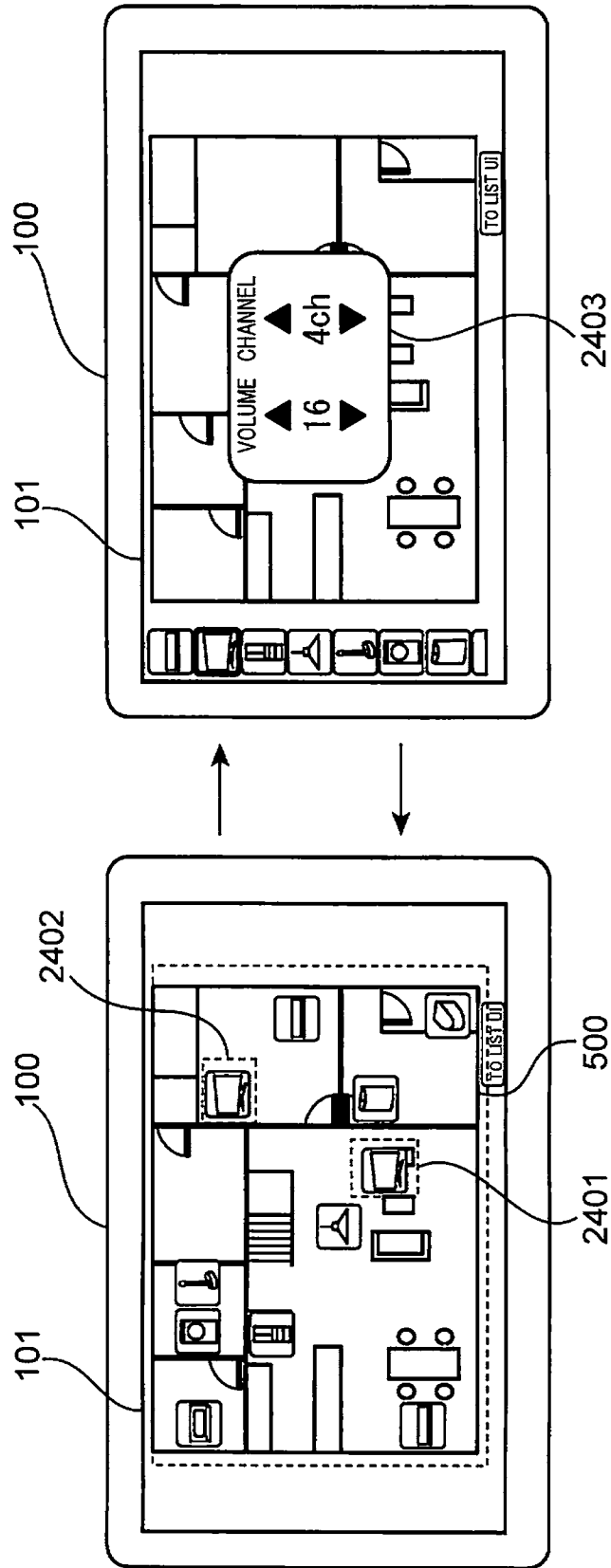


FIG.28

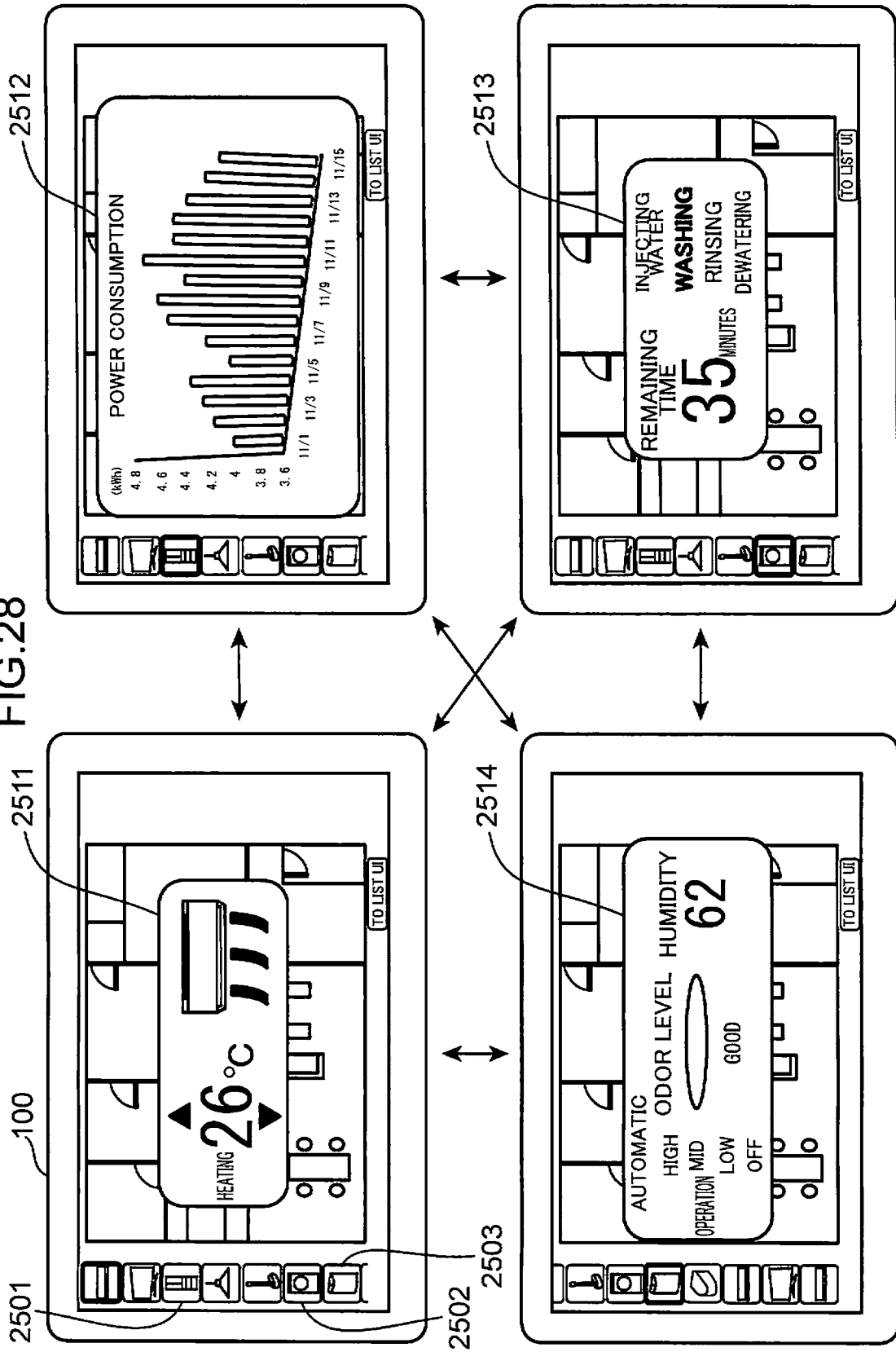


FIG. 29

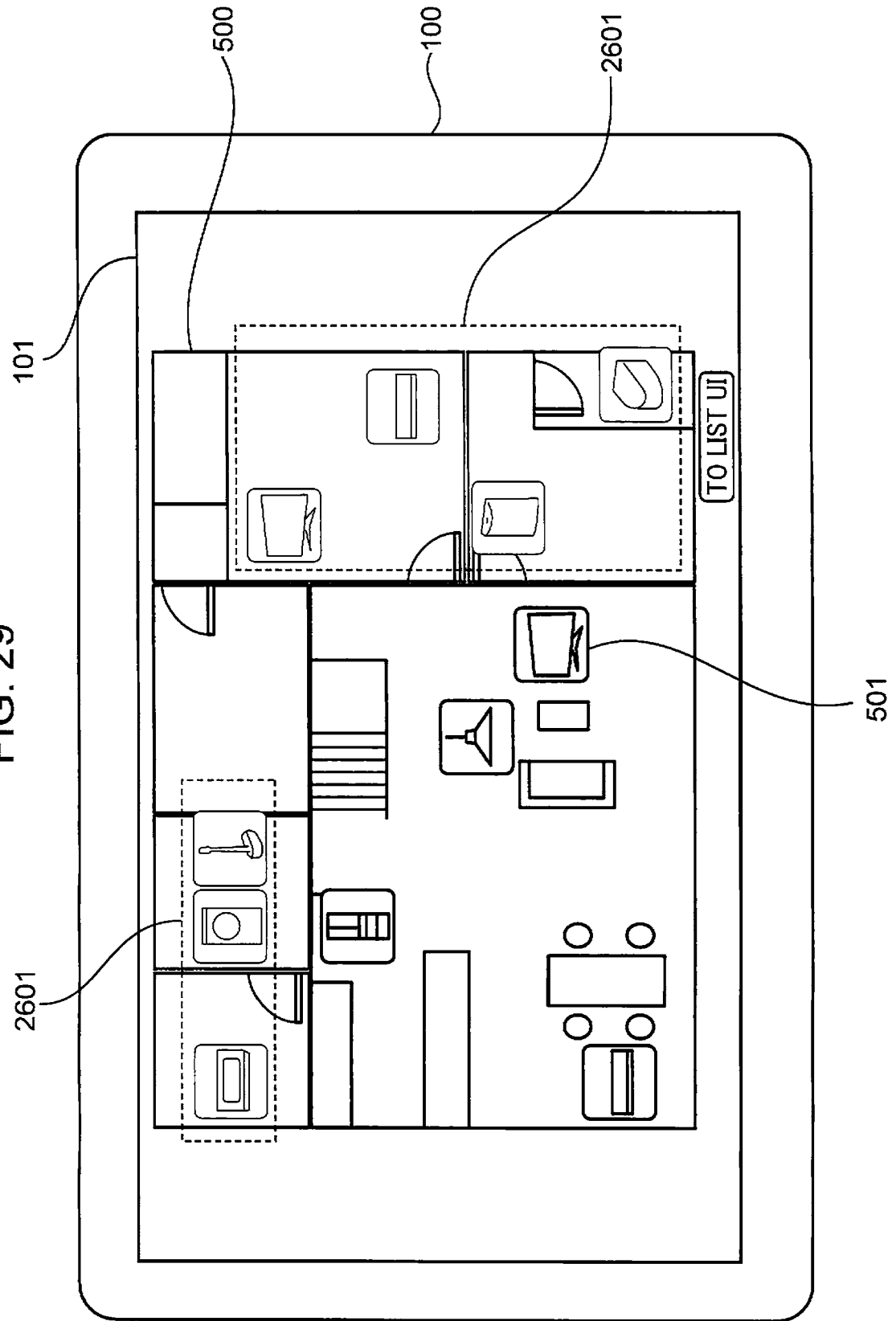


FIG. 30

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

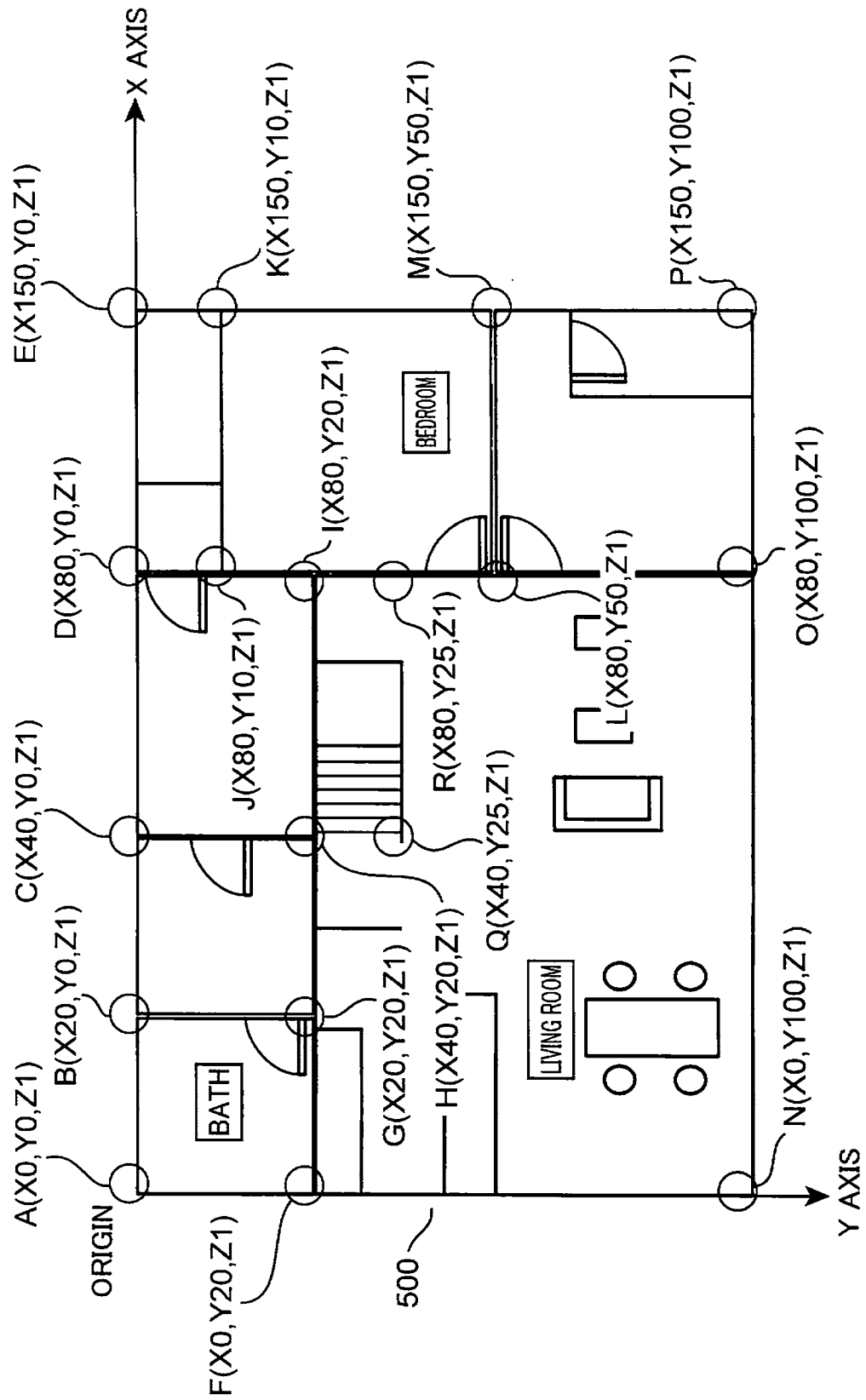


FIG.34

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

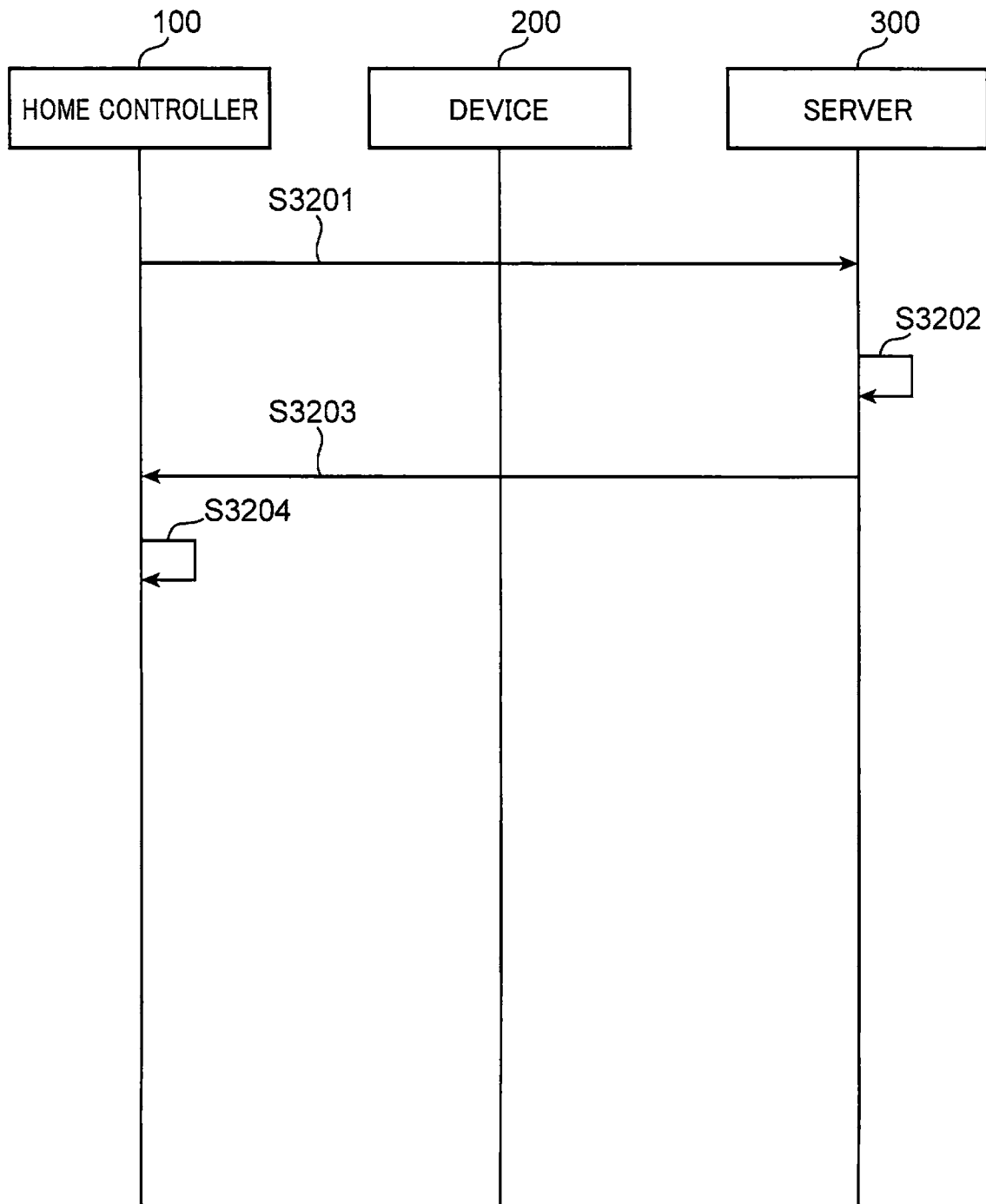


FIG. 37

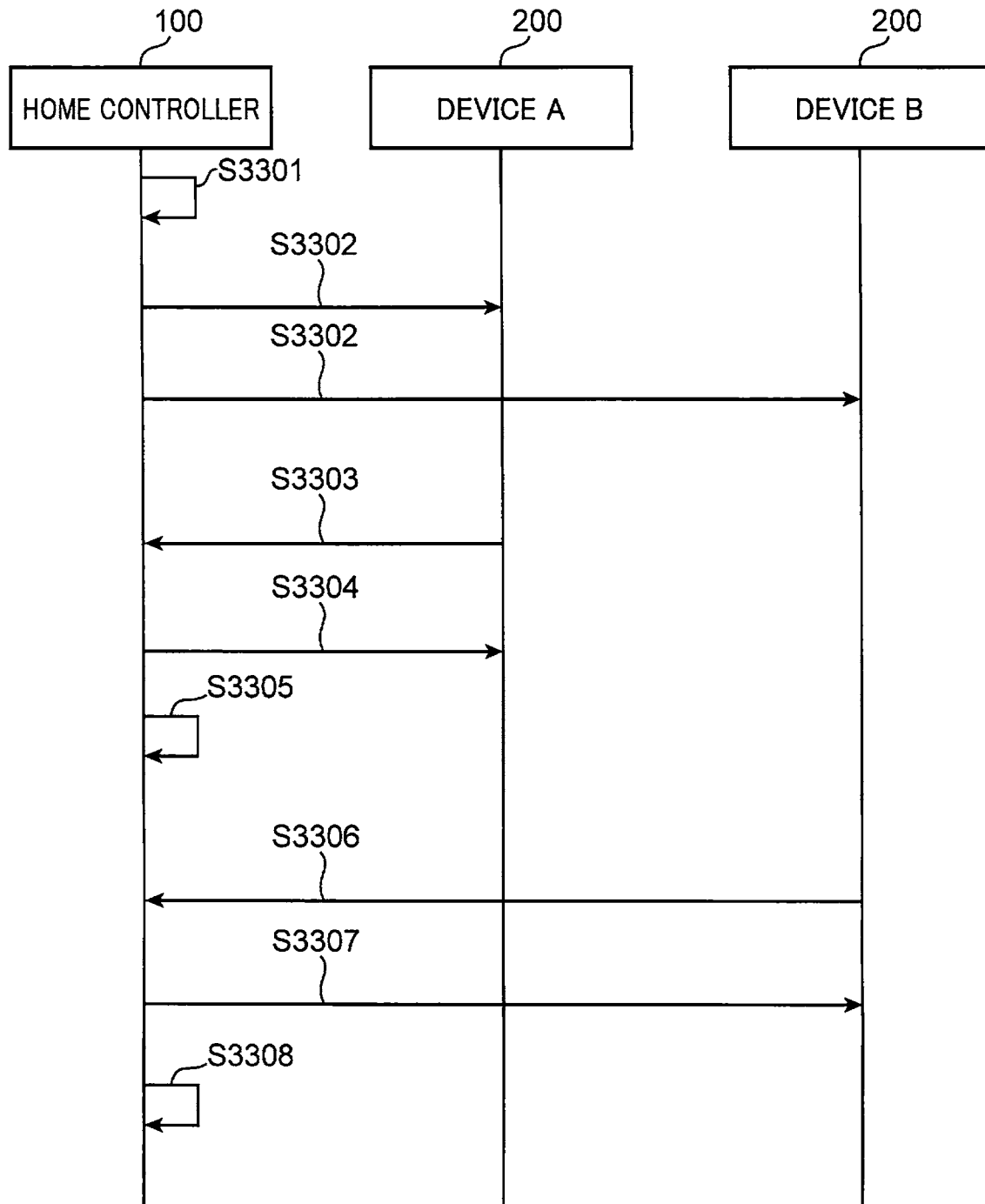


FIG. 38

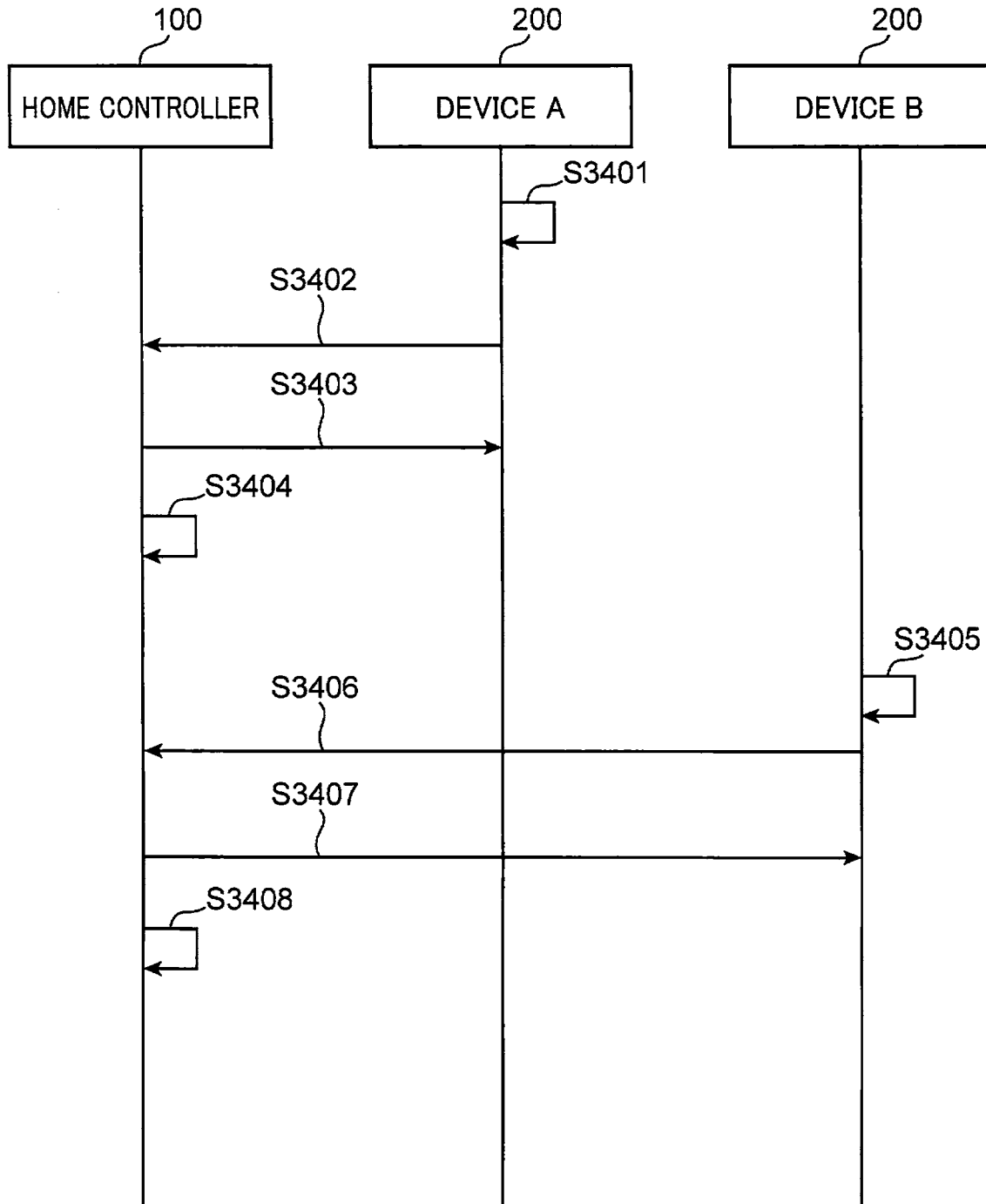


FIG.39A

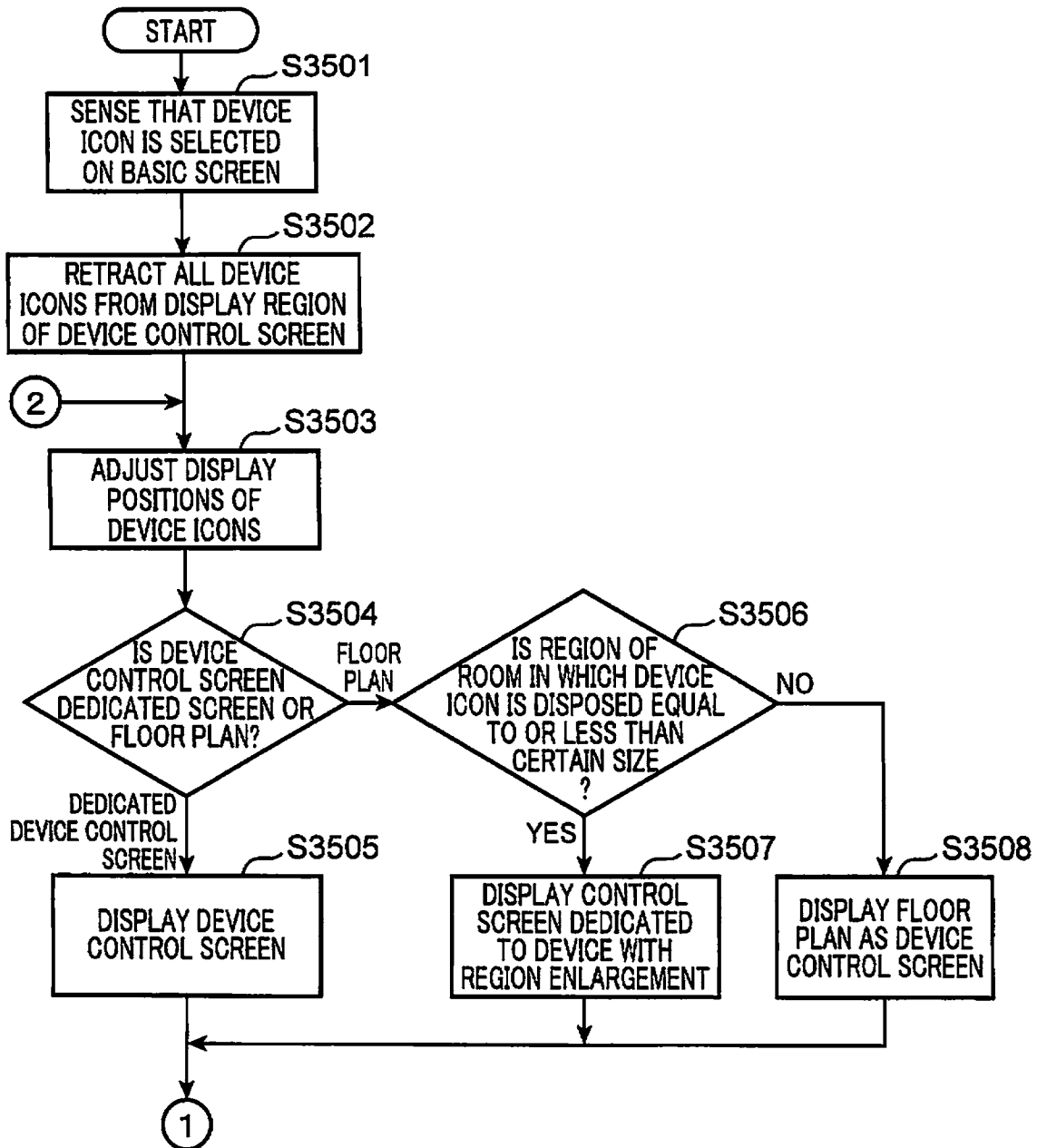


FIG.39B

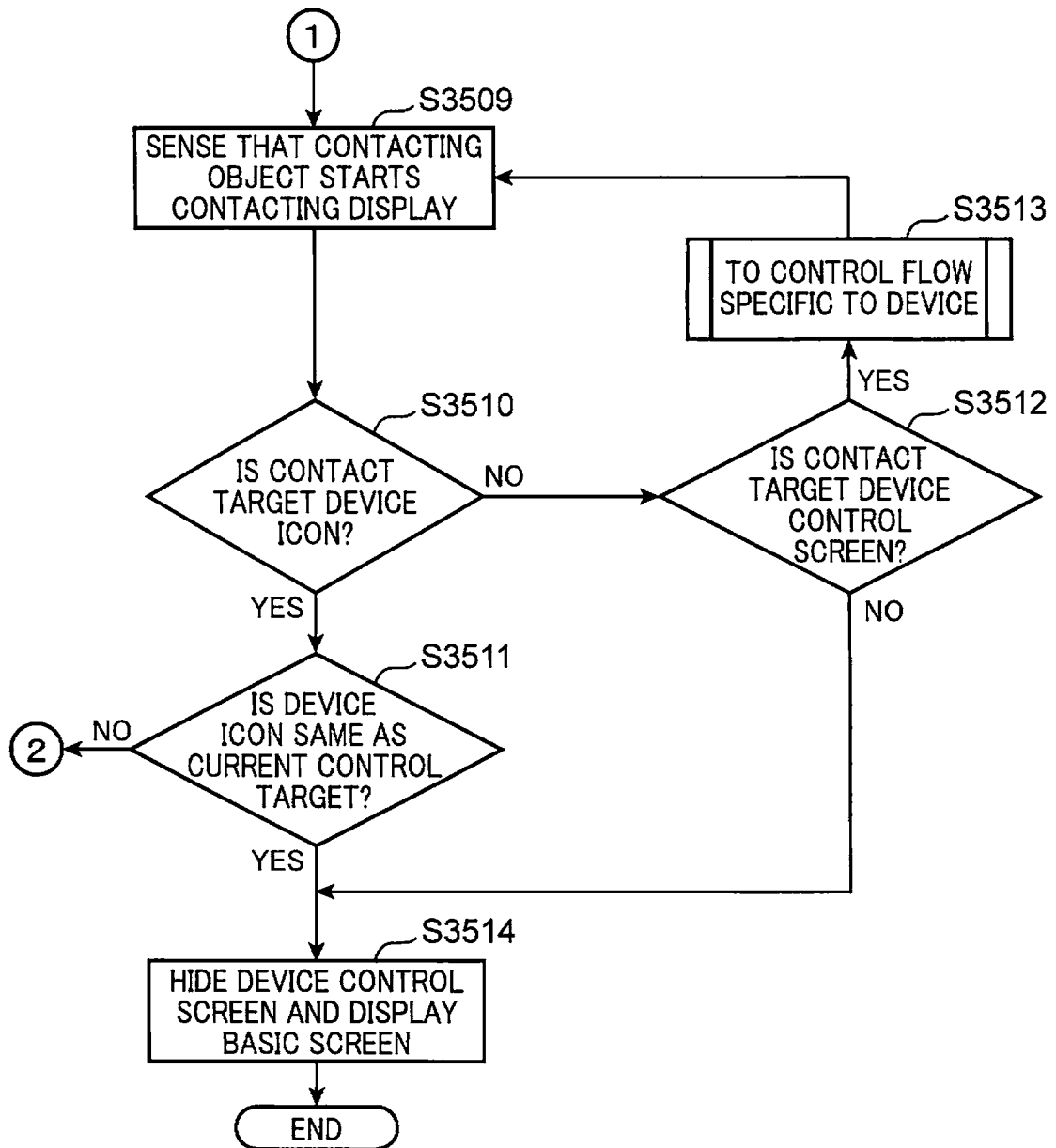


FIG. 40

