

FIG. 1

COMMUNICATION SYSTEM
100

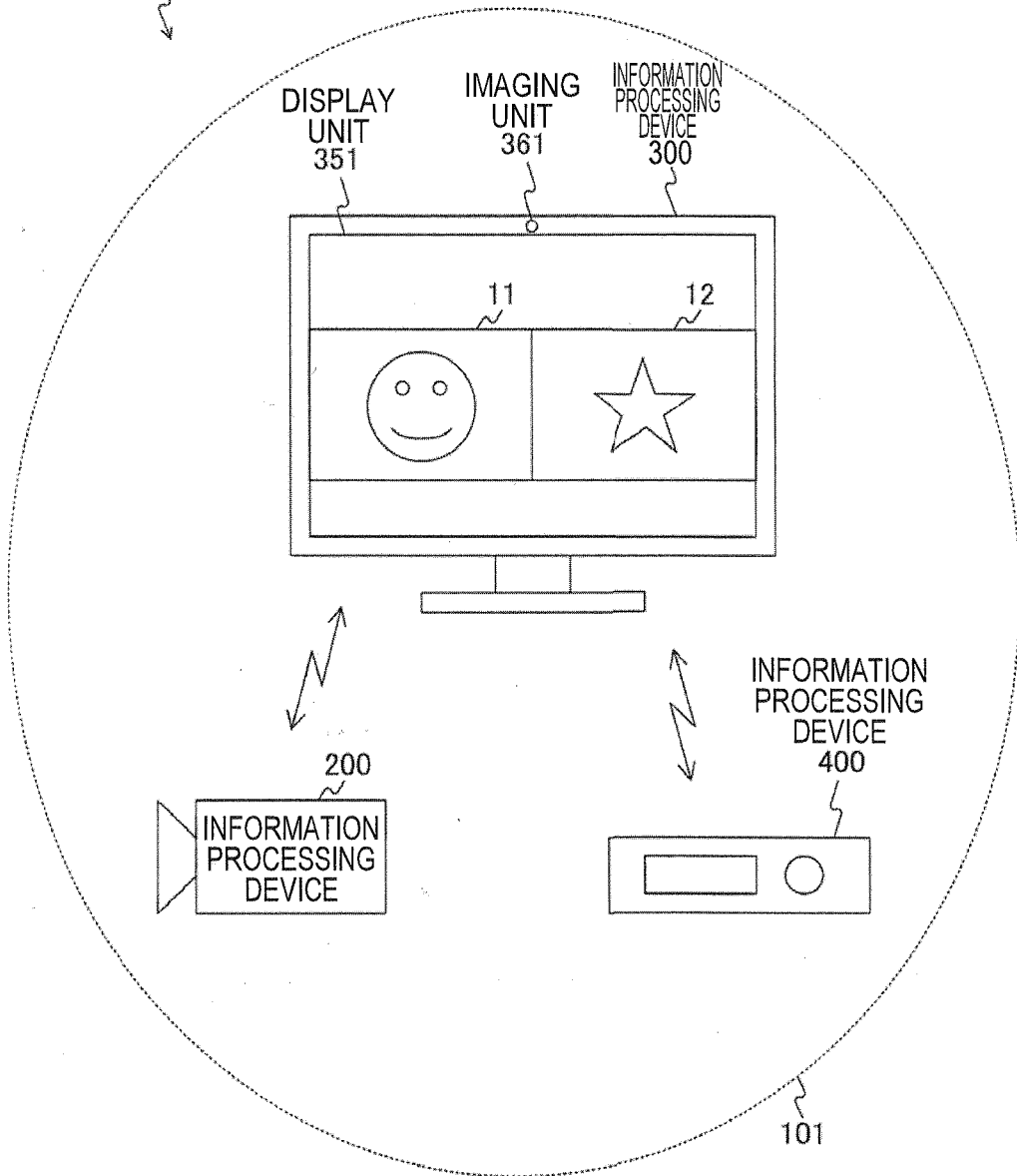


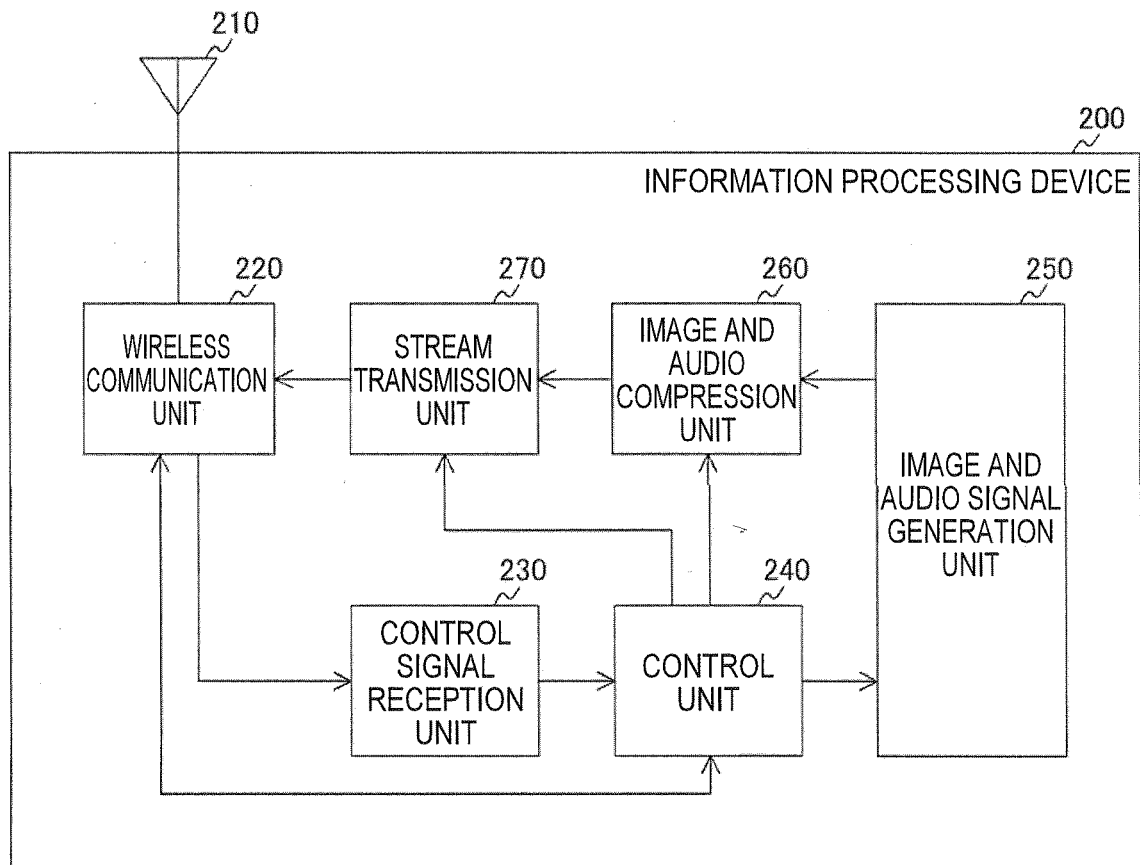
FIG. 2

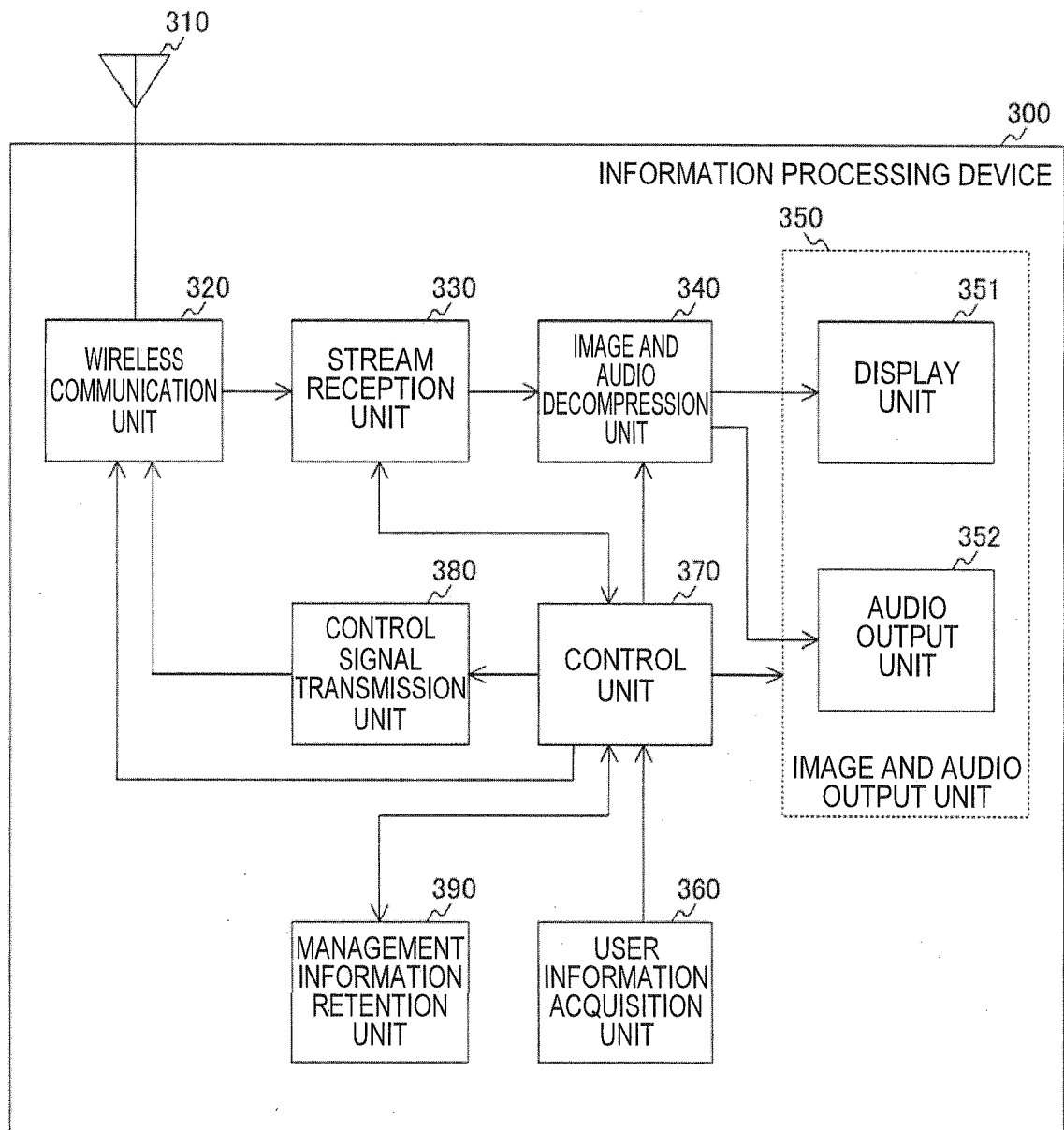
FIG. 3

FIG. 4

MANAGEMENT INFORMATION RETENTION UNIT

390

391	392	393					394	395	396	397	398	105	106
TERMINAL IDENTIFICATION INFORMATION	FREQUENCY CHANNEL	RADIO WAVE PROPAGATION MEASUREMENT INFORMATION					DEVICE INFORMATION	BAND USE LEVEL	DISPLAY FORM	STANDBY OR WAKE-UP	MULTI-RECEPTION DIVERSITY CORRESPONDENCE	BASIC SERVICE	CONCURRENT PRESENCE OR ABSENCE
		PER	BER	NUMBER OF RETRANS- MISSIONS OF PACKETS	THROUGHPUT	FRAME DROP	SIR (RS SI)						
DSC200	60GHz	...	...	...	...	...	...	20Mbps	SUB (PERIPHERAL CHANNEL)	STANDBY	ABSENCE	CAPABLE OF IMAGE TRANSMISSION AND RECEPTION	PRESENCE
DR400	2.4GHz	...	...	...	...	...	...	20Mbps	MAIN (MIDDLE CHANNEL)	WAKE-UP	PRESENCE	CAPABLE OF ONLY IMAGE TRANSMISSION	ABSENCE

