

FIG. 1

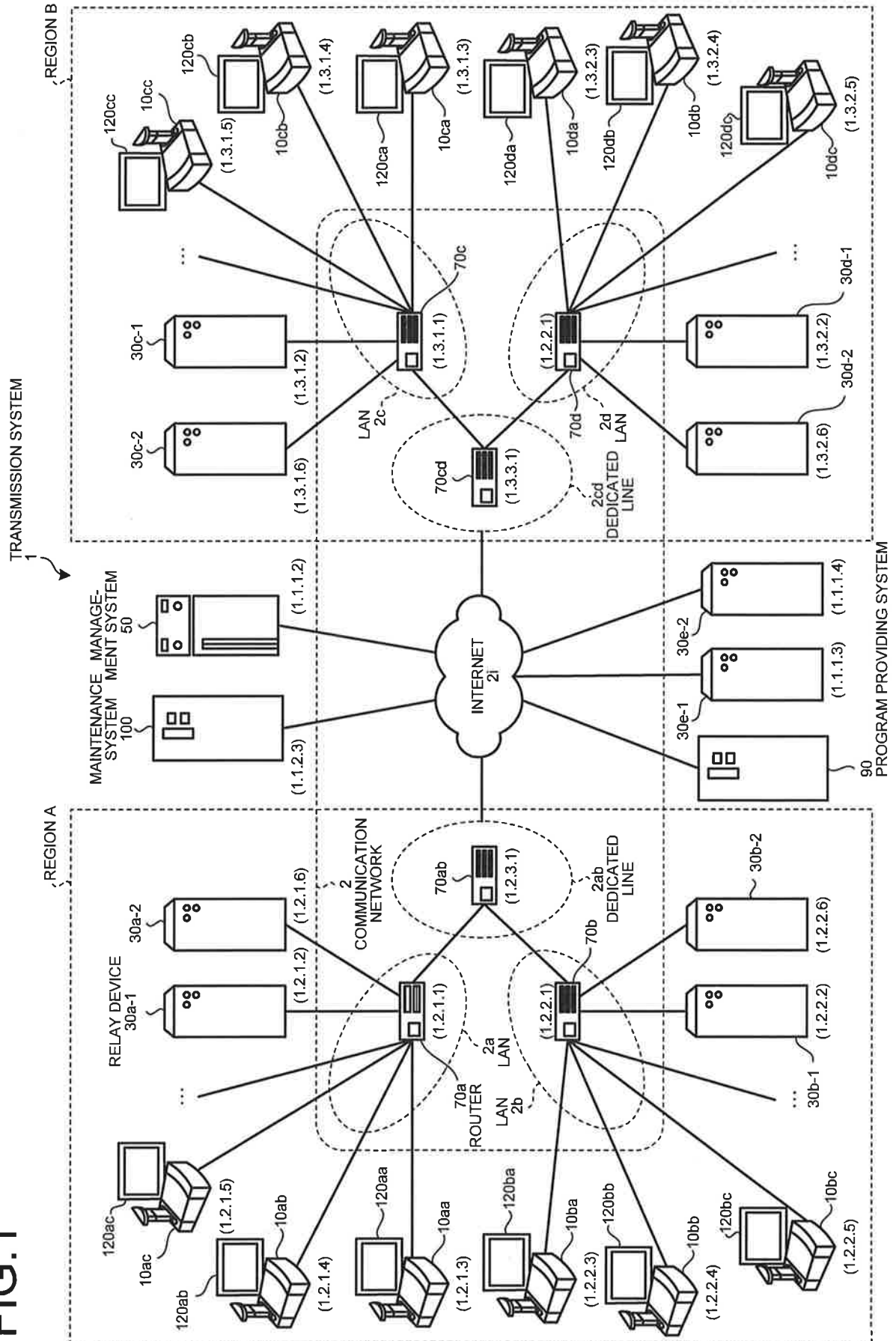


FIG.2

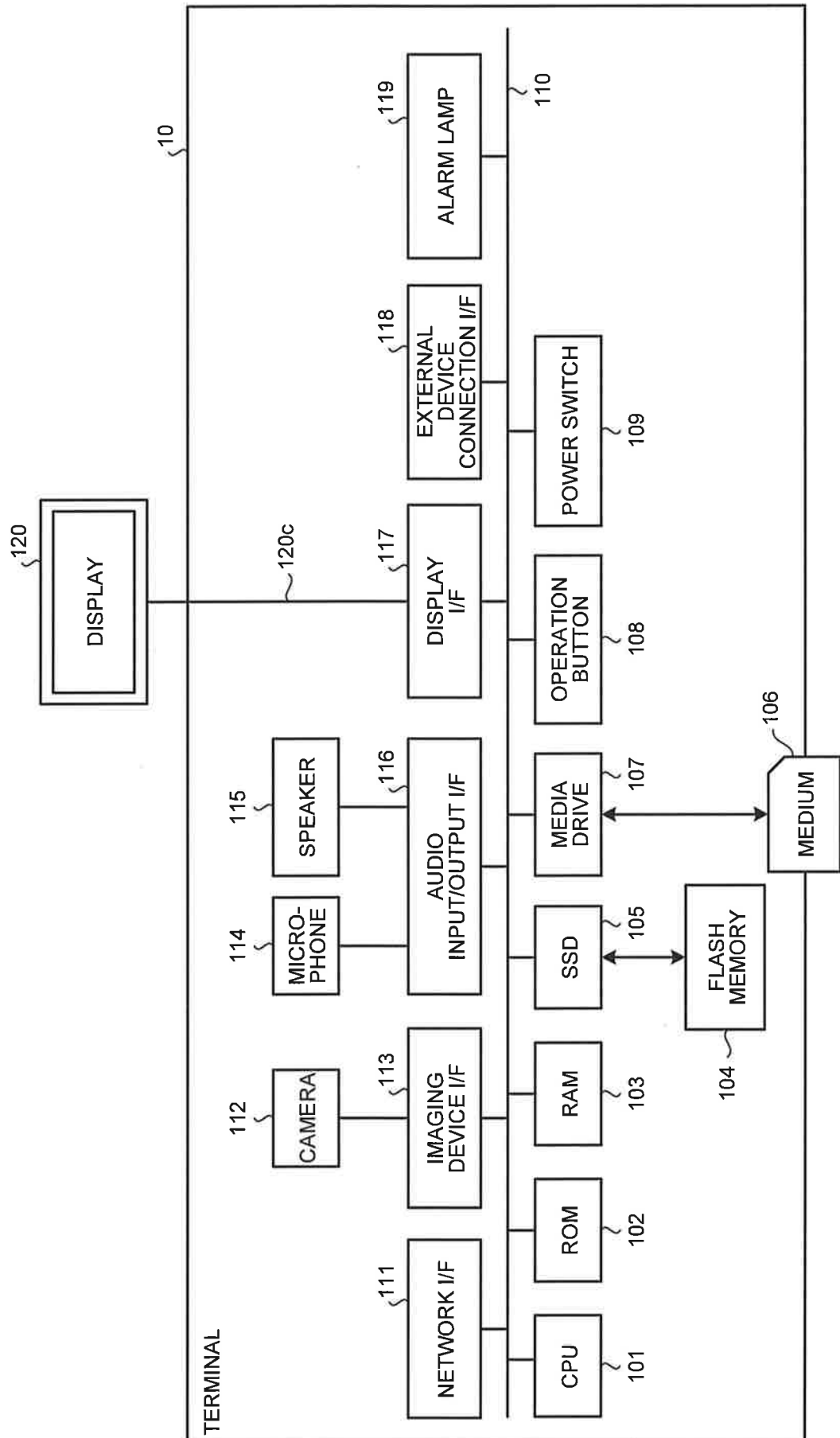


FIG.3

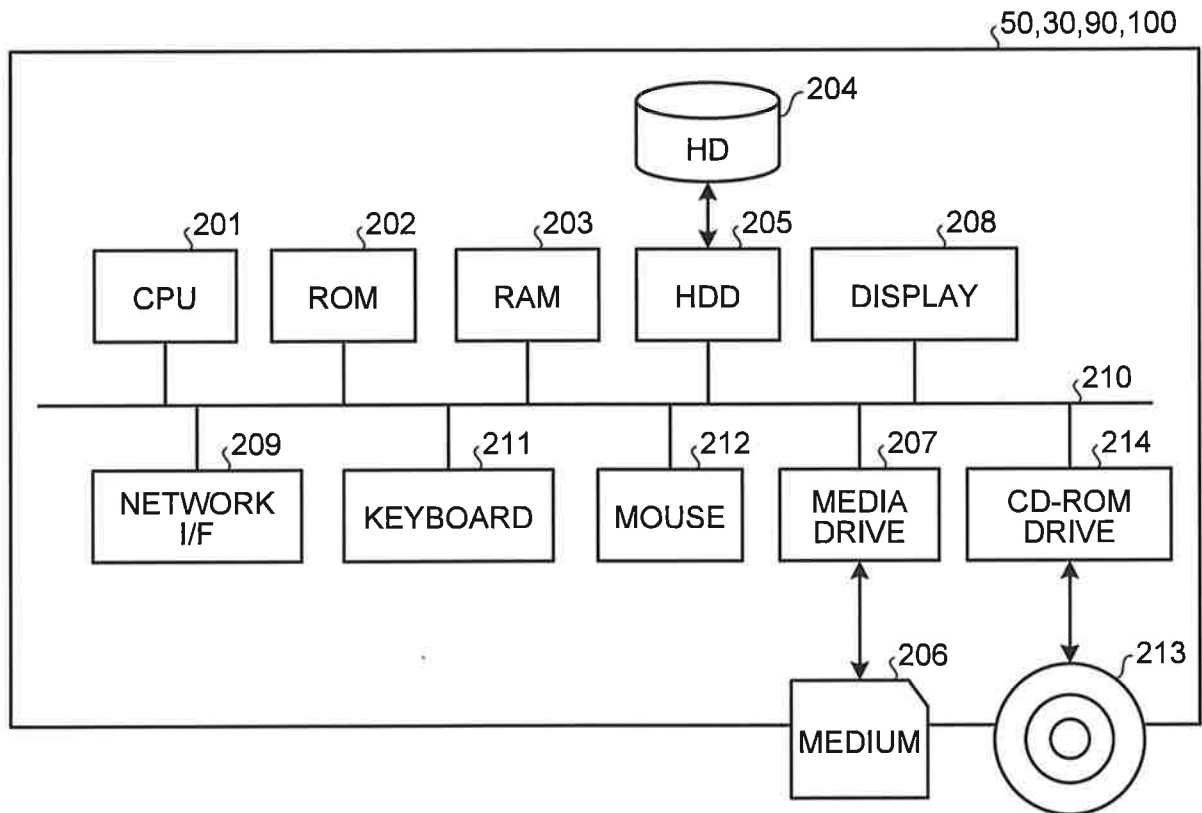


FIG. 4

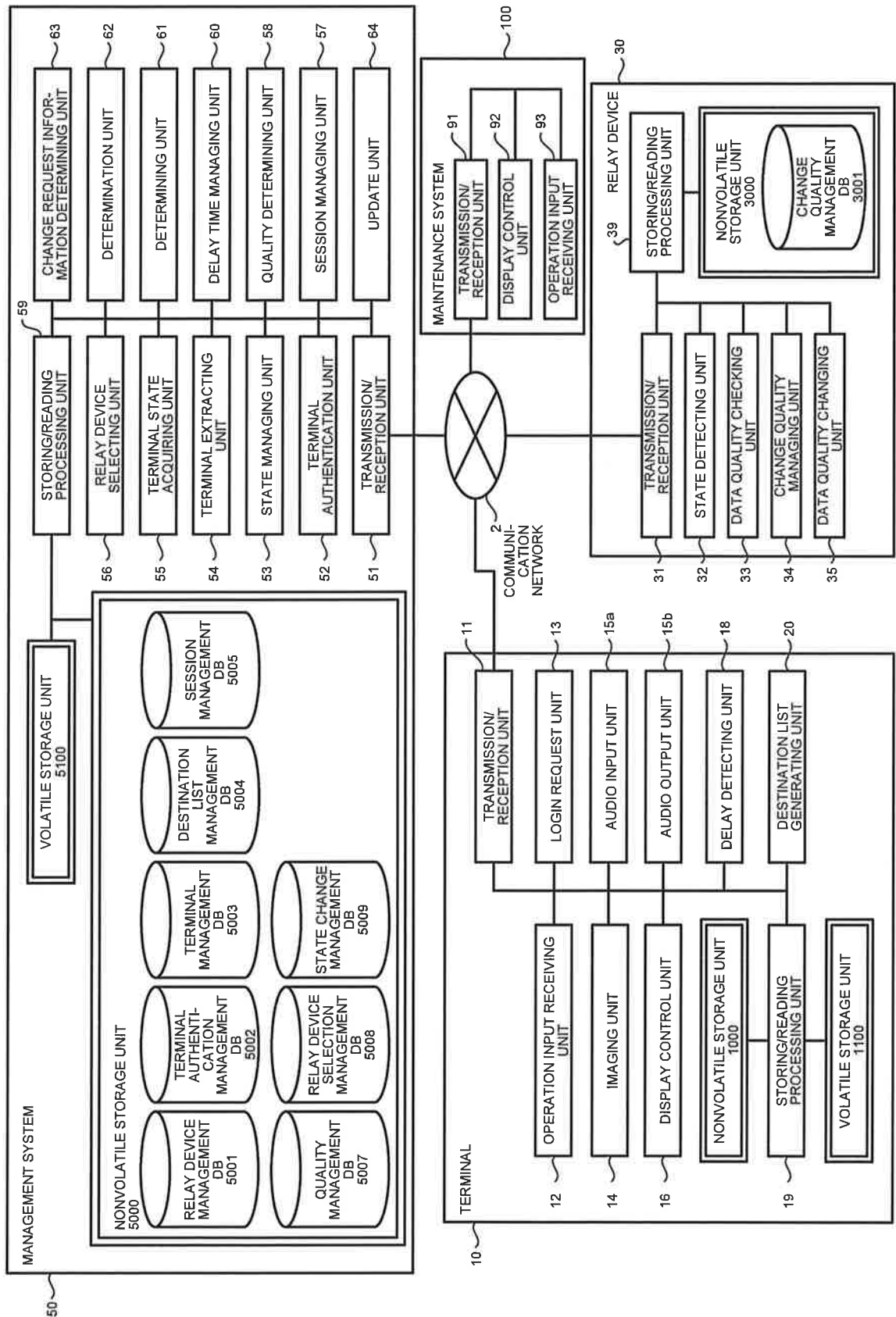


FIG.5

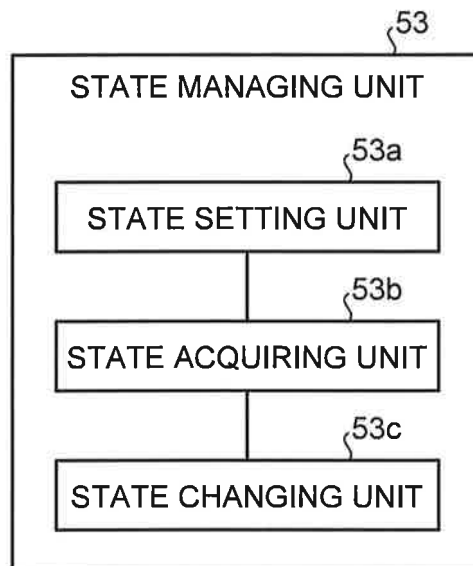


FIG.6

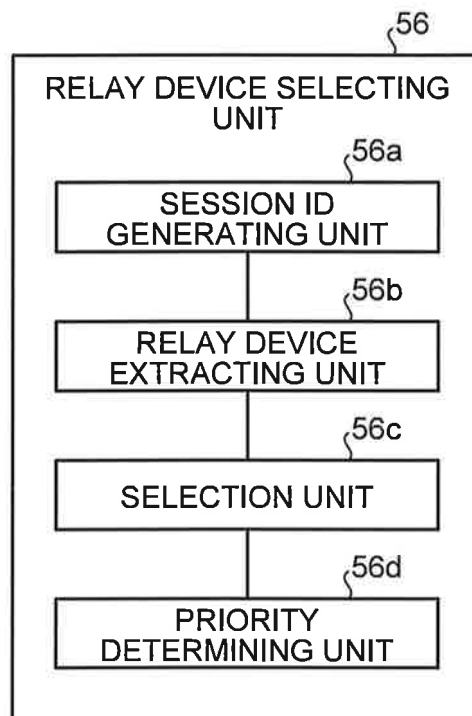


FIG.7

CHANGE QUALITY MANAGEMENT TABLE

IP ADDRESS OF RELAY DESTINATION TERMINAL	IMAGE QUALITY OF RELAYED IMAGE DATA (QUALITY OF IMAGE QUALITY)
1.3.2.4	HIGH IMAGE QUALITY
1.3.1.3	LOW IMAGE QUALITY
1.3.2.3	MEDIUM IMAGE QUALITY
...	...

FIG.8

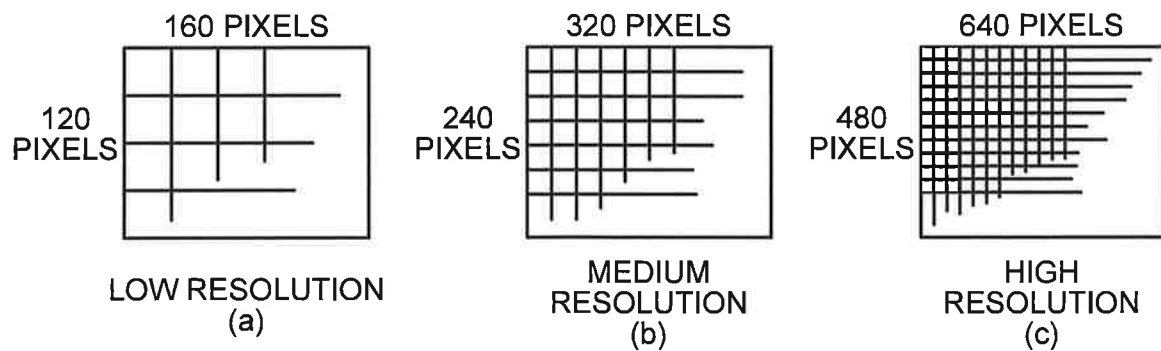


FIG.9

RELAY DEVICE MANAGEMENT TABLE

RELAY DEVICE ID	ACCEPTABILITY/ UNACCEPT- ABILITY	OPERATION STATE	RECEPTION DATE AND TIME	IP ADDRESS OF RELAY DEVICE	MAXIMUM DATA TRANSMISSION SPEED (Mbps)
111a1	ACCEPTABLE	ONLINE	2009.11.10.13:00	1.2.1.2	100
111a2	ACCEPTABLE	ONLINE	2009.11.10.13:00	1.2.1.6	100
111b1	ACCEPTABLE	ONLINE	2009.11.10.13:10	1.2.2.2	1000
111b2	UNACCEPTABLE	ONLINE	2009.11.10.13:10	1.2.2.6	1000
111c1	UNACCEPTABLE	OFFLINE	2009.11.10.13:20	1.3.1.2	100
111c2	UNACCEPTABLE	OFFLINE	2009.11.10.13:20	1.3.1.6	100
111d1	ACCEPTABLE	ONLINE	2009.11.10.13:30	1.3.2.2	10
111d2	ACCEPTABLE	ONLINE	2009.11.10.13:30	1.3.2.6	10
111e1	UNACCEPTABLE	ONLINE	2009.11.10.13:30	1.1.1.3	1000
111e2	ACCEPTABLE	ONLINE	2009.11.10.13:30	1.1.1.4	1000

FIG.10

TERMINAL AUTHENTICATION
MANAGEMENT TABLE

TERMINAL ID	PASSWORD
01aa	aaaa
01ab	abab
01ba	baba
...	...