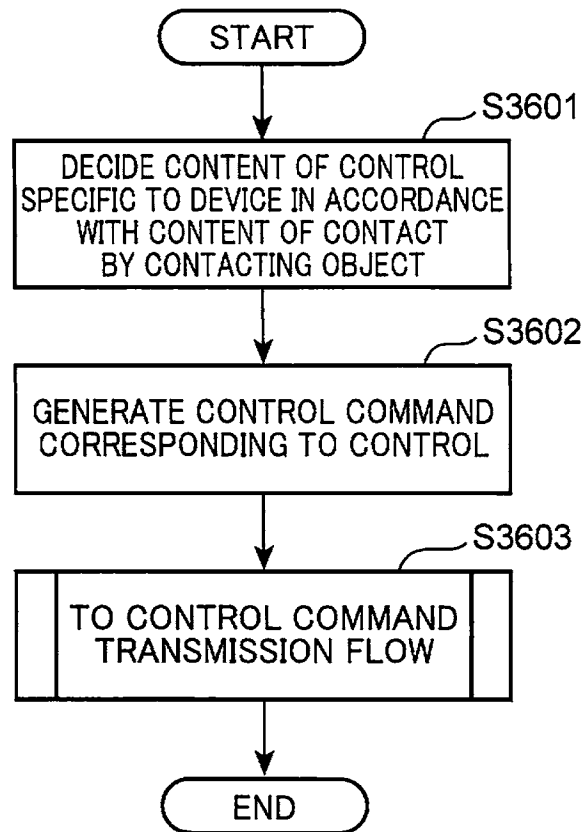


FIG.41

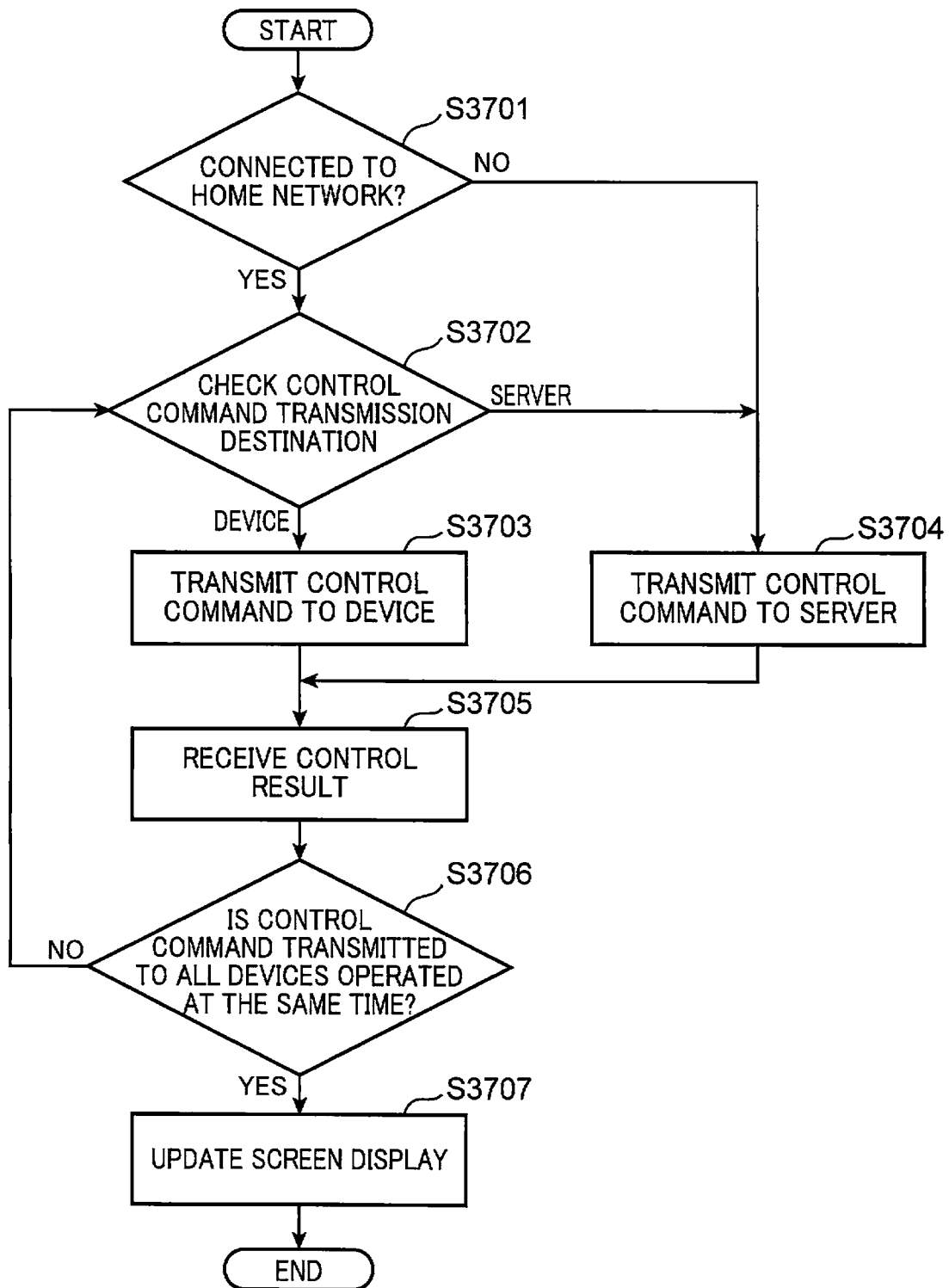


FIG. 42

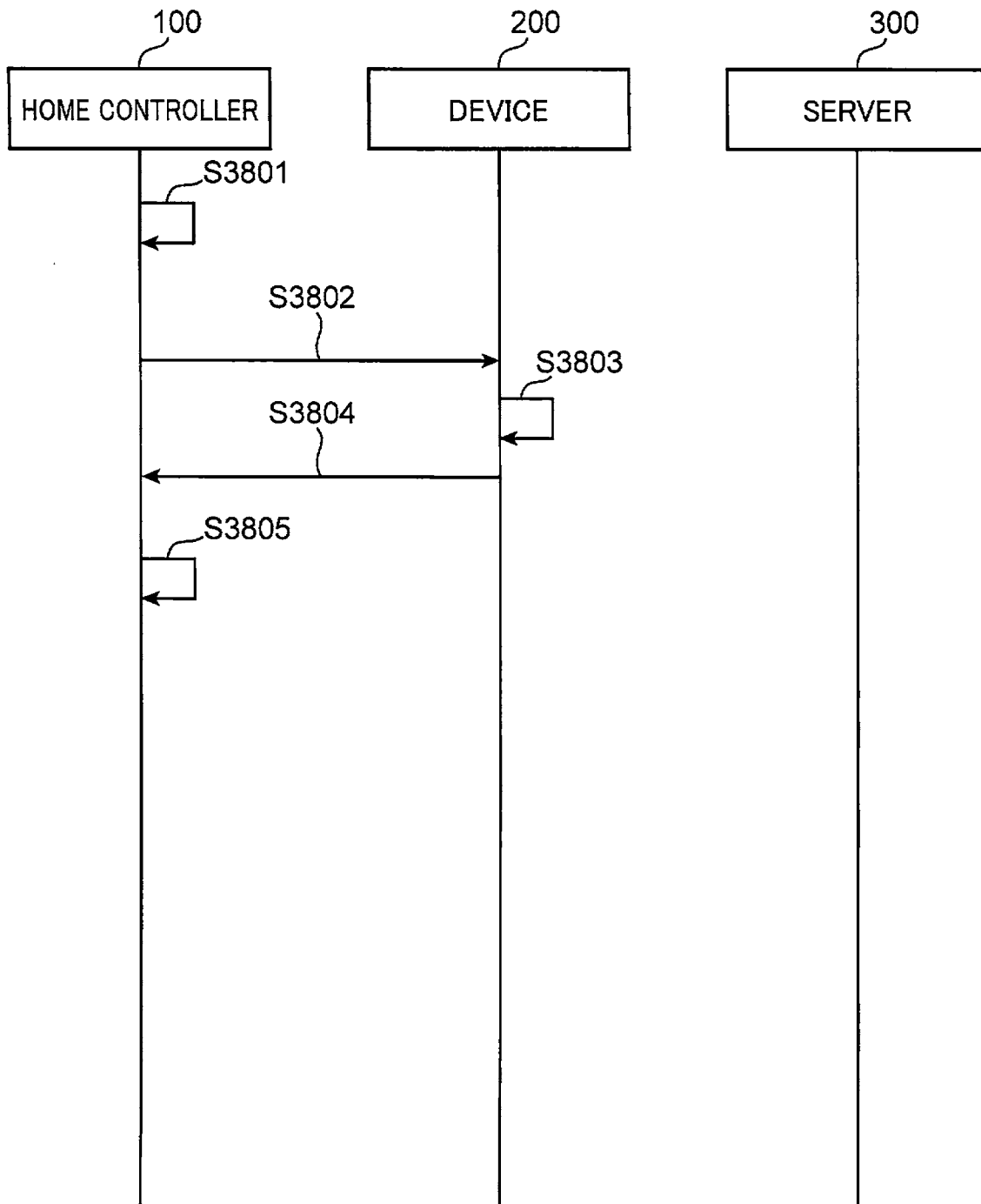


FIG. 43

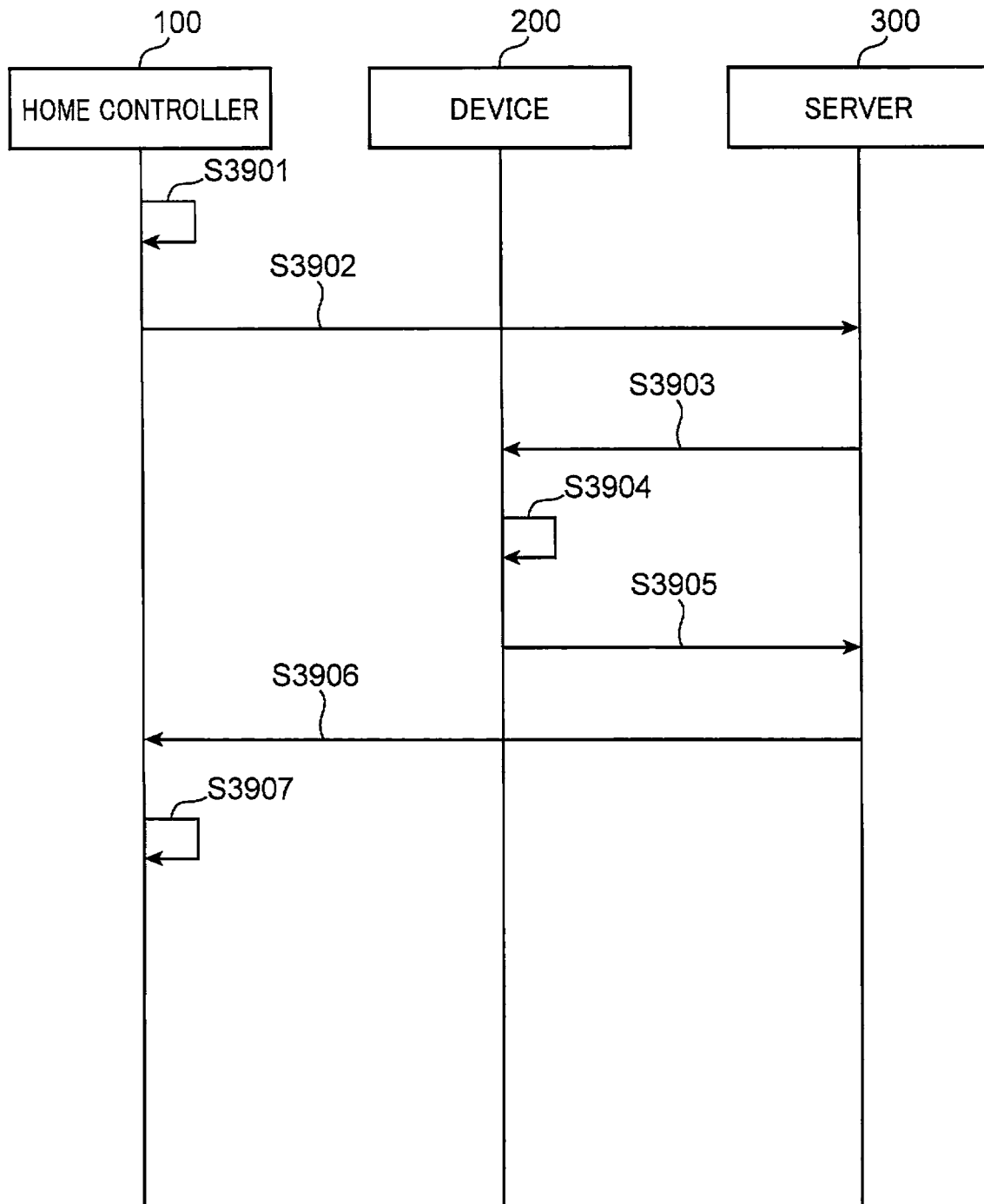


FIG. 44

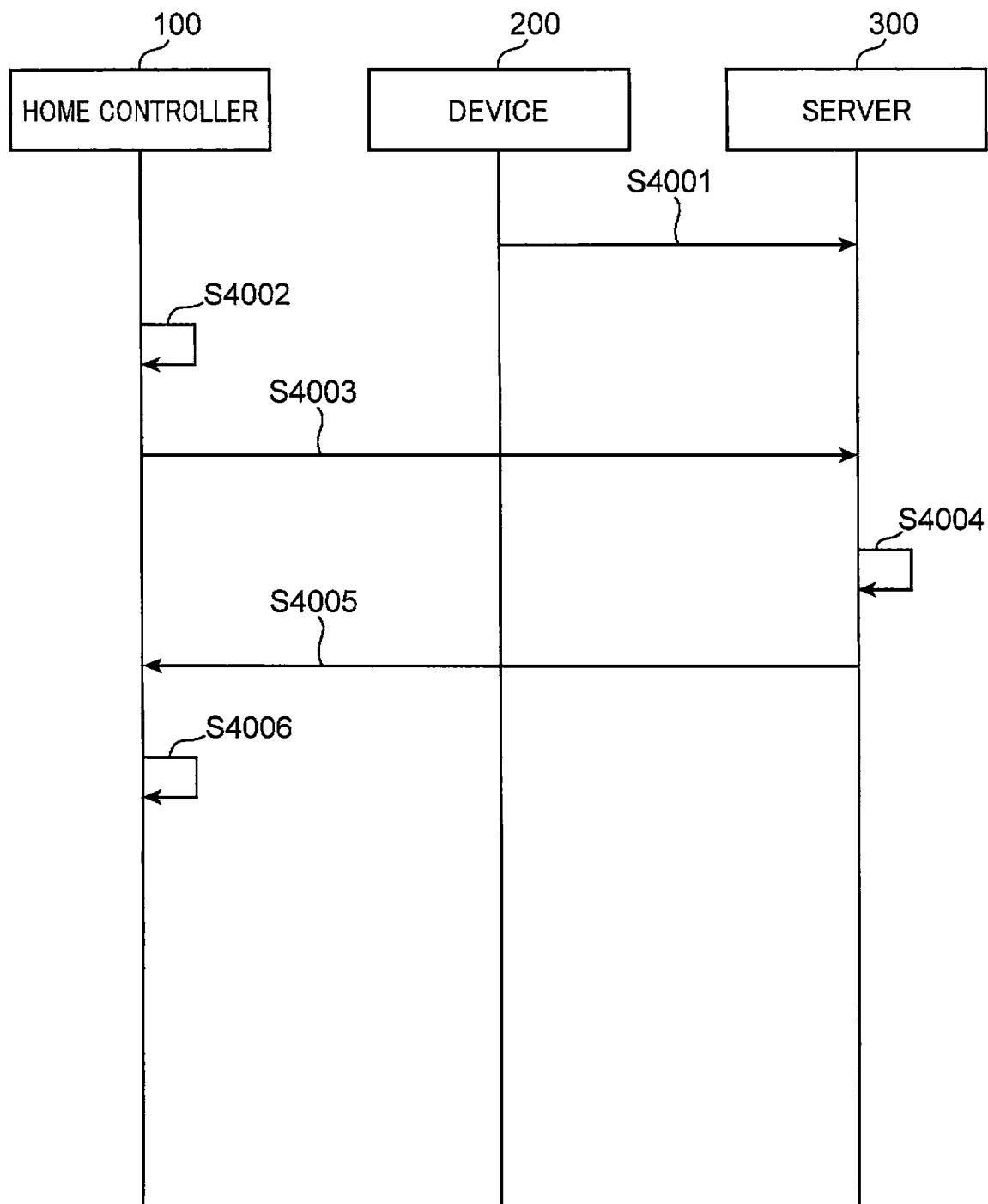


FIG. 45

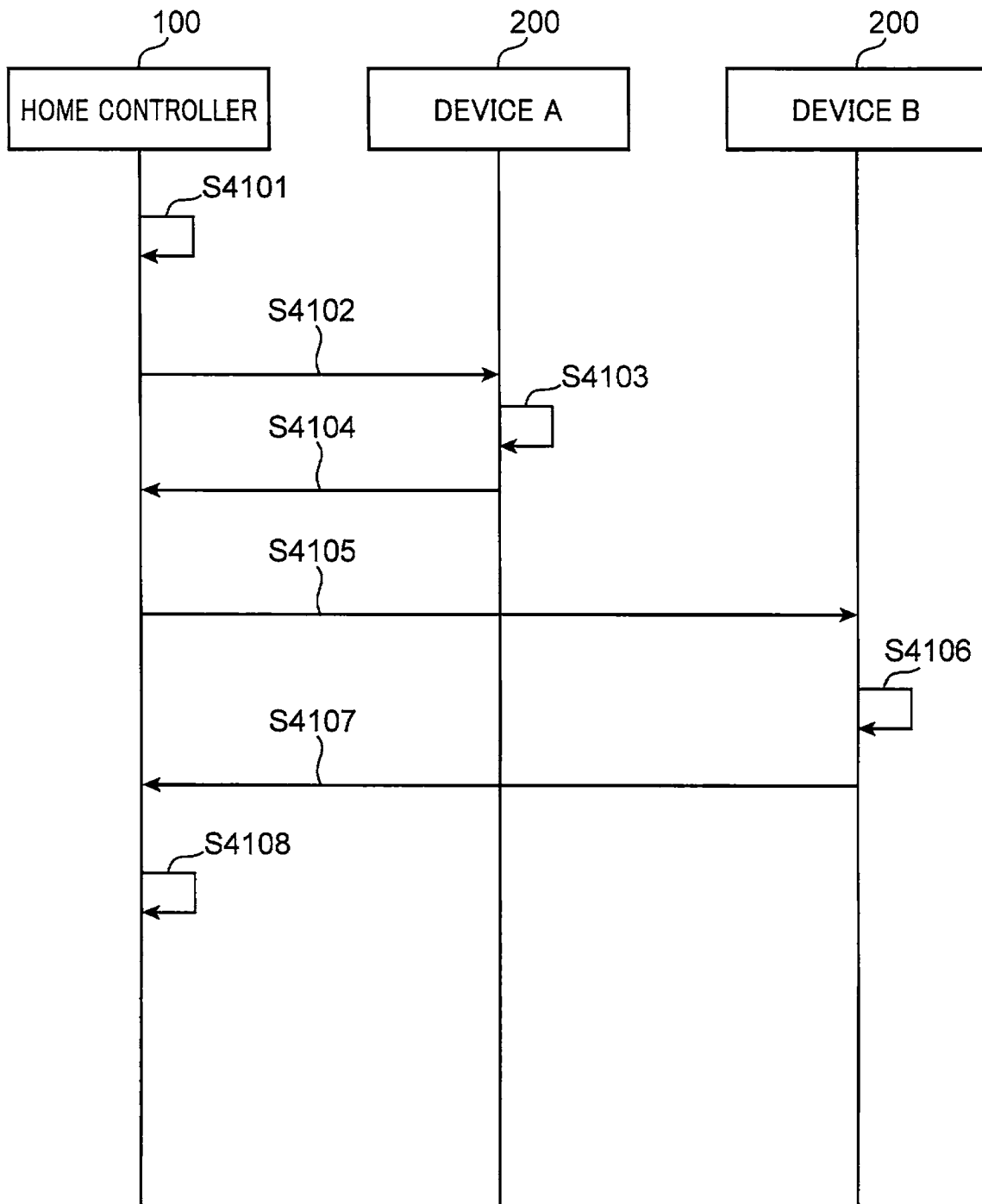


FIG. 46

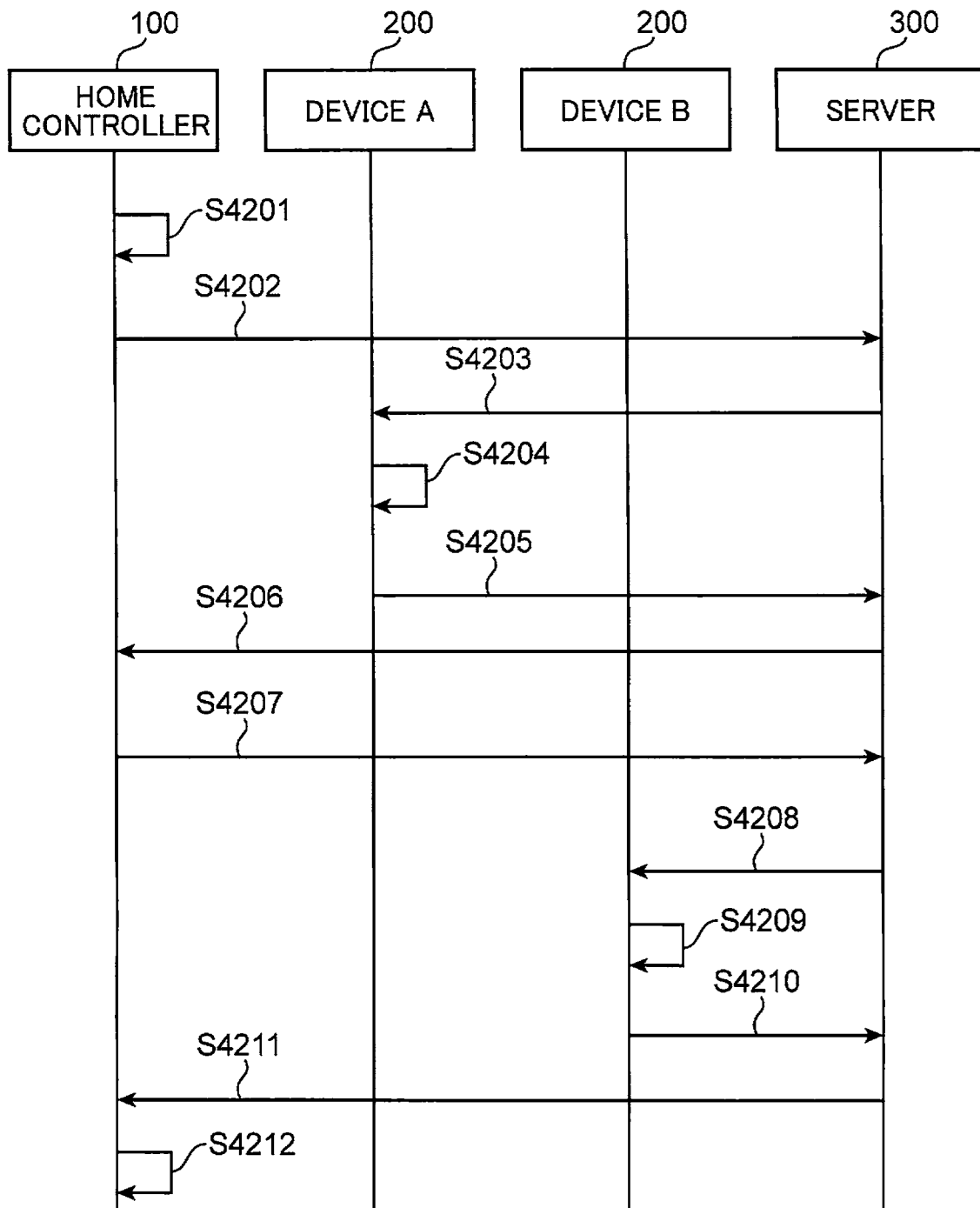


FIG. 47

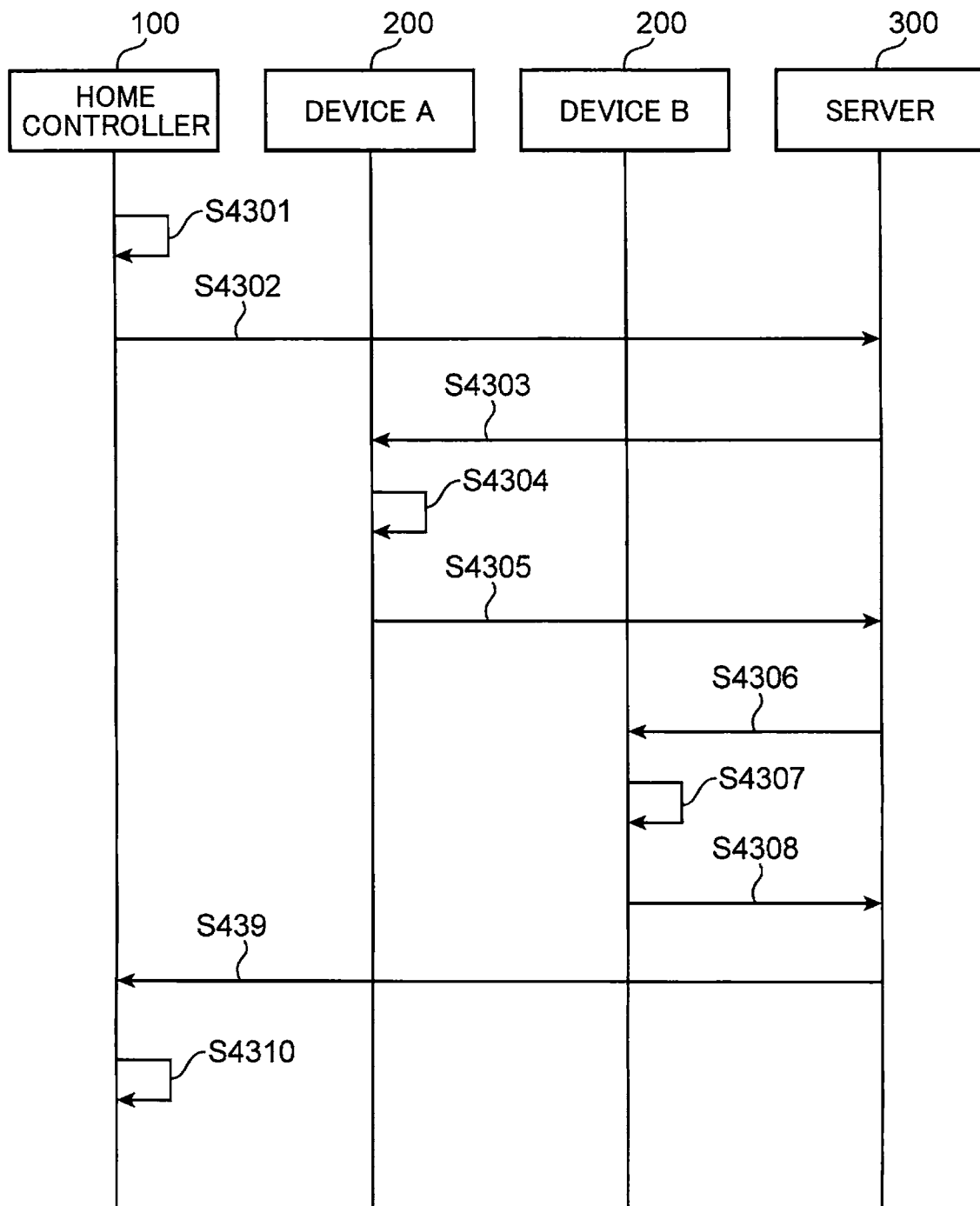


FIG. 48

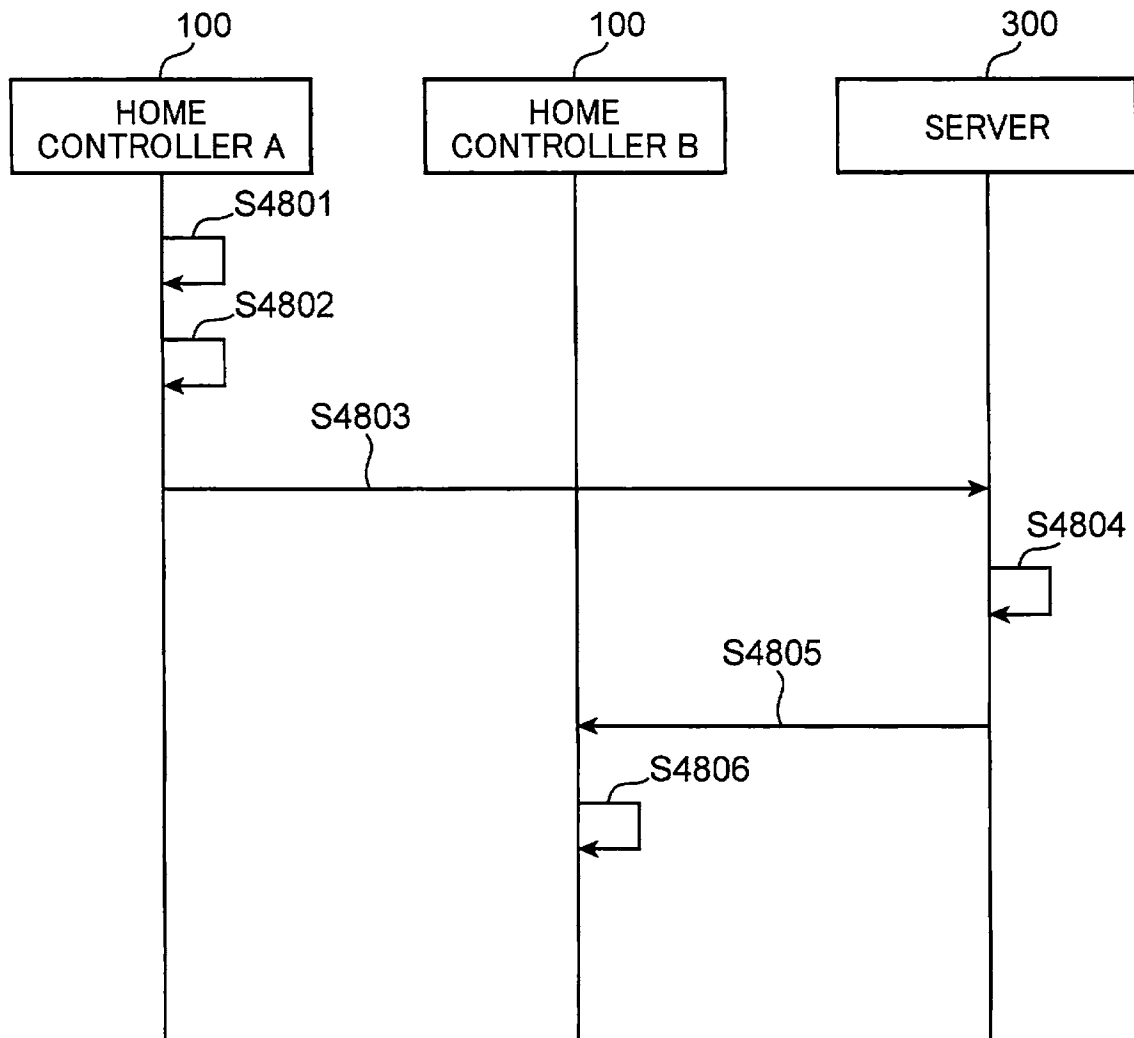


FIG. 49

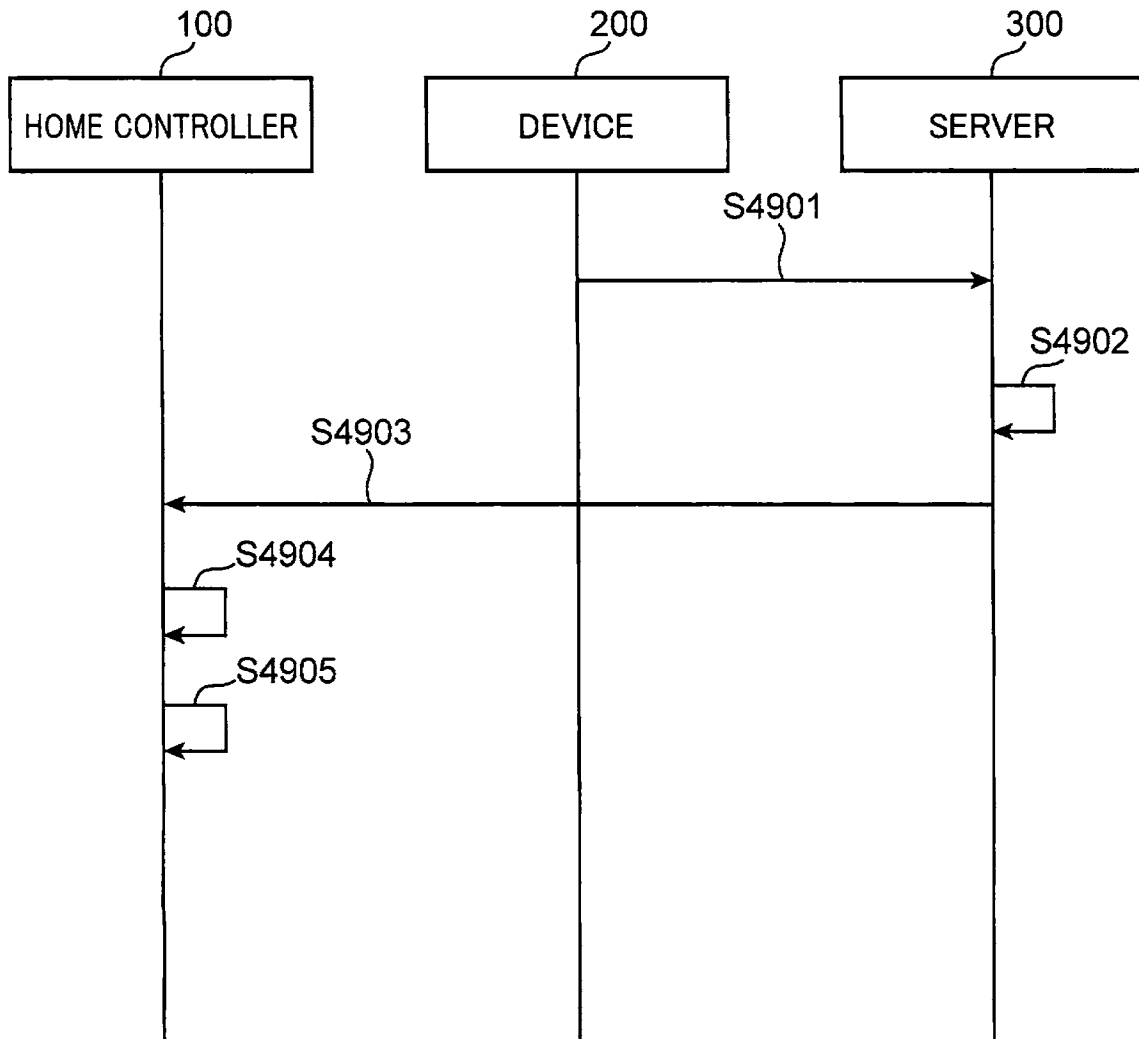


FIG. 50

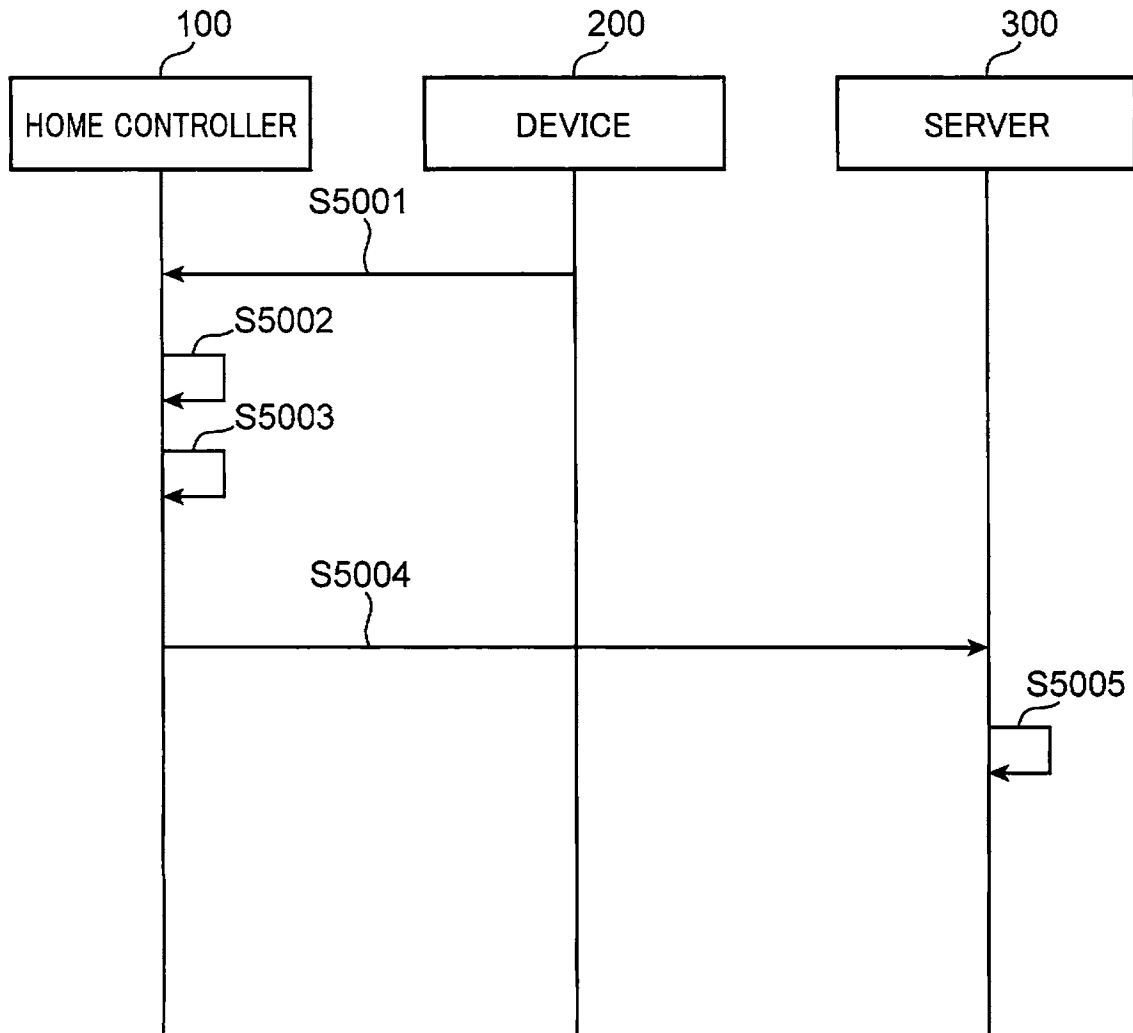


FIG. 51

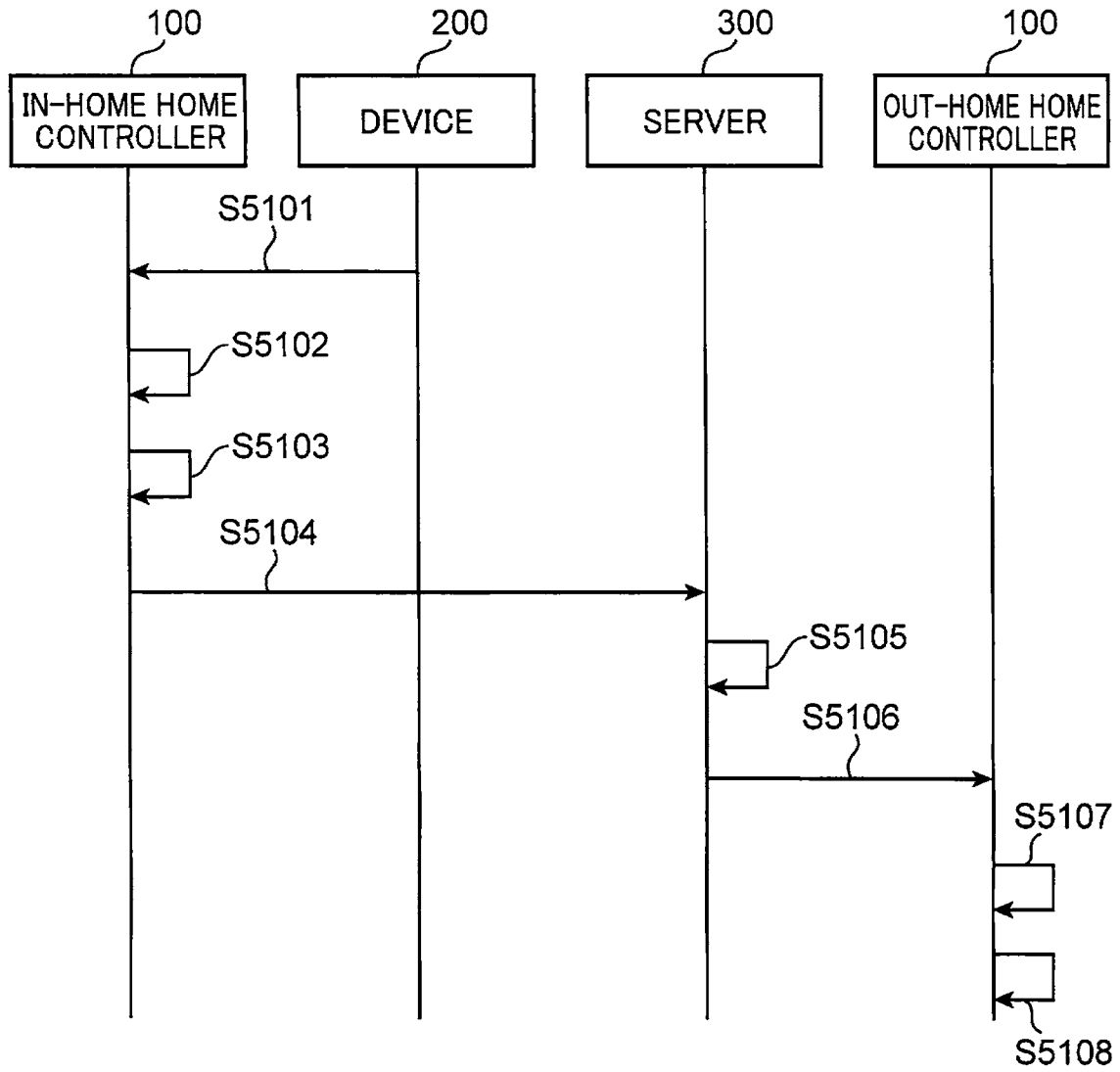