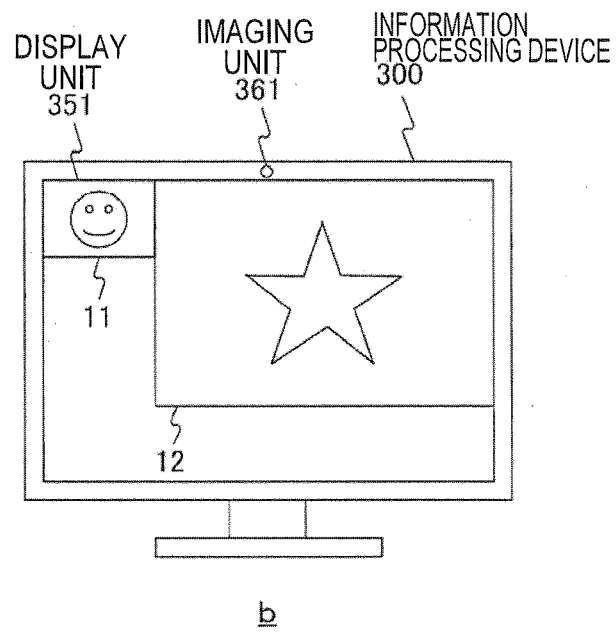
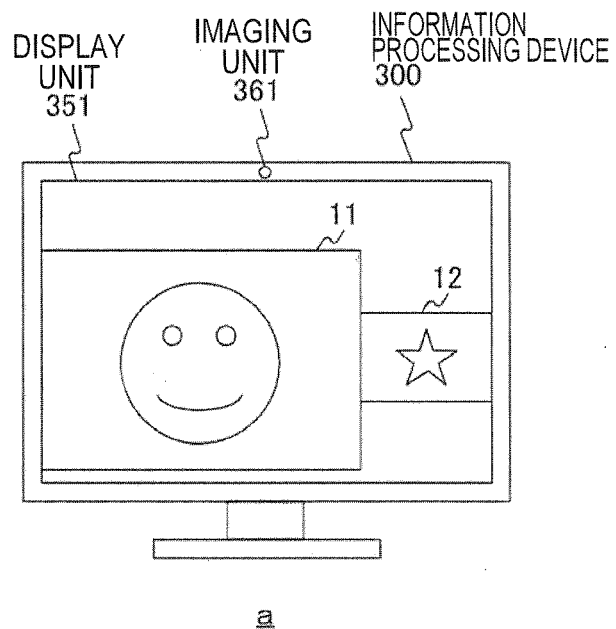
FIG. 5