FIG.11

TERMINAL MANAGEMENT TABLE

TERMINAL ID	DESTINATION NAME	OPERATION STATE	COMMUNICA-TION STATE	RECEPTION DATE AND TIME	IP ADDRESS OF TERMINAL
01aa	JAPAN TOKYO OFFICE TERMINAL AA	ONLINE	None	2009.11.10.13:40	1.2.1.3
01ab	JAPAN TOKYO OFFICE TERMINAL AB	OFFLINE		2009.11.09.12:00	1.2.1.4
...	...	...	...	...	...
01ba	JAPAN OSAKA OFFICE TERMINAL BA	ONLINE	Calling	2009.11.10.13:45	1.2.2.3
01bb	JAPAN OSAKA OFFICE TERMINAL BB	ONLINE	None	2009.11.10.13:50	1.2.2.4
...	...	...	...	...	...
01ca	U.S. NEW YORK OFFICE TERMINAL CA	OFFLINE		2009.11.10.12:45	1.3.1.3
01cb	U.S. NEW YORK OFFICE TERMINAL CB	ONLINE	None	2009.11.10.13:55	1.3.1.4
...	...	...	...	...	...
01da	U.S. WASHINGTON OFFICE TERMINAL DA	ONLINE	Busy	2009.11.08.12:45	1.3.2.3
01db	U.S. WASHINGTON OFFICE TERMINAL DB	ONLINE	None	2009.11.10.12:45	1.3.2.4
...	...	...	...	...	...

FIG.12

DESTINATION LIST MANAGEMENT TABLE

REQUEST SOURCE TERMINAL ID	DESTINATION TERMINAL ID
01aa	01ab, ..., 01ba, 01bb, ..., 01ca, 01cb ..., 01da, 01db, ...
01ab	01aa, 01ca, 01cb
01ba	01aa, 01ab, 01ca, 01cb, 01da, 01db
...	...
01db	01aa, 01ab, 01ba, ..., 01da, 01ca, 01cb ..., 01da
...	...

FIG.13

SESSION MANAGEMENT TABLE

SESSION ID	RELAY DEVICE ID	REQUEST SOURCE TERMINAL ID	DESTINATION TERMINAL ID	DELAY TIME (ms)	DELAY INFORMATION RECEPTION DATE AND TIME
se1	111a1	01aa	01bb, 01cb, 01db	200	2009.11.10.14:00
se2	111b2	01ba	01ca	50	2009.11.10.14:10
se3	111d2	01bb	01da	400	2009.11.10.14:20
...	...	...	...	...	...

FIG.14

QUALITY MANAGEMENT TABLE

DELAY TIME (ms)	IMAGE QUALITY OF IMAGE DATA (QUALITY OF IMAGE)
0 TO 100	HIGH IMAGE QUALITY
100 TO 300	MEDIUM IMAGE QUALITY
300 TO 500	LOW IMAGE QUALITY
500 TO	(STOP)

FIG.15

RELAY DEVICE SELECTION
MANAGEMENT TABLE

TERMINAL ID	RELAY DEVICE ID
01aa	111a1
01aa	111a2
01aa	111e1
01aa	111e2
01ab	111a1
01ab	111a2
01ab	111e1
01ab	111e2
...	...
01ba	111b1
01ba	111b2
01ba	111e1
01ba	111e2
01bb	111b1
01bb	111b2
01bb	111e1
01bb	111e2
...	...
01ca	111c1
01ca	111c2
01ca	111e1
01ca	111e2
01cb	111c1
01cb	111c2
01cb	111e1
01cb	111e2
...	...
01da	111d1
01da	111d2
01da	111e1
01da	111e2
01db	111d1
01db	111d2
01db	111e1
01db	111e2
...	...

FIG.16

STATE CHANGE MANAGEMENT TABLE

CHANGE REQUEST INFORMATION	BEFORE-CHANGE STATE INFORMATION	CHANGE INFORMATION
Call	None	Accepted
Join	Accepted	Busy
Leave	Busy	None

FIG.17

STATE CHANGE MANAGEMENT TABLE

CHANGE REQUEST INFORMATION	TERMINAL INFORMATION	BEFORE-CHANGE STATE INFORMATION	CHANGE INFORMATION
Invite	REQUEST SOURCE	None	Calling
	DESTINATION	None	Ringing
	OWN TERMINAL SELECTION	None	Accepted
Accept	REQUEST SOURCE	Calling	Accepted
		Accepted	Accepted
	DESTINATION	Ringing	Accepted
Cancel	REQUEST SOURCE	Accepted	Accepted
		Calling	None
	DESTINATION	Ringing	None

FIG.18

STATE CHANGE MANAGEMENT TABLE

CHANGE REQUEST INFORMATION	TERMINAL INFORMATION	DETERMINATION INFORMATION	BEFORE-CHANGE STATE INFORMATION	CHANGE INFORMATION
Reject	REQUEST SOURCE	PART	Calling	Calling
		ALL	Calling	None
		PART	Accepted	Accepted
	DESTINATION		Ringing	None

FIG.19

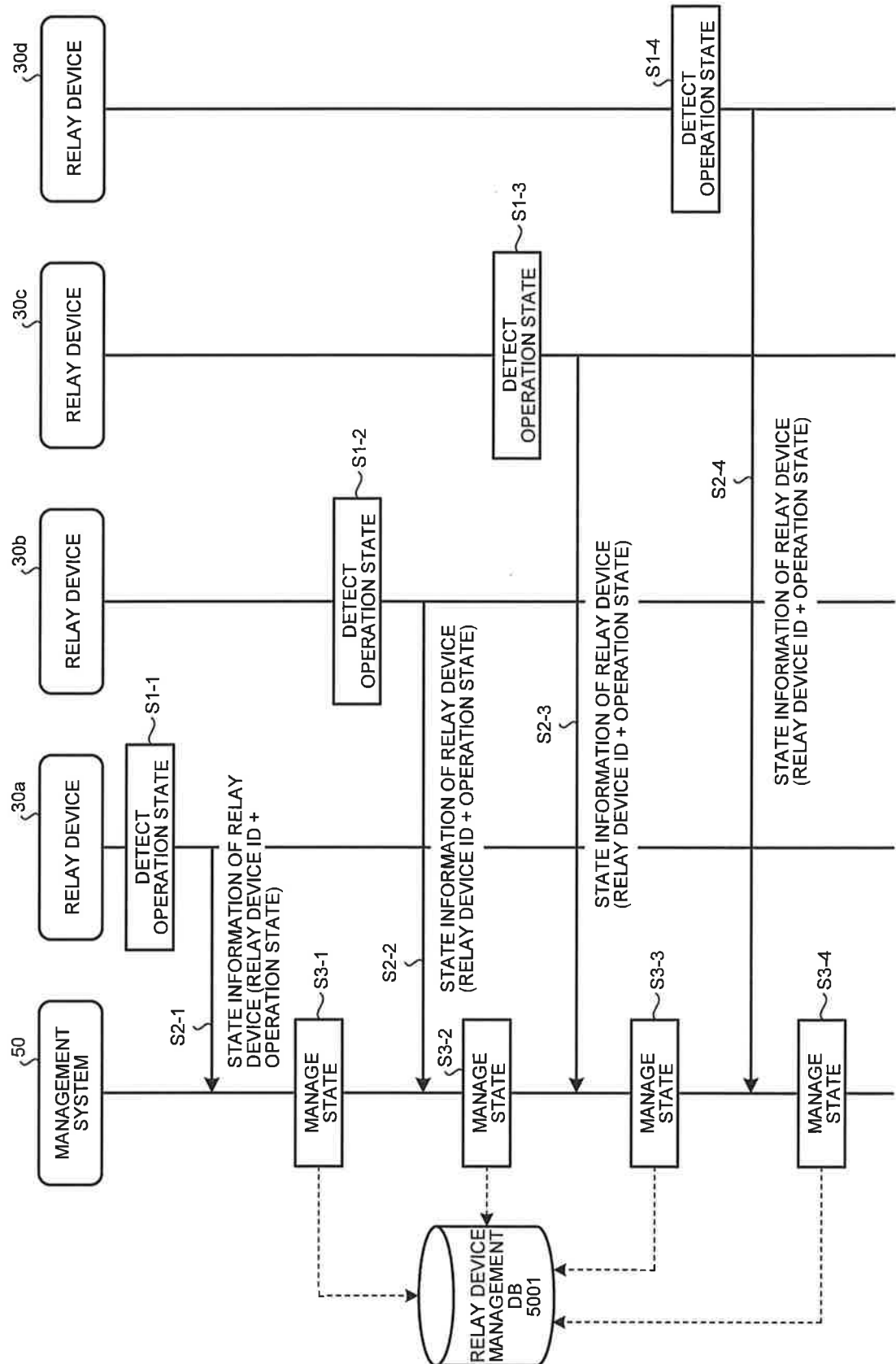
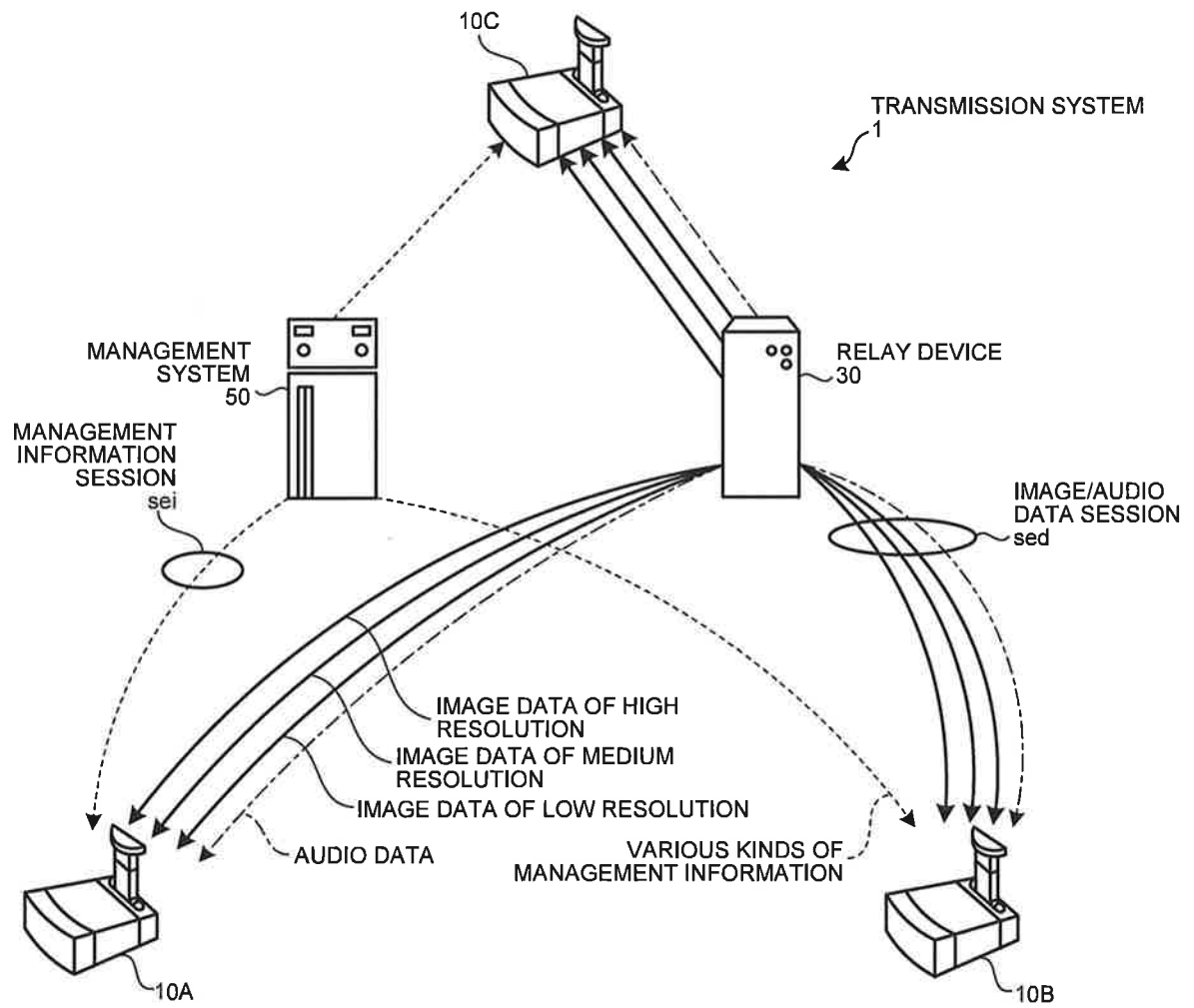