FIG. 52

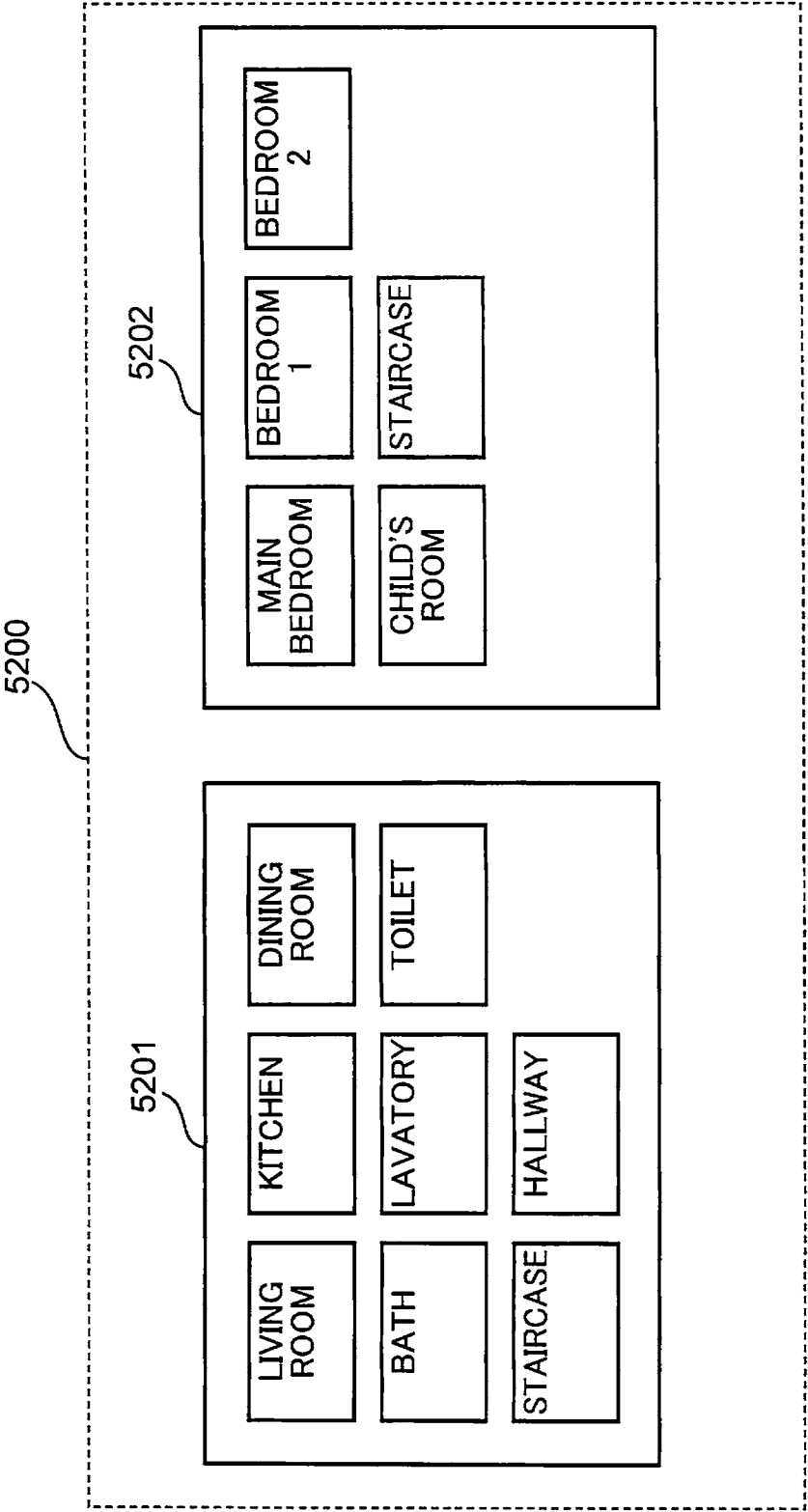


FIG. 53

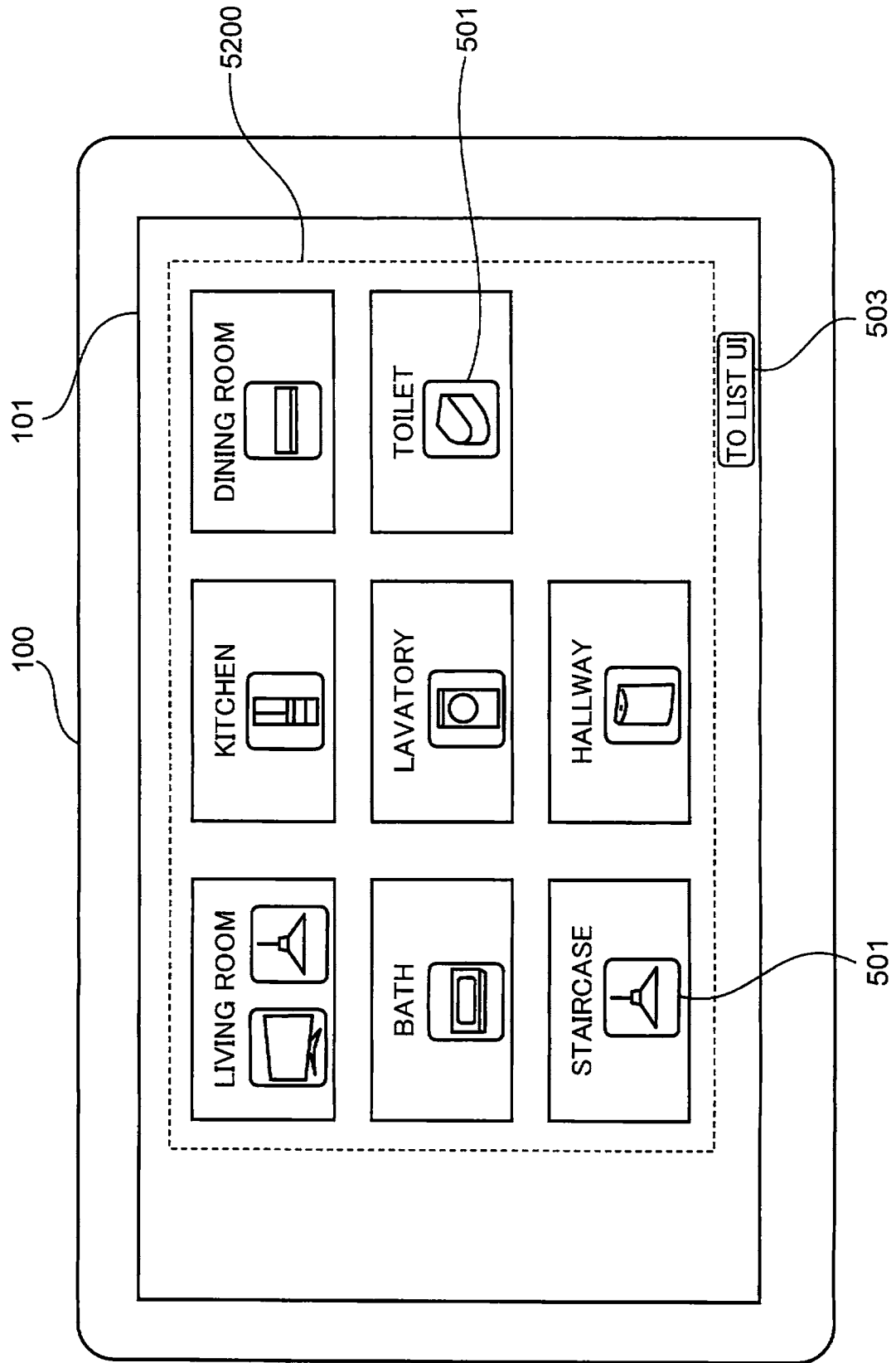


FIG. 54

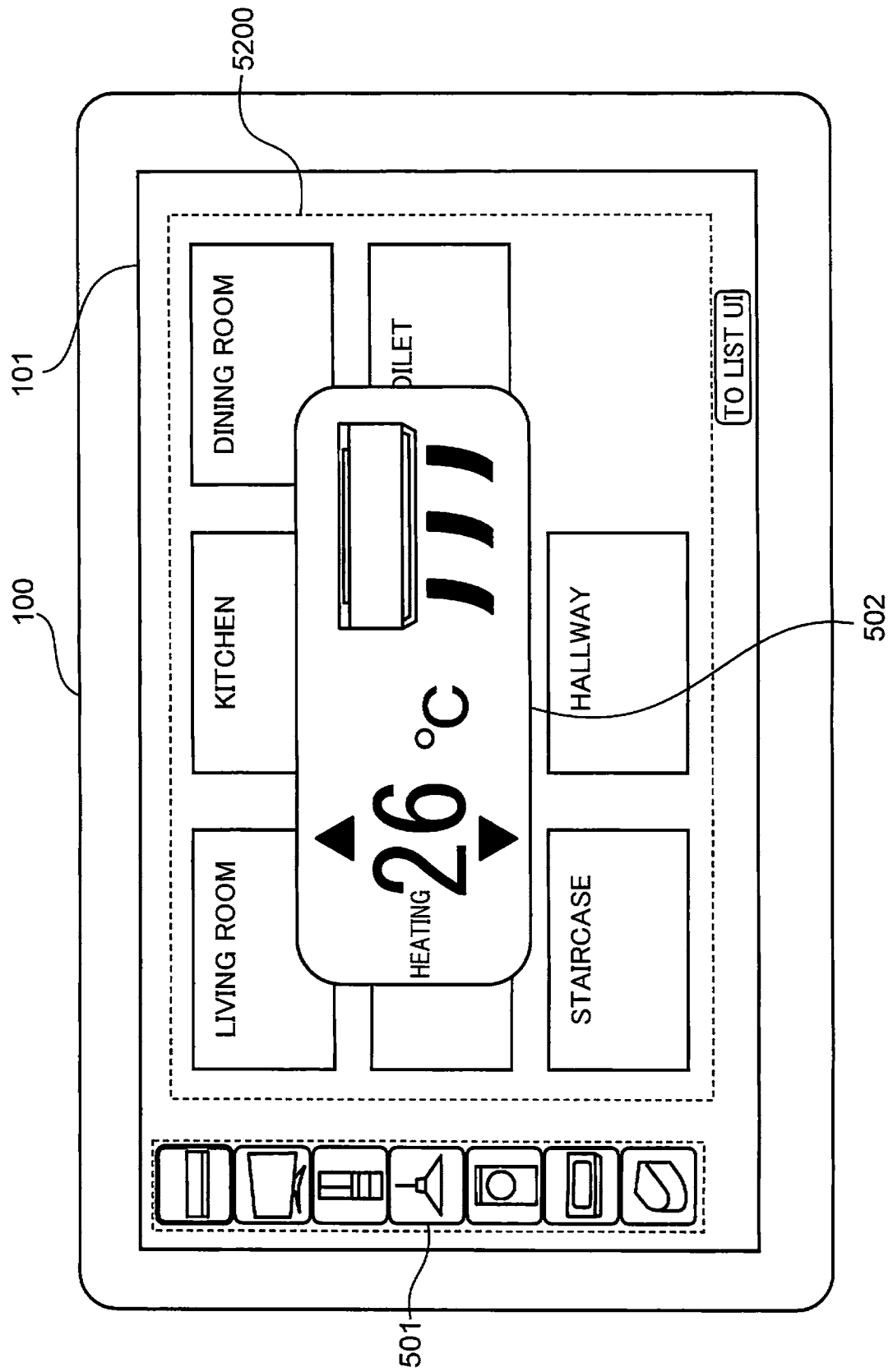


FIG. 55

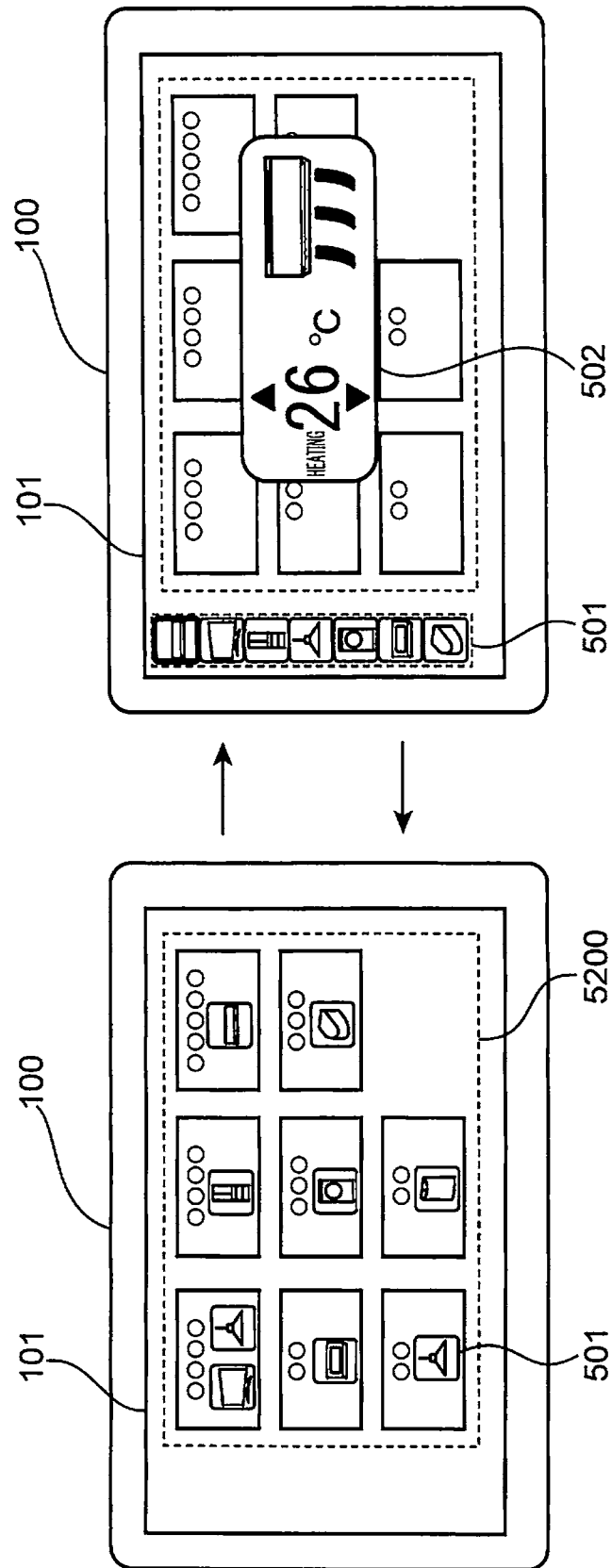


FIG. 56

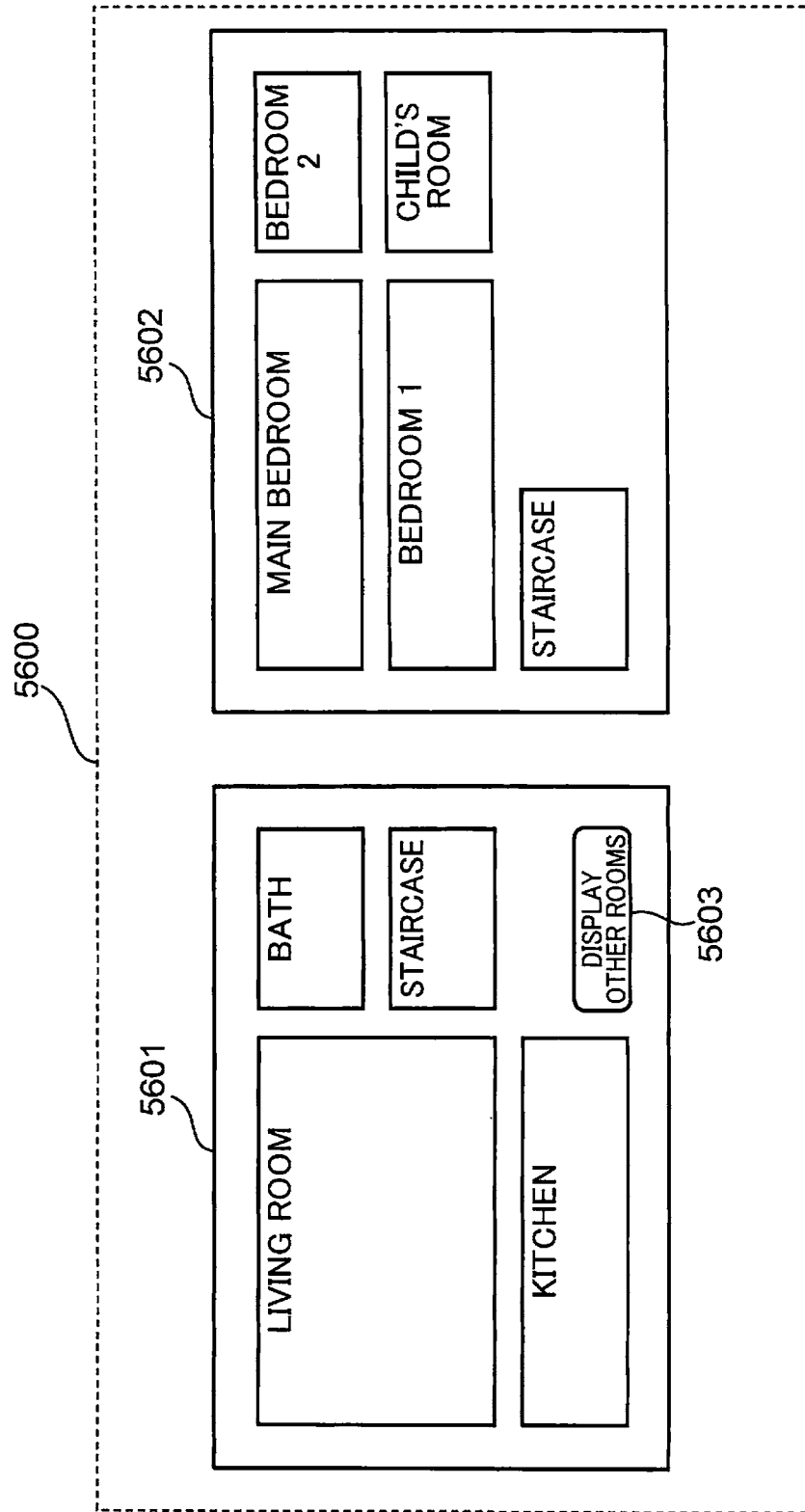


FIG. 57

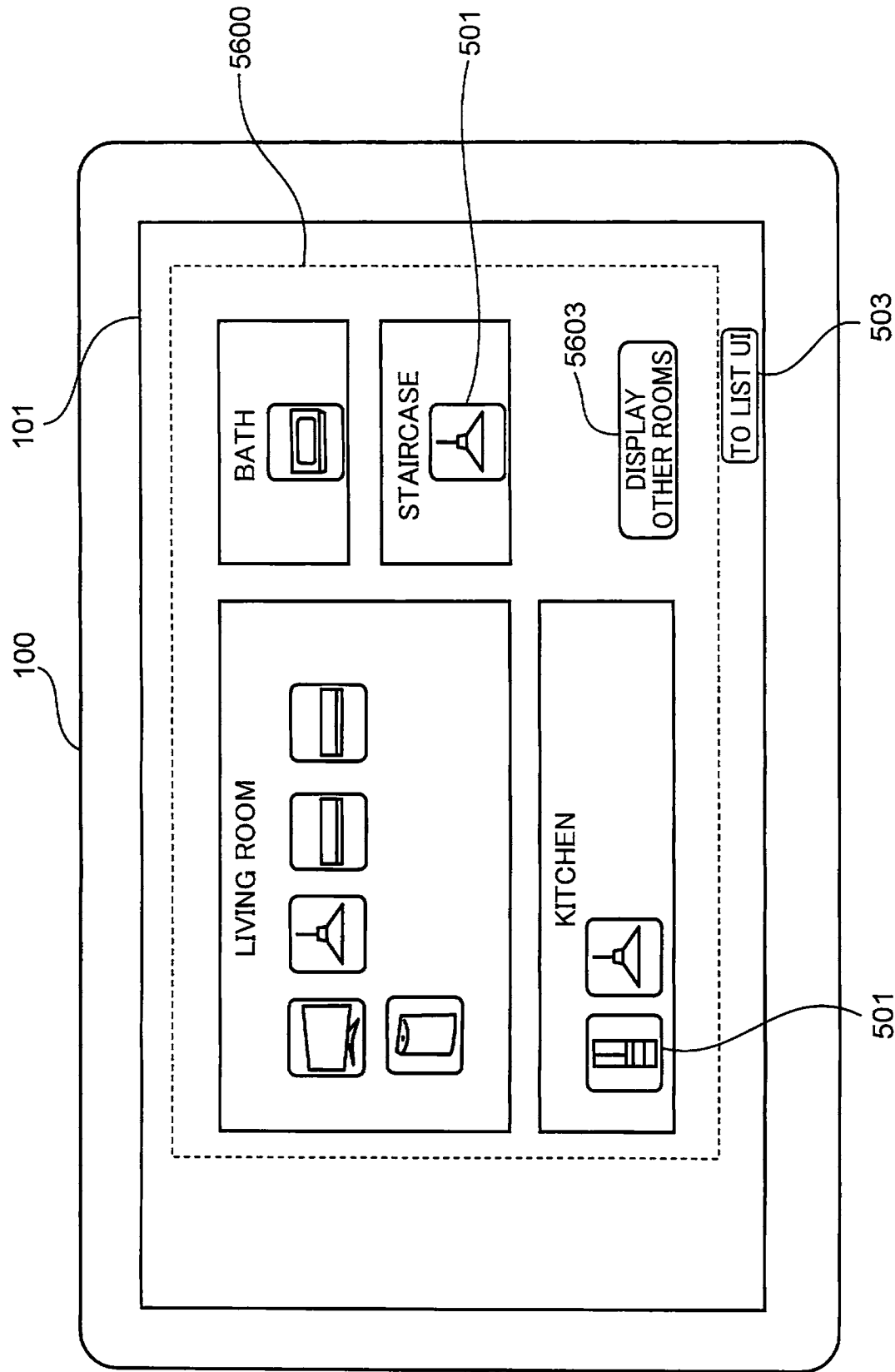


FIG. 58

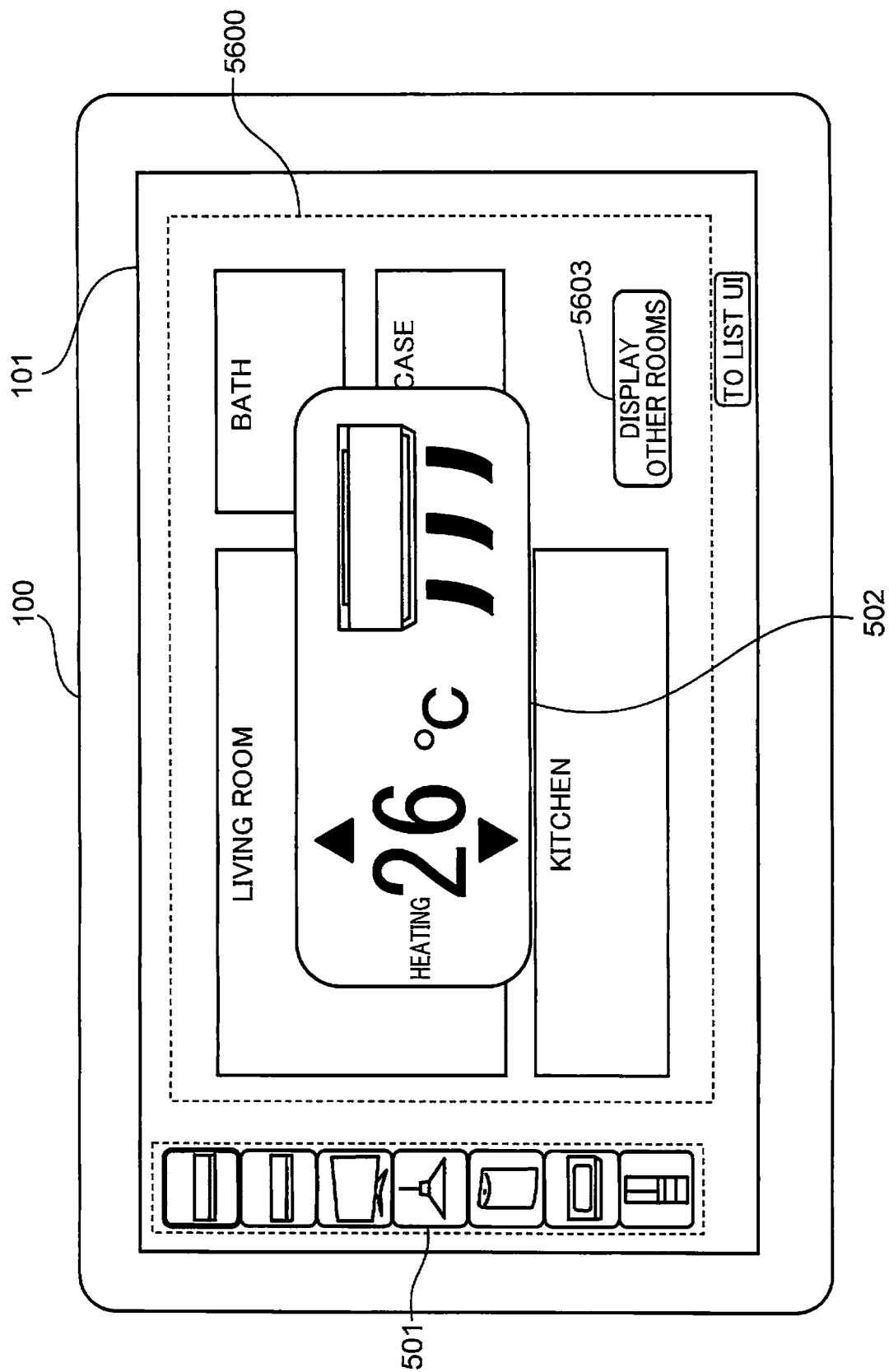


FIG. 59

5900

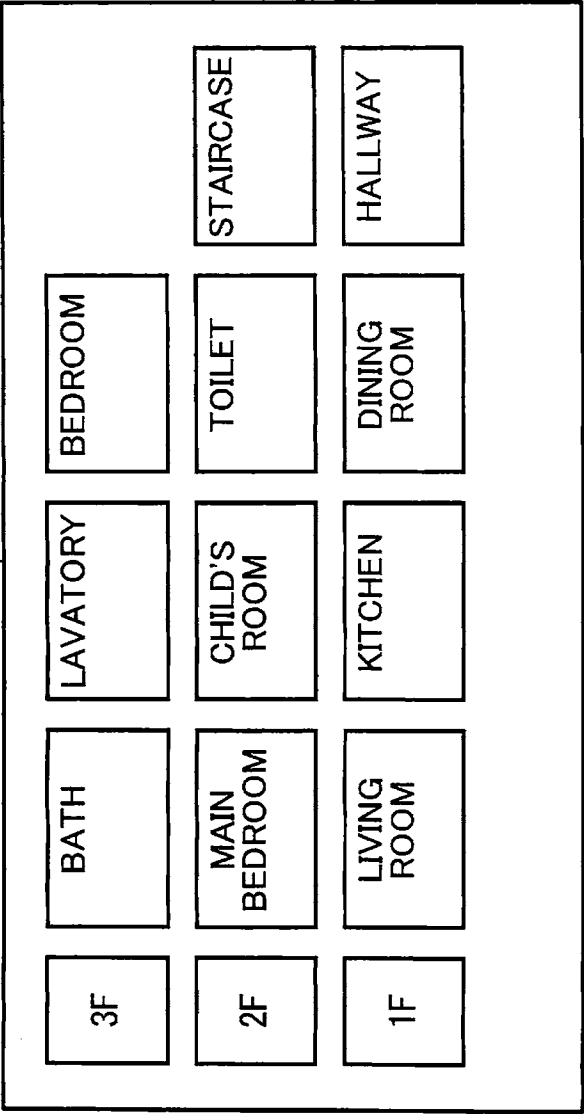


FIG. 60

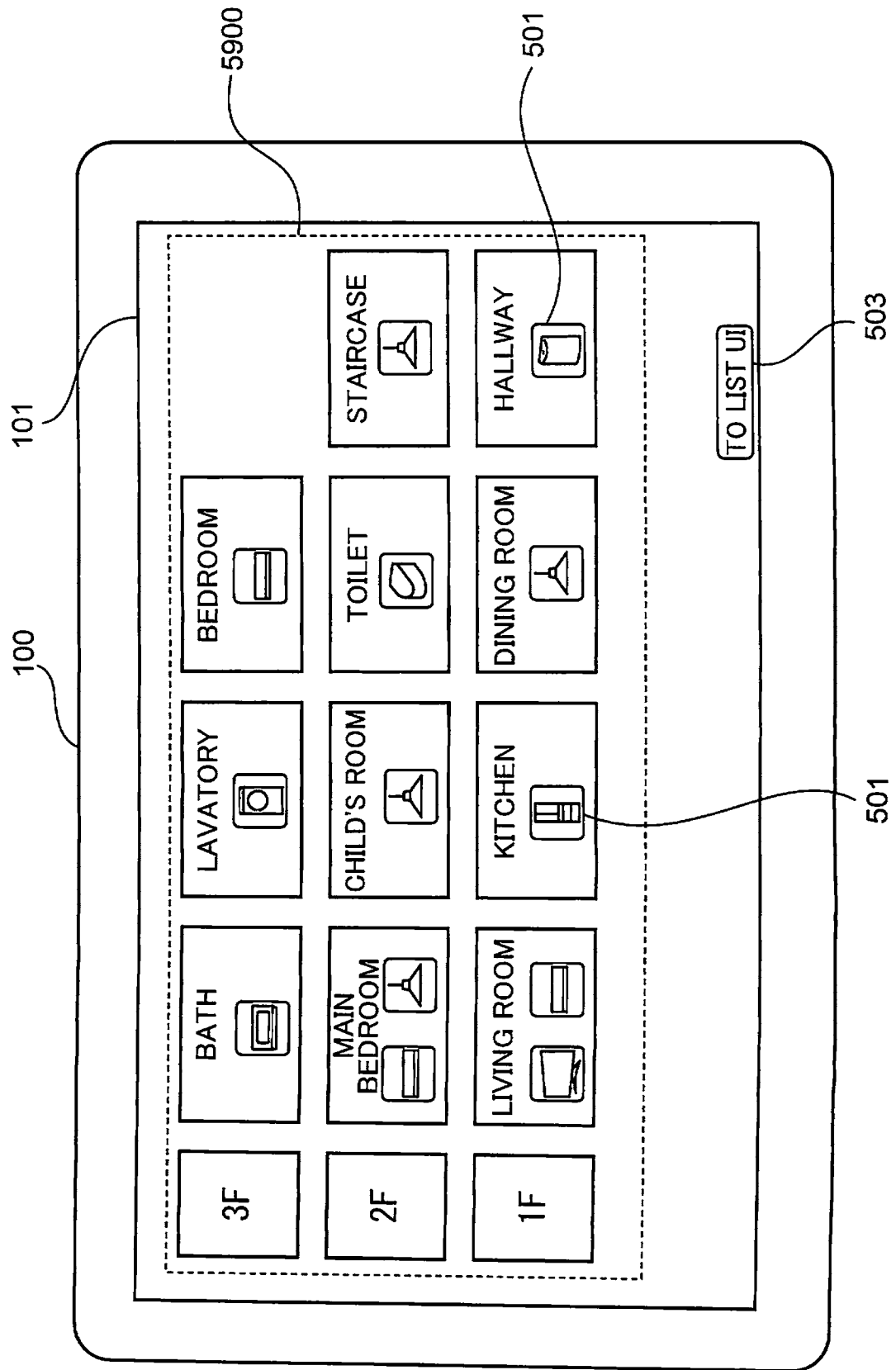


FIG. 61

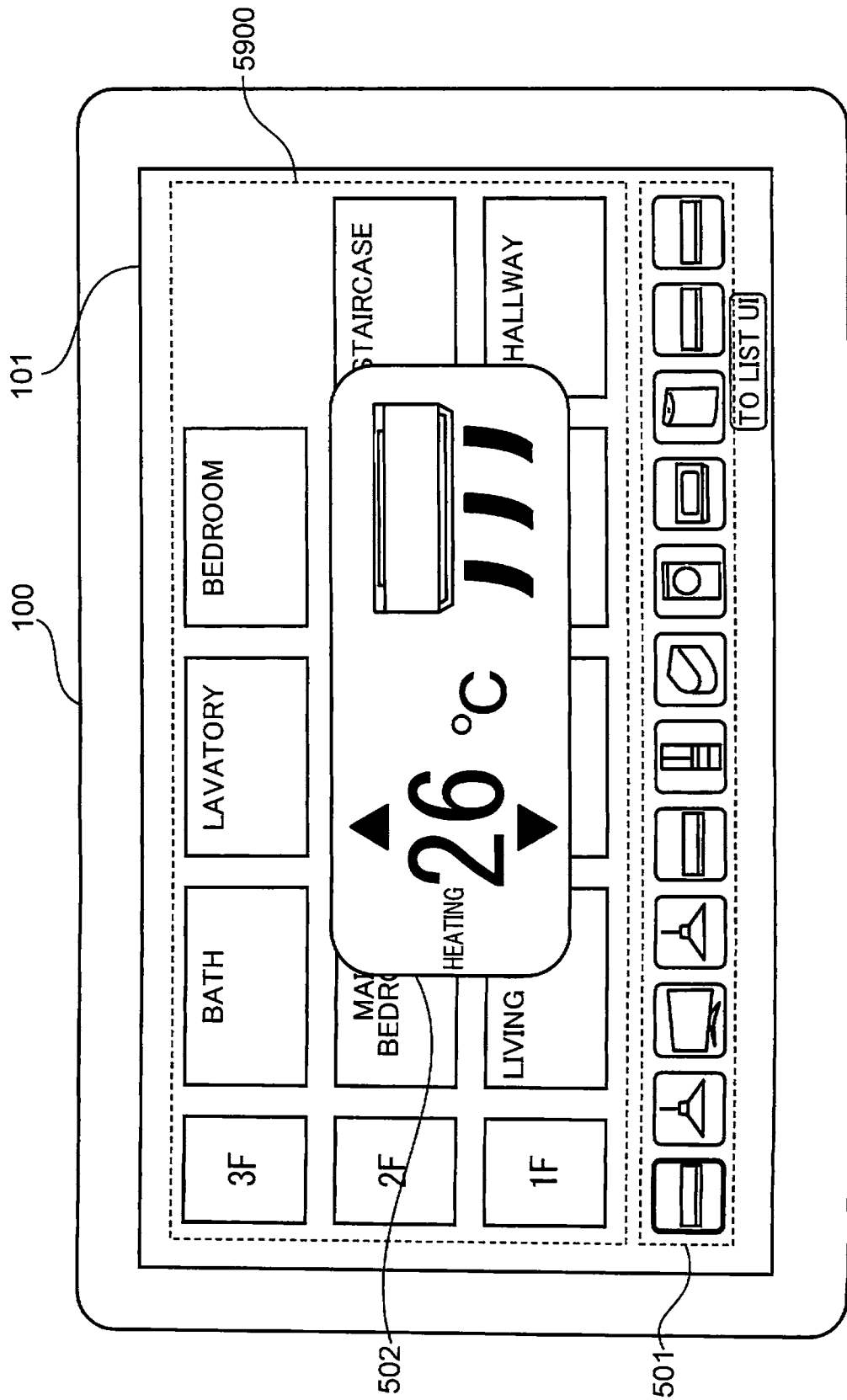
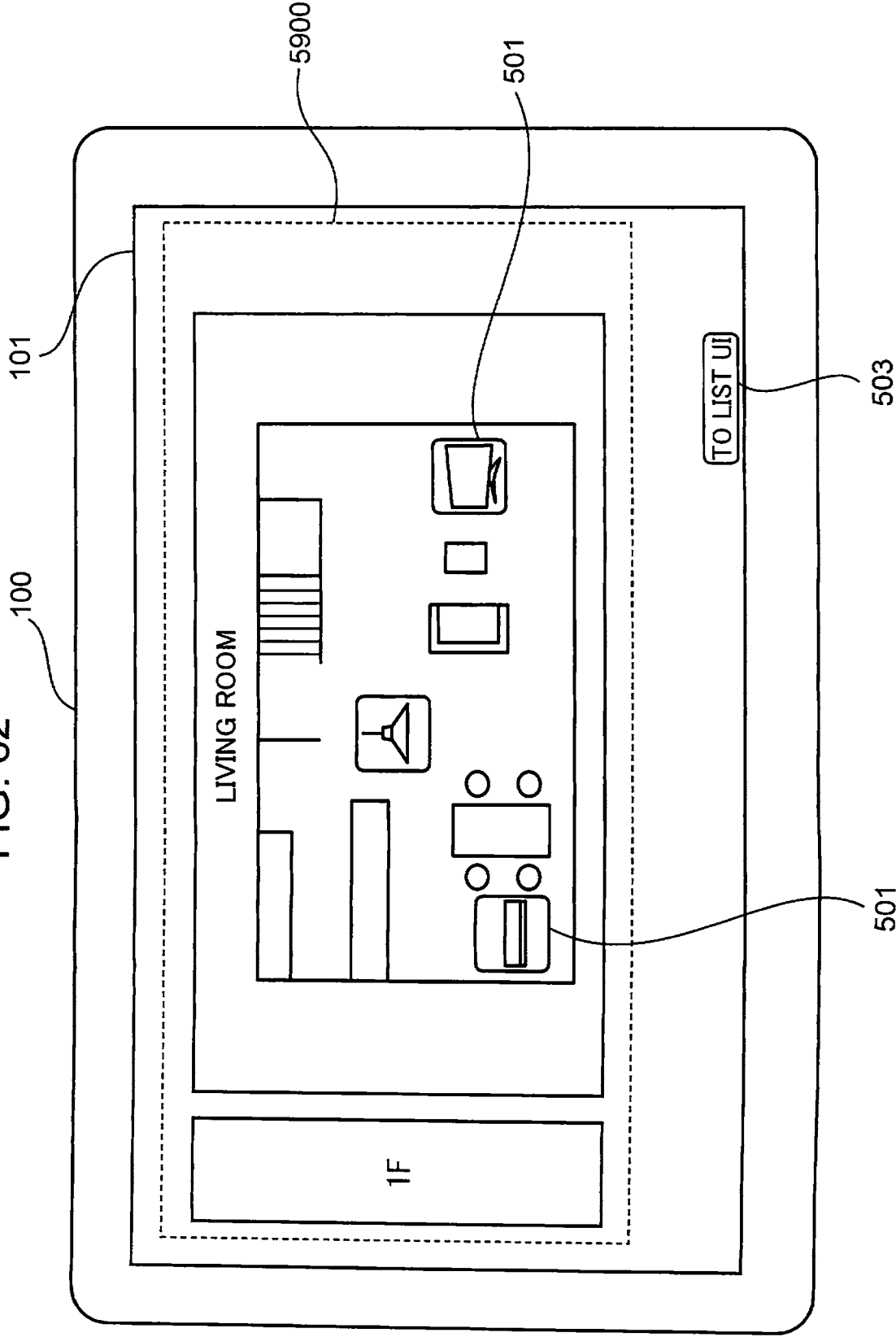