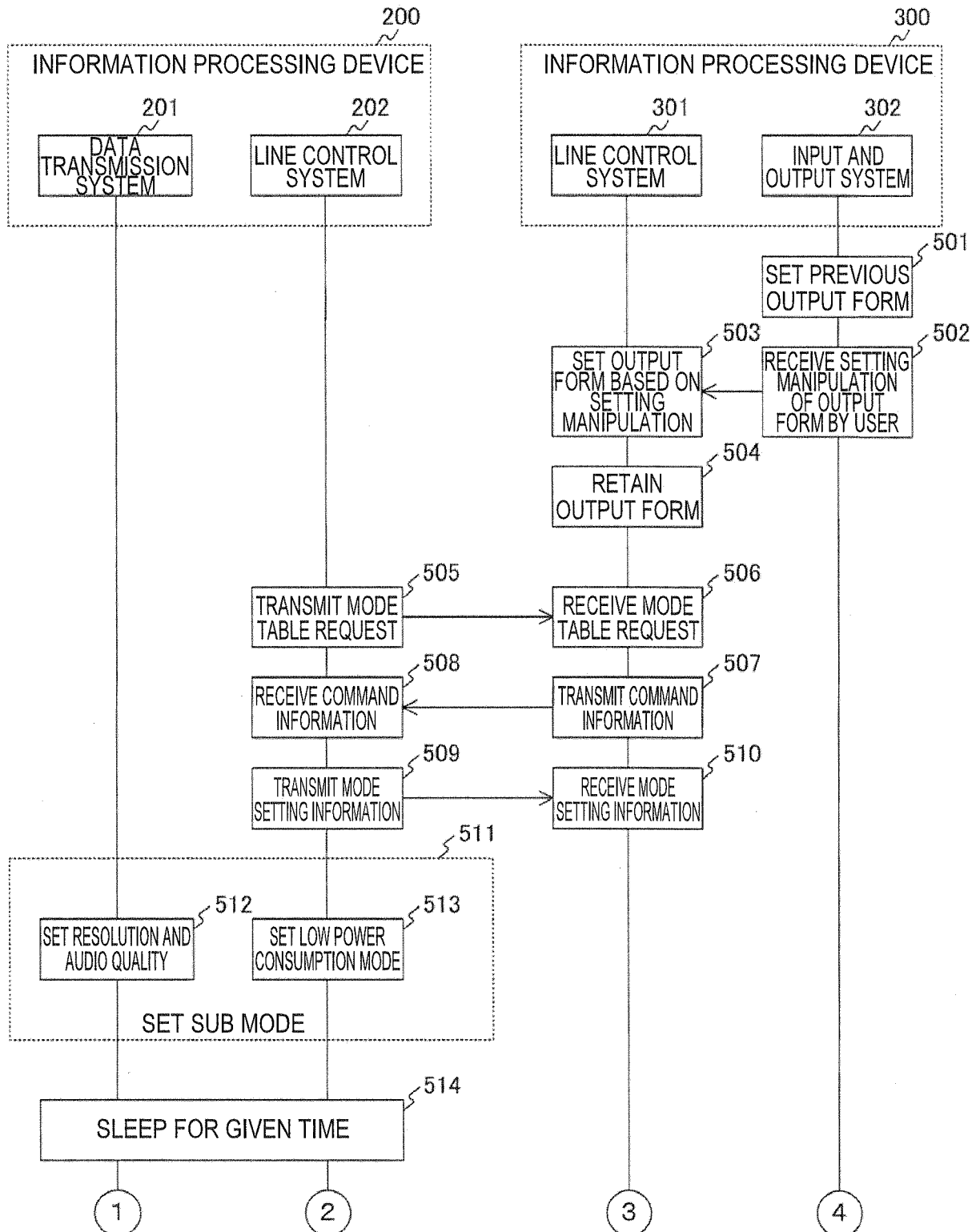
FIG. 6SETTING EXAMPLE OF MODE UNDER CONTROL OF SINK DEVICE

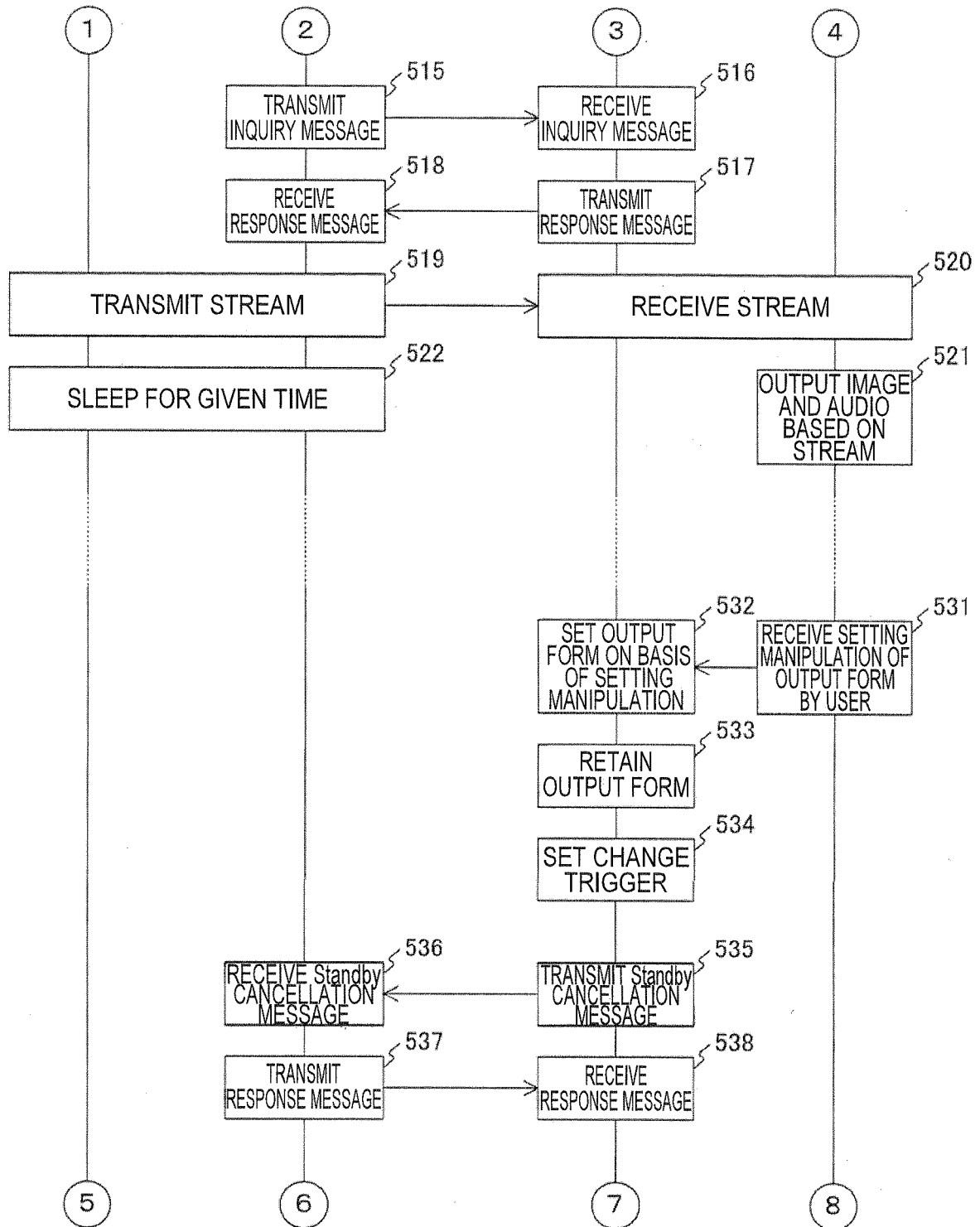
FIG. 7

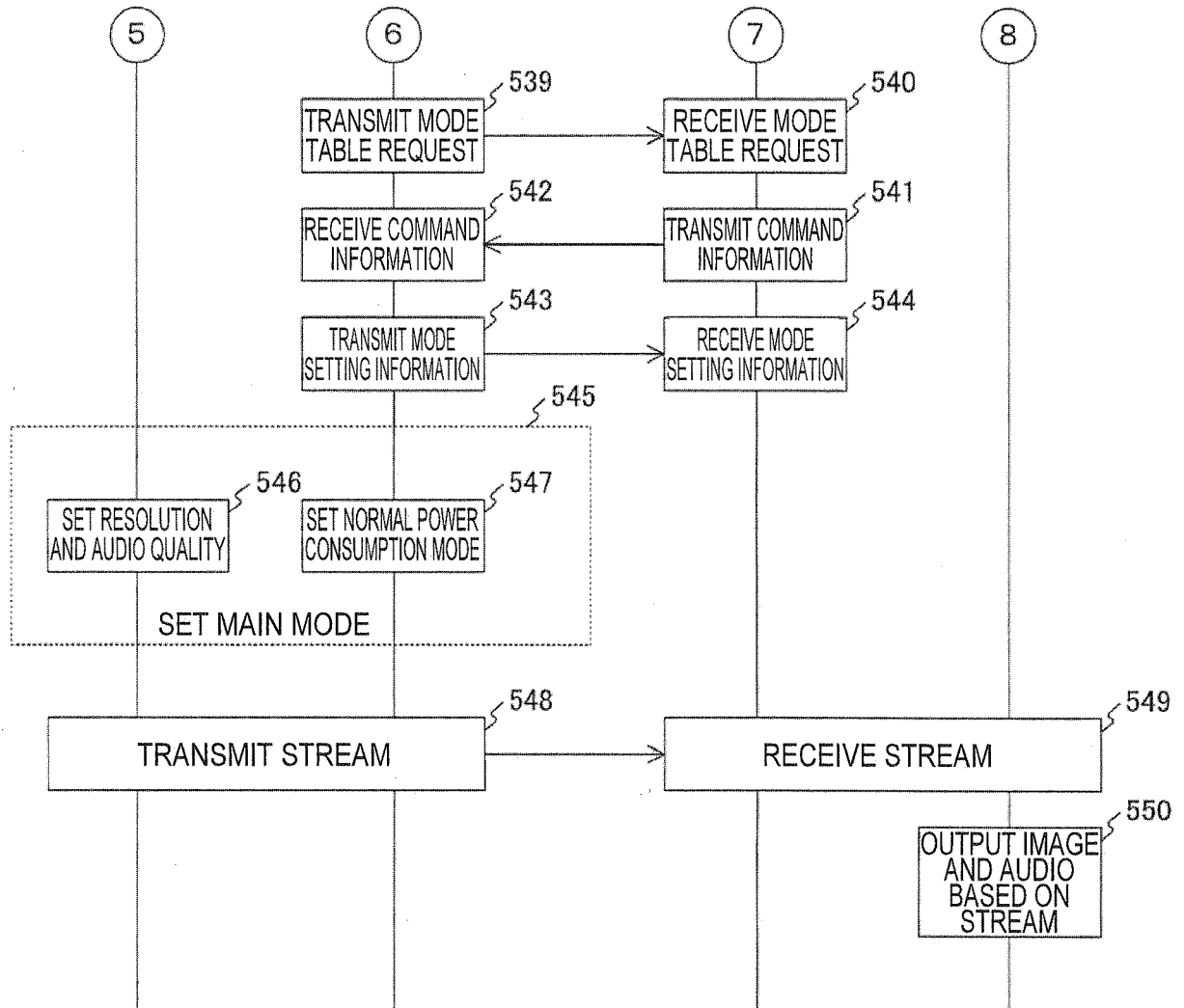
FIG. 8

FIG. 9

COMMUNICATION EXAMPLE OF WFD capability negotiation USING RTSP PROTOCOL

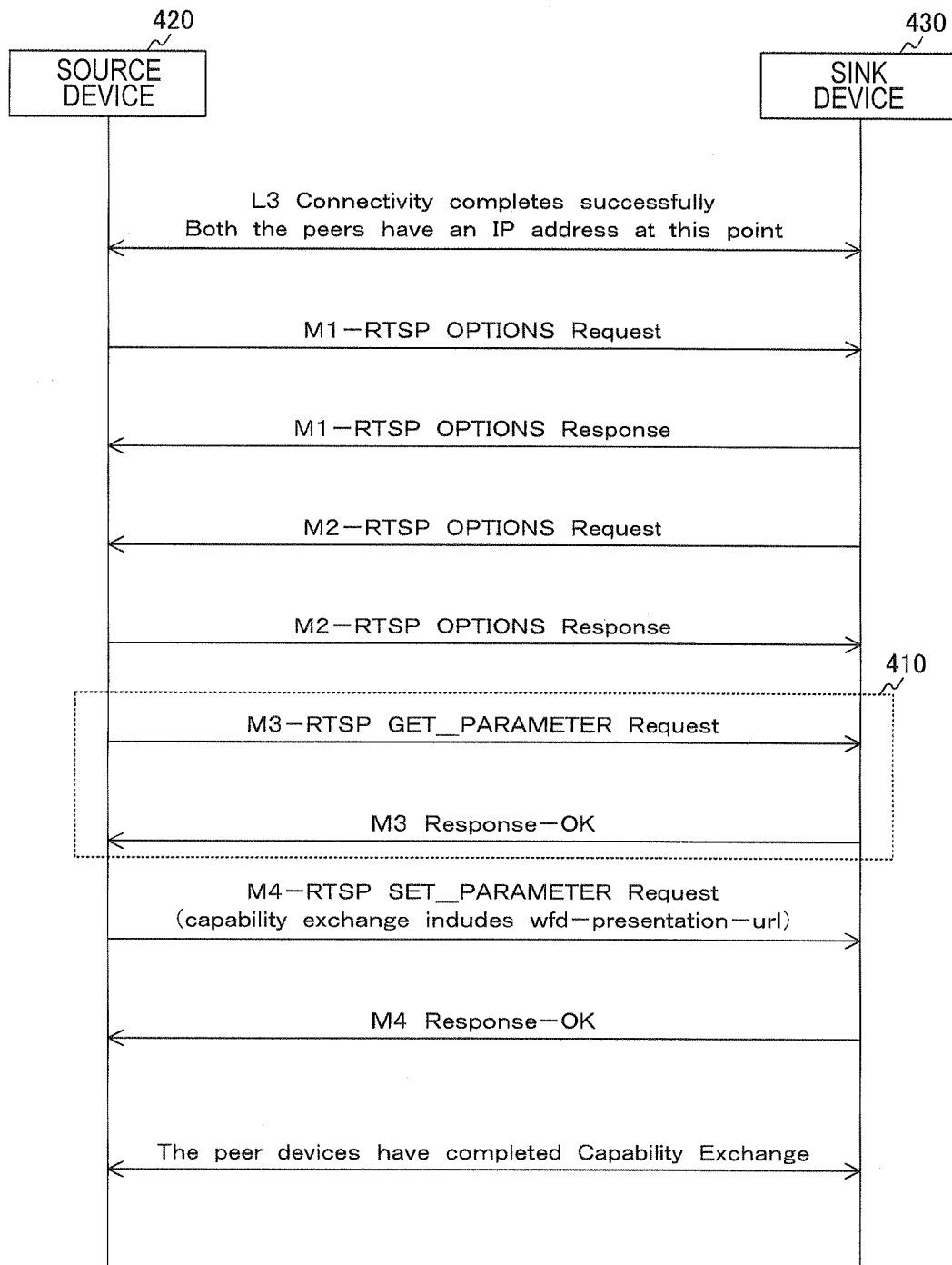


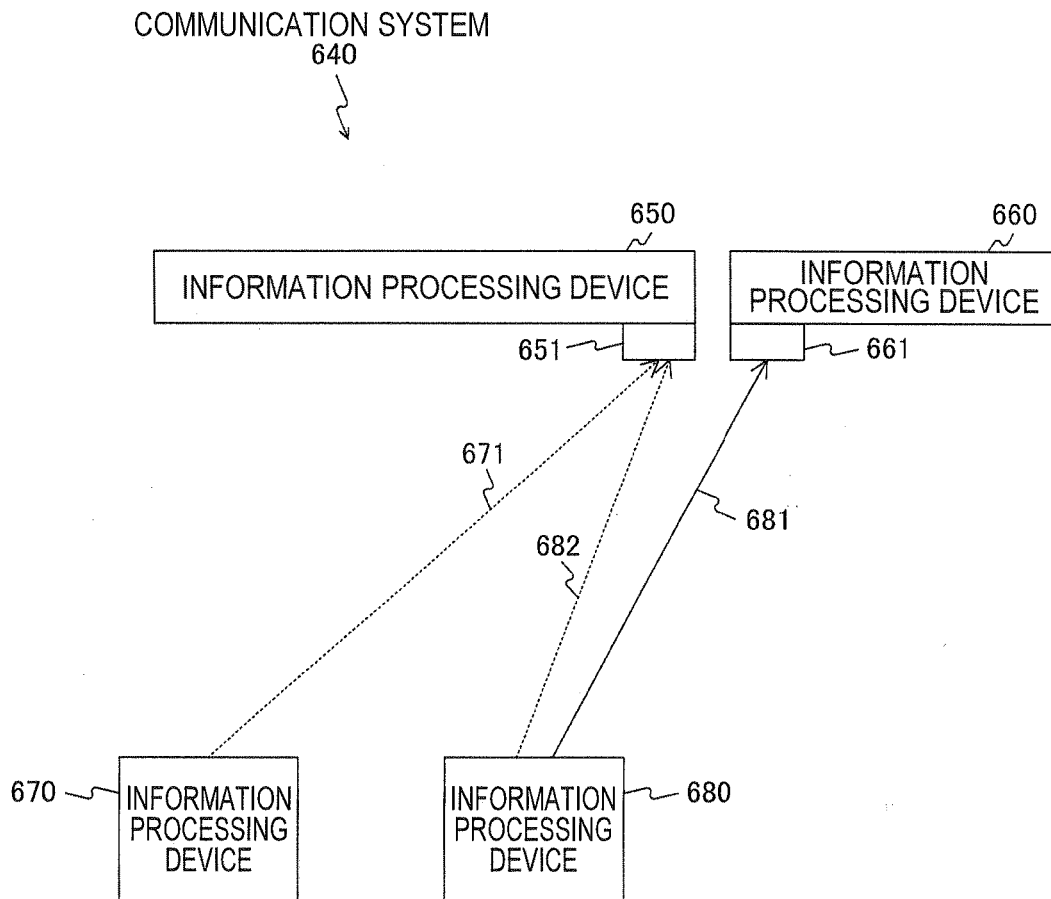
FIG. 10

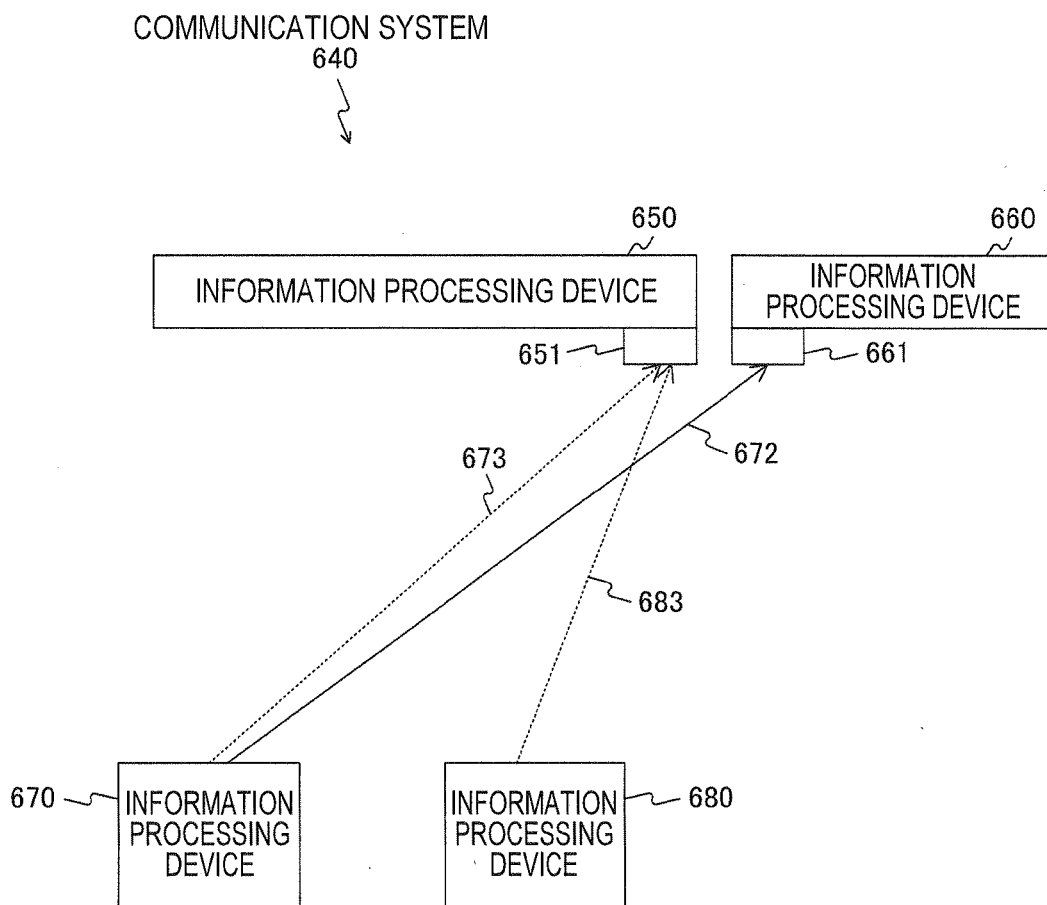
FIG. 11

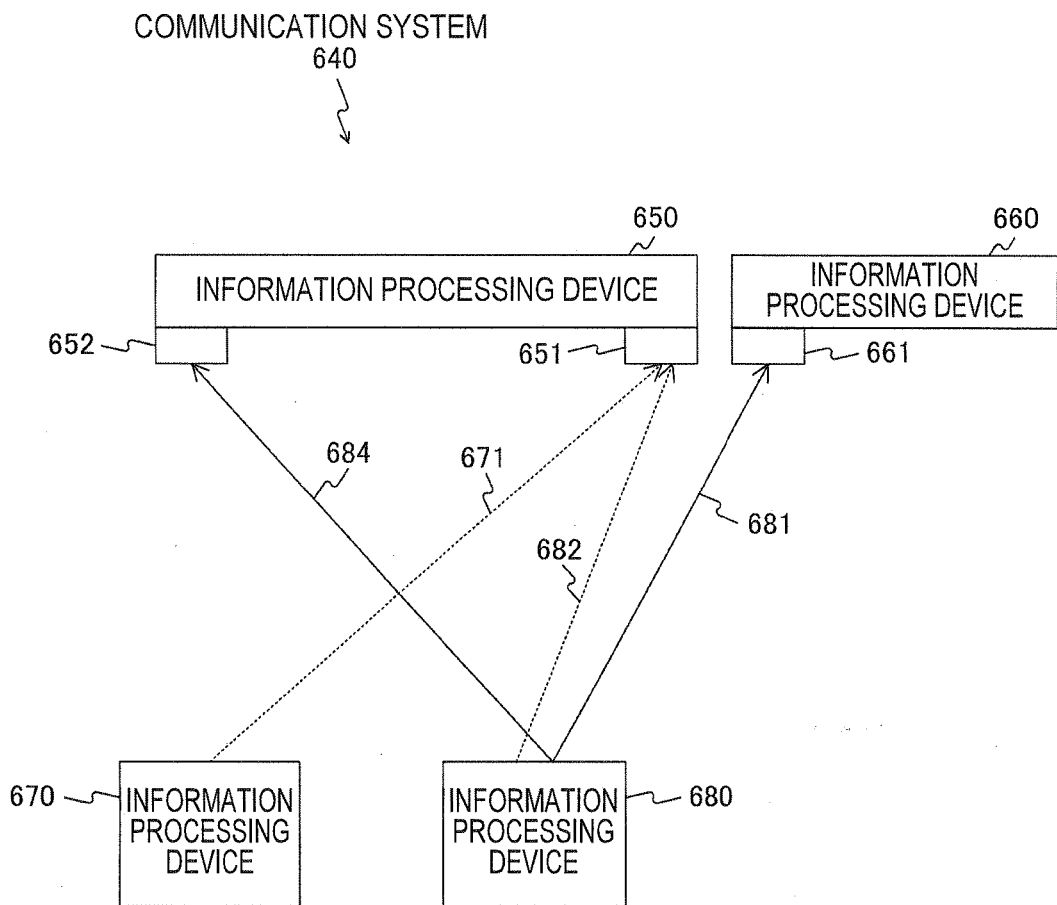
FIG. 12

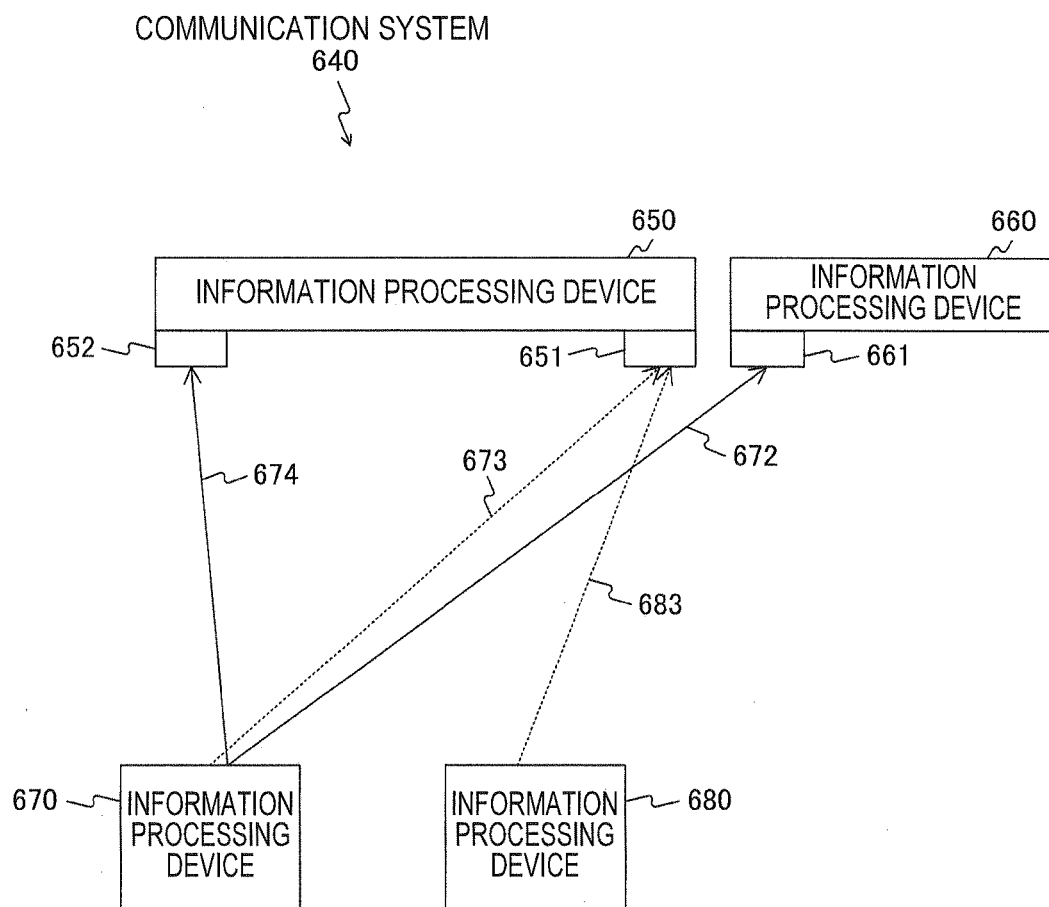
FIG. 13

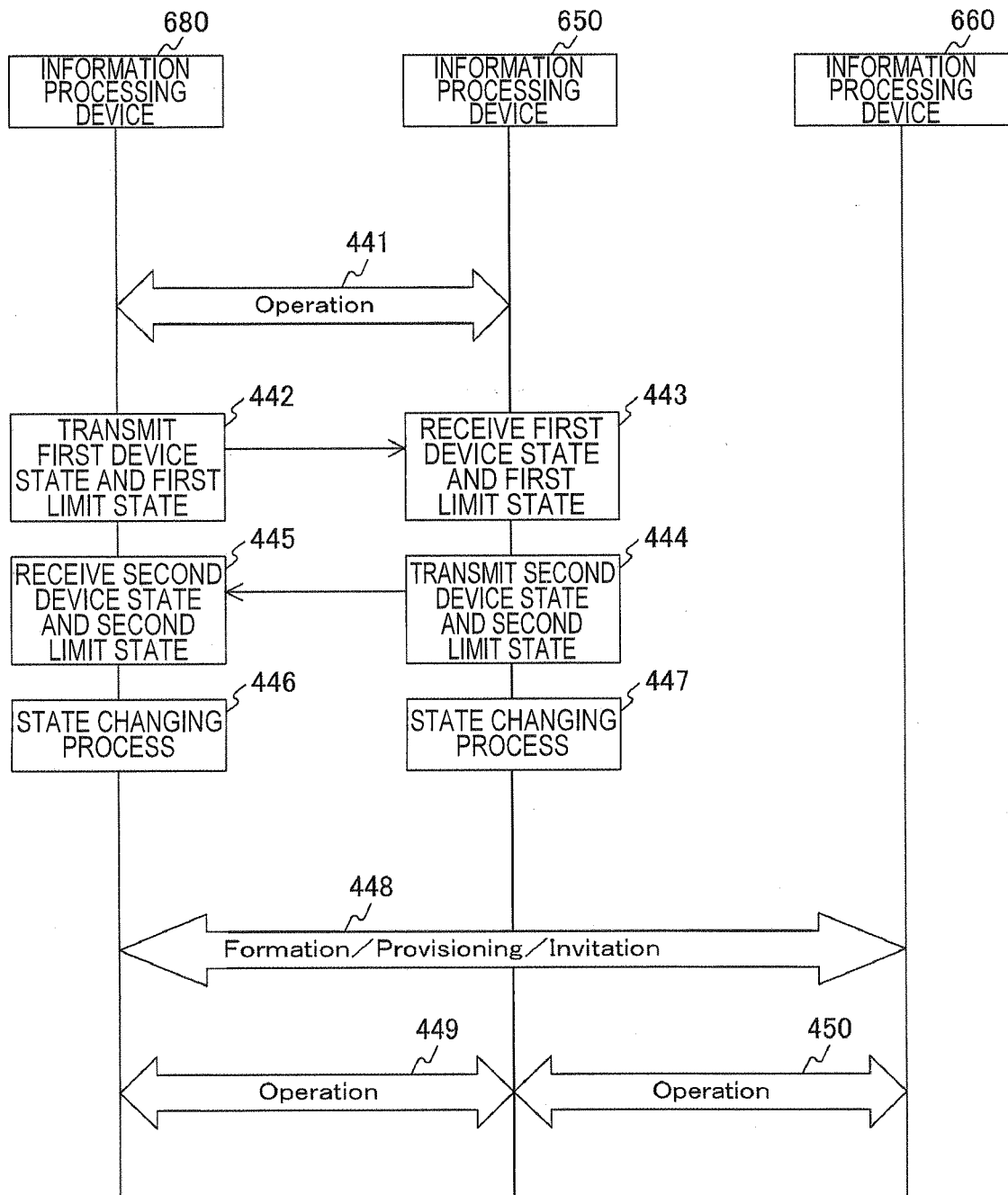
FIG. 14

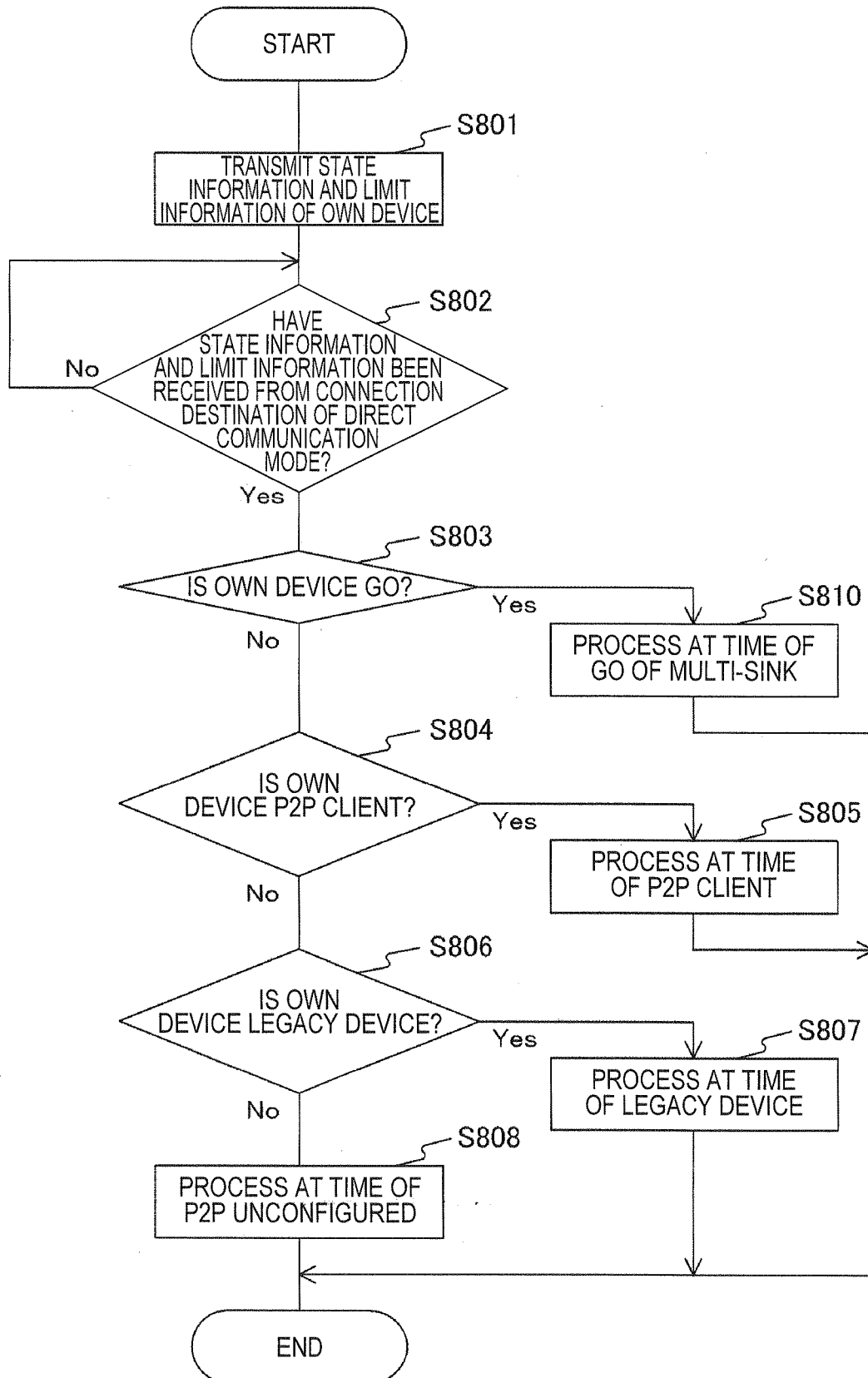
FIG. 15

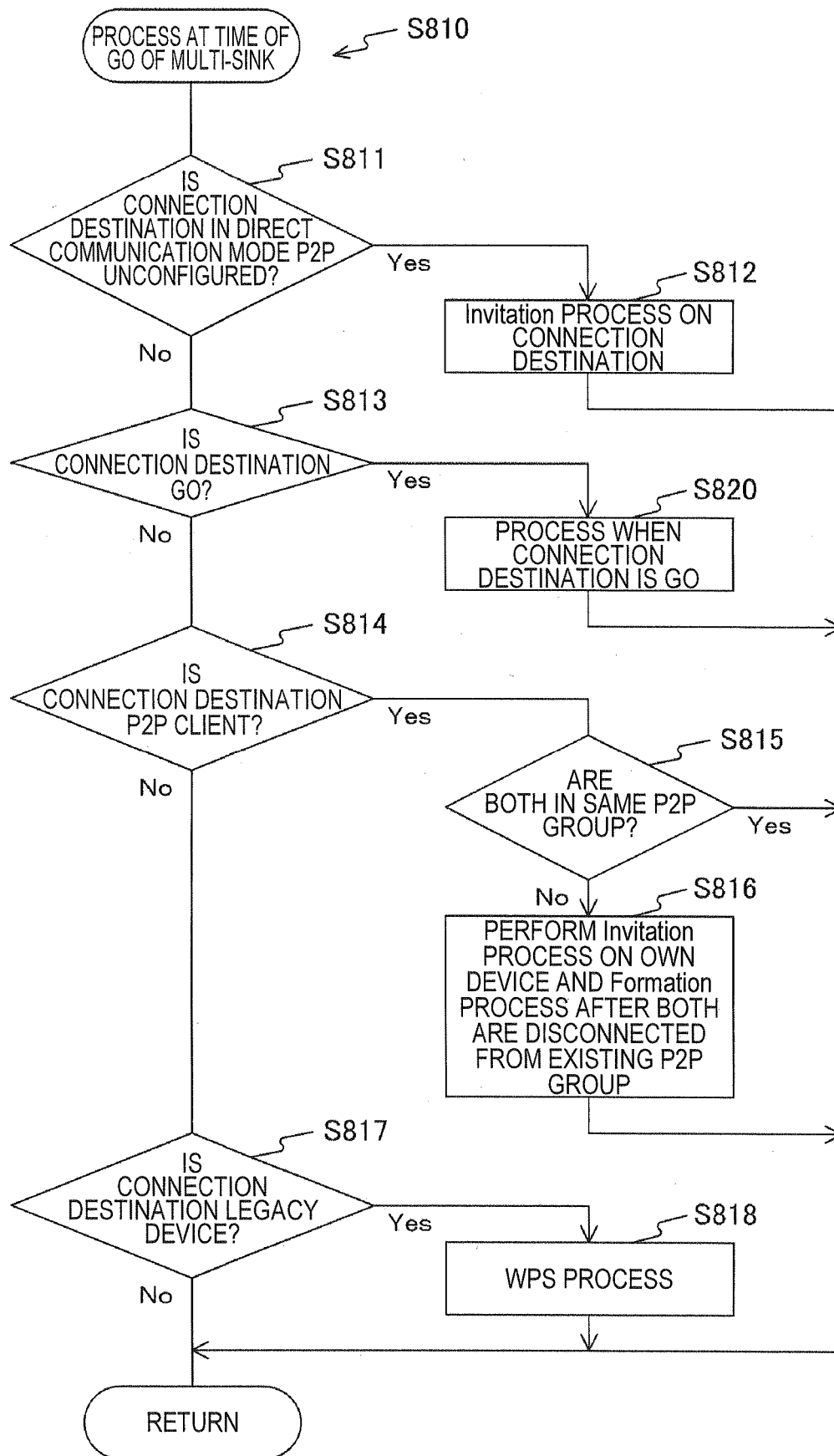