FIG.20



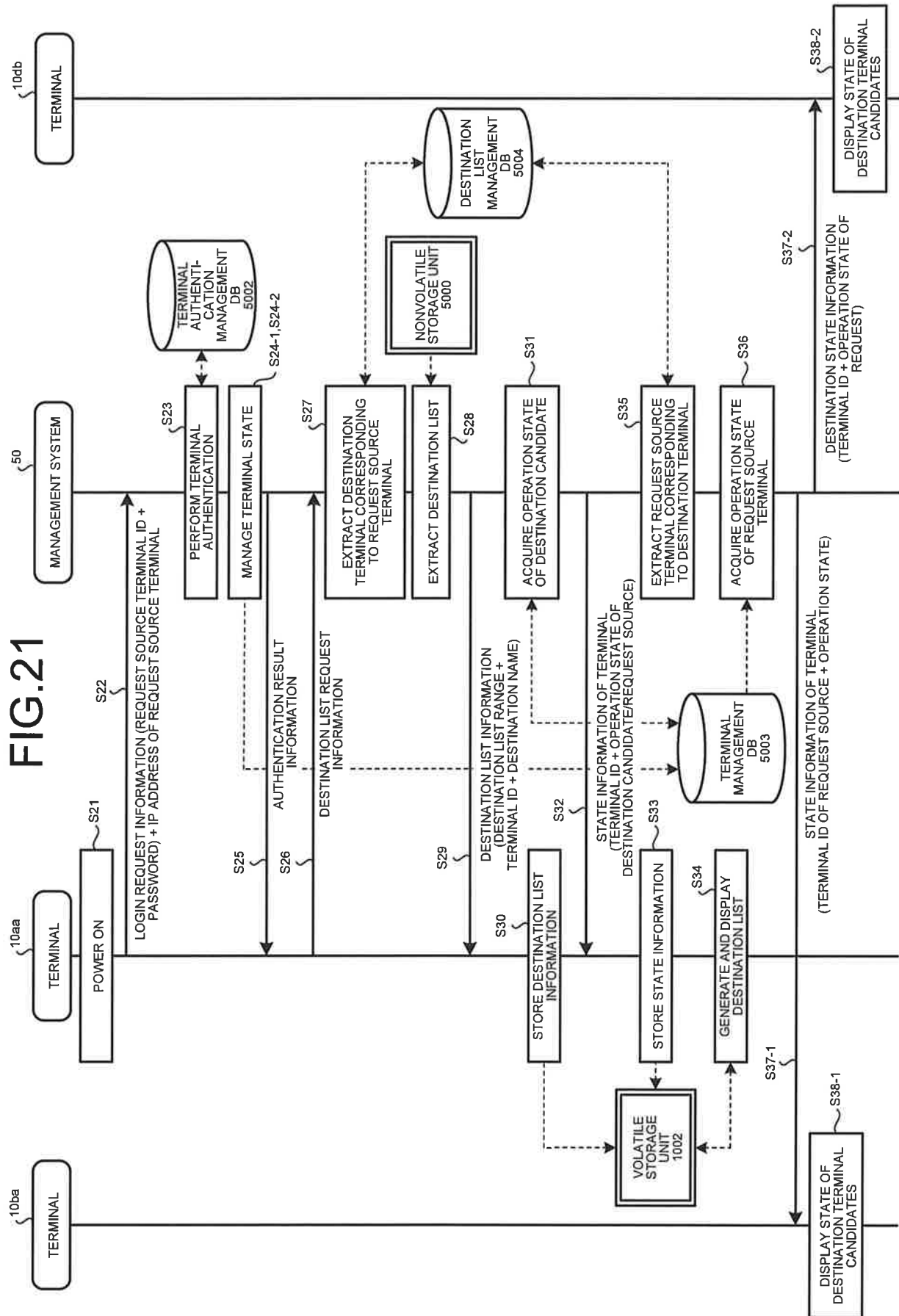


FIG.22

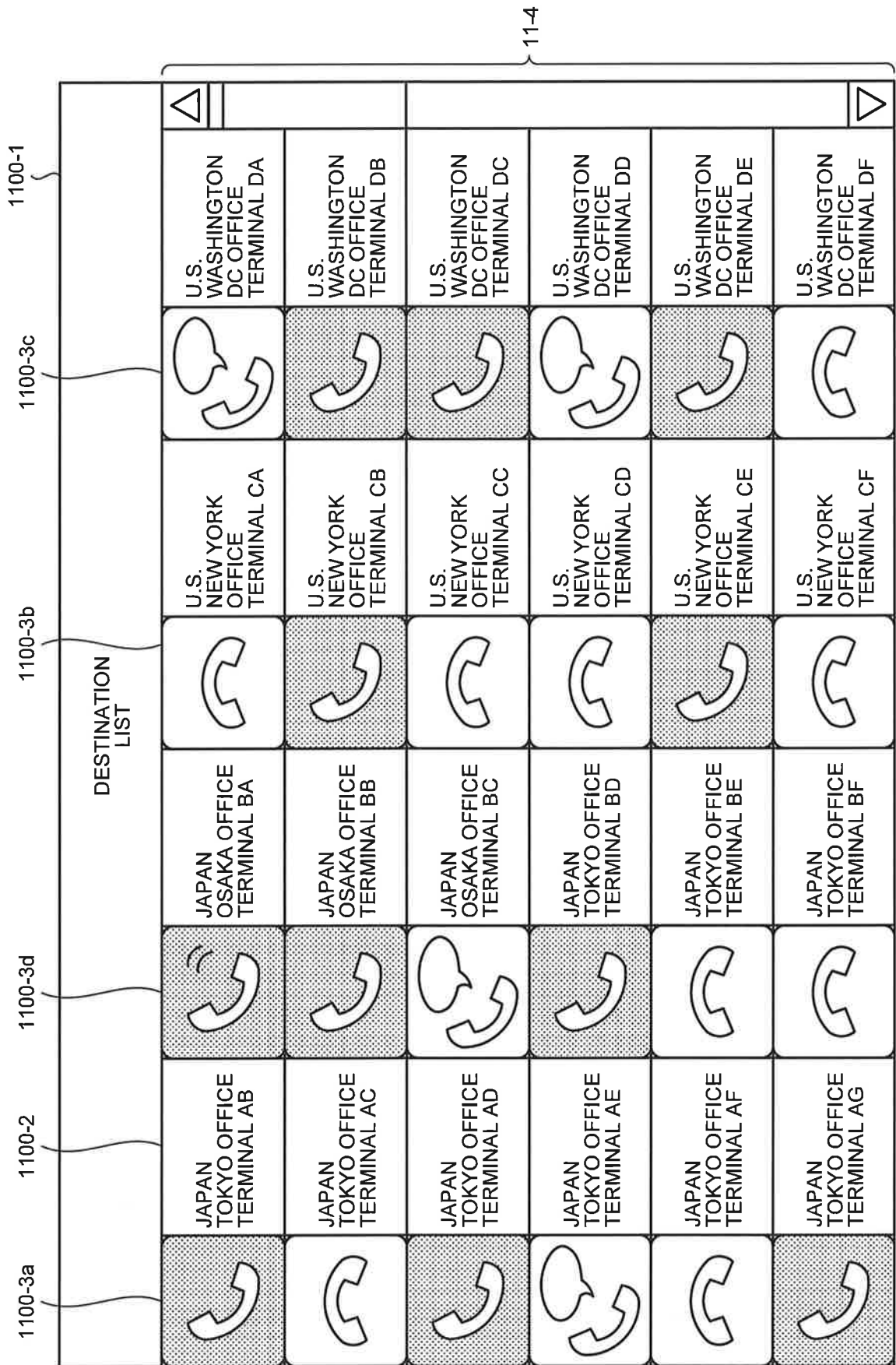


FIG.23

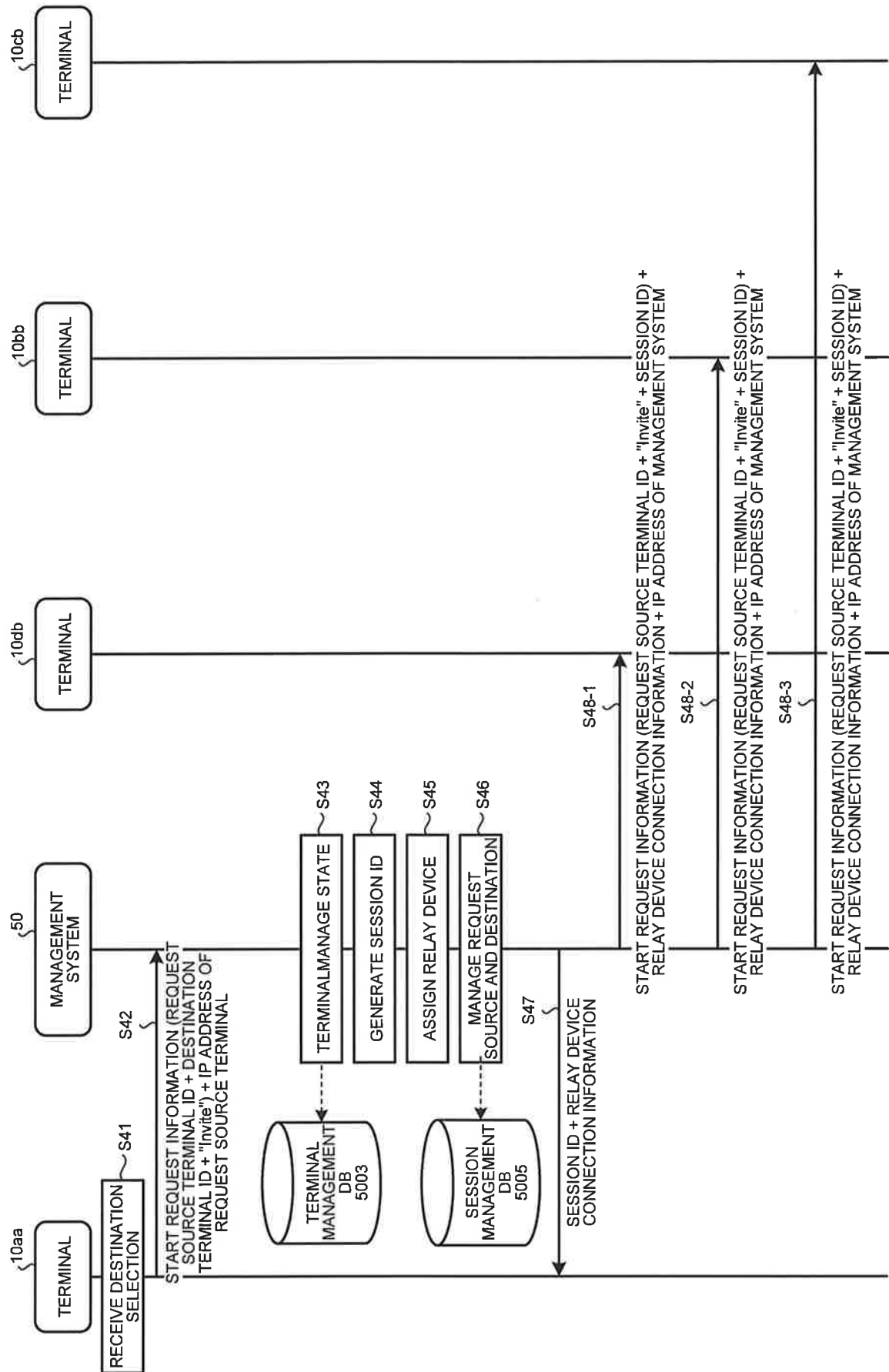