FIG. 62



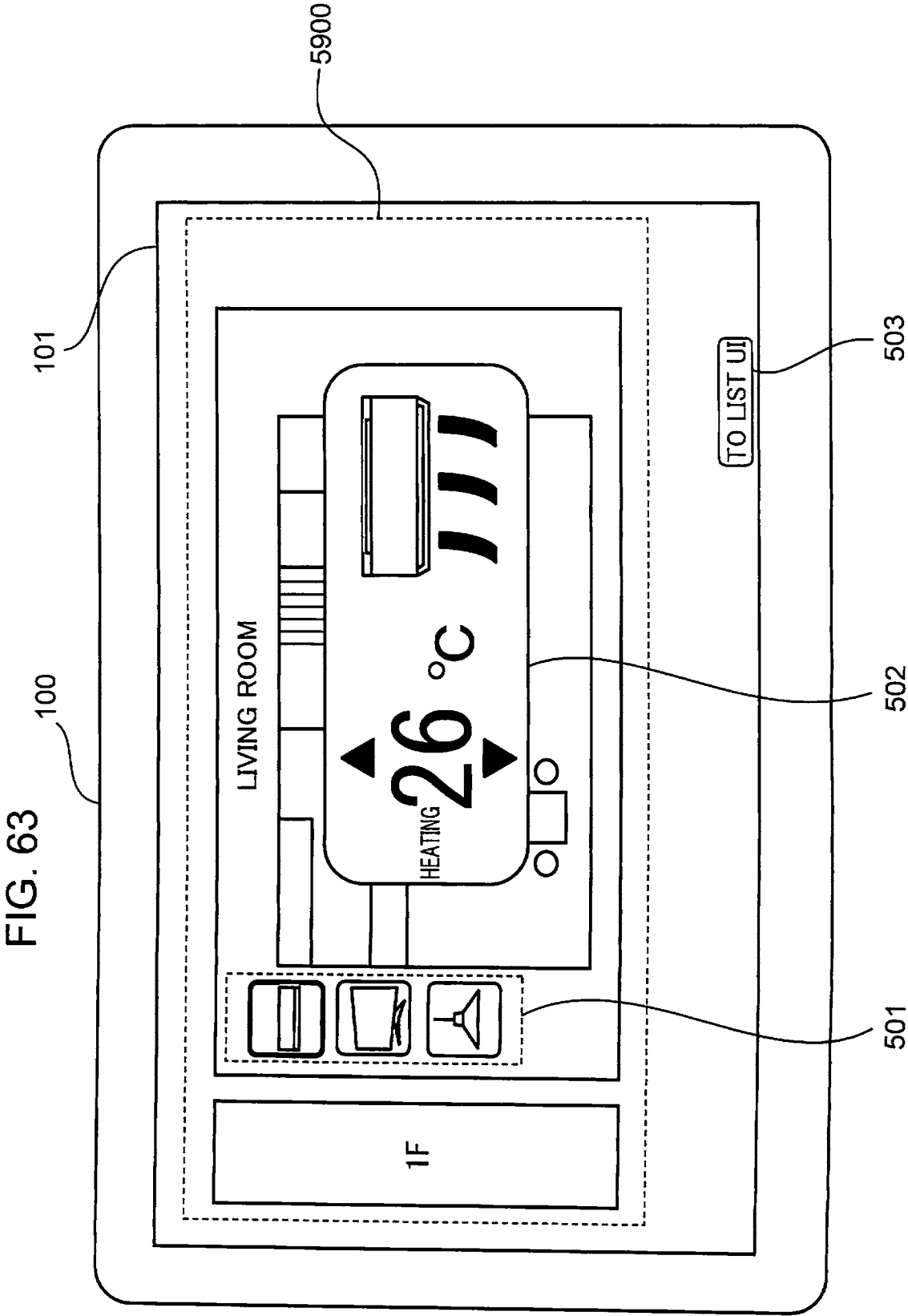


FIG. 64

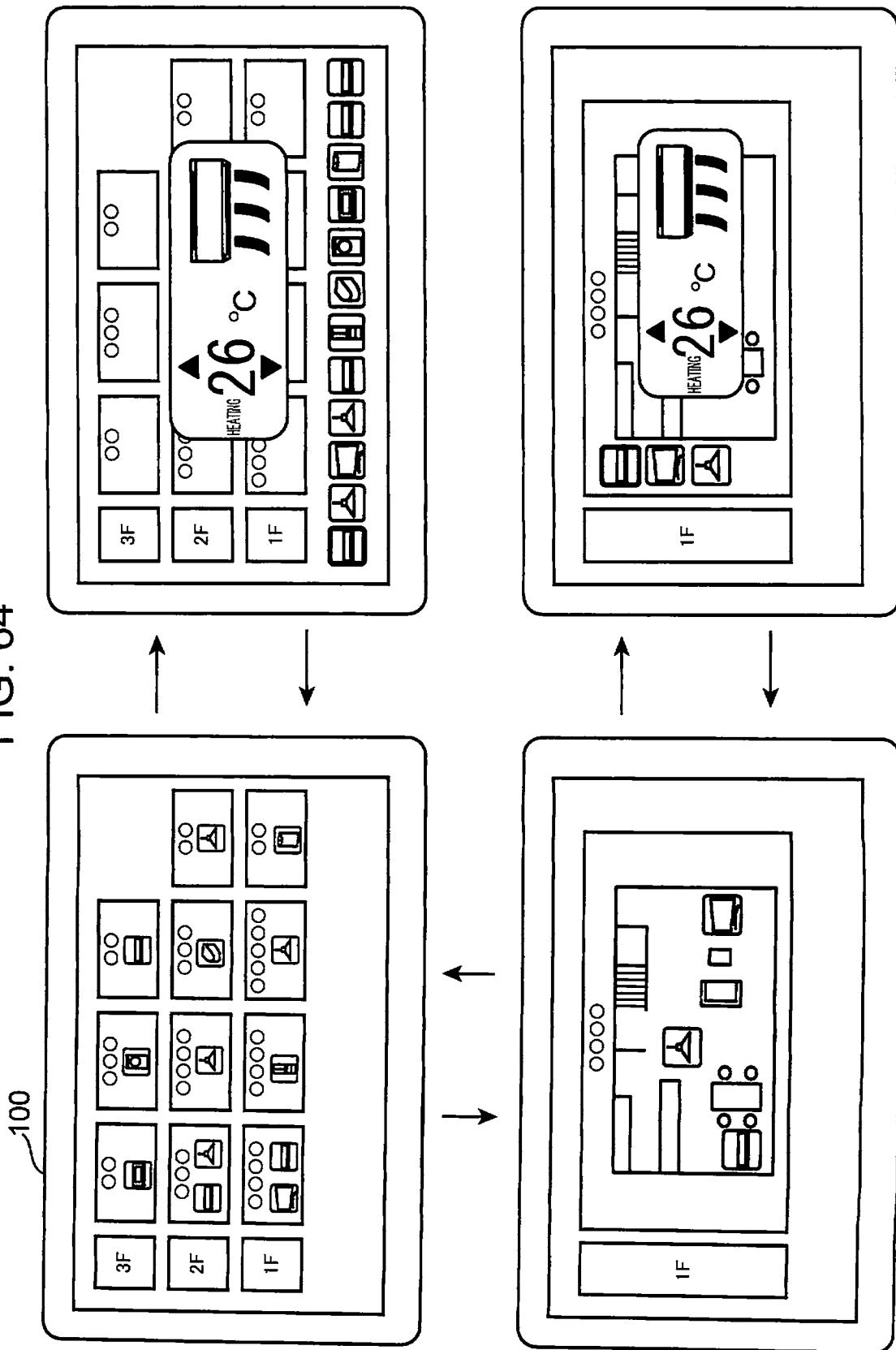


FIG. 65

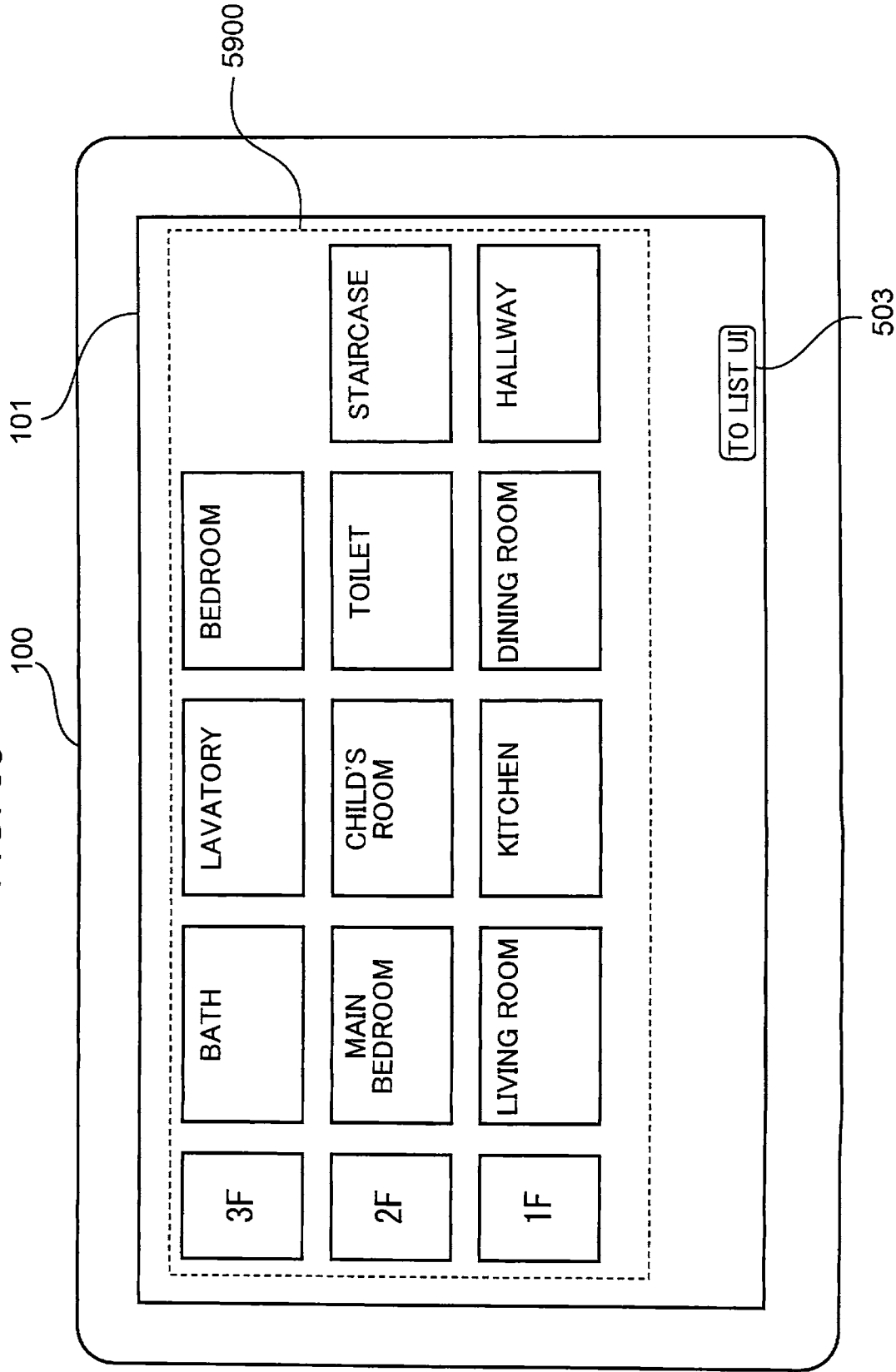


FIG. 66

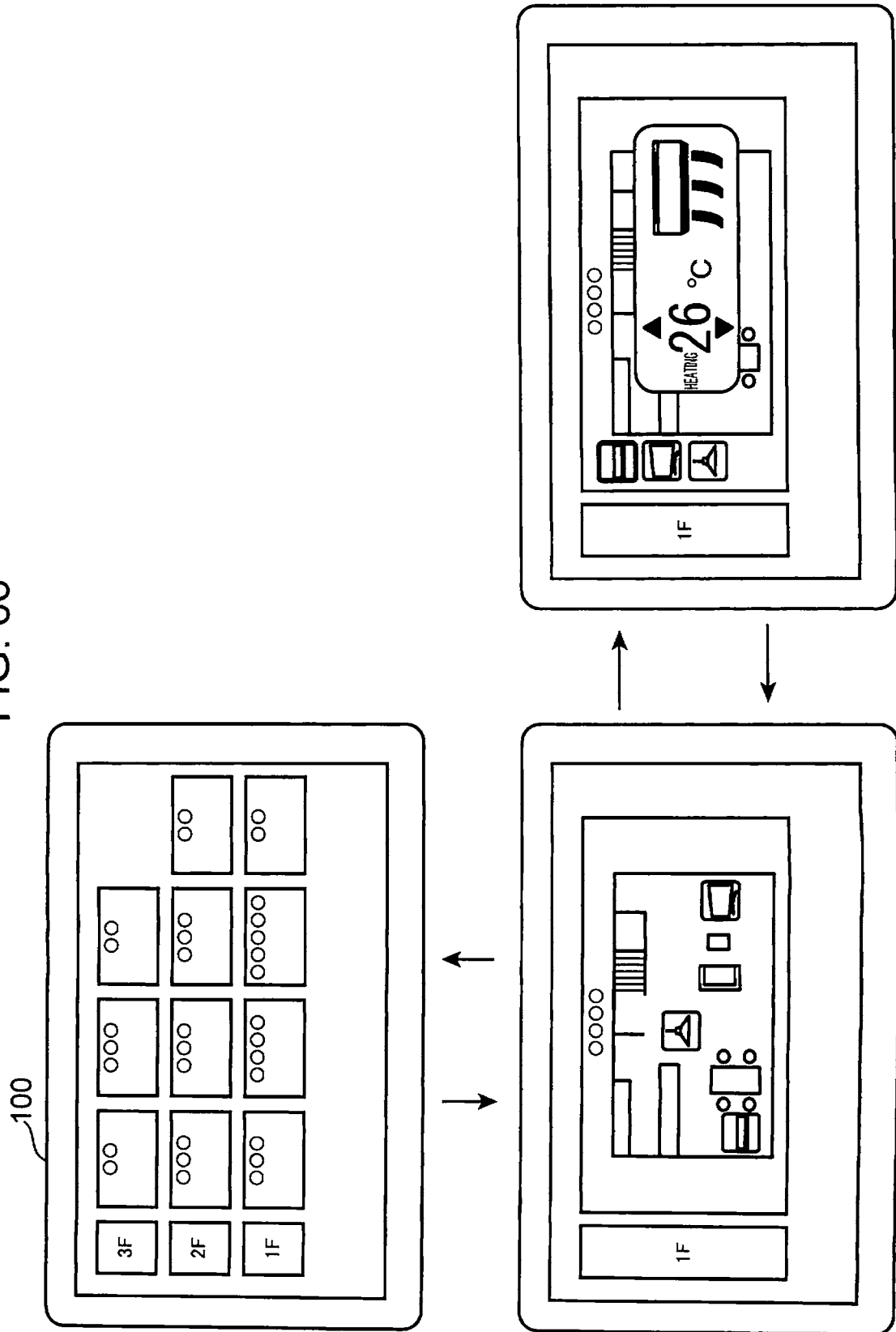


FIG. 67

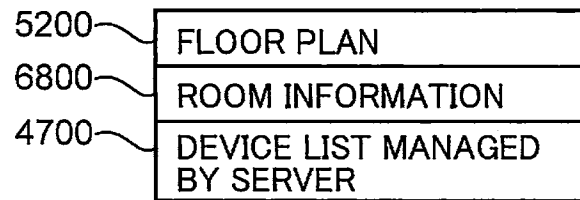
6400

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

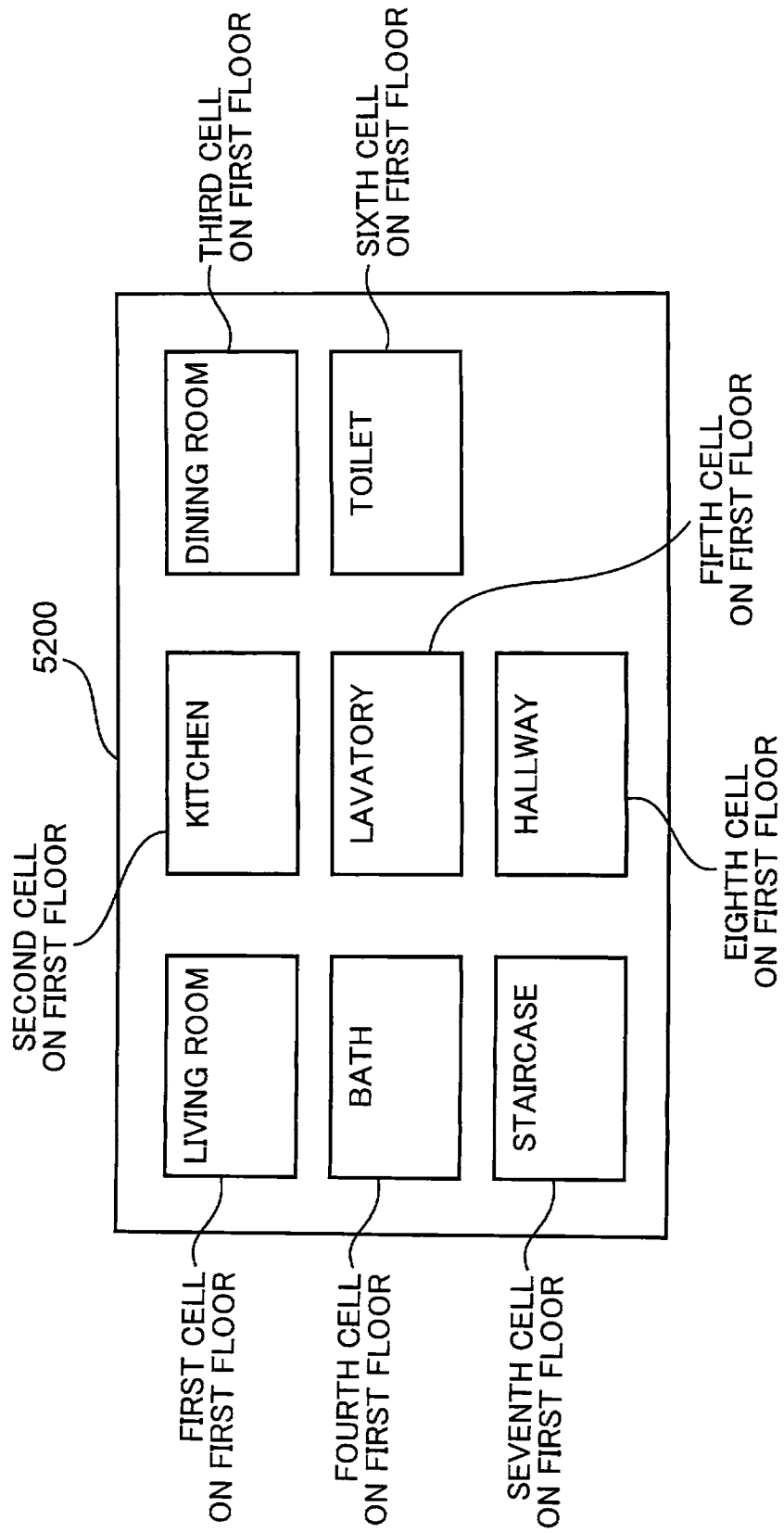


FIG.70

DEVICE ID	DEVICE TYPE	MODEL NUMBER	ARRANGEMENT	CAPABILITY INFORMATION	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

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	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