FIG. 16

FIG. 17

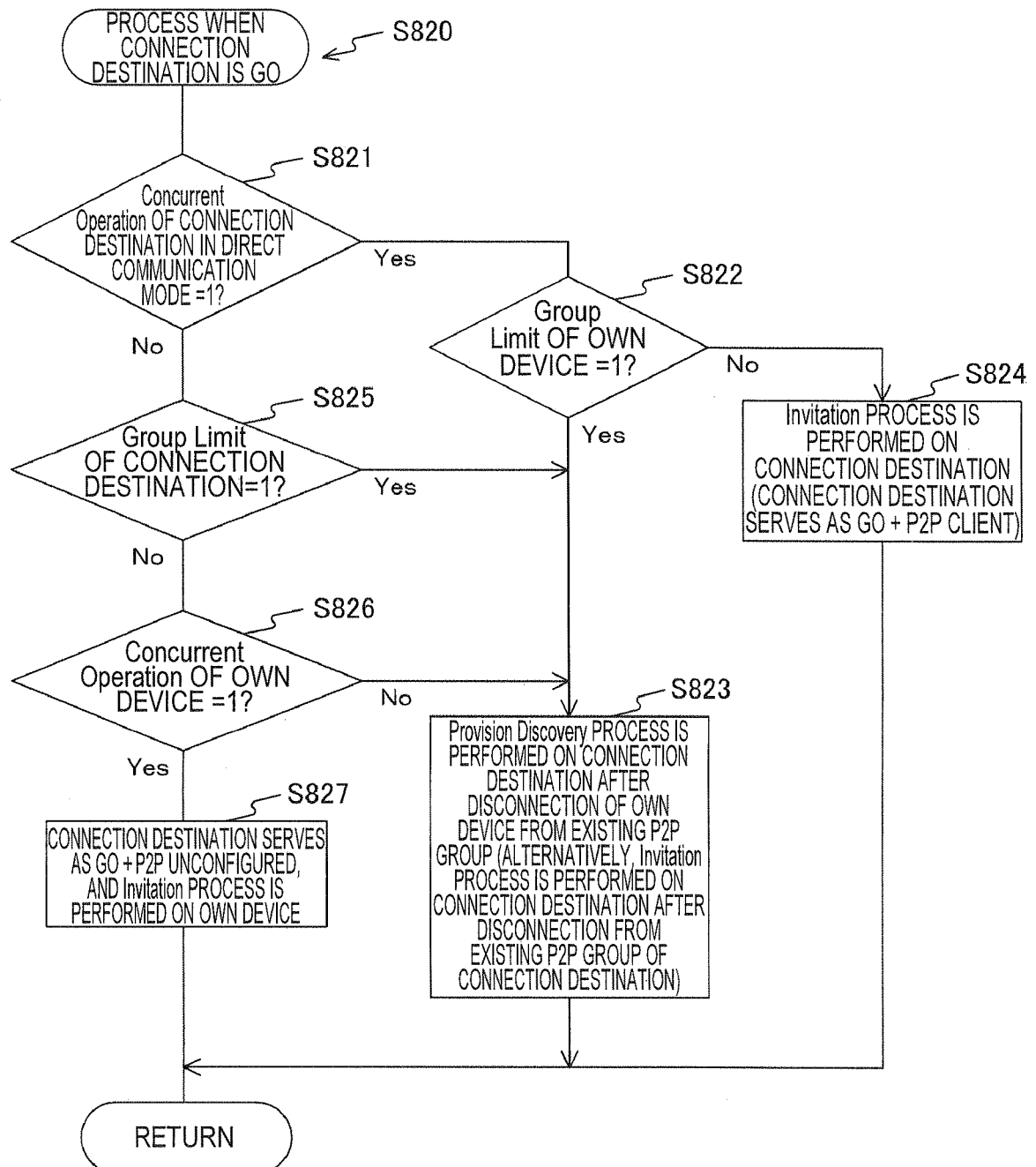


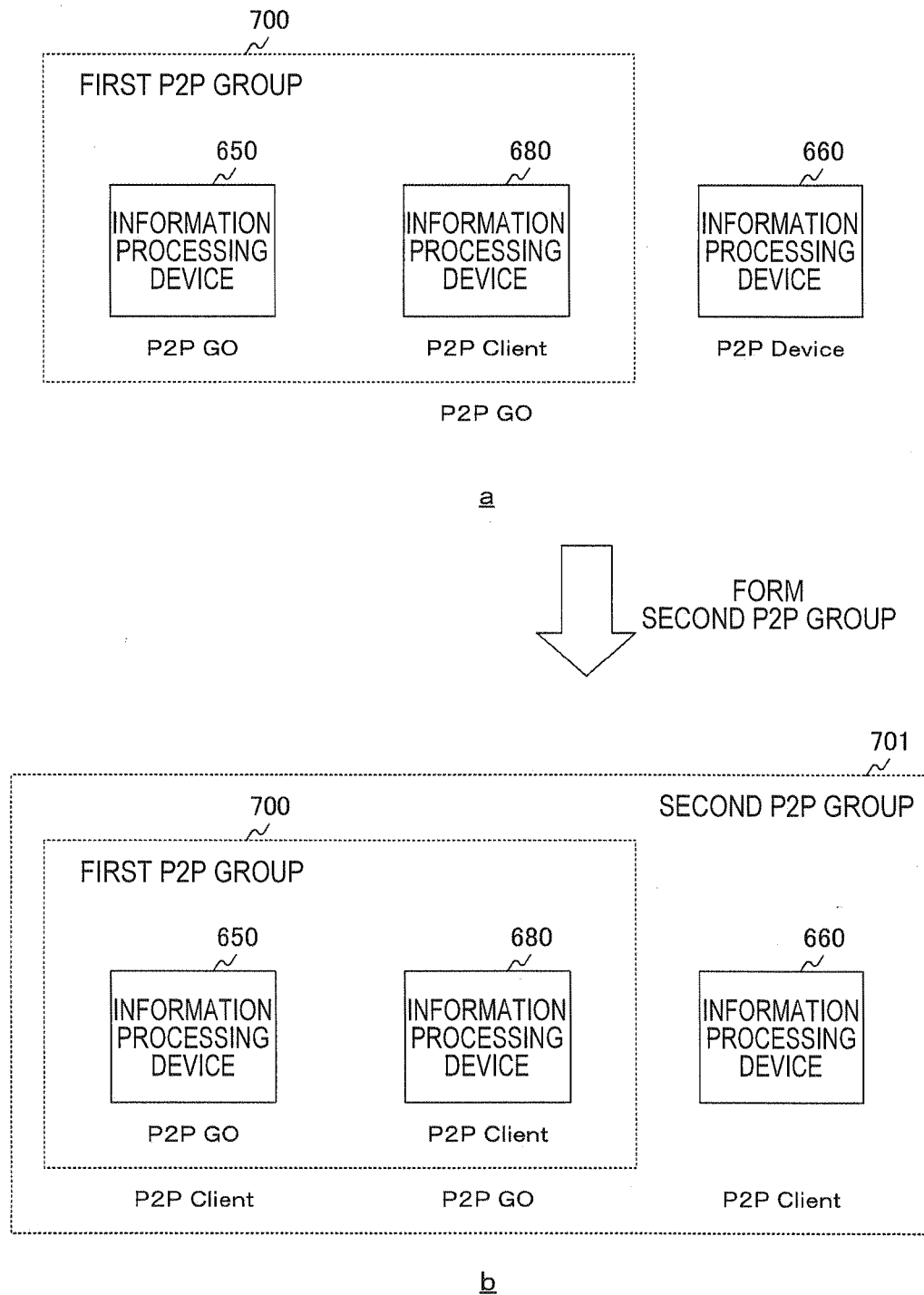
FIG. 18

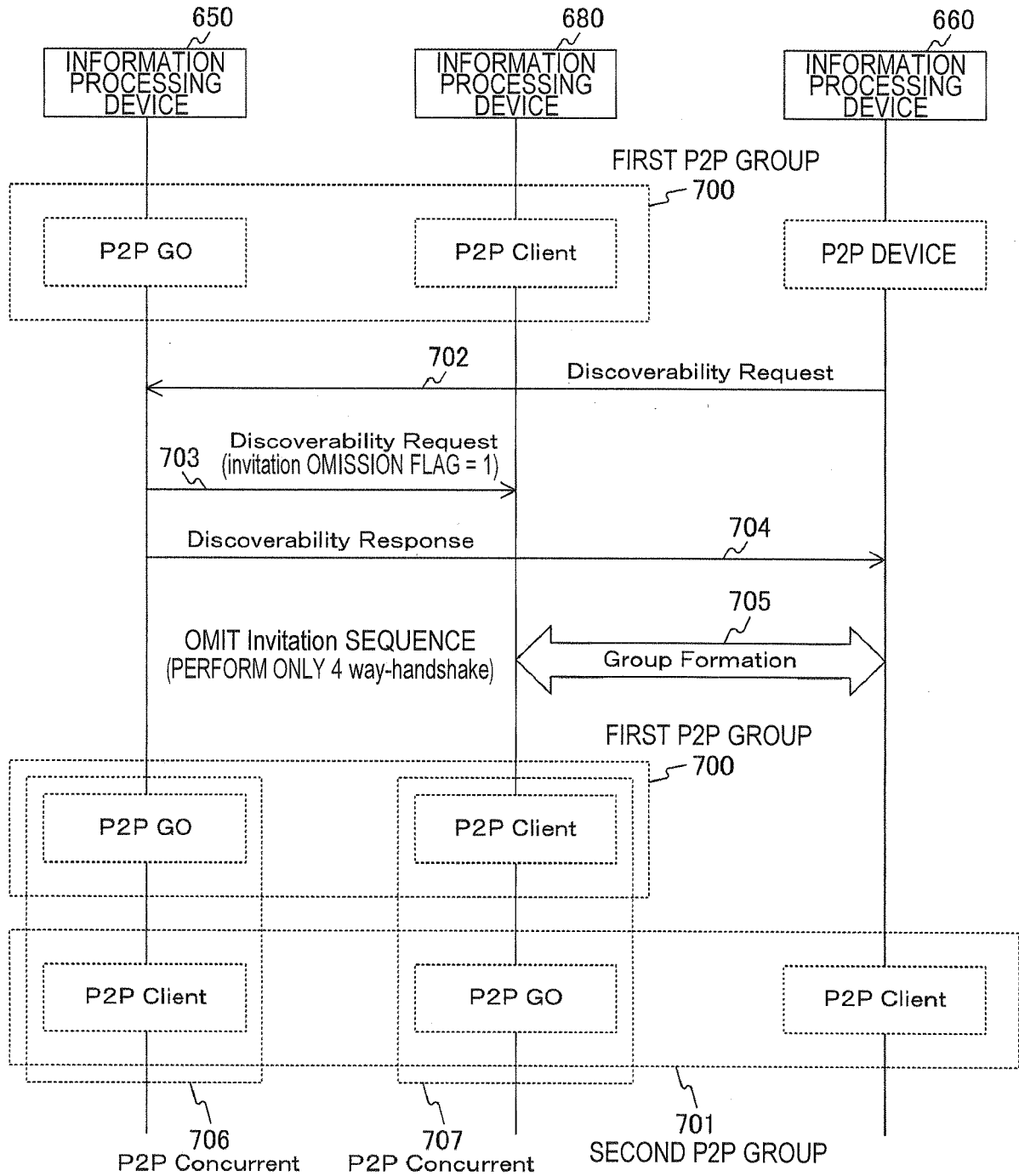
FIG. 19

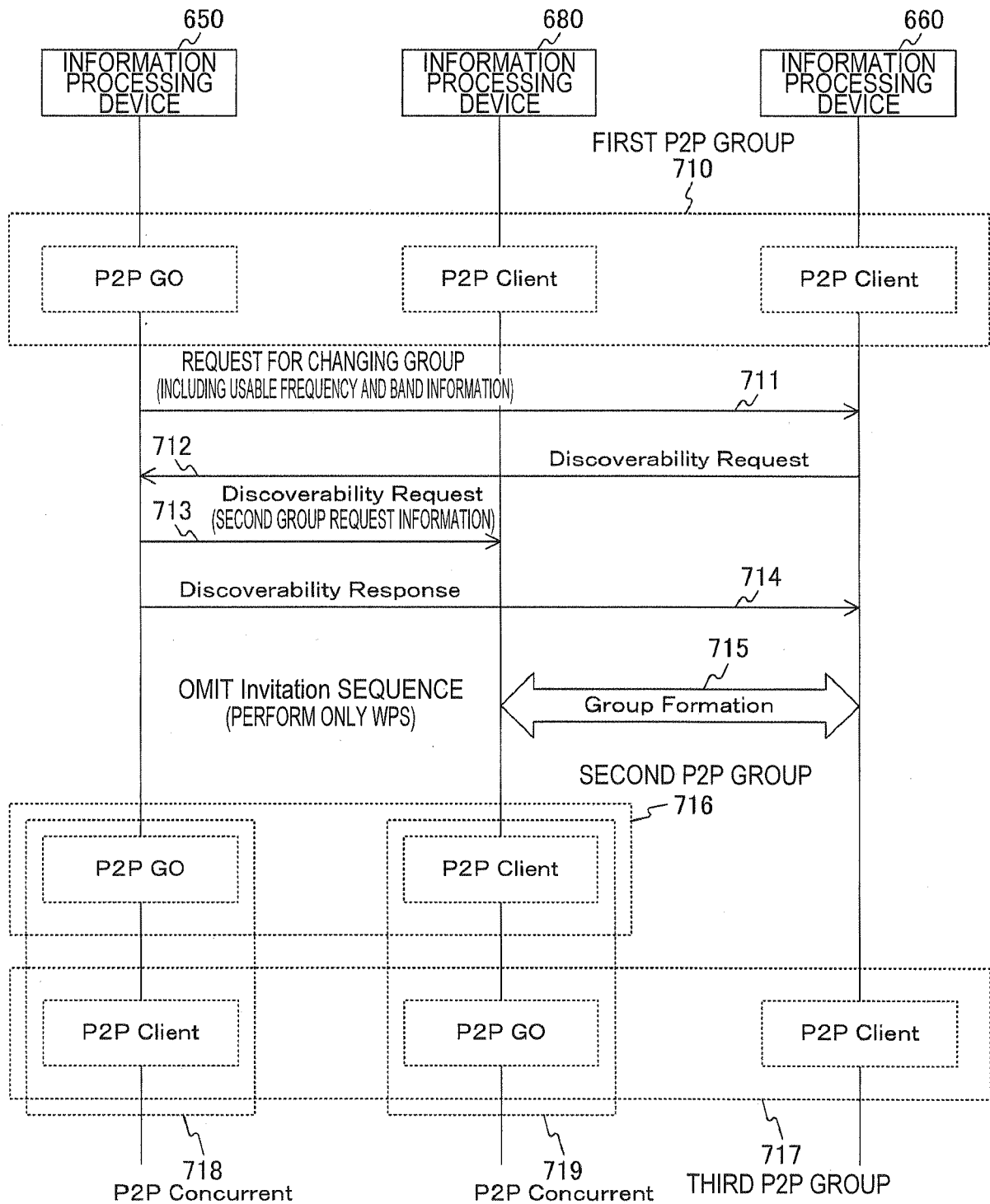
FIG. 20

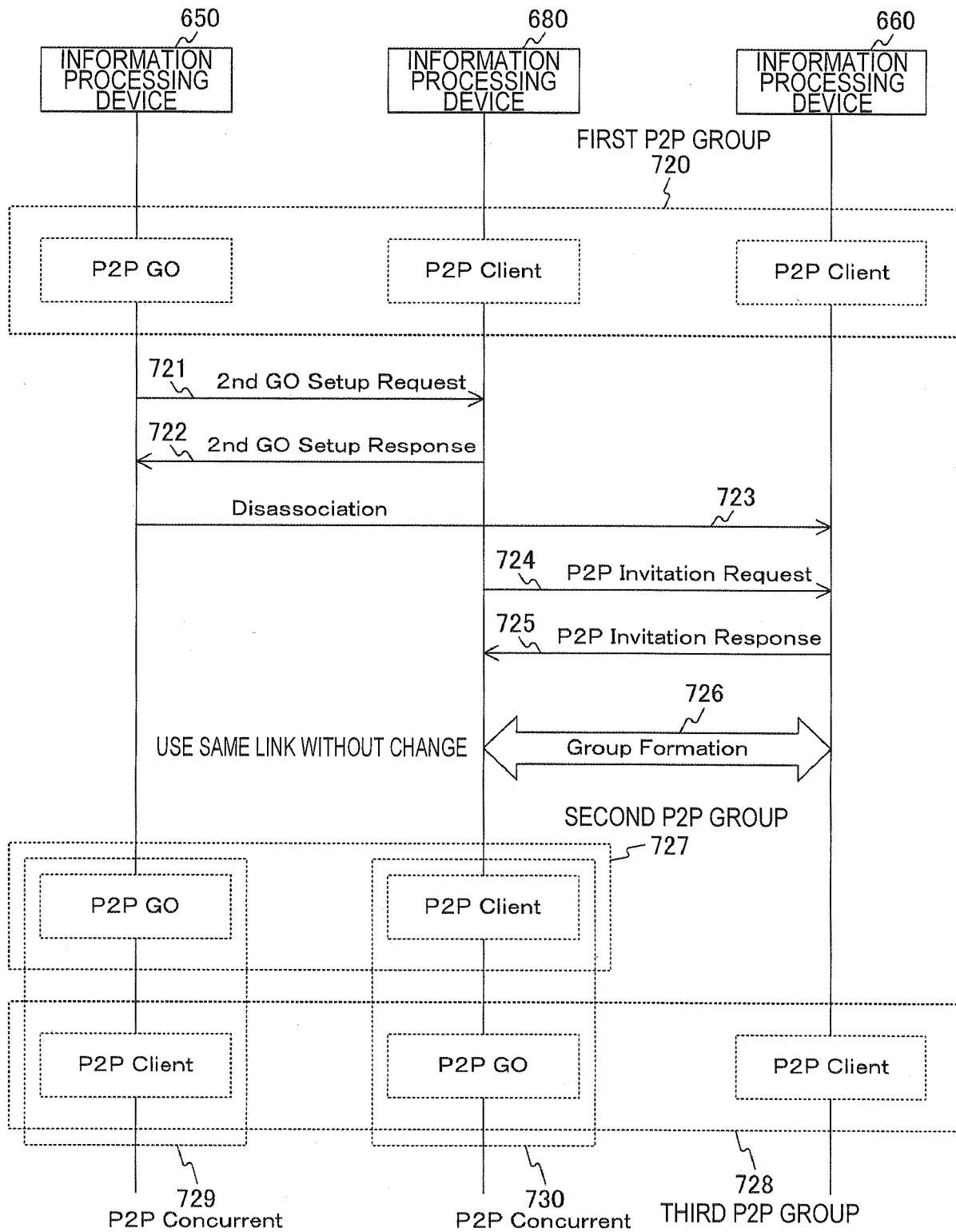
FIG. 21

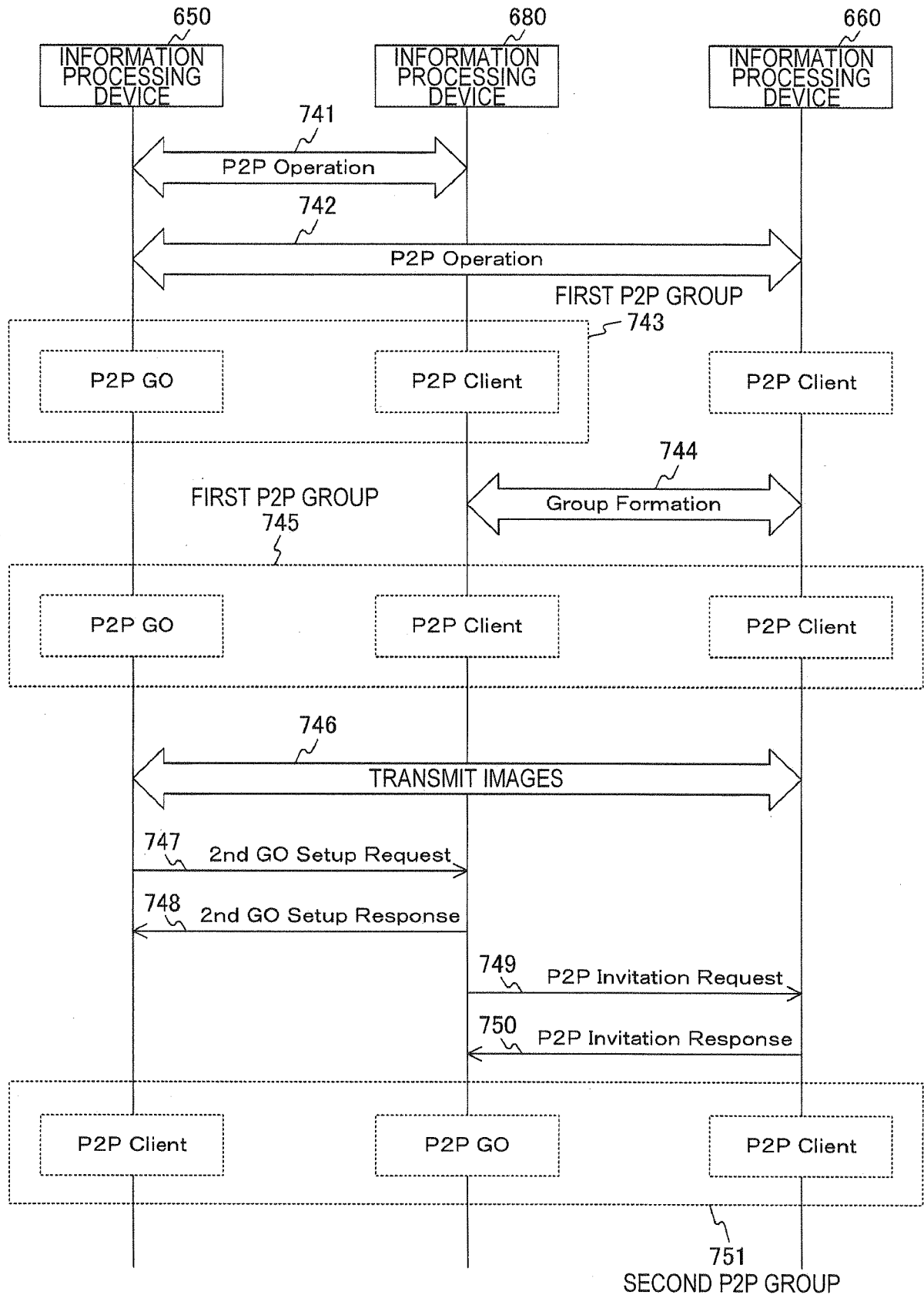
FIG. 22

FIG. 23Table 59 – General format of P2P action frame

Field	Size (octets)	Value (Hexadecimal)	Description
Category	1	0×7F	IEEE 802.11 vendor specific usage (IEEE Std 802.11–2007[1] Table 7–24).
OUI	3	50 6F 9A	WFA Specific OUI.
OUI type	1	0×09 (to be assigned)	Identifying the type or version of action frame. Setting to 09 indicates Wi-Fi P2P v1.0.