FIG.24

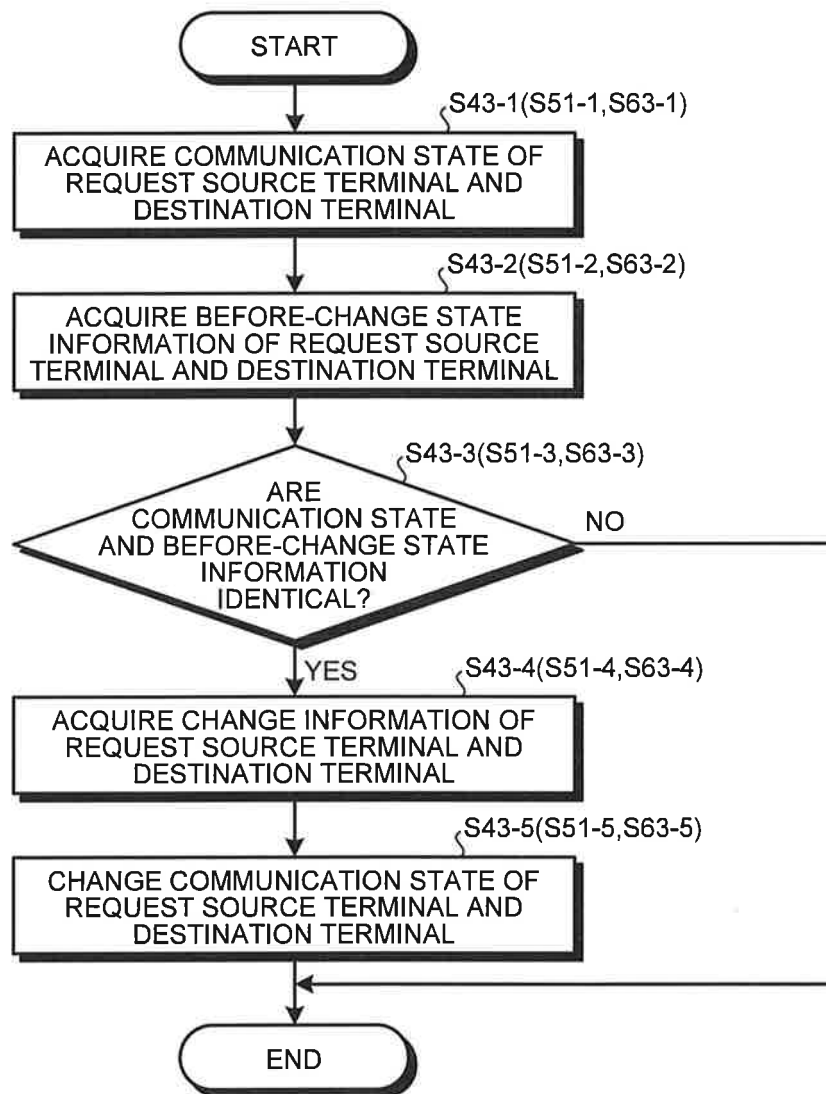


FIG.25

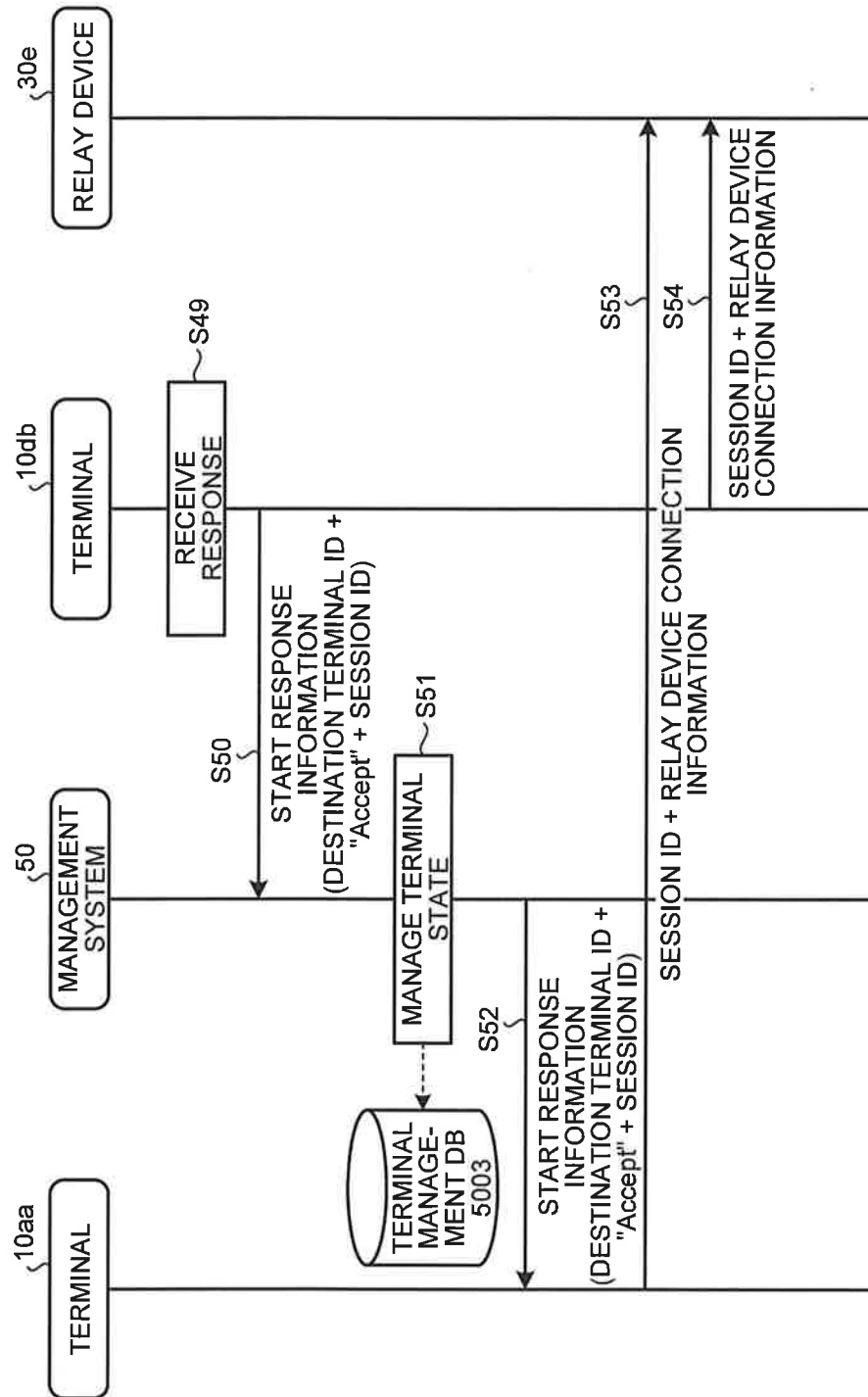


FIG.26