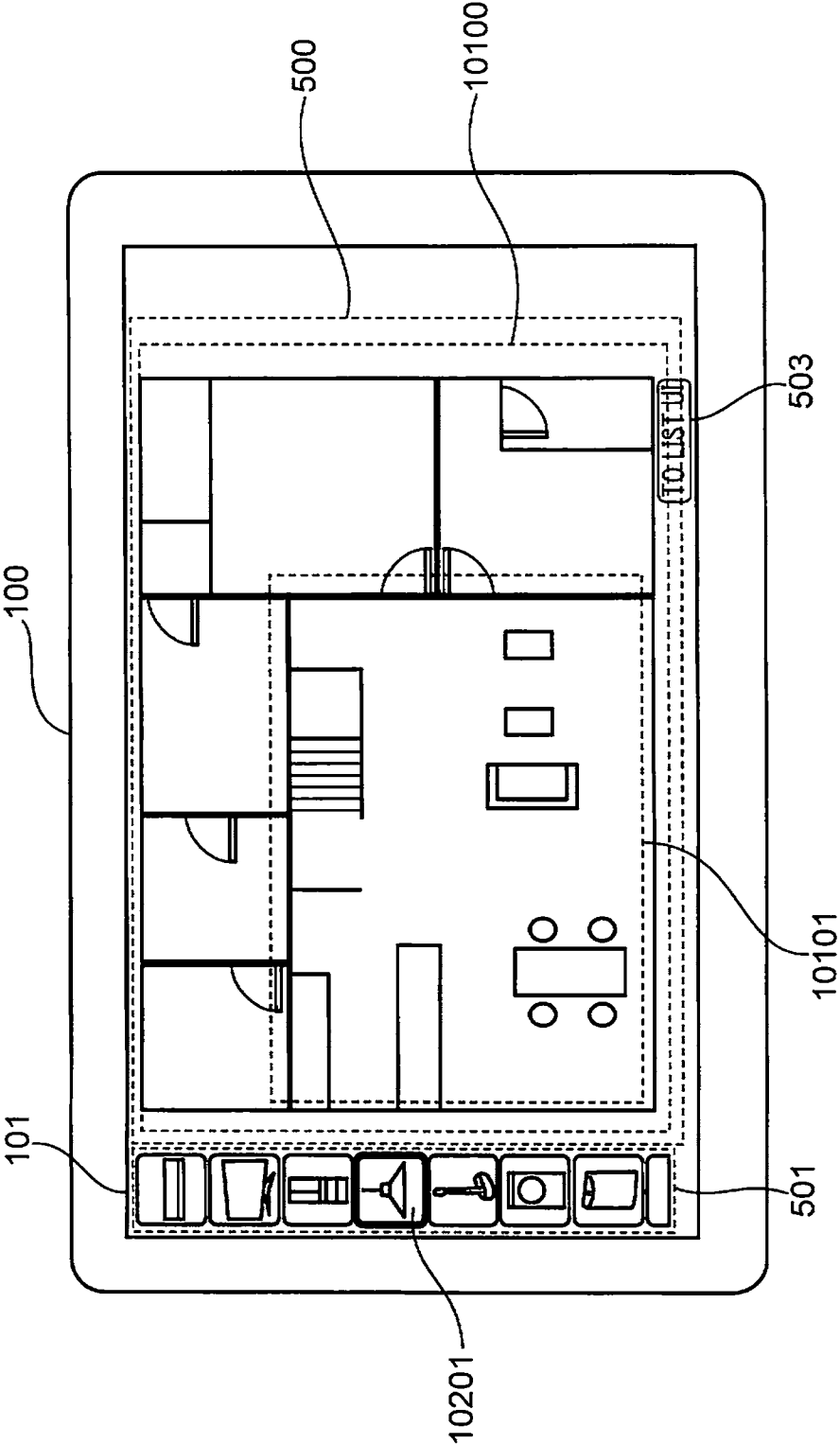


FIG. 73

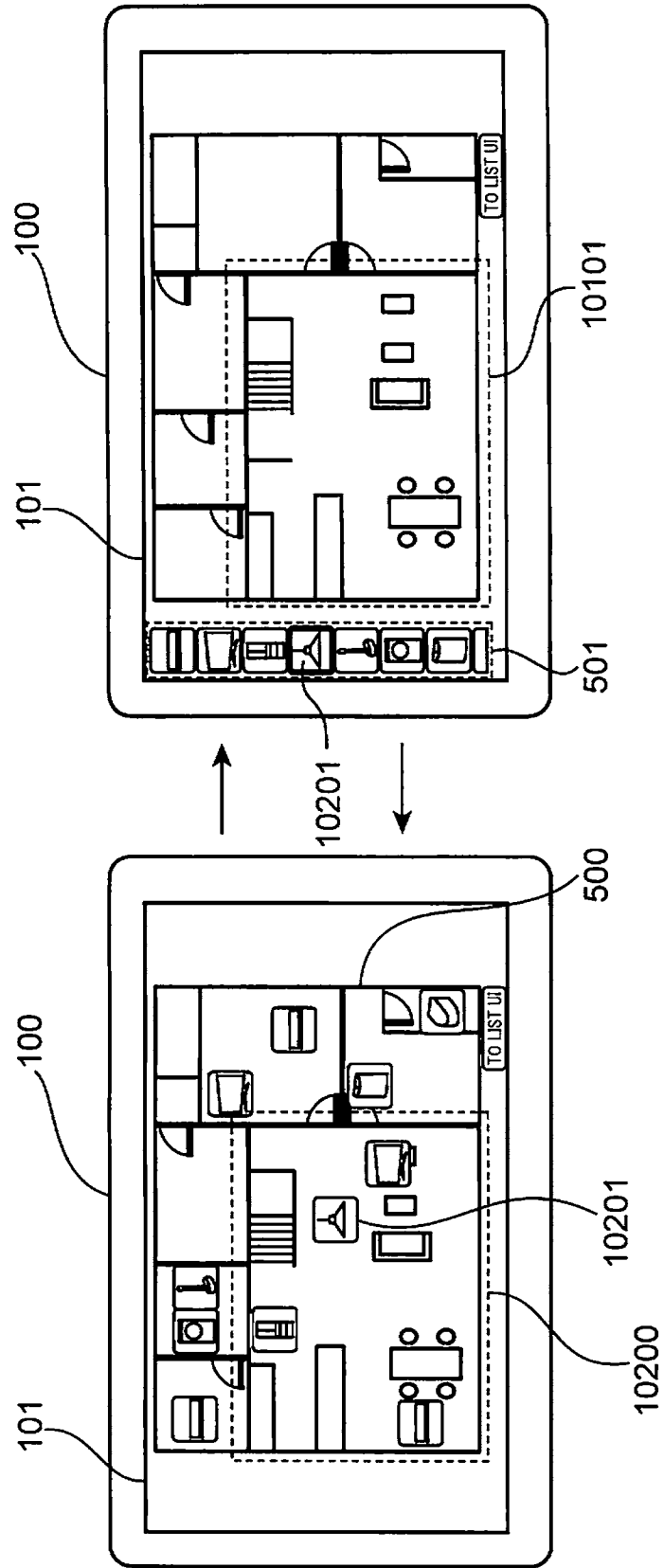


FIG. 74

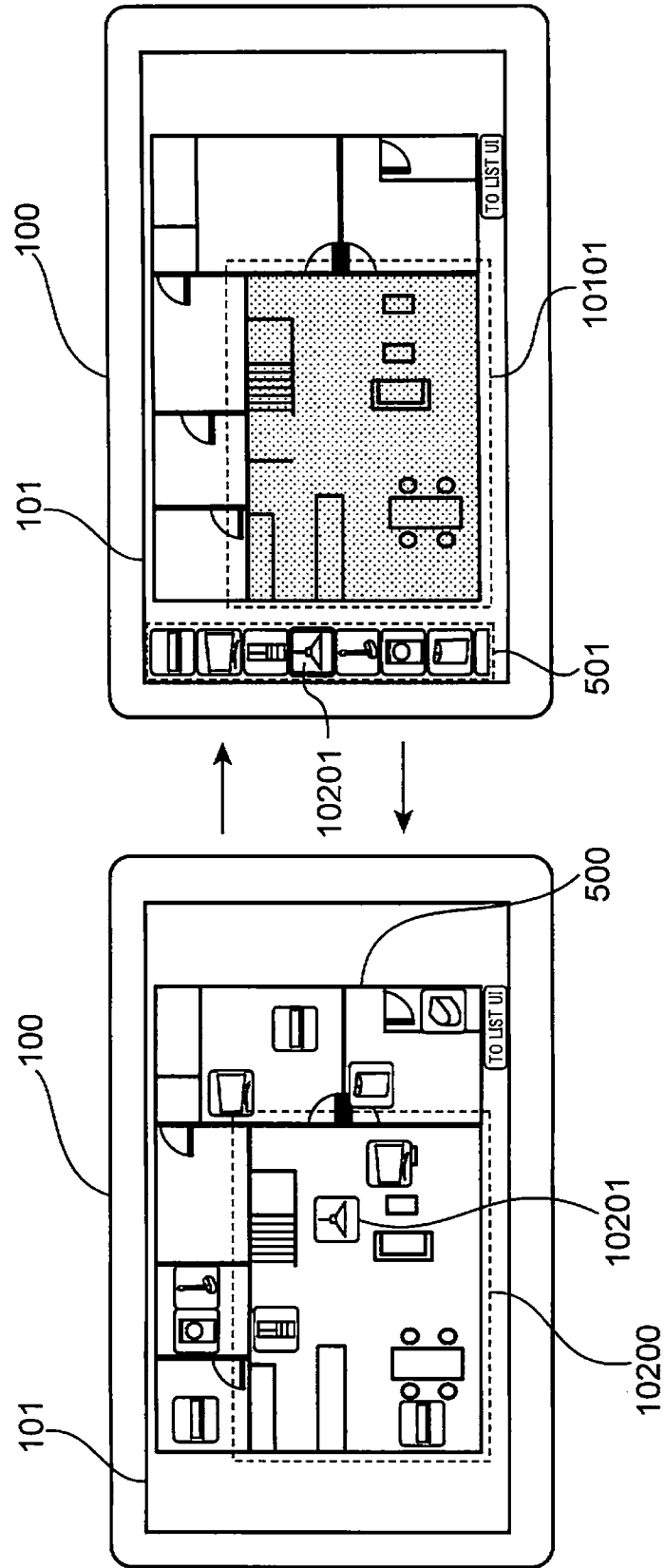


FIG. 75

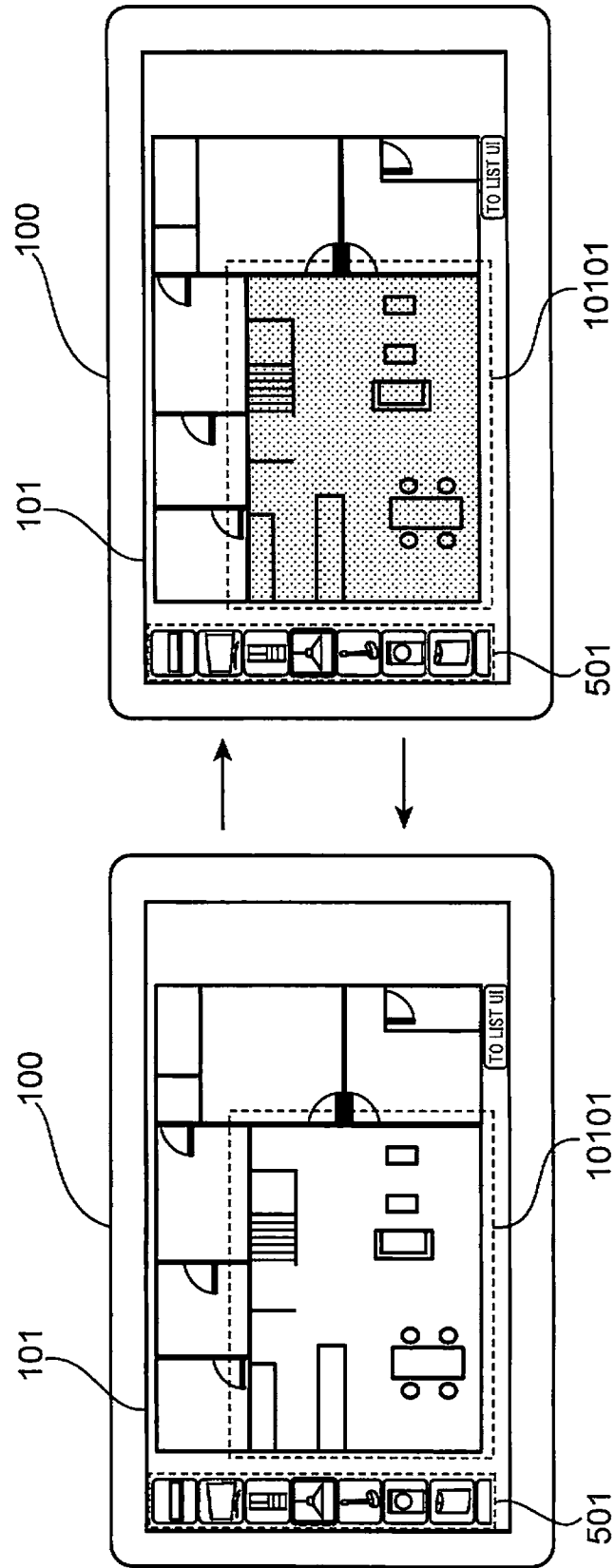


FIG. 76

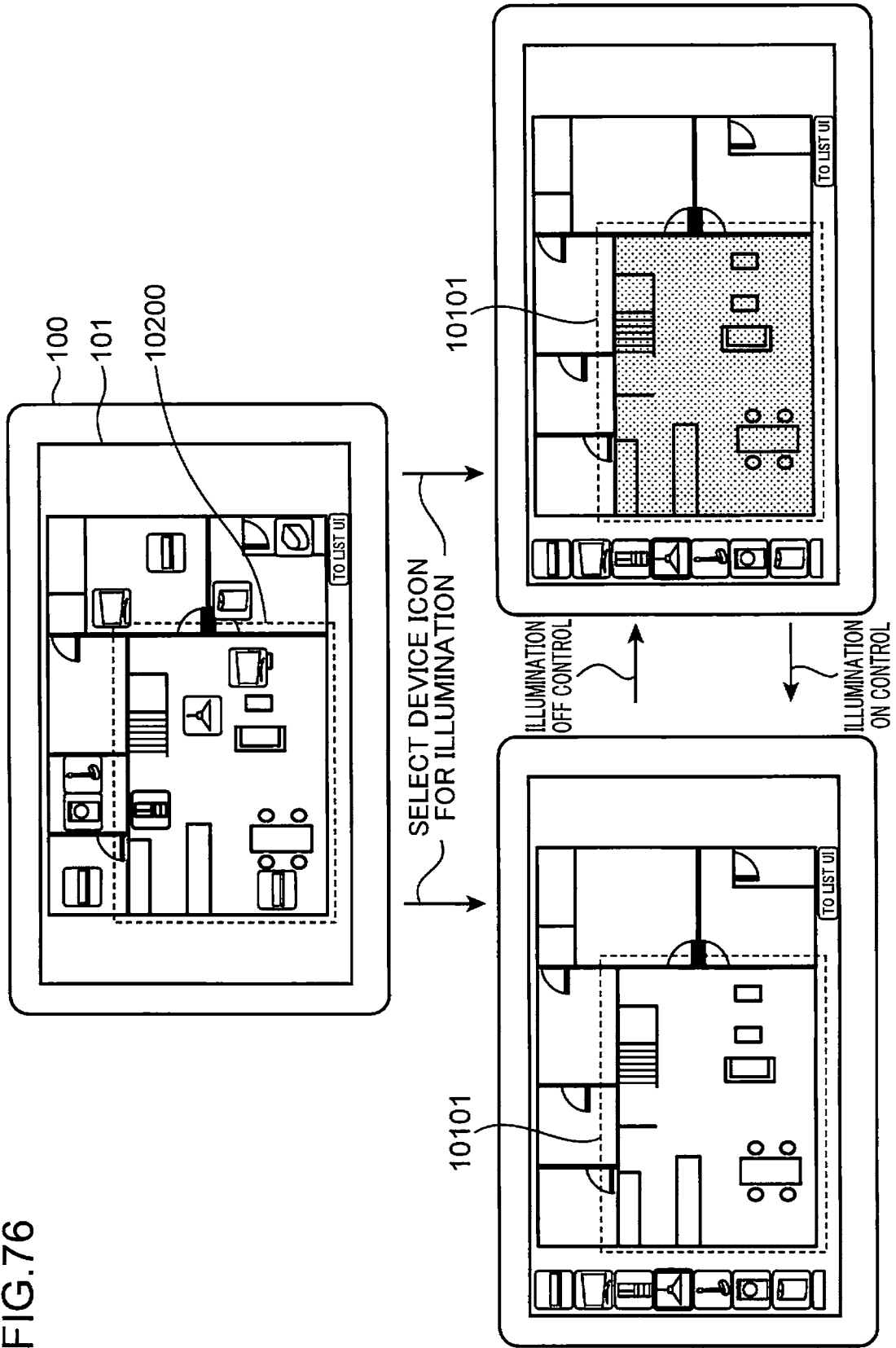


FIG. 77

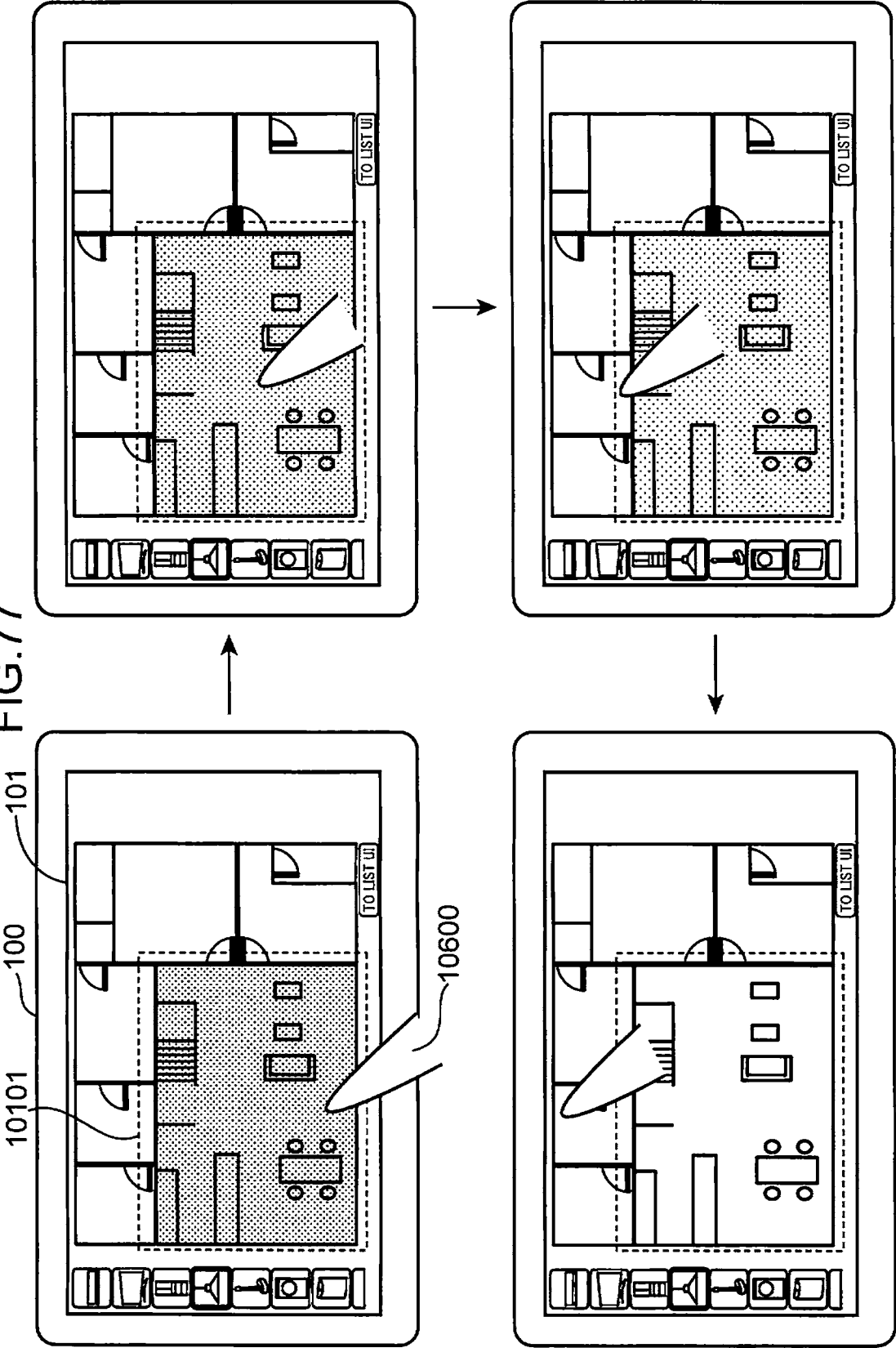


FIG. 78

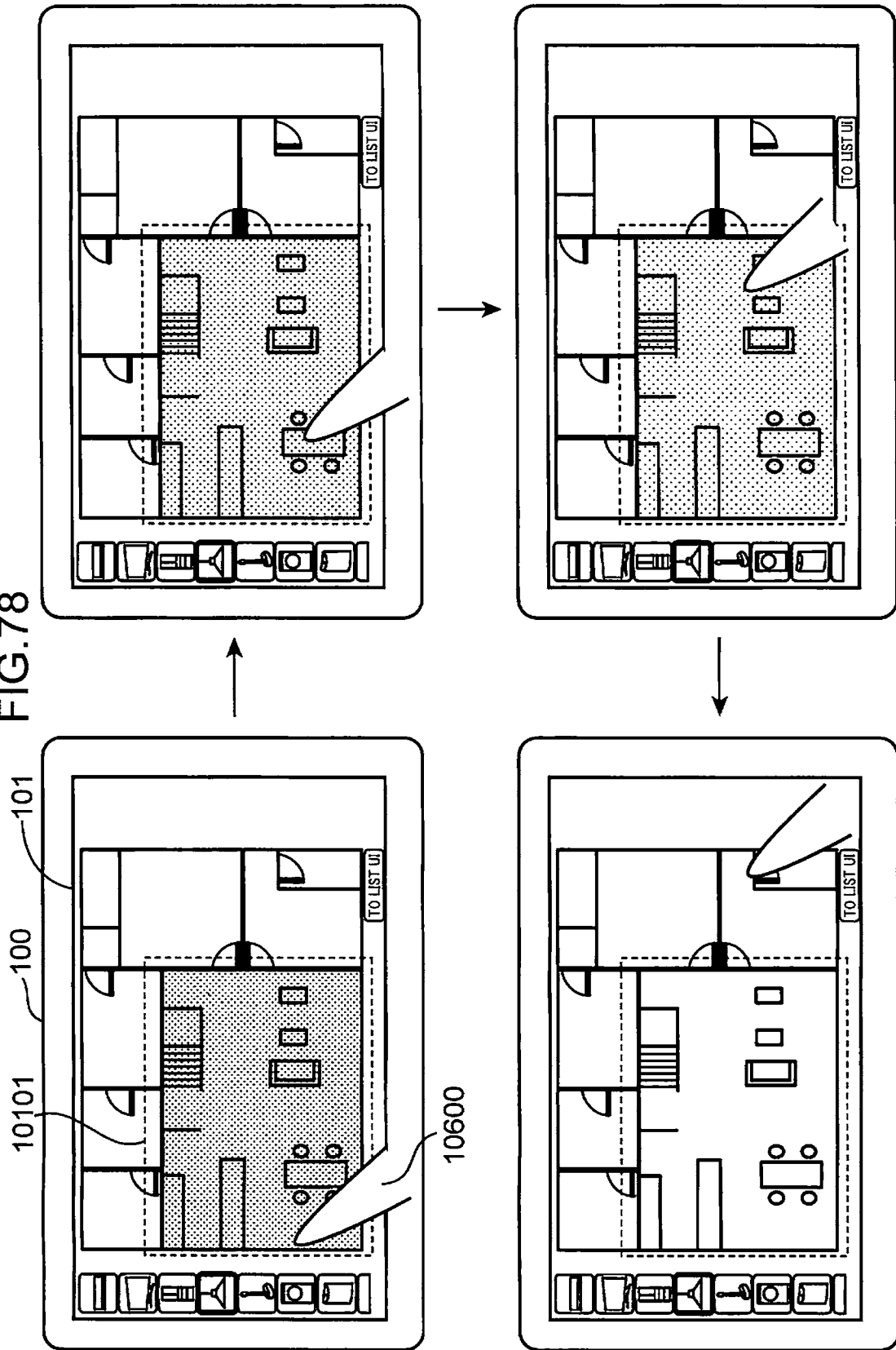


FIG.79

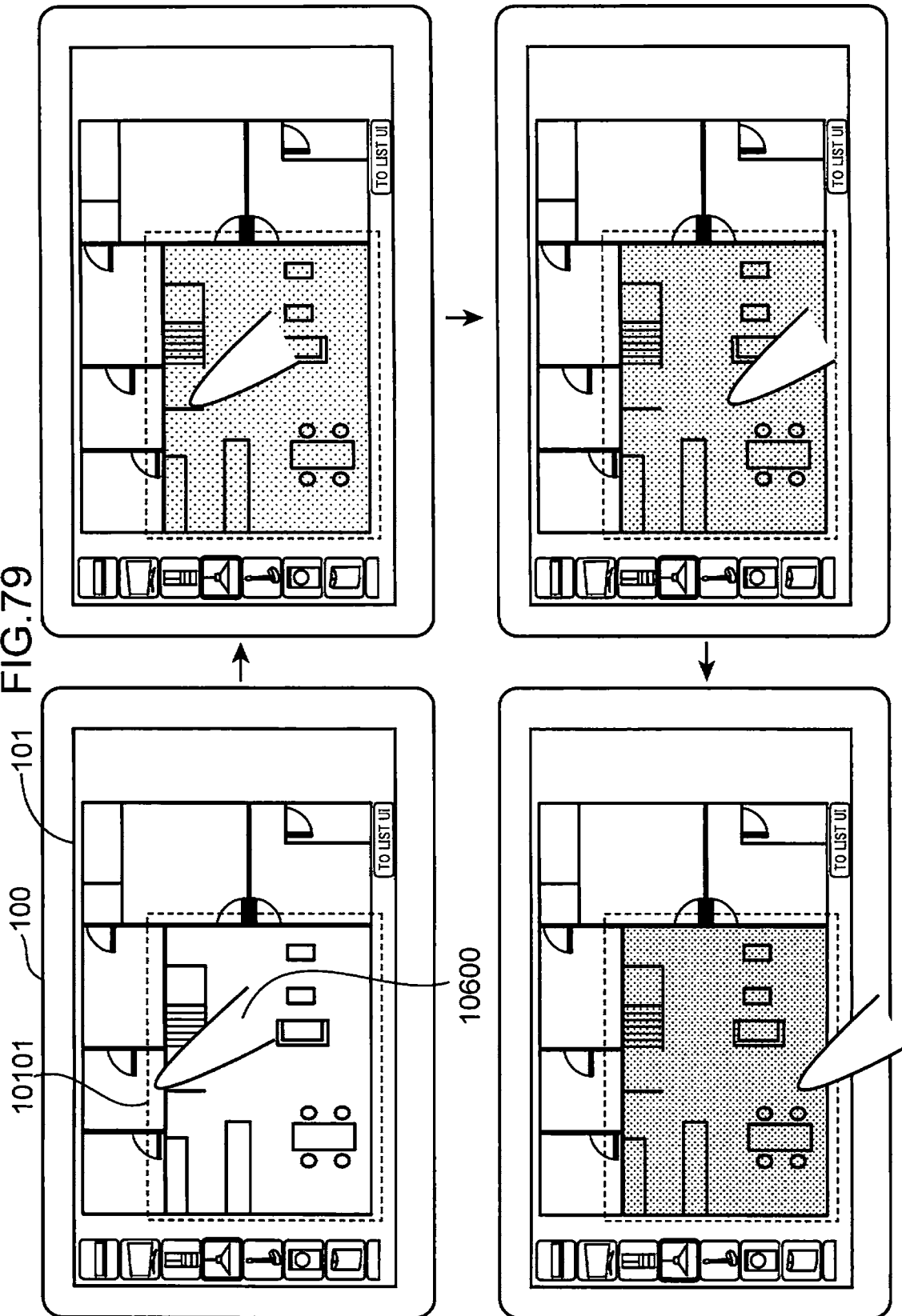


FIG.80

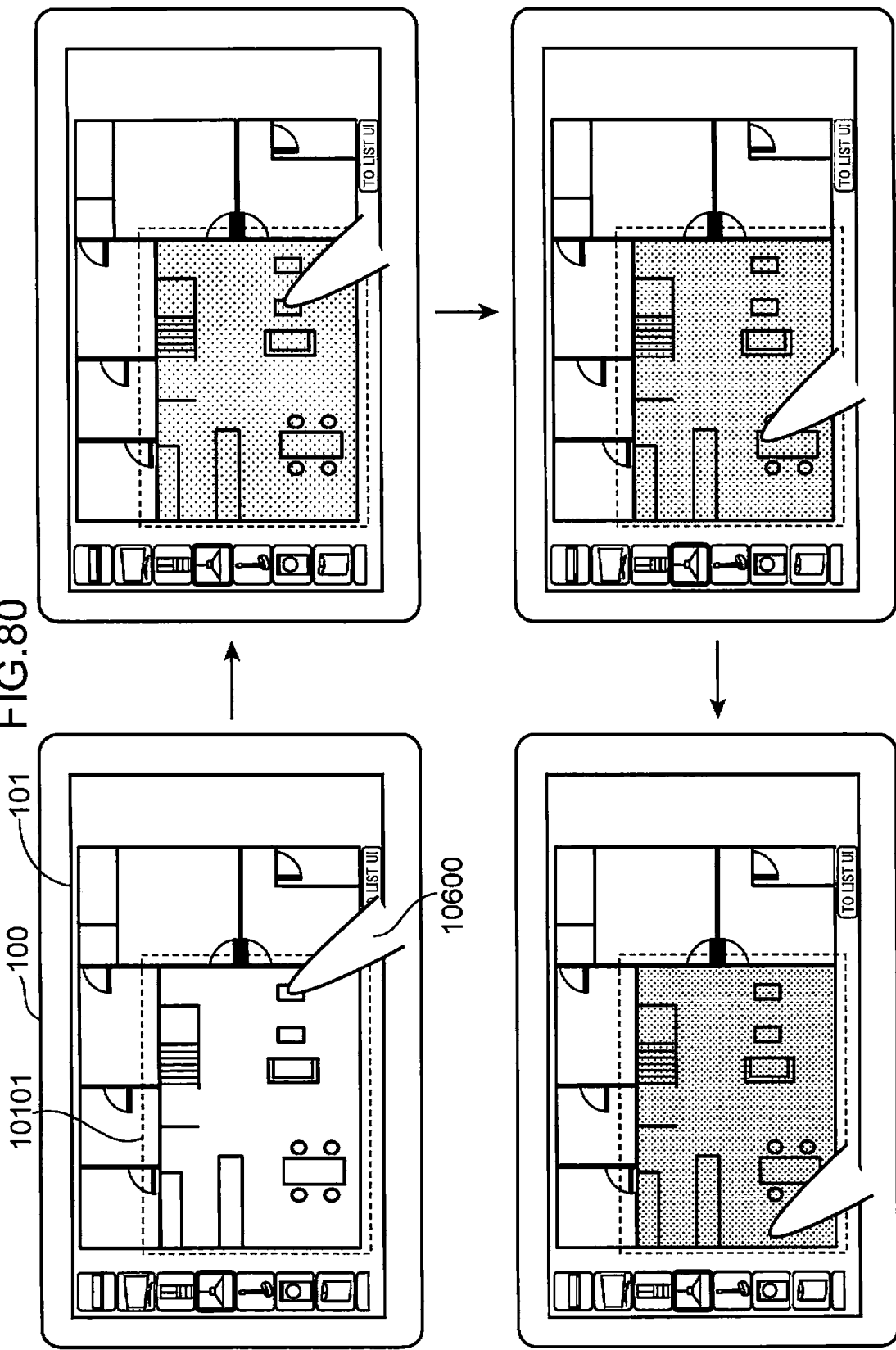


FIG.81

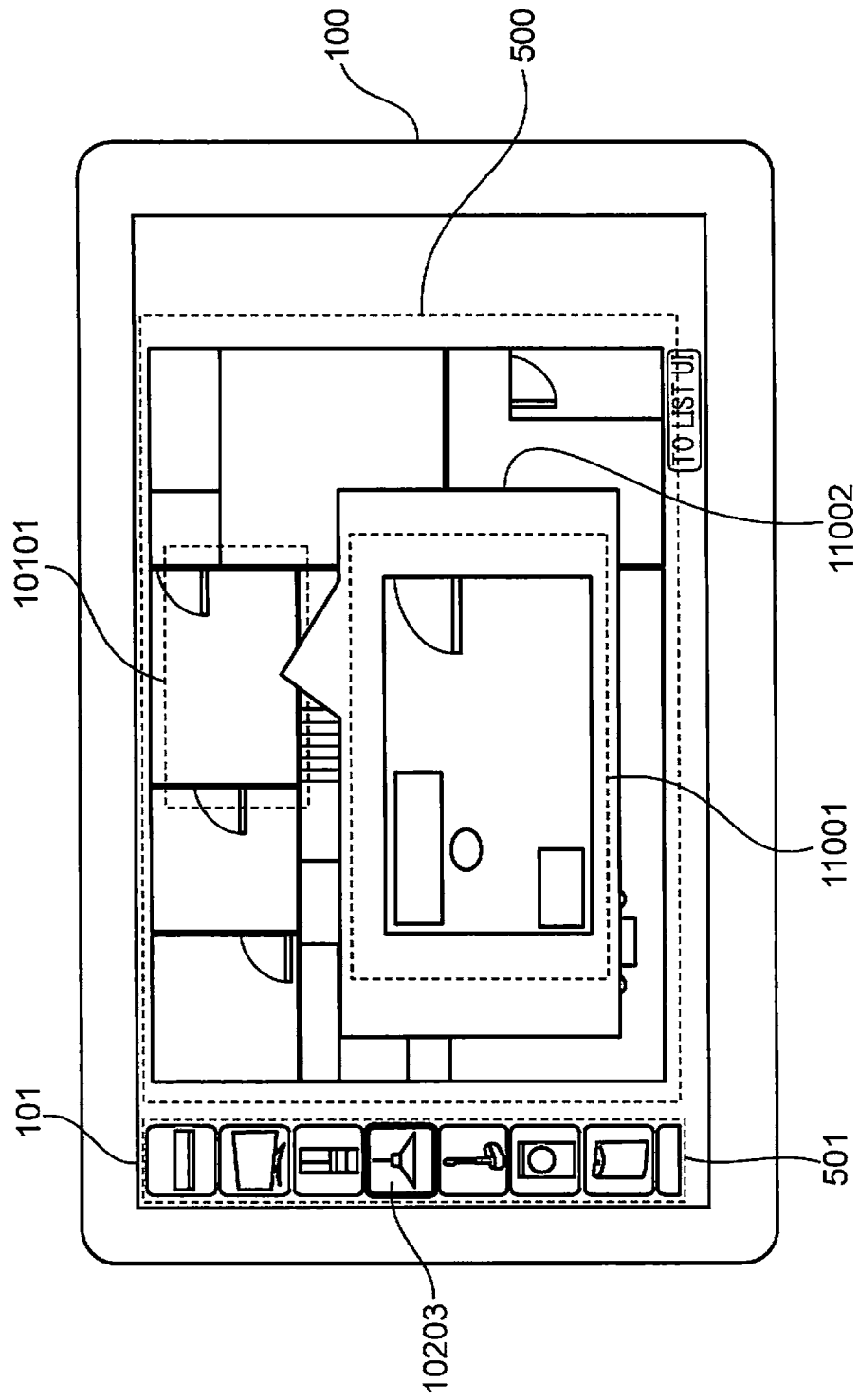


FIG.82

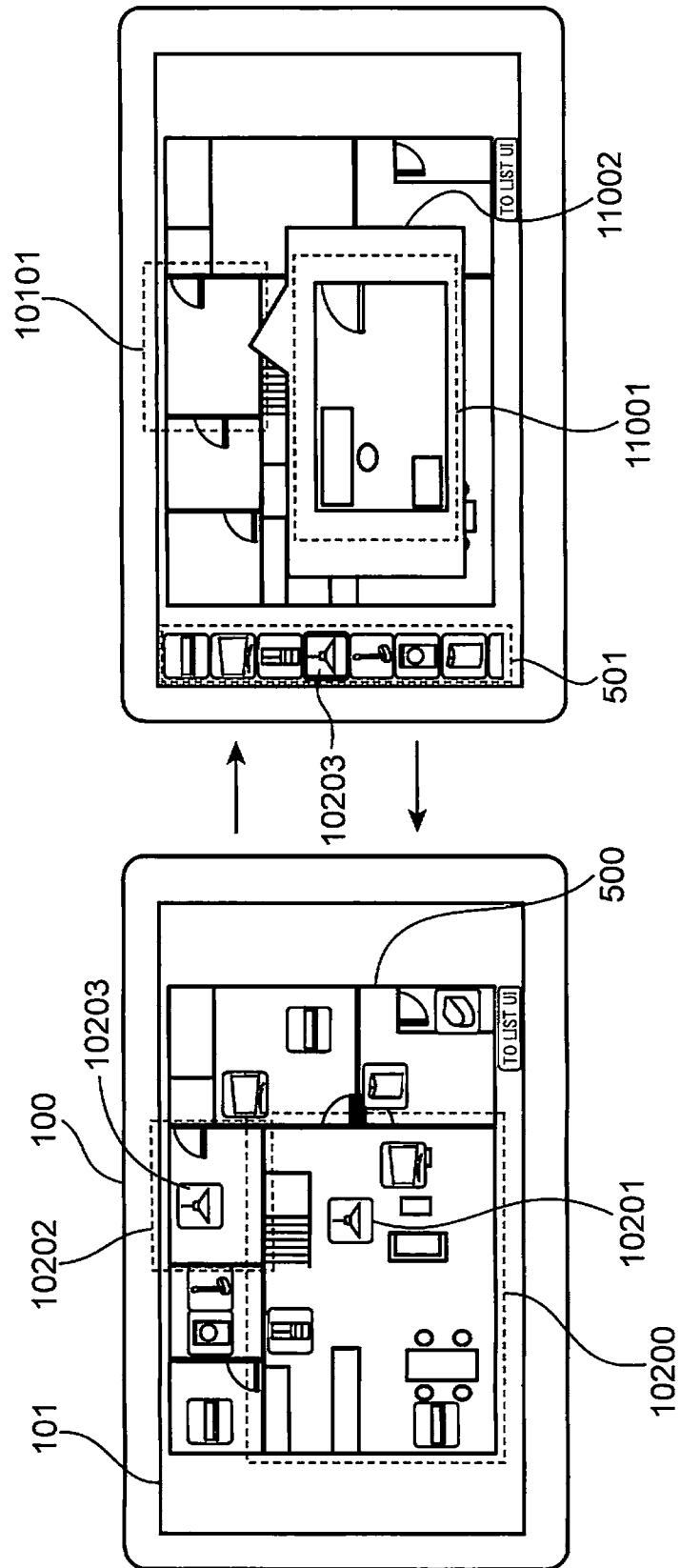
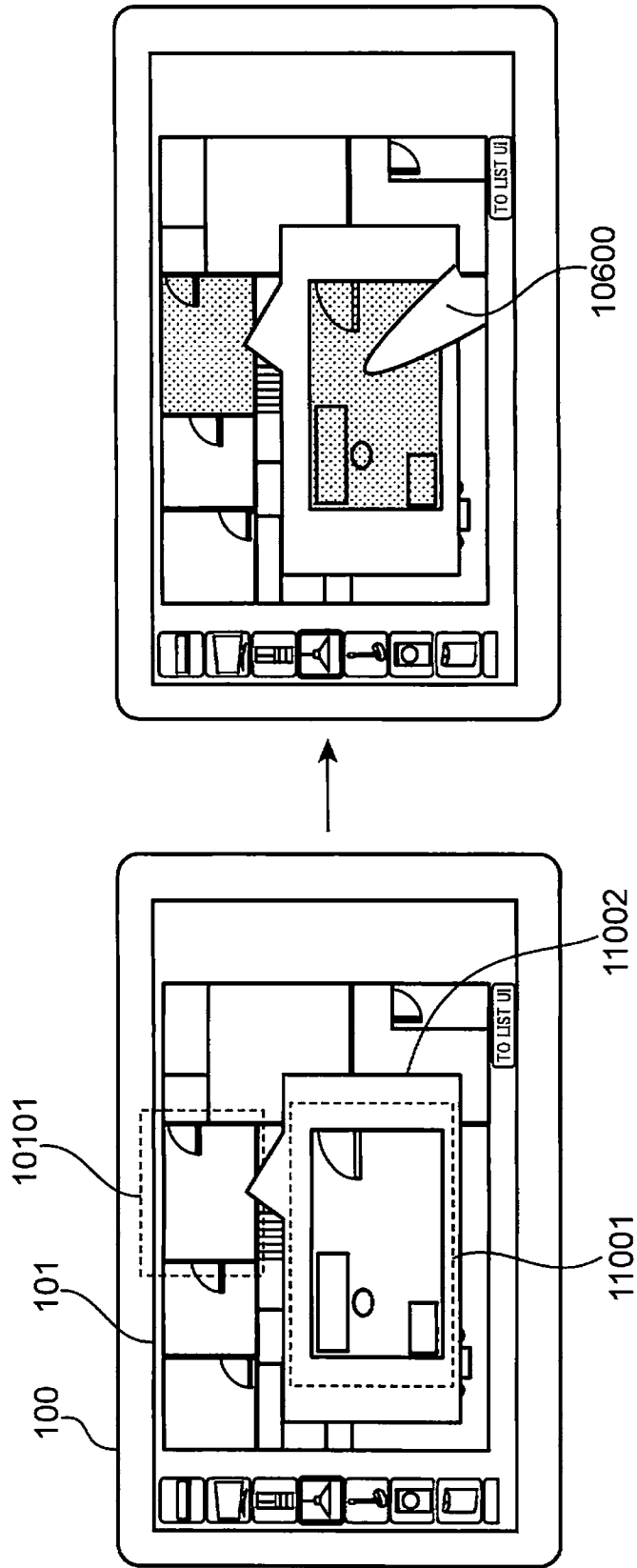
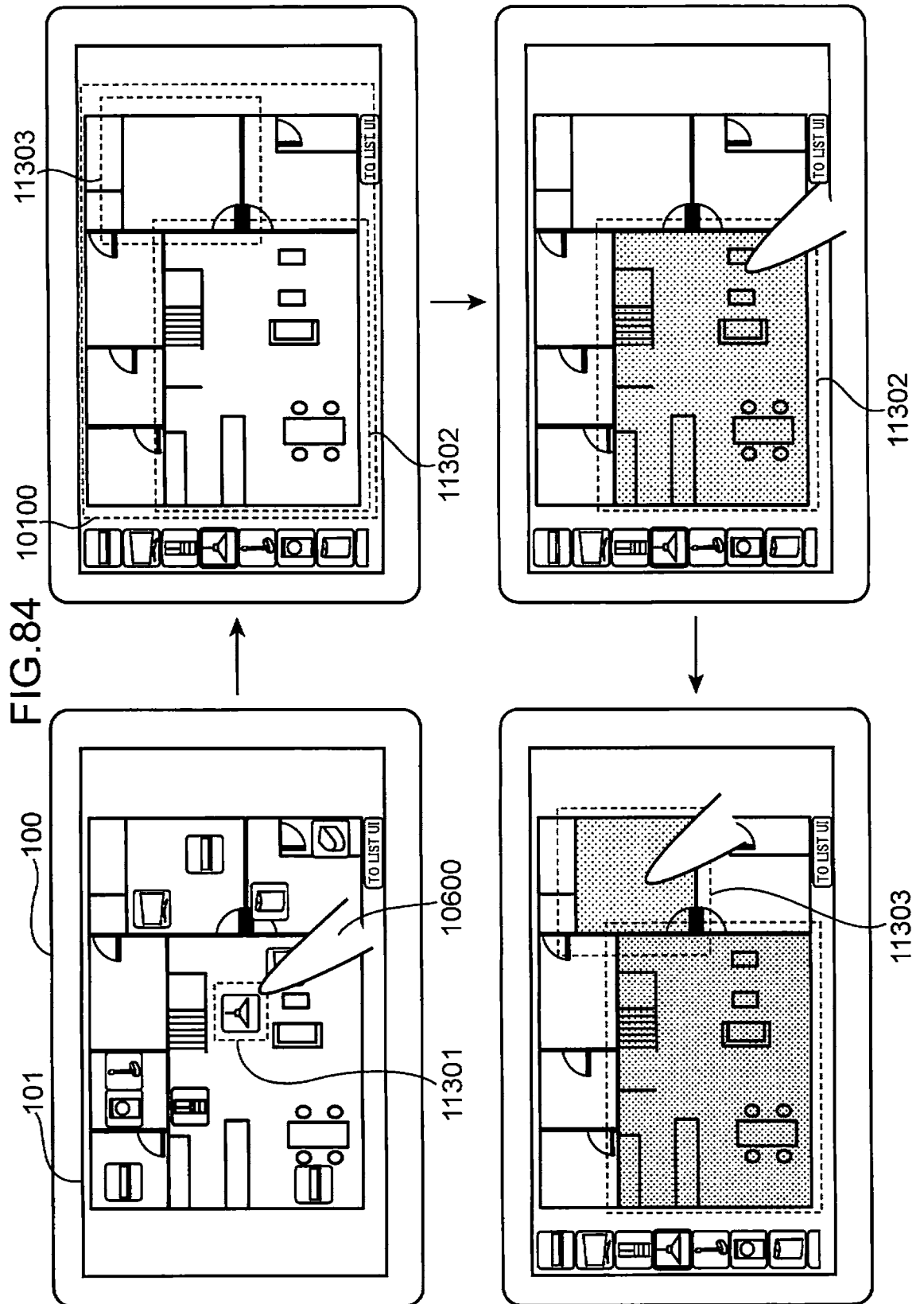