OUI Subtype	1		Identifying the type of P2P action frame. The specific value is defined in Table 60.
Dialog Token	1		When set to a nonzero value, used to identify the request/response transaction.
SubField	1		0: SAME FREQUENCY 1: OTHER FREQUENCIES
Elements	Variable		Including P2P IE or any information elements defined in IEEE Std 802.11–2007[1].

FIG. 24Table 60—P2P action frame type

Type	Notes
0	Notice of Absence
1	P2P Presence Request
2	P2P Presence Response
3	GO Discoverability Request
4	2nd GO Setup Request
5	2nd GO Setup Response
6–255	Reserved

FIG. 25Table 47—General format of P2P public action frame

Field	Size (octets)	Value (Hexadecimal)	Description
Category	1	0×04	IEEE 802. 11 public action usage.
Action field	1	0×09	IEEE 802. 11 vendor specific usage.
OUI	3	50 6F 9A	WFA Specific OUI.
OUI type	1	0×09 (to be assigned)	Identifying the type or version of action frame. Setting to 09 indicates WFA P2P v1. 0.
OUI Subtype	1		Identifying the type of P2P action frame. The specific value is defined in Table 48.
Invitation OMISSION FLAG	1		0: NOT OMITTED 1: OMITTED
Dialog Token	1		Set to a nonzero value to identify the request/response transaction.
Elements	Variable		Including P2P IE or any information elements defined in IEEE Std 802. 11–2007[1].

FIG. 26Table 48—P2P public action frame type

Type	Notes
0	GO Negotiation Request