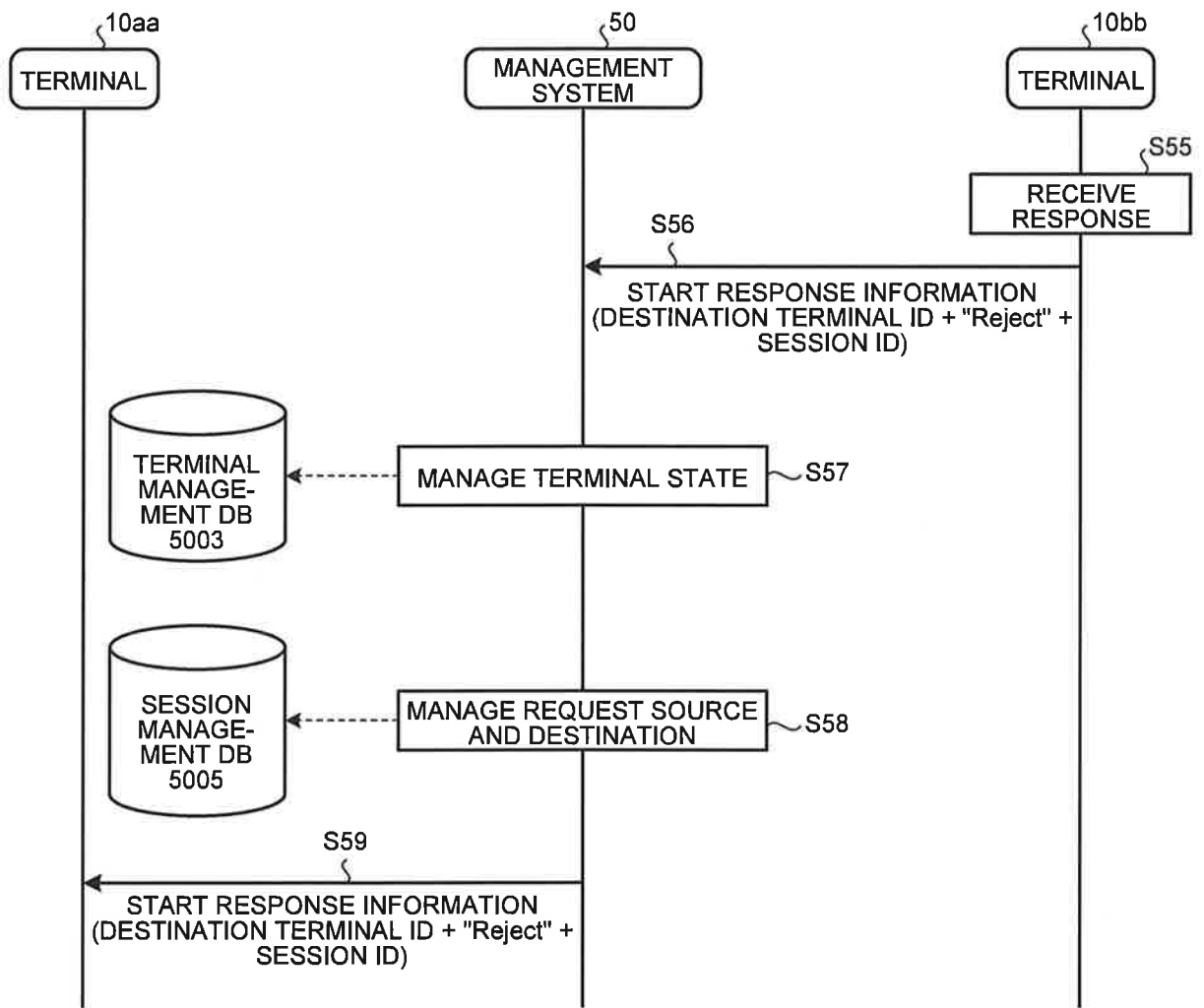


FIG.27

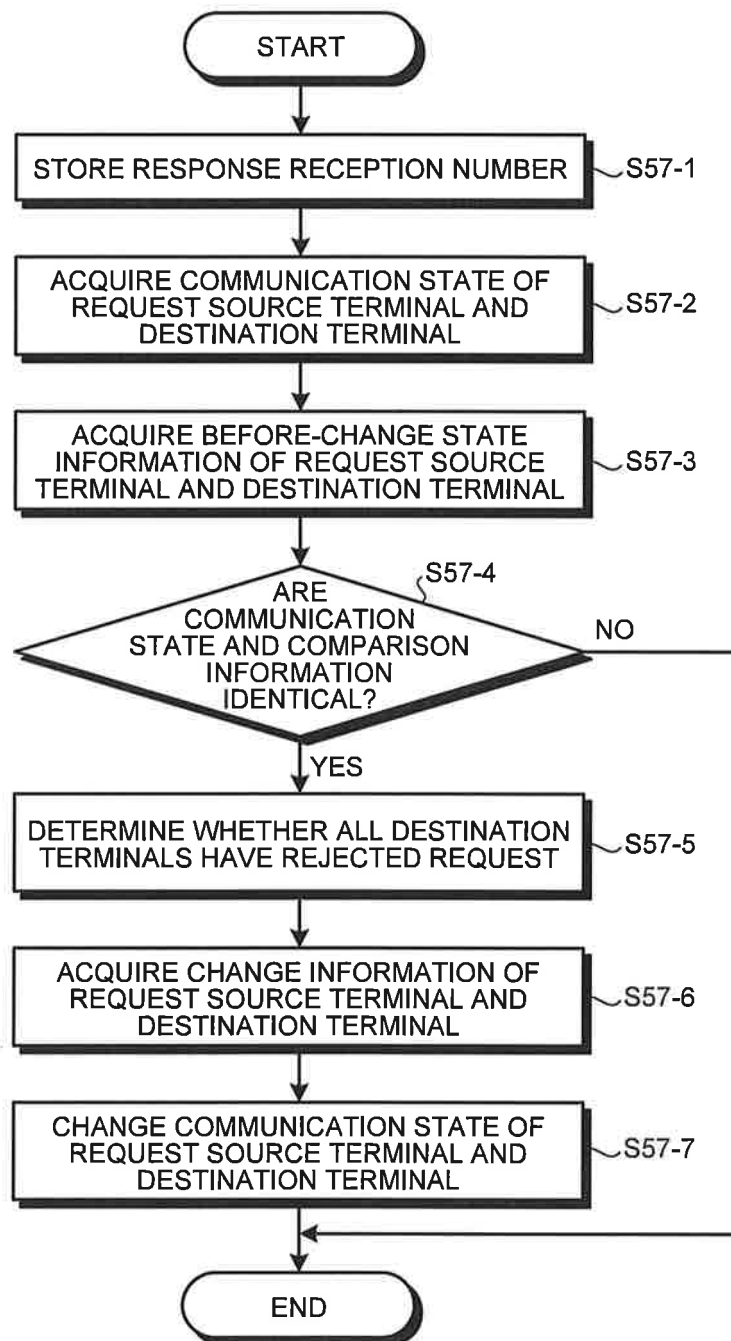
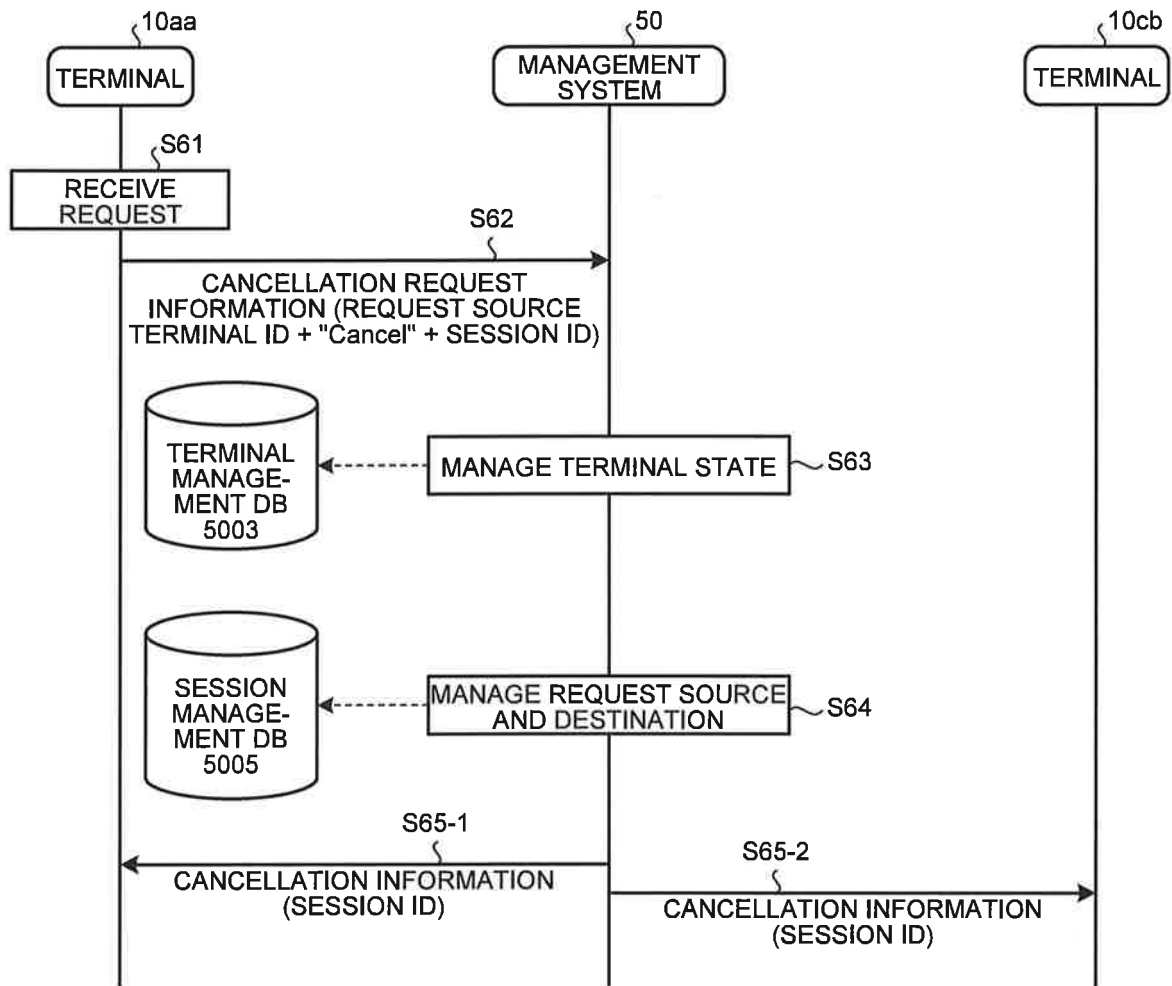