FIG.83





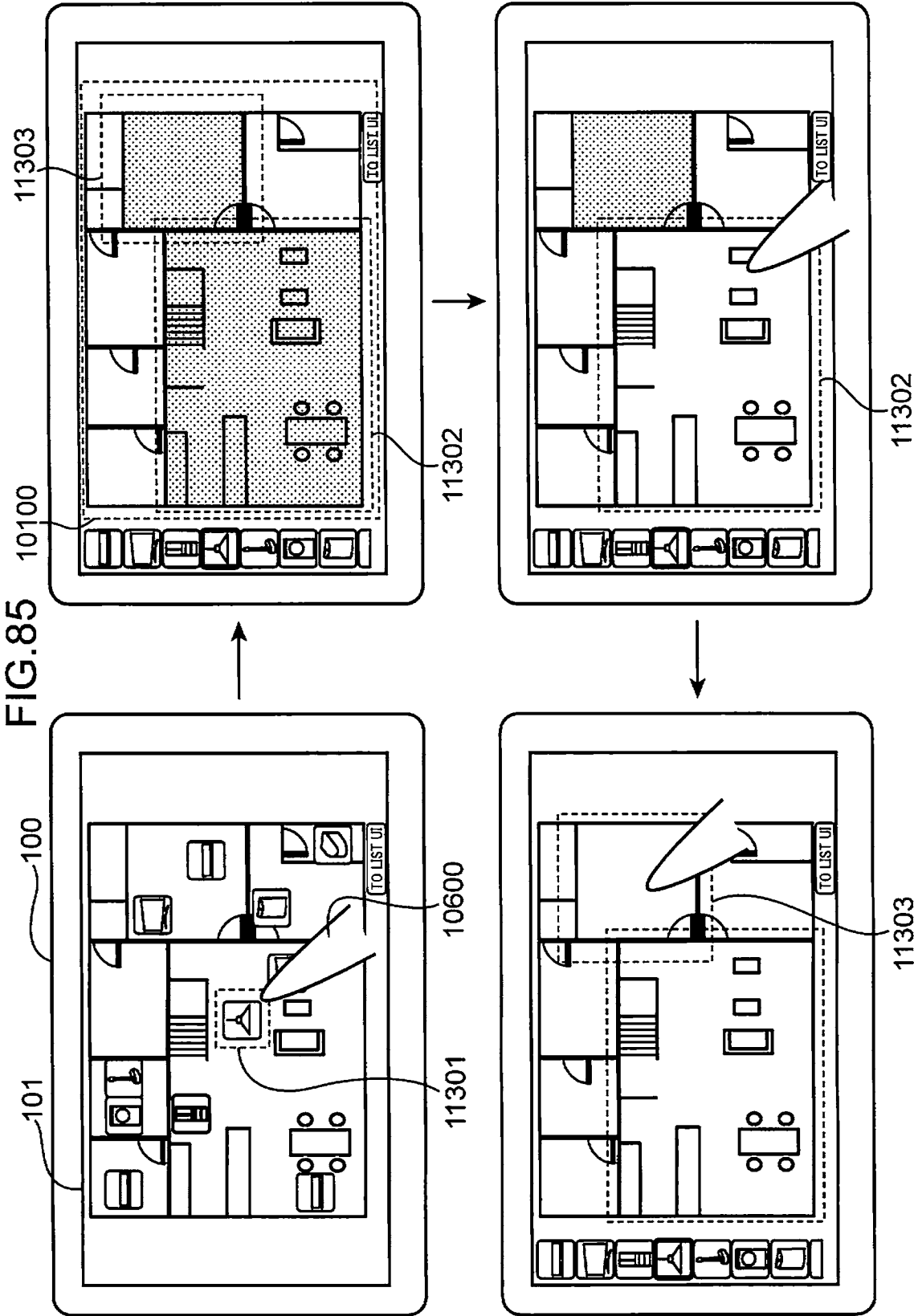


FIG. 86

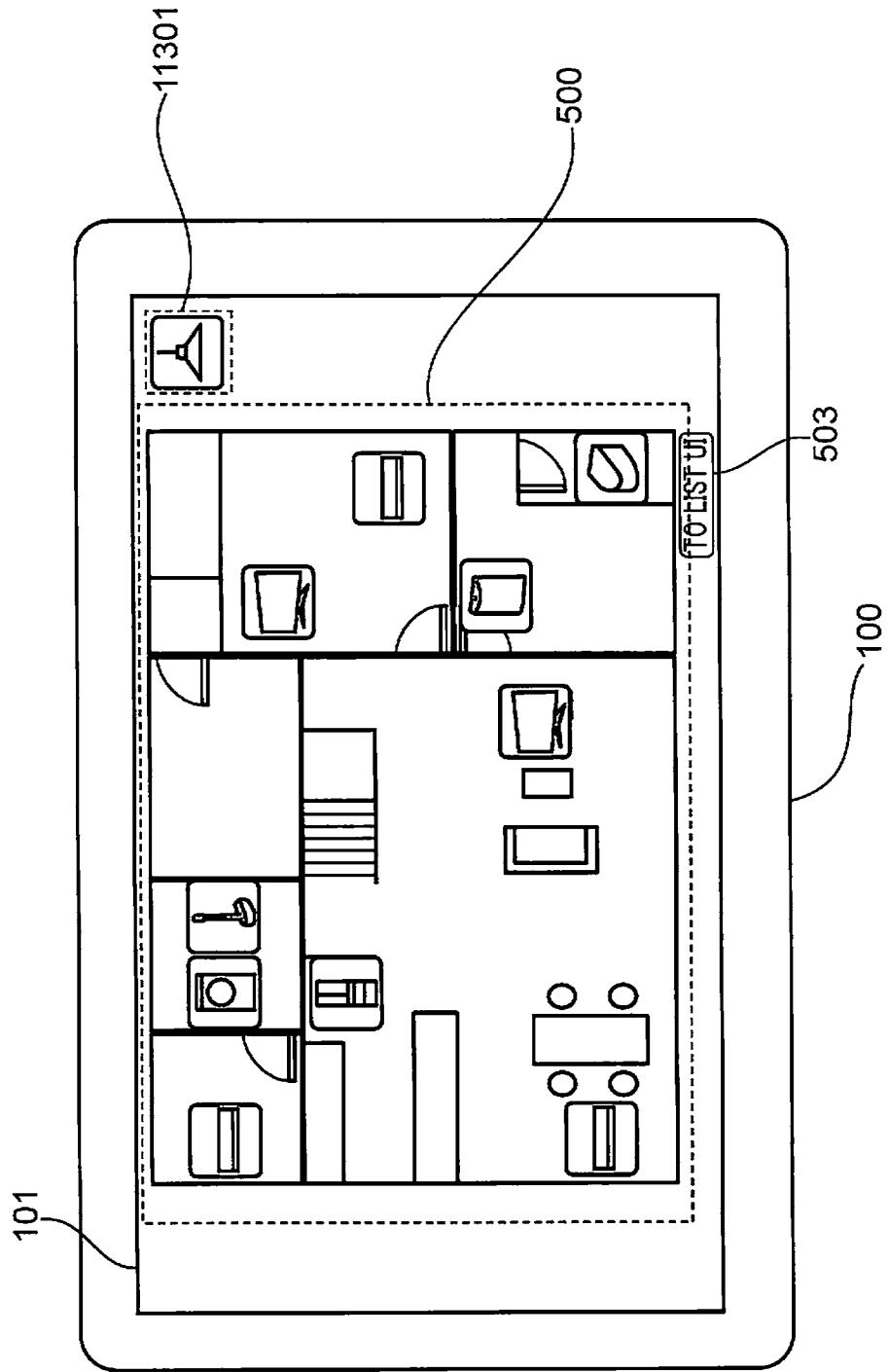


FIG.87

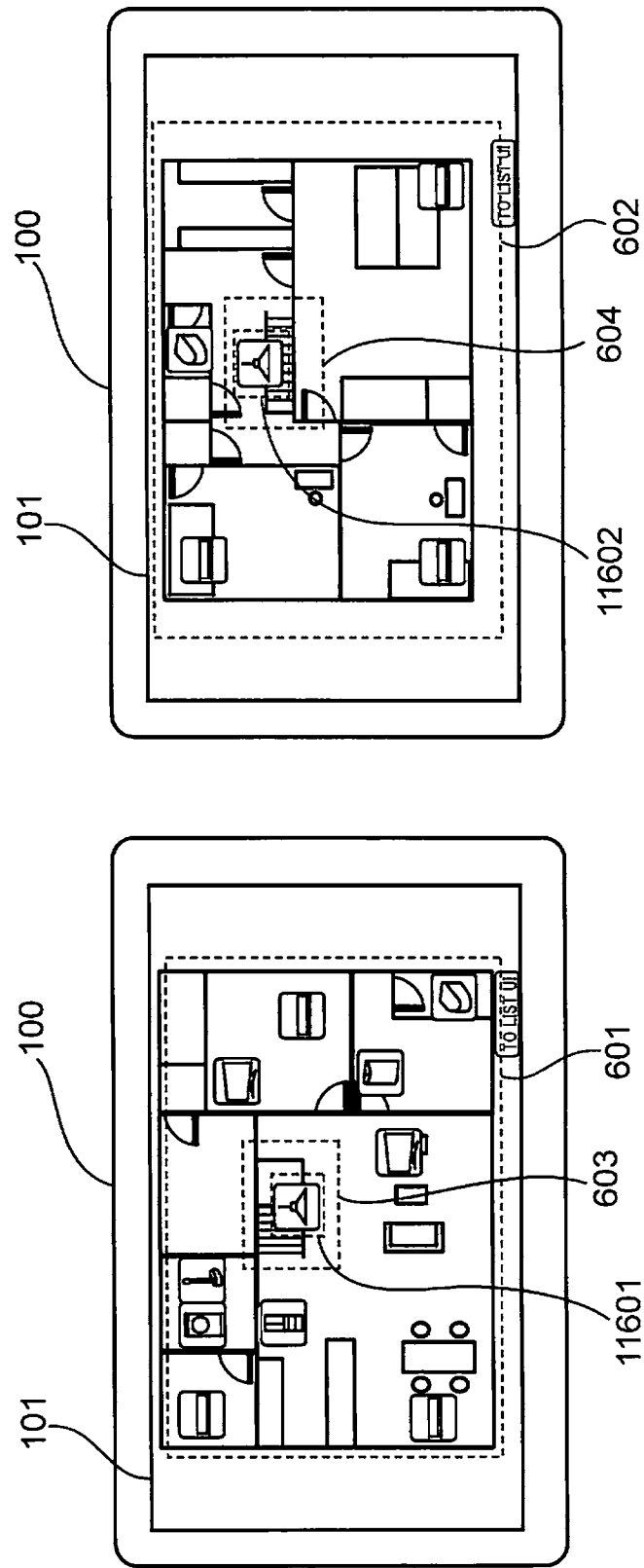


FIG.88

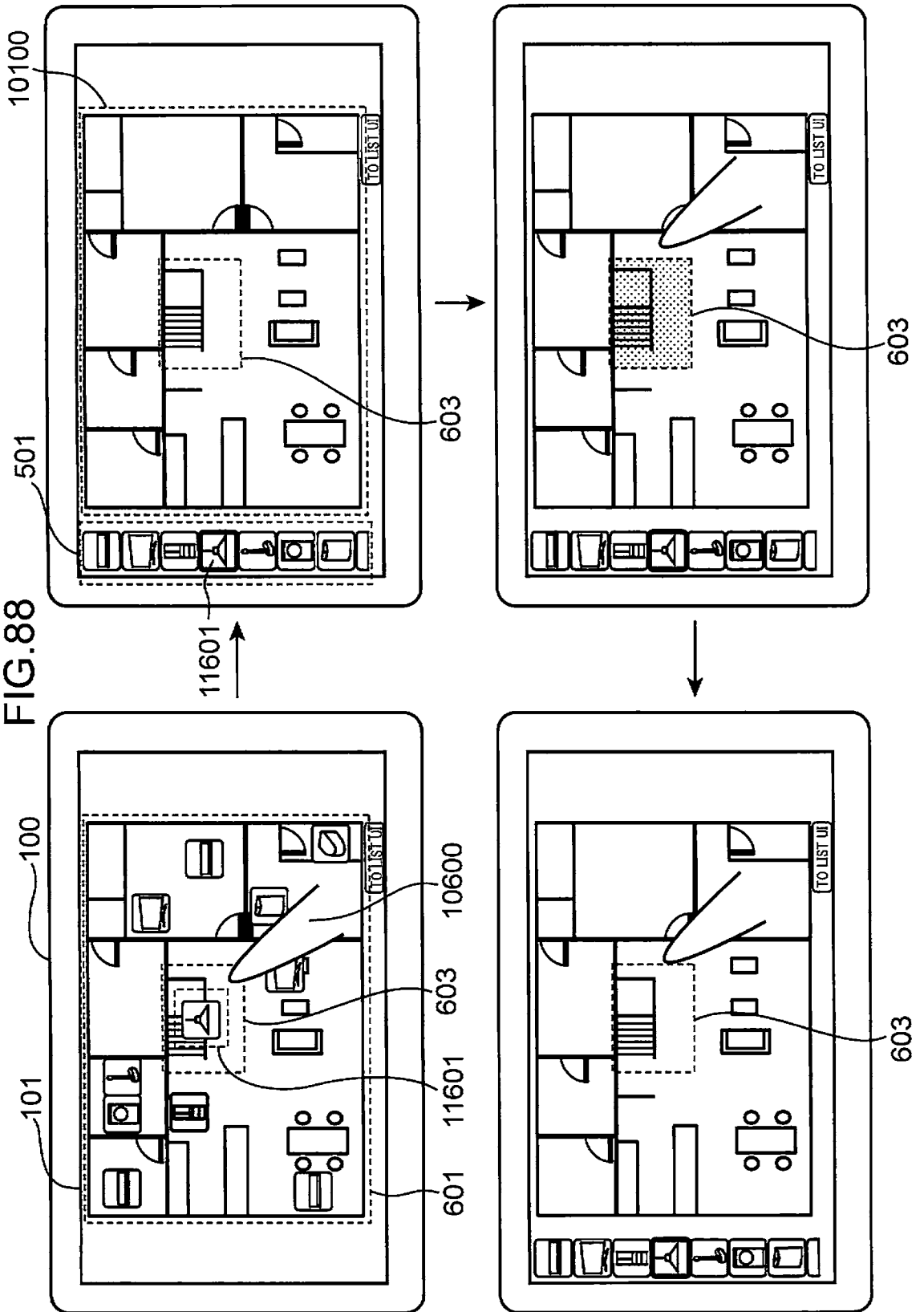


FIG. 89

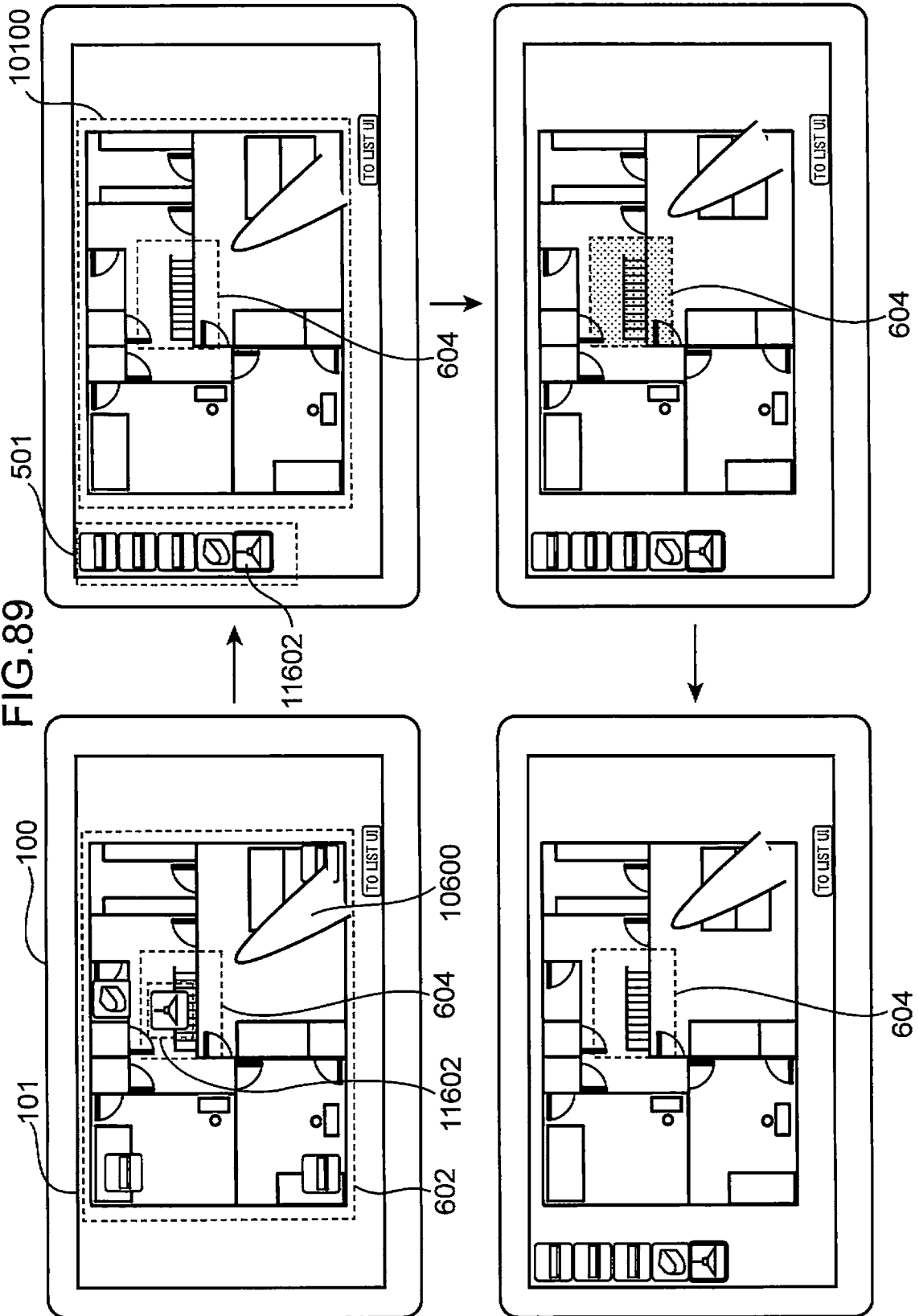
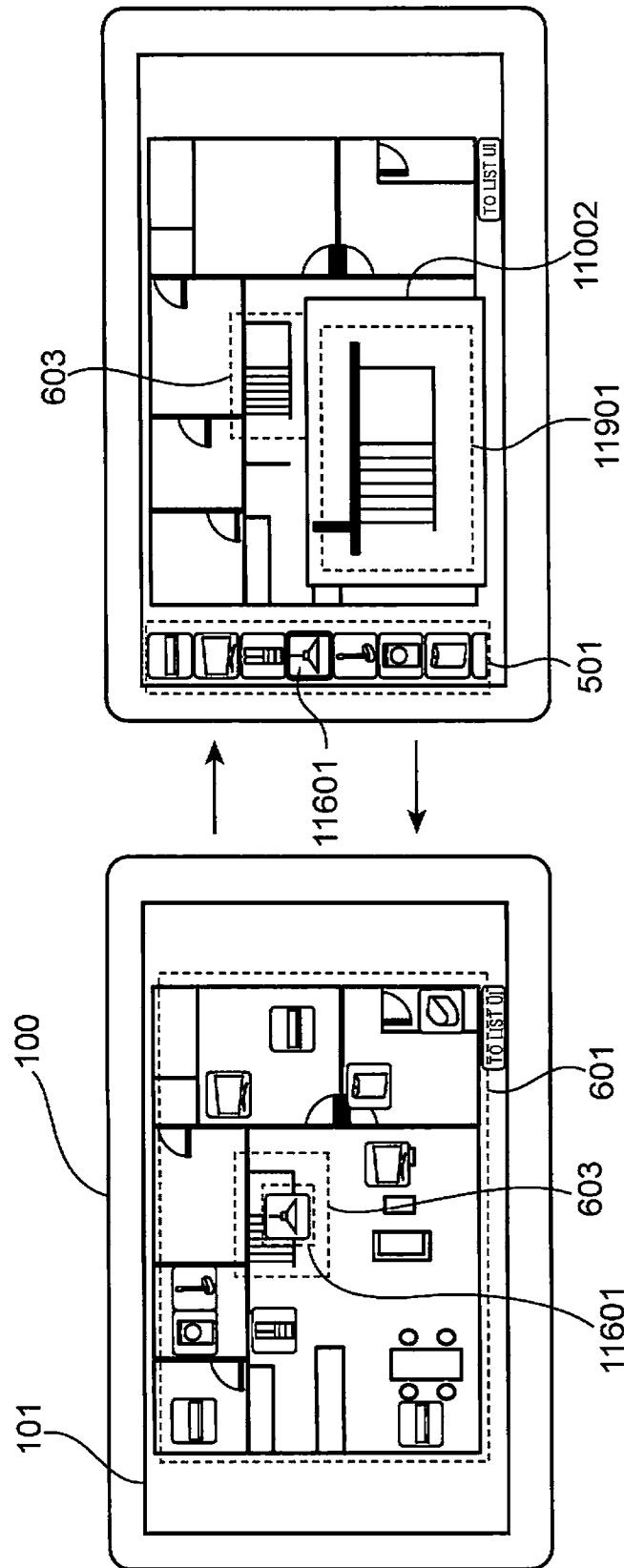