1	GO Negotiation Response
2	GO Negotiation Confirmation
3	P2P Invitation Request
4	P2P Invitation Response
5	Device Discoverability Request
6	Device Discoverability Response
7	Provision Discovery Request
8	Provision Discovery Response
9–255	Reserved

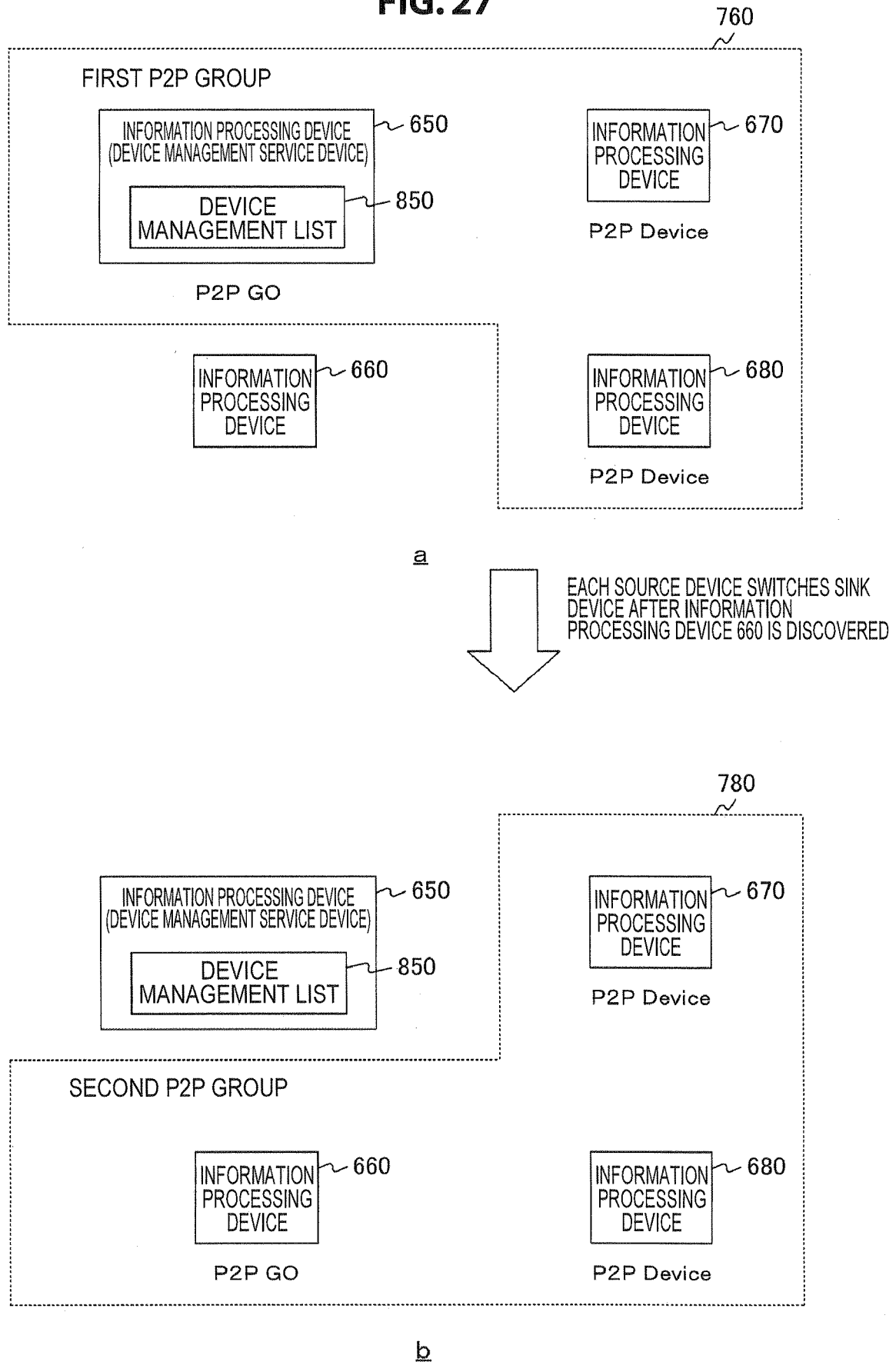
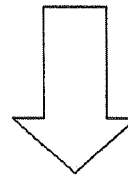
FIG. 27

FIG. 28

DEVICE
MANAGEMENT LIST
850

851 TERMINAL IDENTIFICATION INFORMATION	852 DEVICE NAME	853 COMMUNICATION SCHEME			
		WIRED OR WIRELESS	MAXIMUM TRANSMISSION SPEED	FREQUENCY CHANNEL	...
Source1	FIRST SOURCE	WIRELESS	1Gbps	60GHz /5GHz /2.4GHz	...
Source2	SECOND SOURCE	WIRELESS	2Gbps	60GHz /5GHz /2.4GHz	...