FIG.28



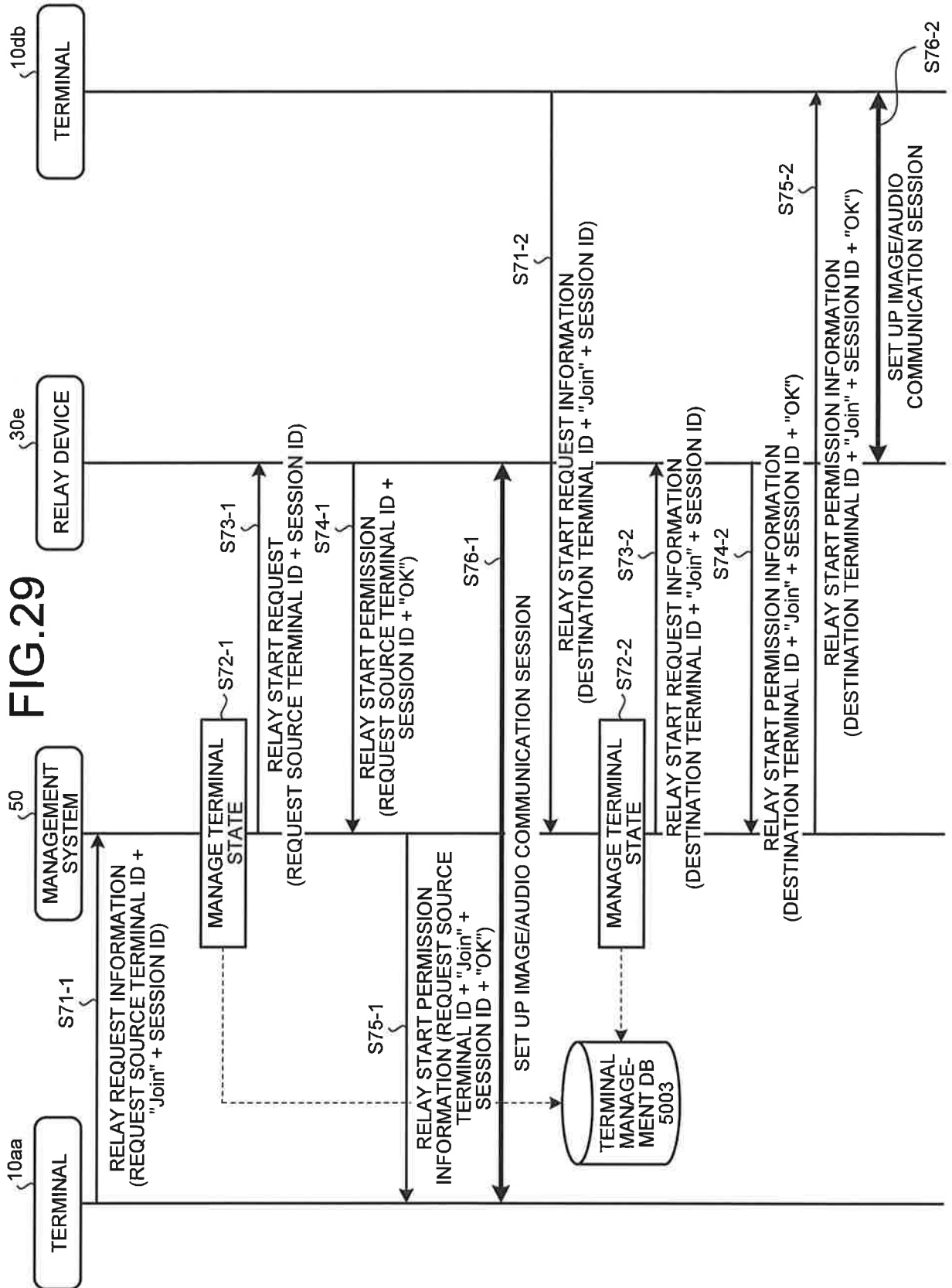


FIG.30

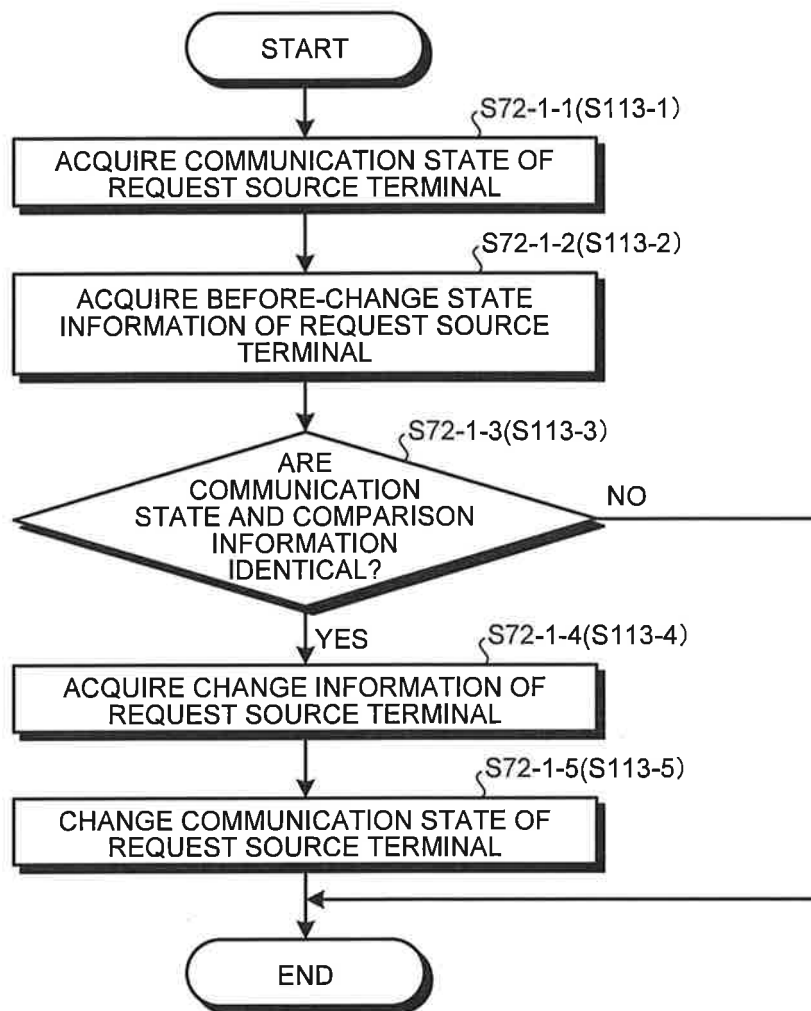


FIG.31

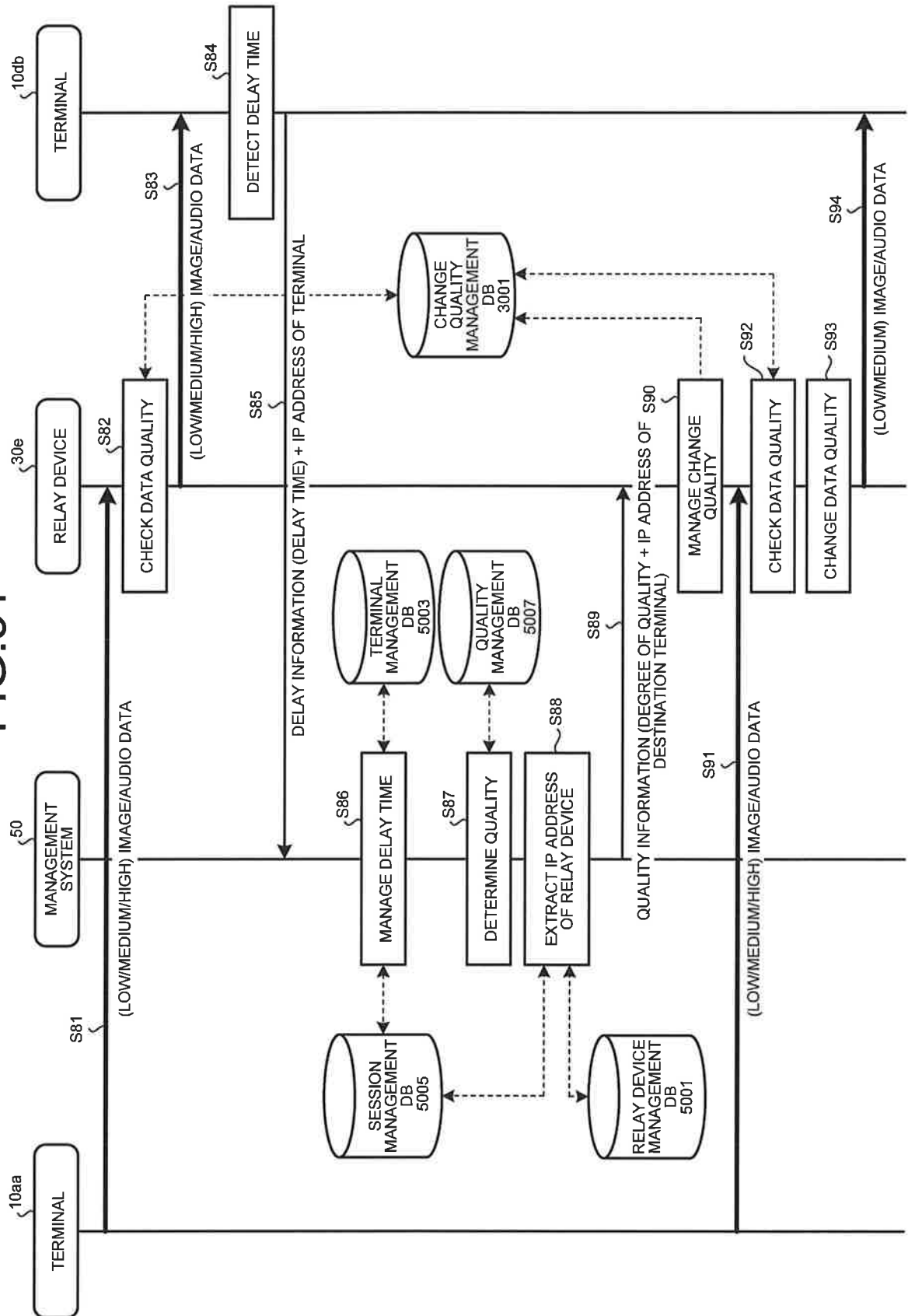