FIG.90



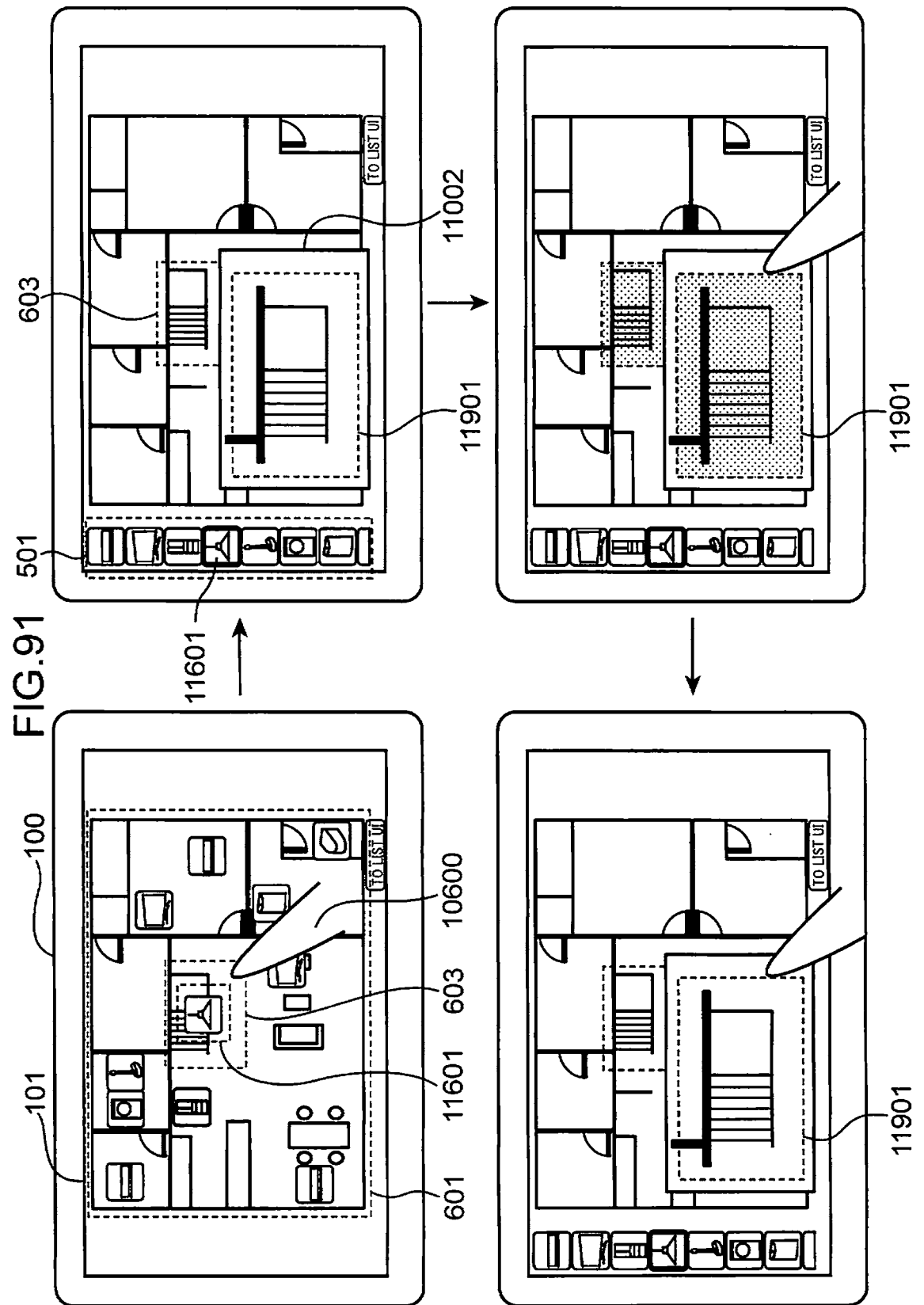


FIG. 92

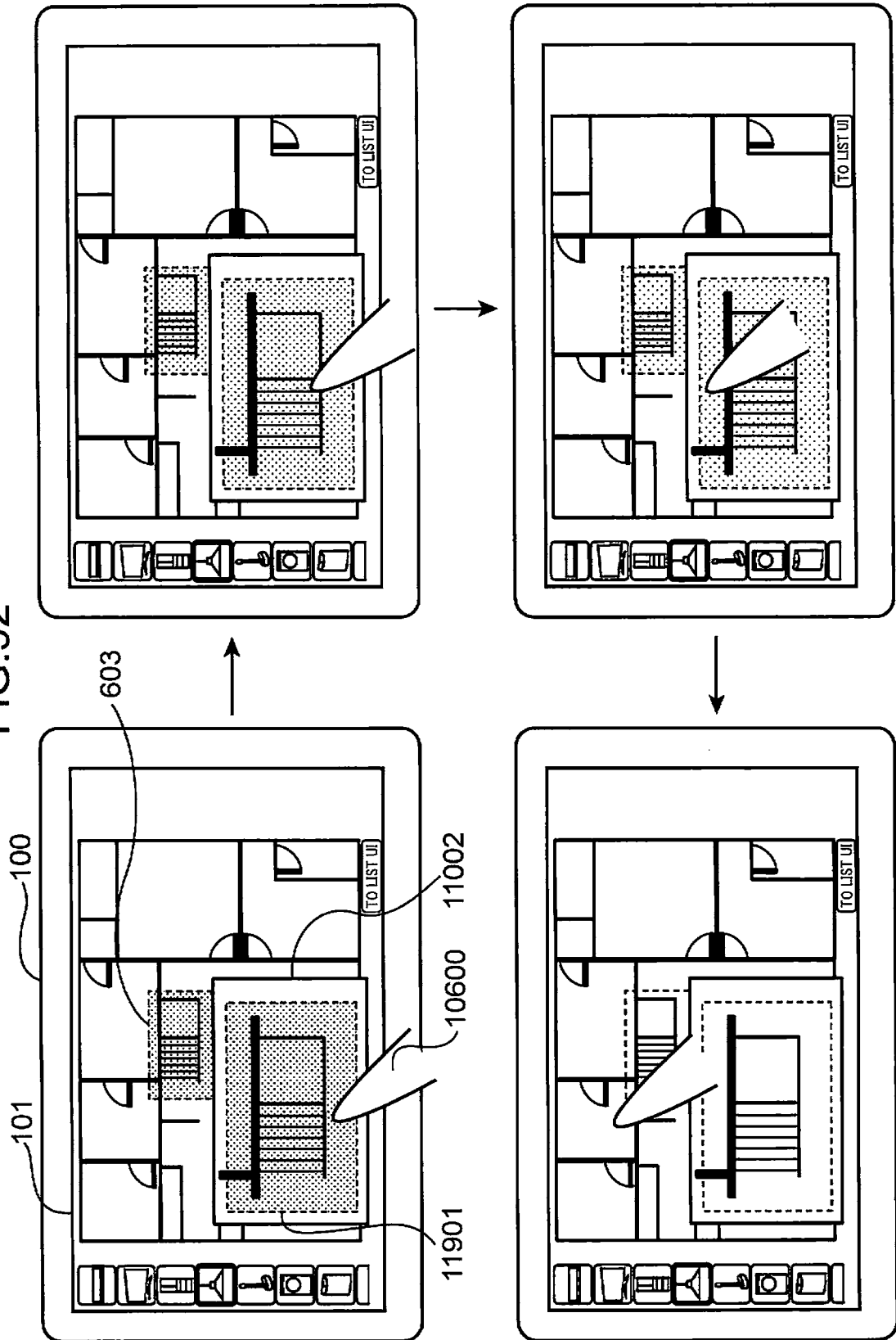


FIG.93A

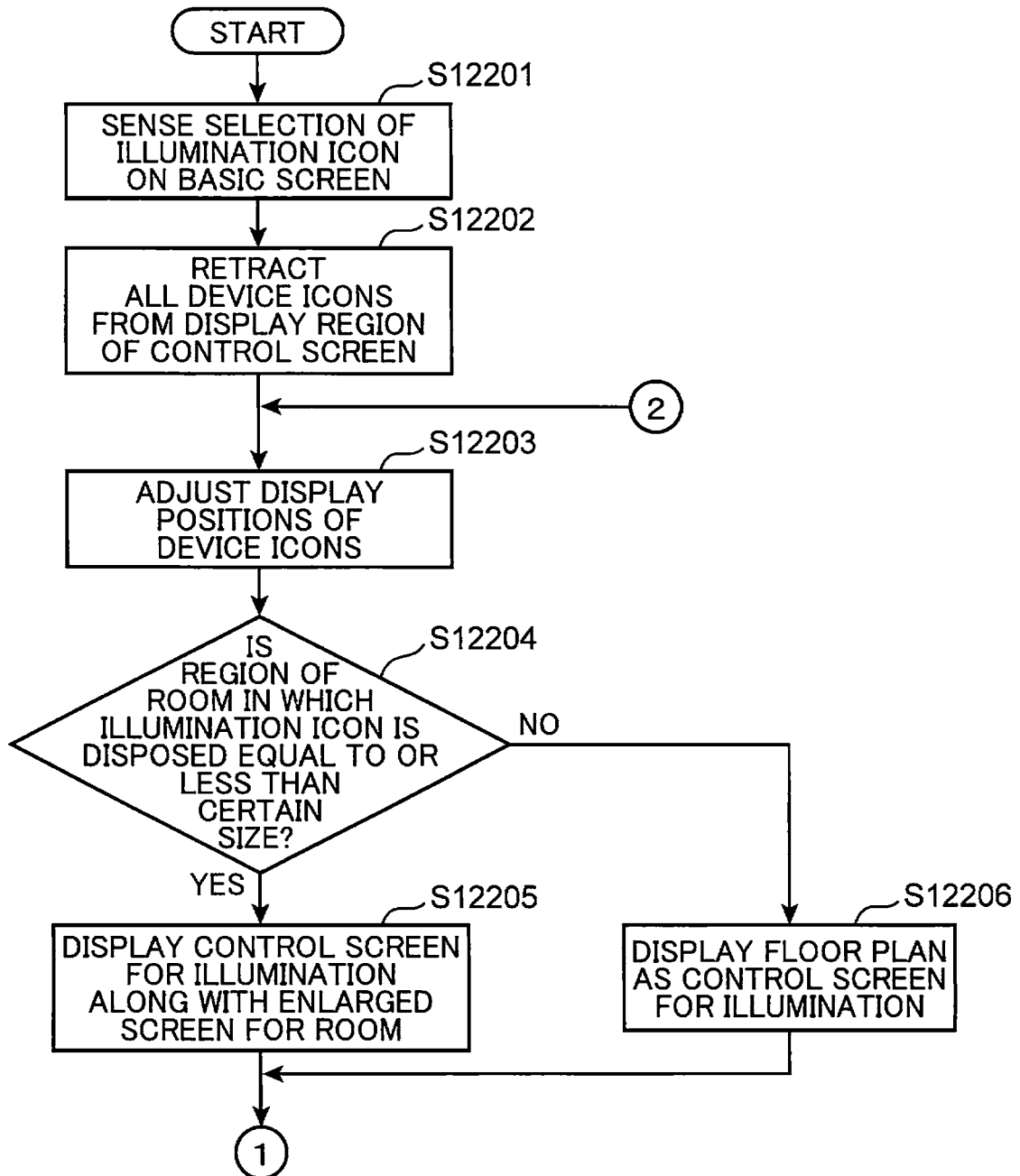


FIG.93B

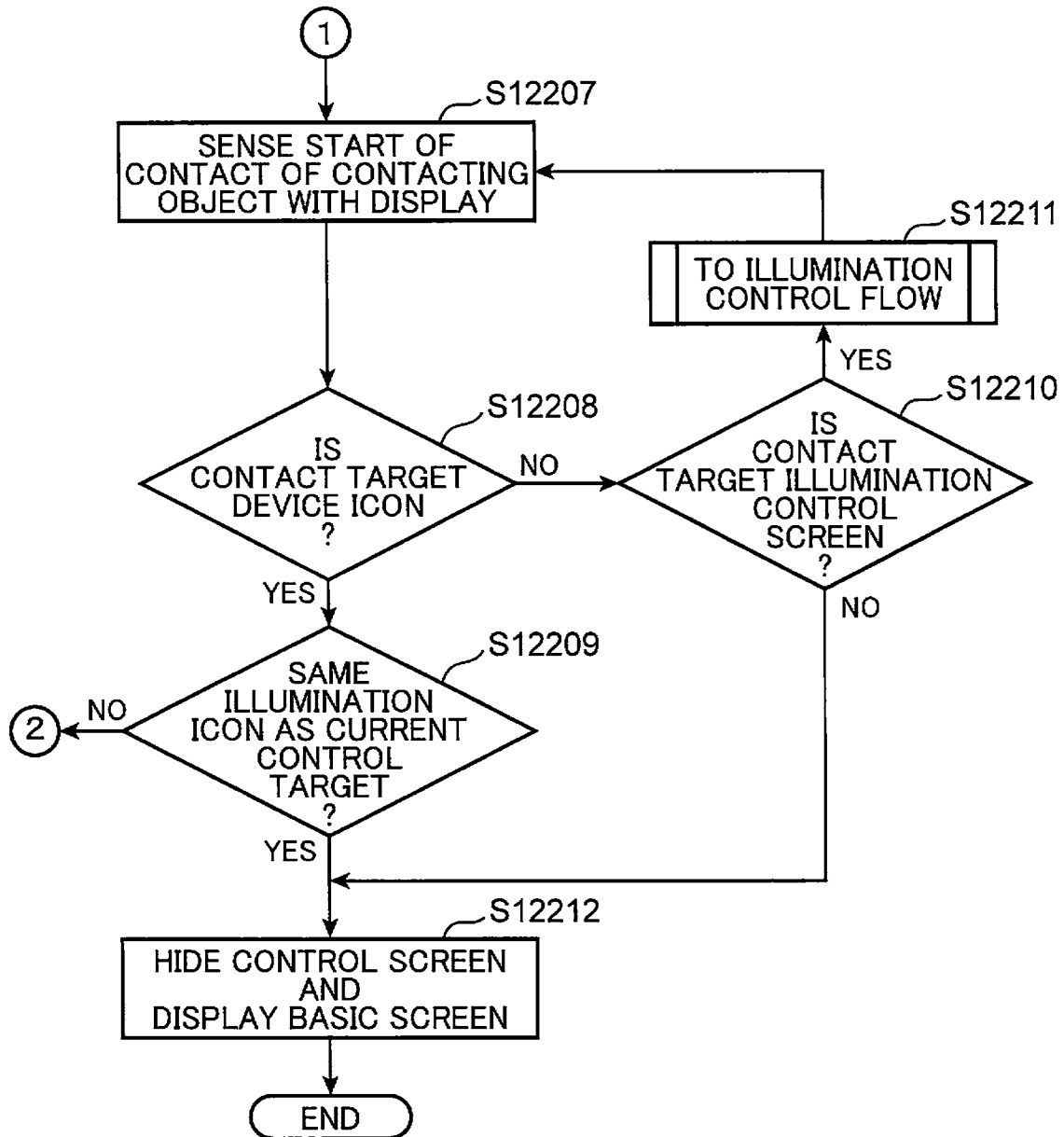


FIG.94

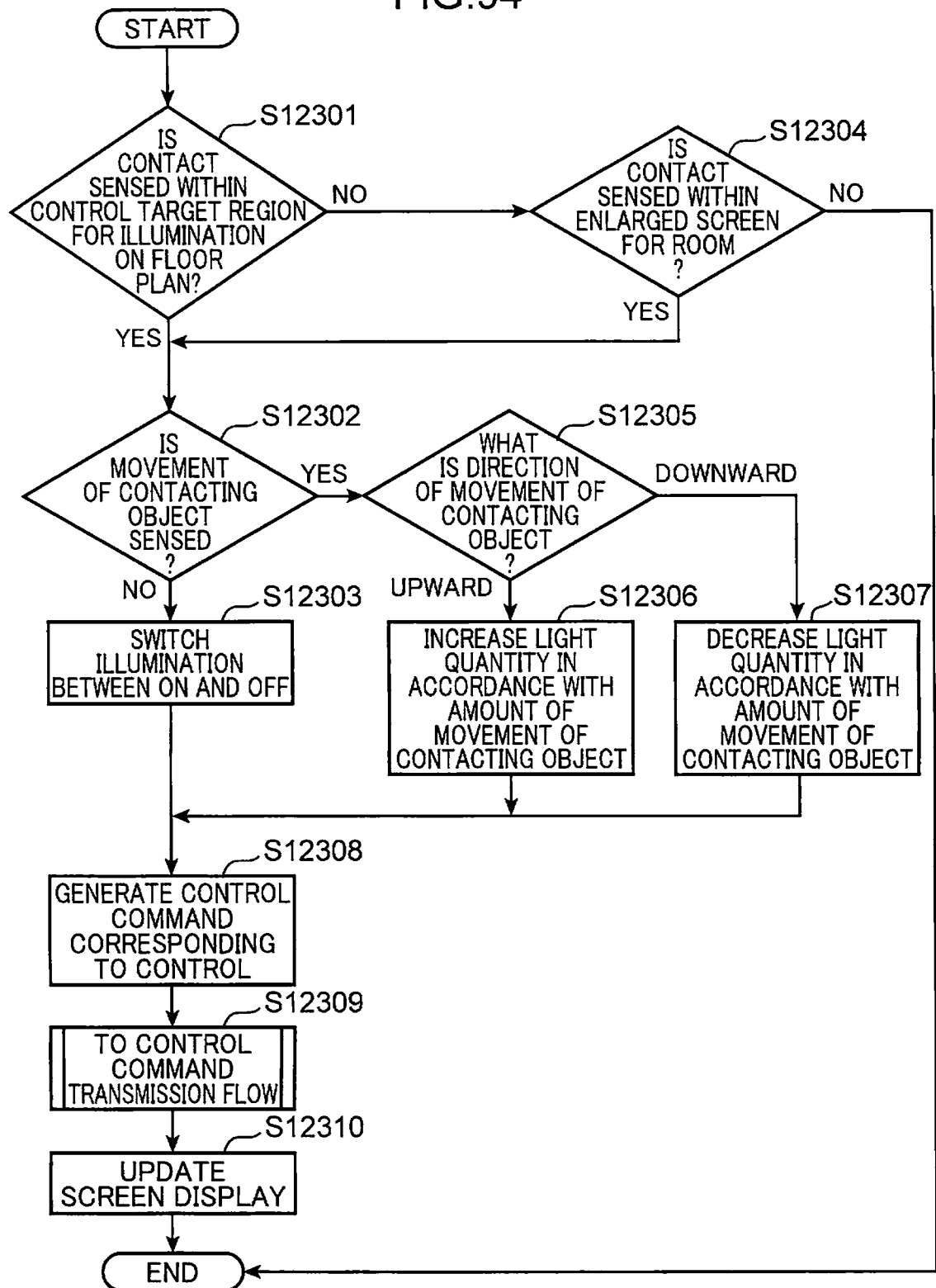


FIG.95

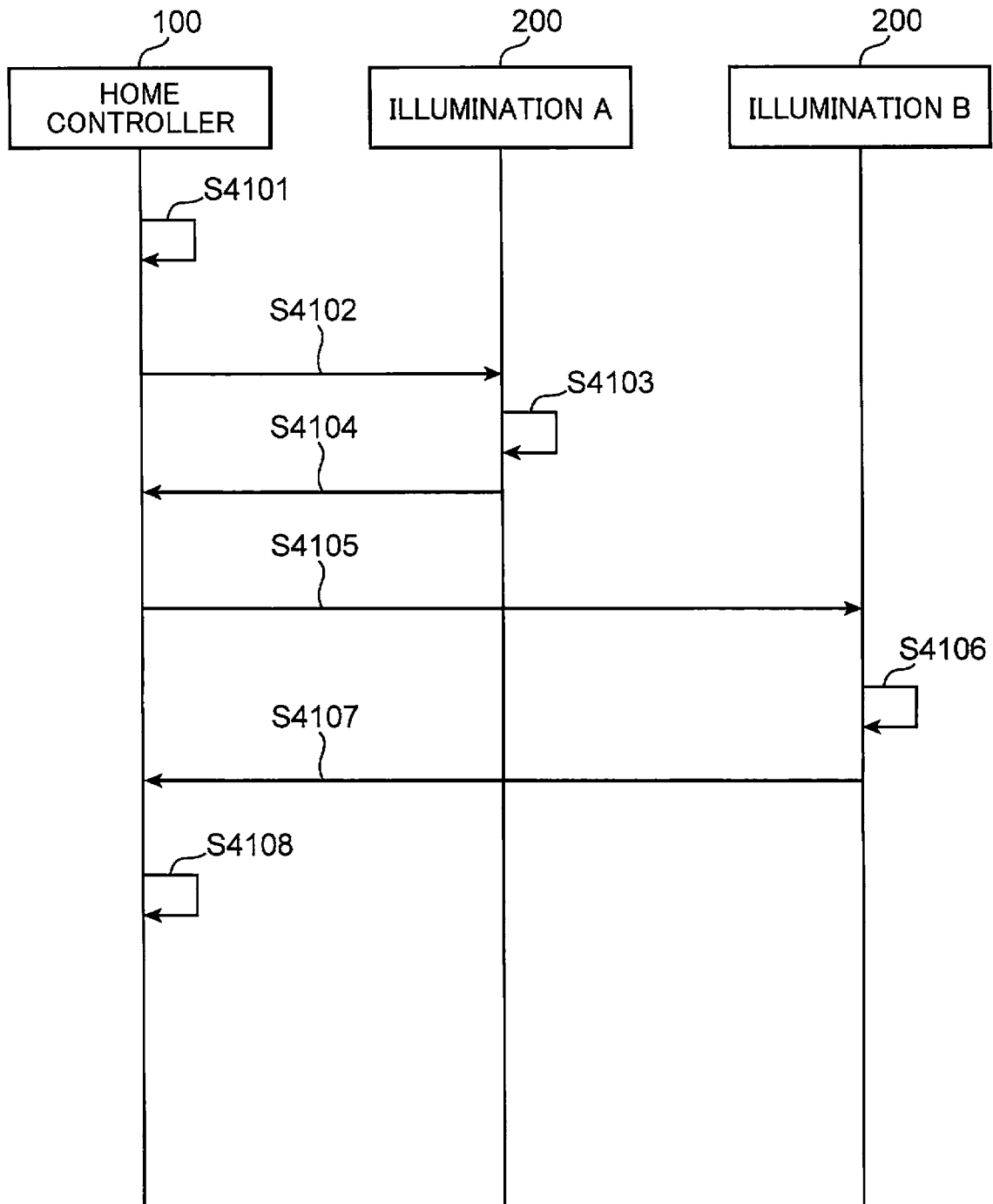


FIG.96

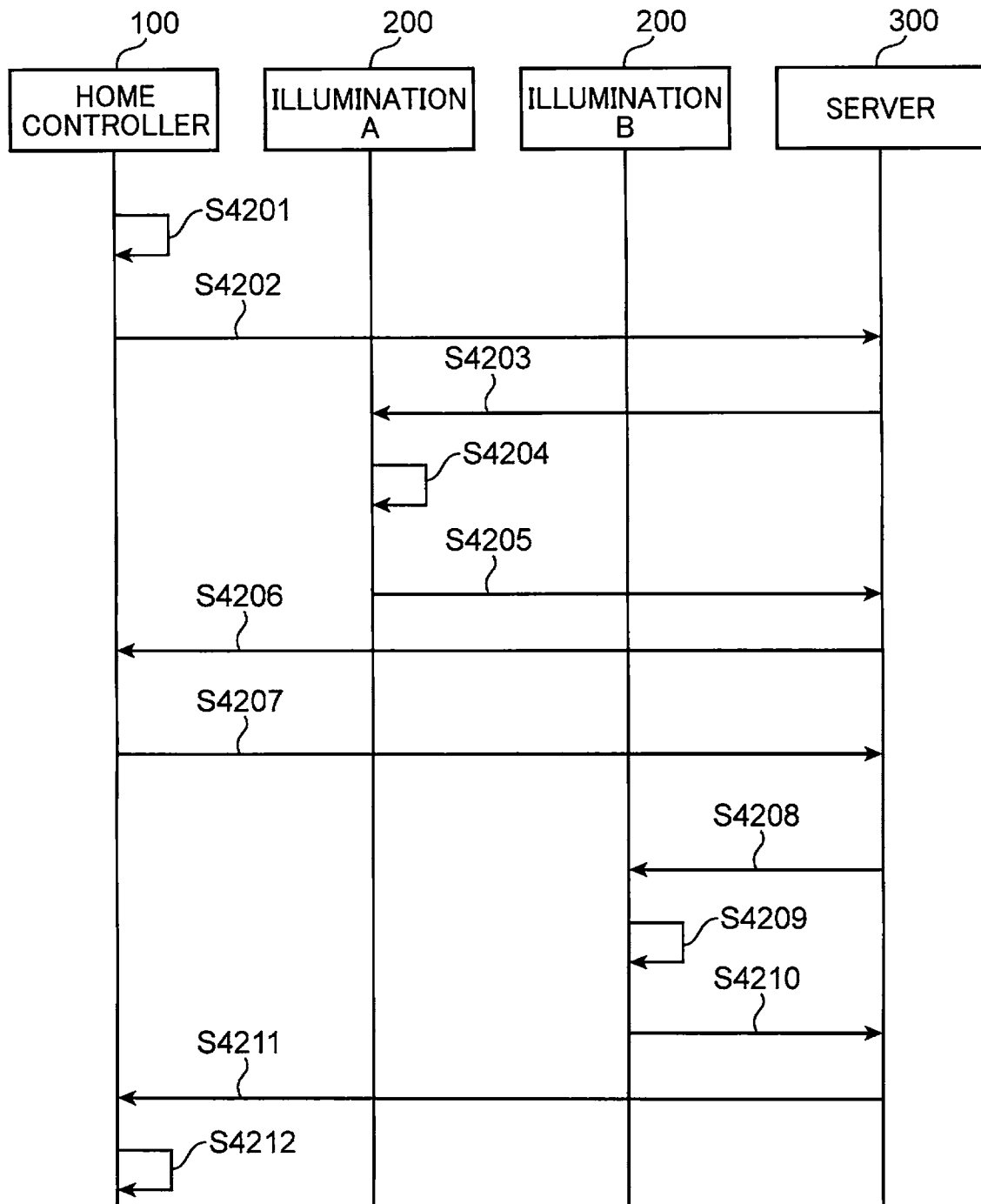


FIG.97