a



DISCOVER
INFORMATION PROCESSING DEVICE 660

DEVICE
MANAGEMENT LIST
850

851 TERMINAL IDENTIFICATION INFORMATION	852 DEVICE NAME	853 COMMUNICATION METHOD			
		WIRED OR WIRELESS	MAXIMUM TRANSMISSION SPEED	FREQUENCY CHANNEL	...
Source1	FIRST SOURCE	WIRELESS	1Gbps	60GHz /5GHz /2.4GHz	...
Source2	SECOND SOURCE	WIRELESS	2Gbps	60GHz /5GHz /2.4GHz	...
Sink2	SECOND SINK	WIRELESS	2Gbps	60GHz /5GHz /2.4GHz	...

b

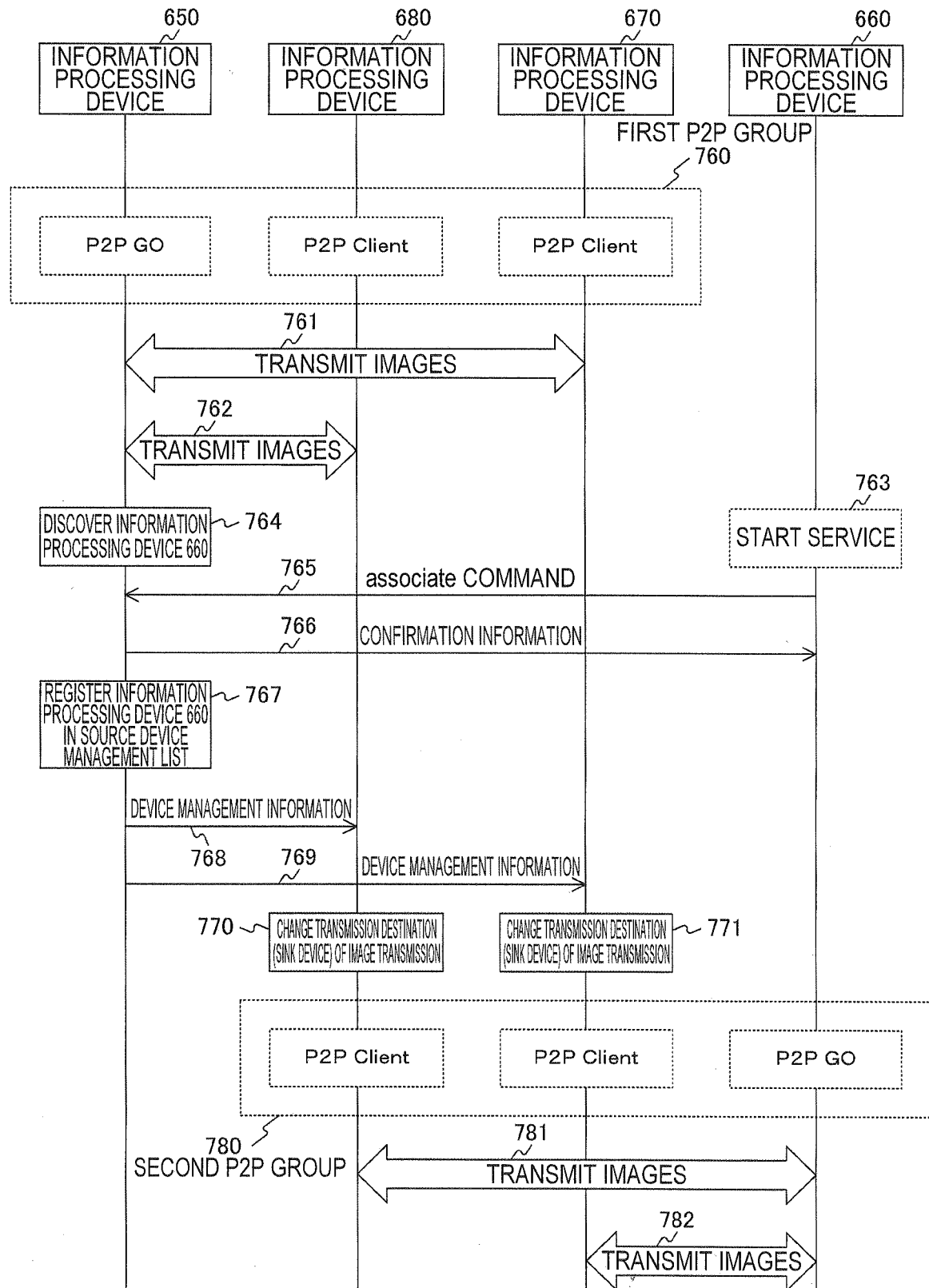
FIG. 29

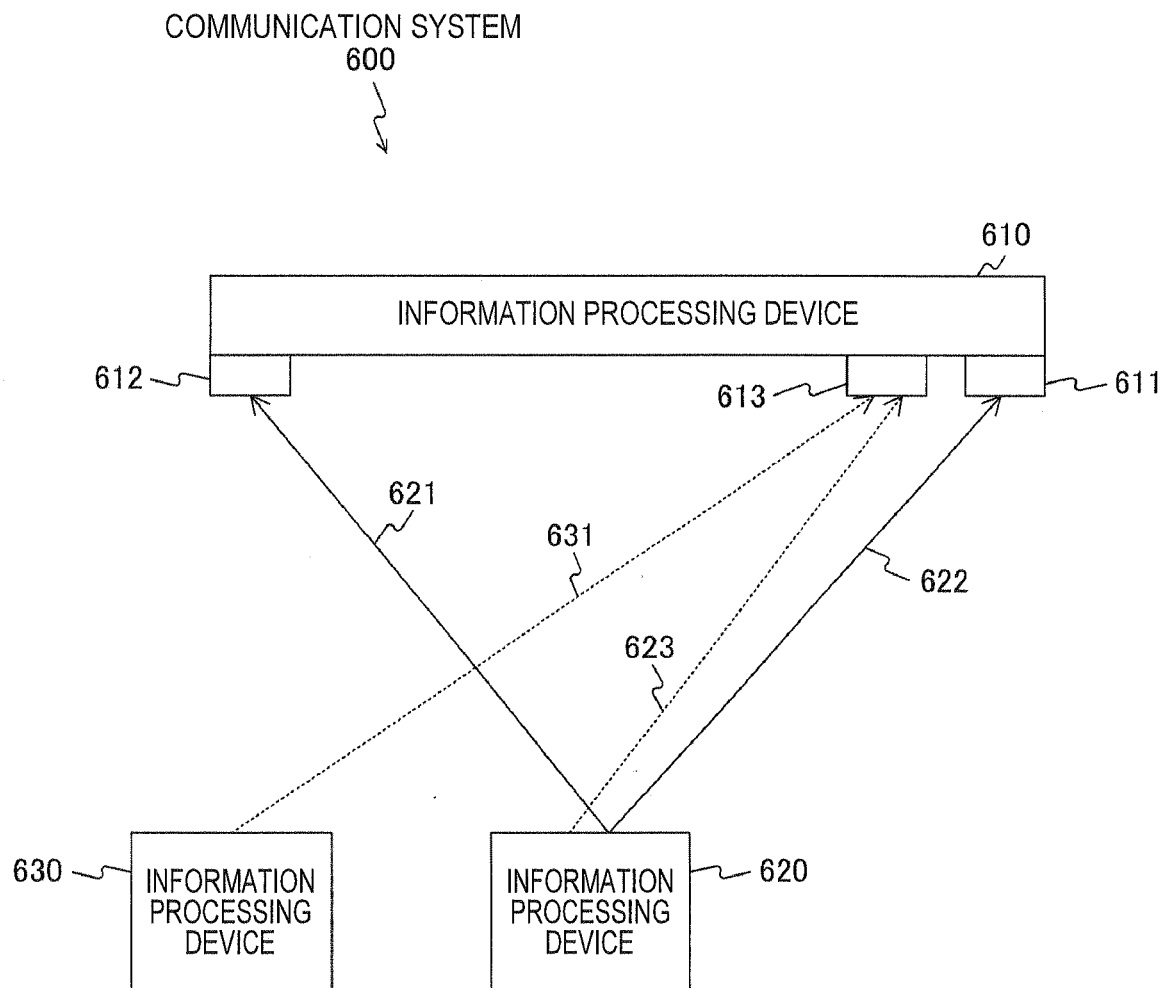
FIG. 30

FIG. 31

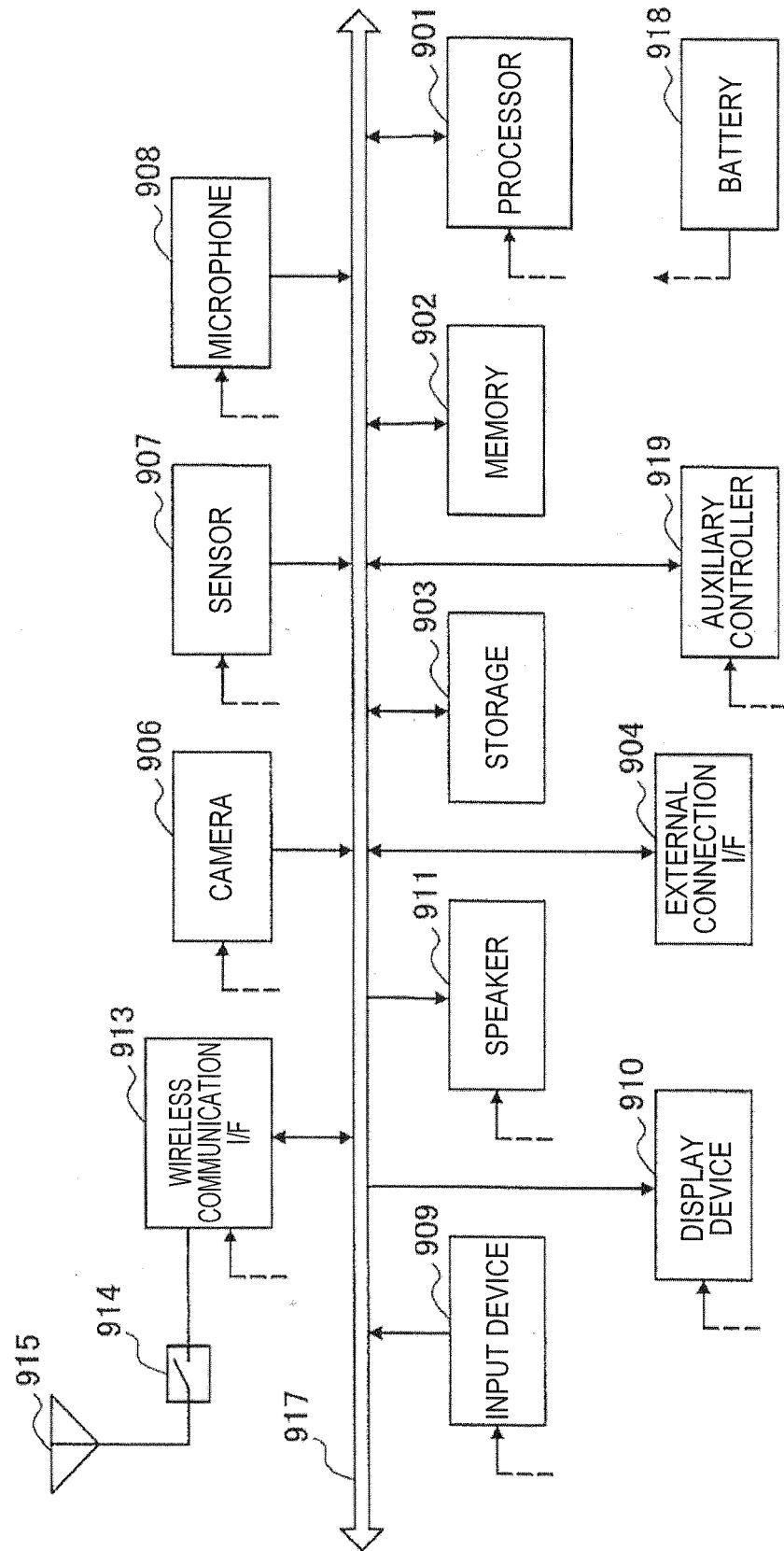


FIG. 32