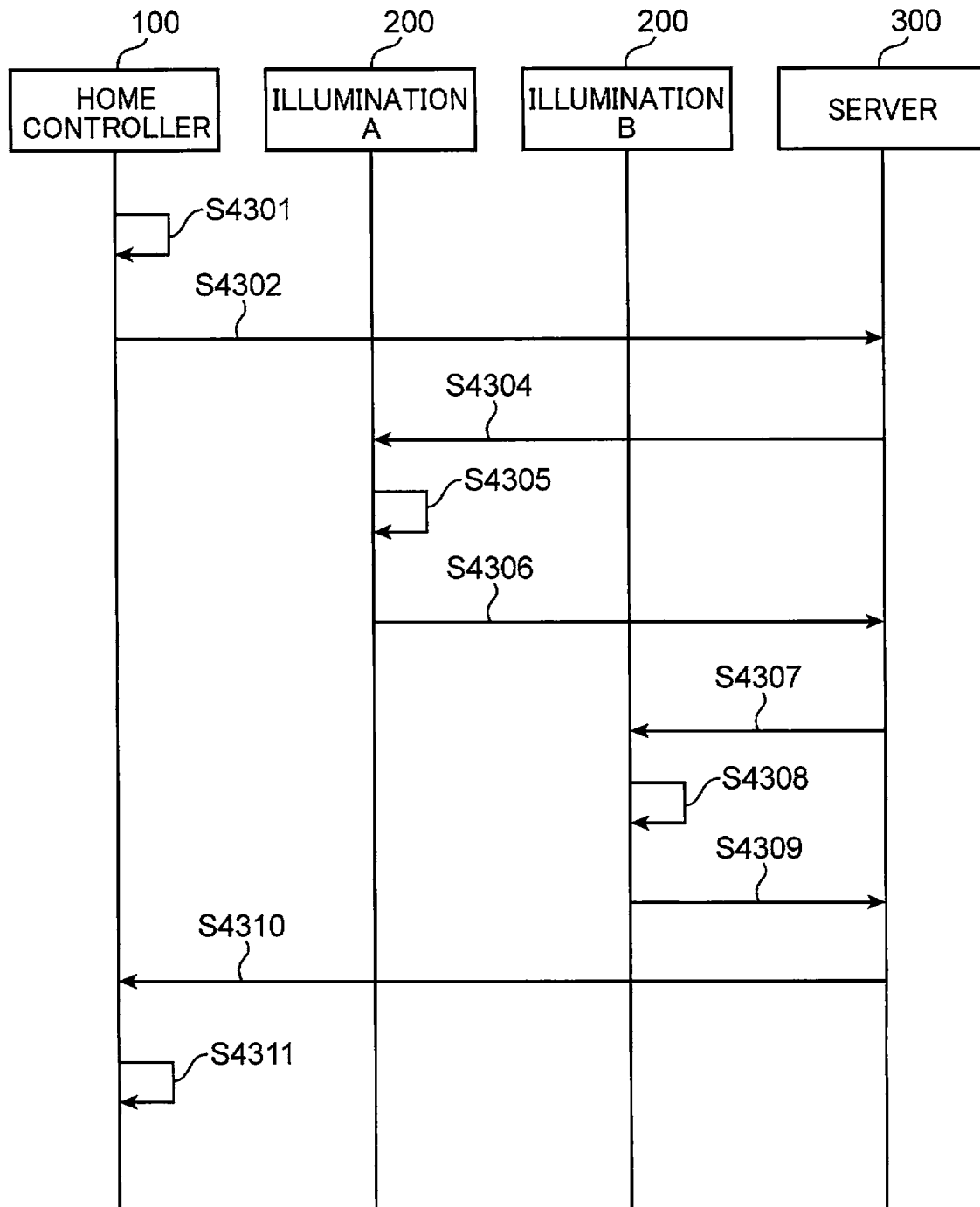


FIG.98

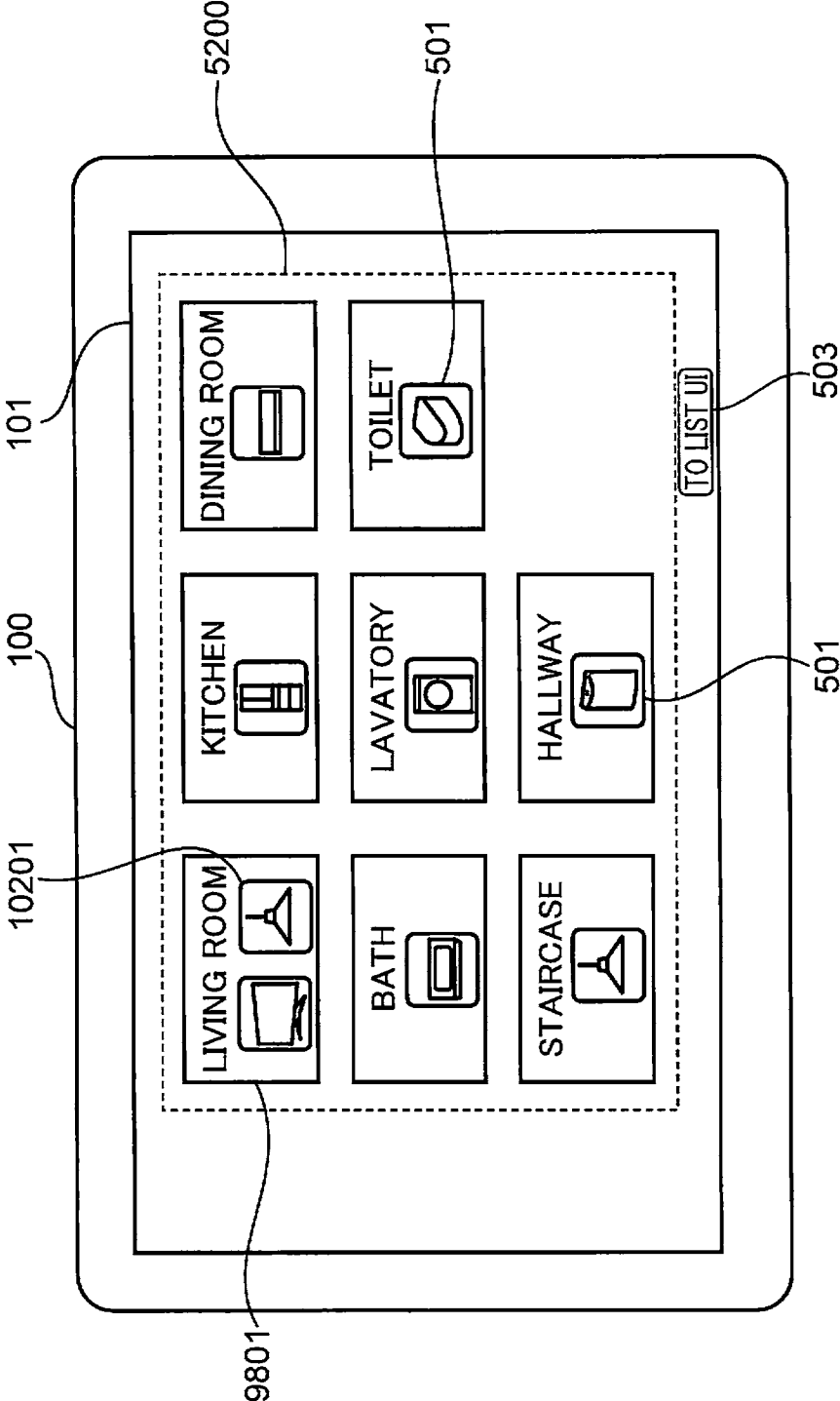


FIG. 99

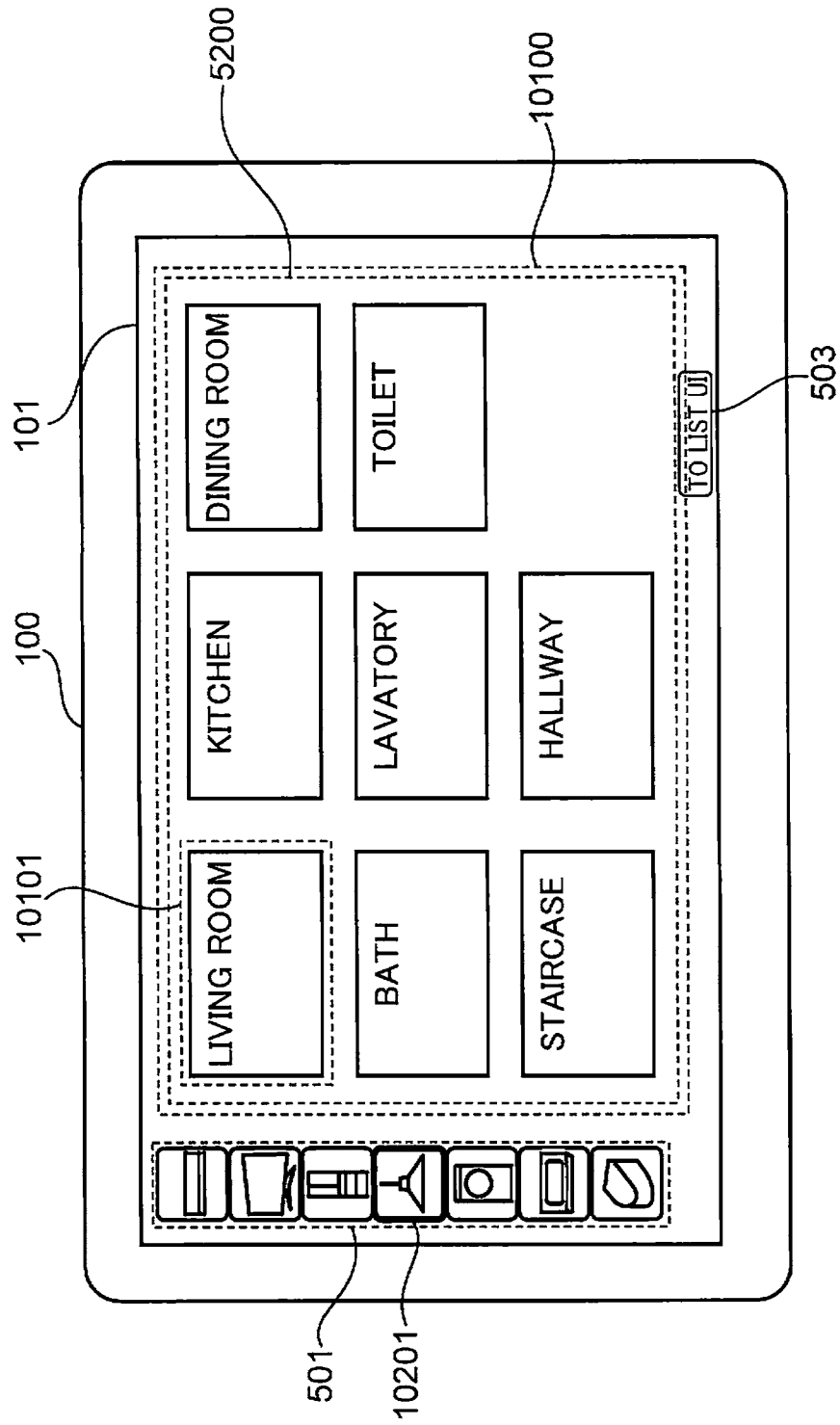


FIG.100

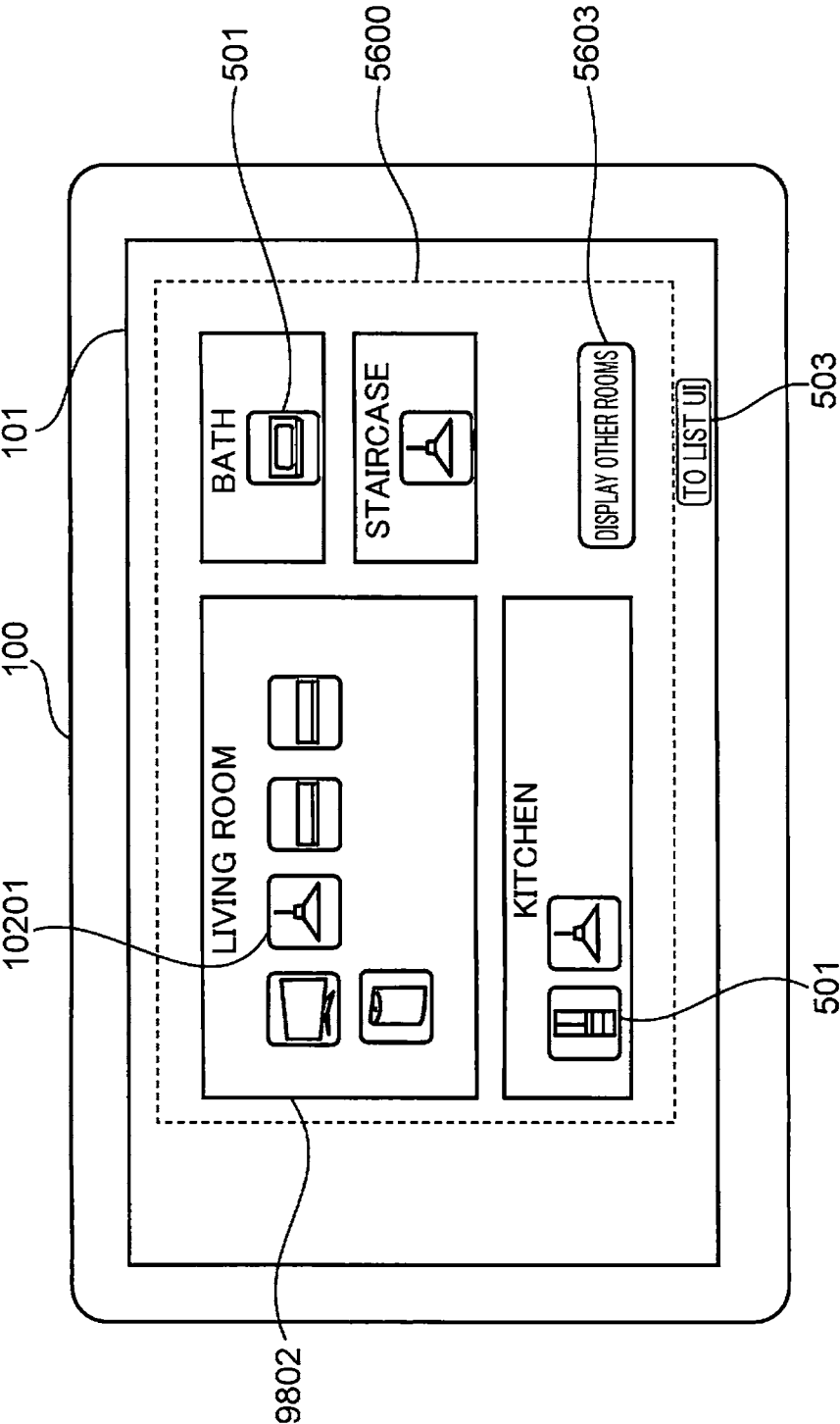


FIG.101

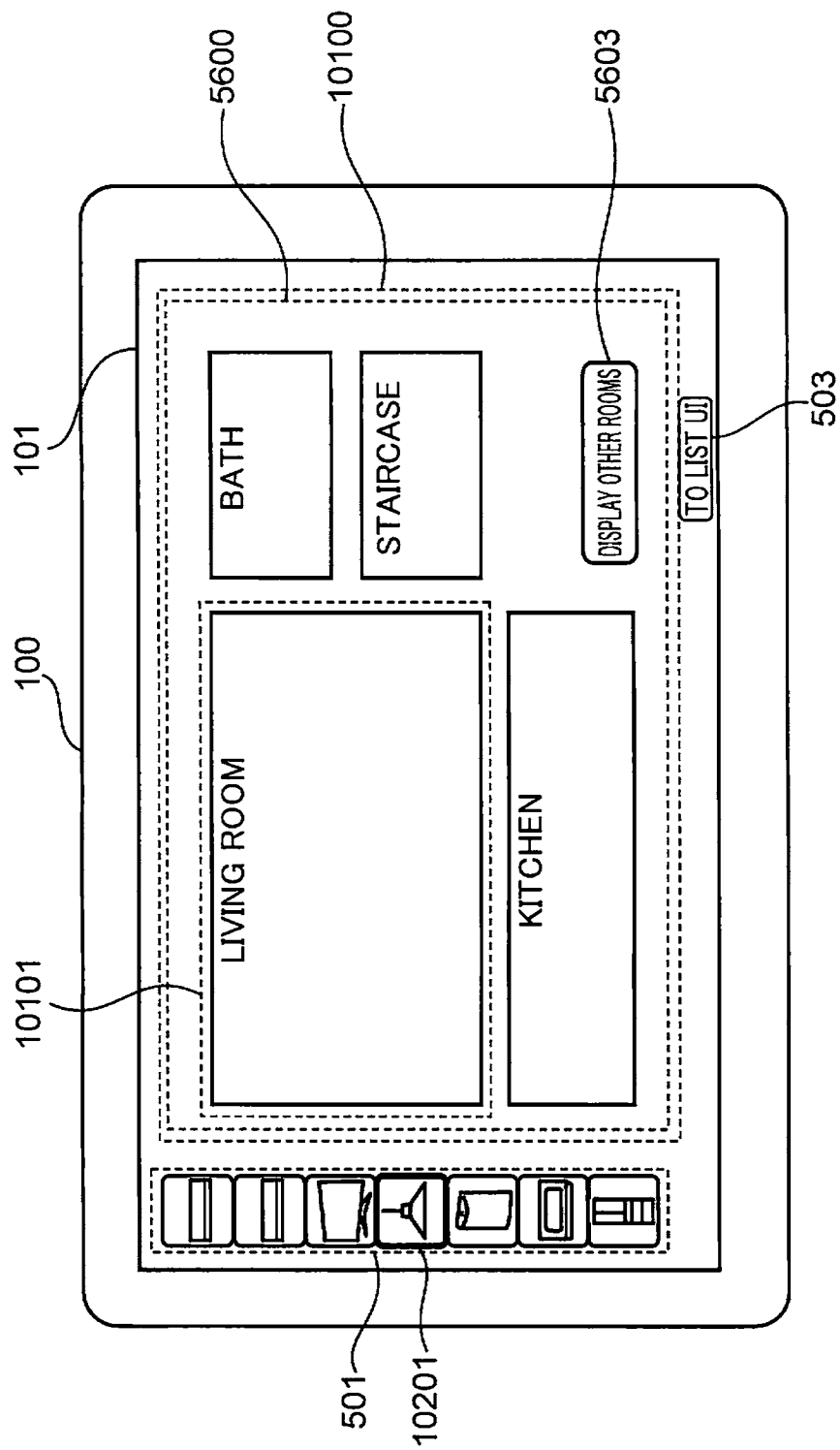


FIG.102

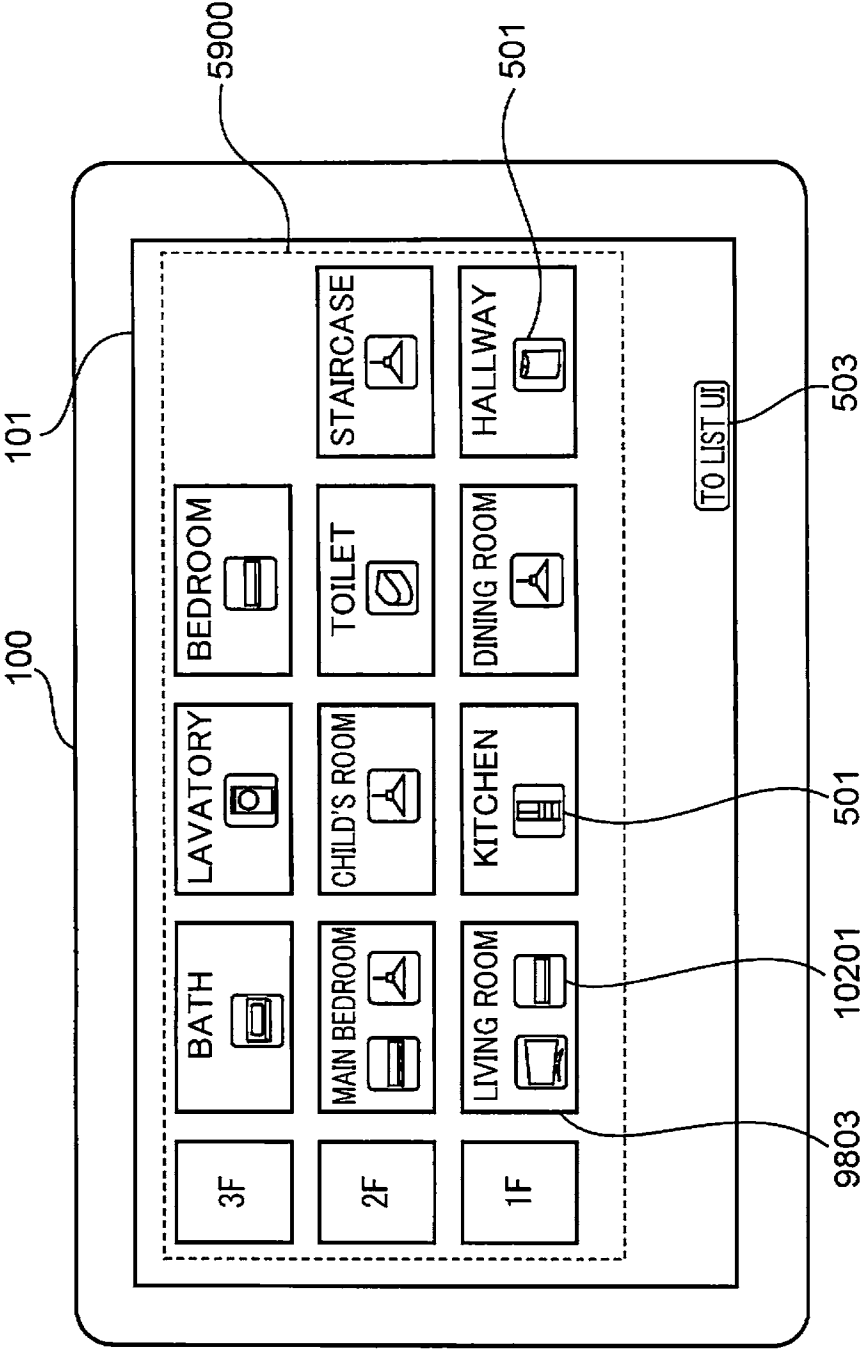


FIG.103

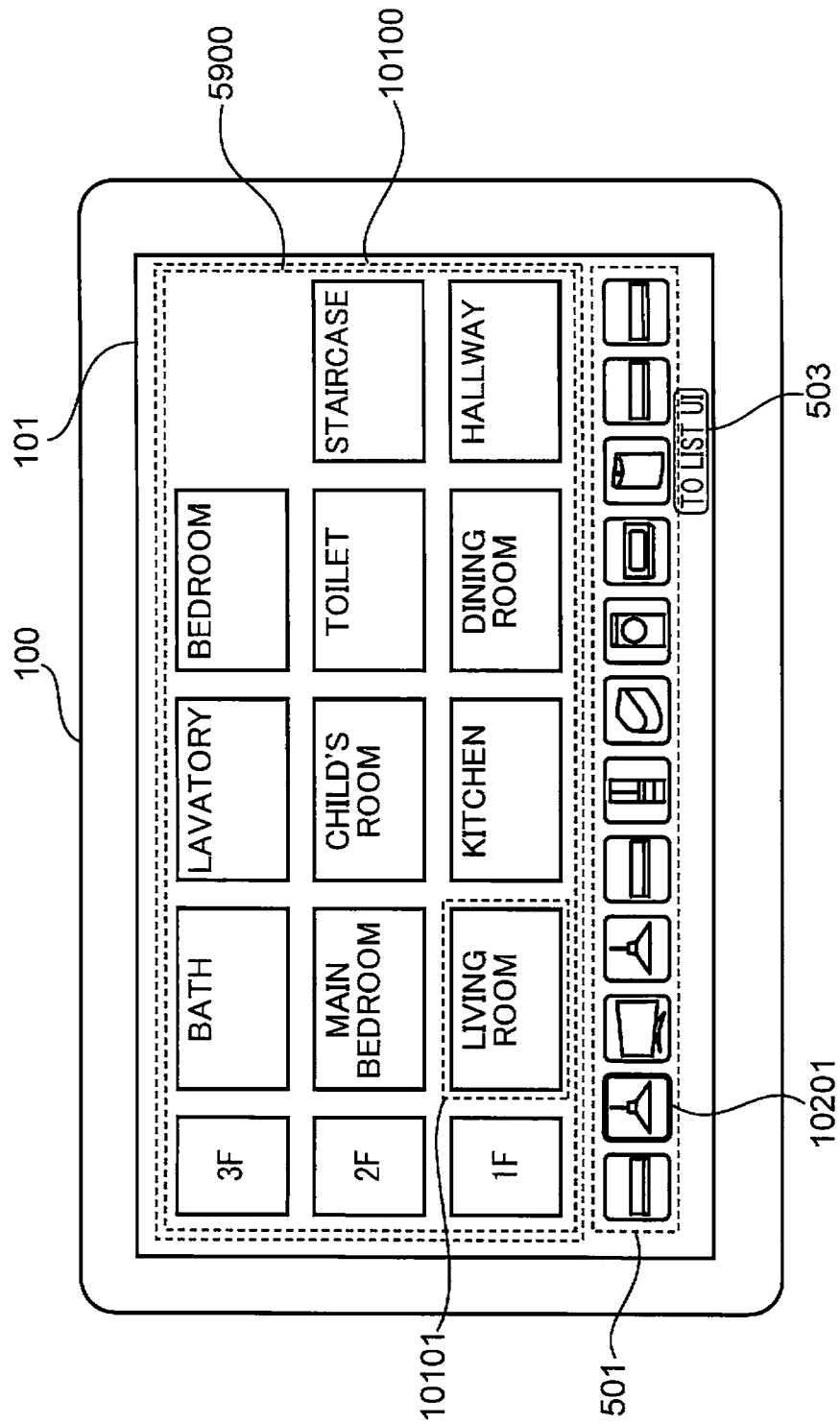


FIG.104