FIG. 32

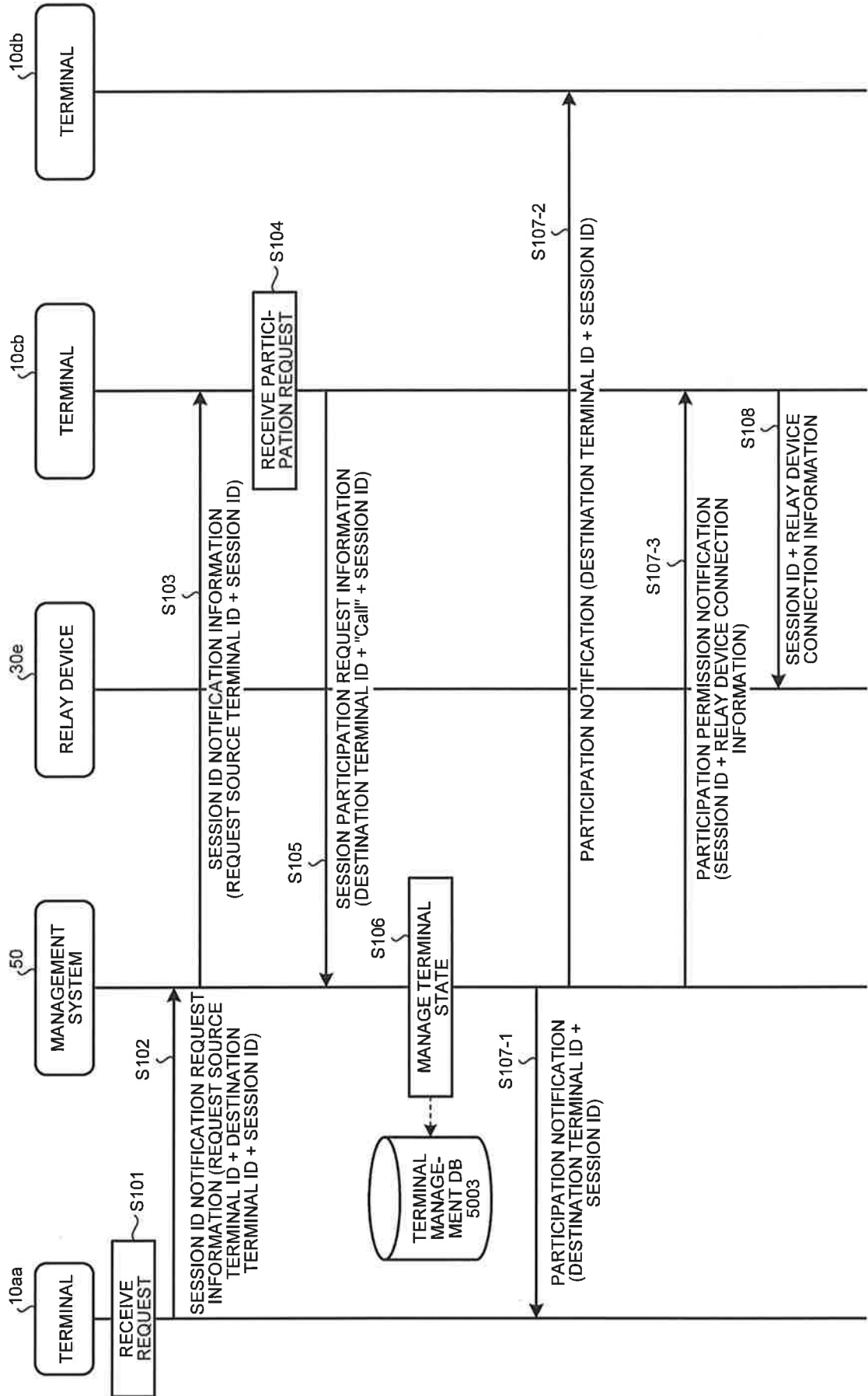


FIG.33

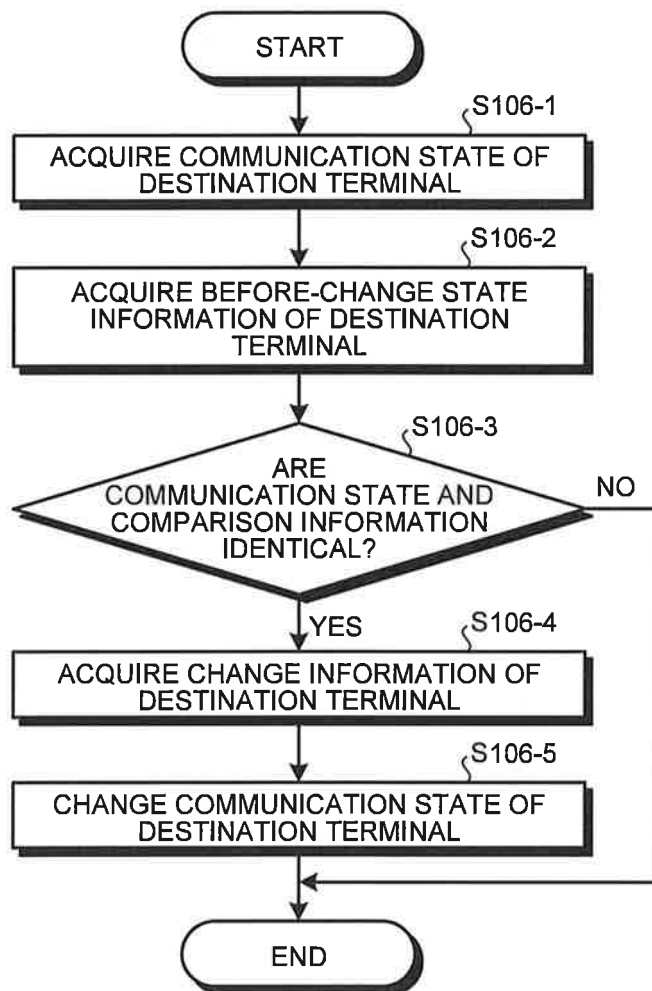


FIG.34

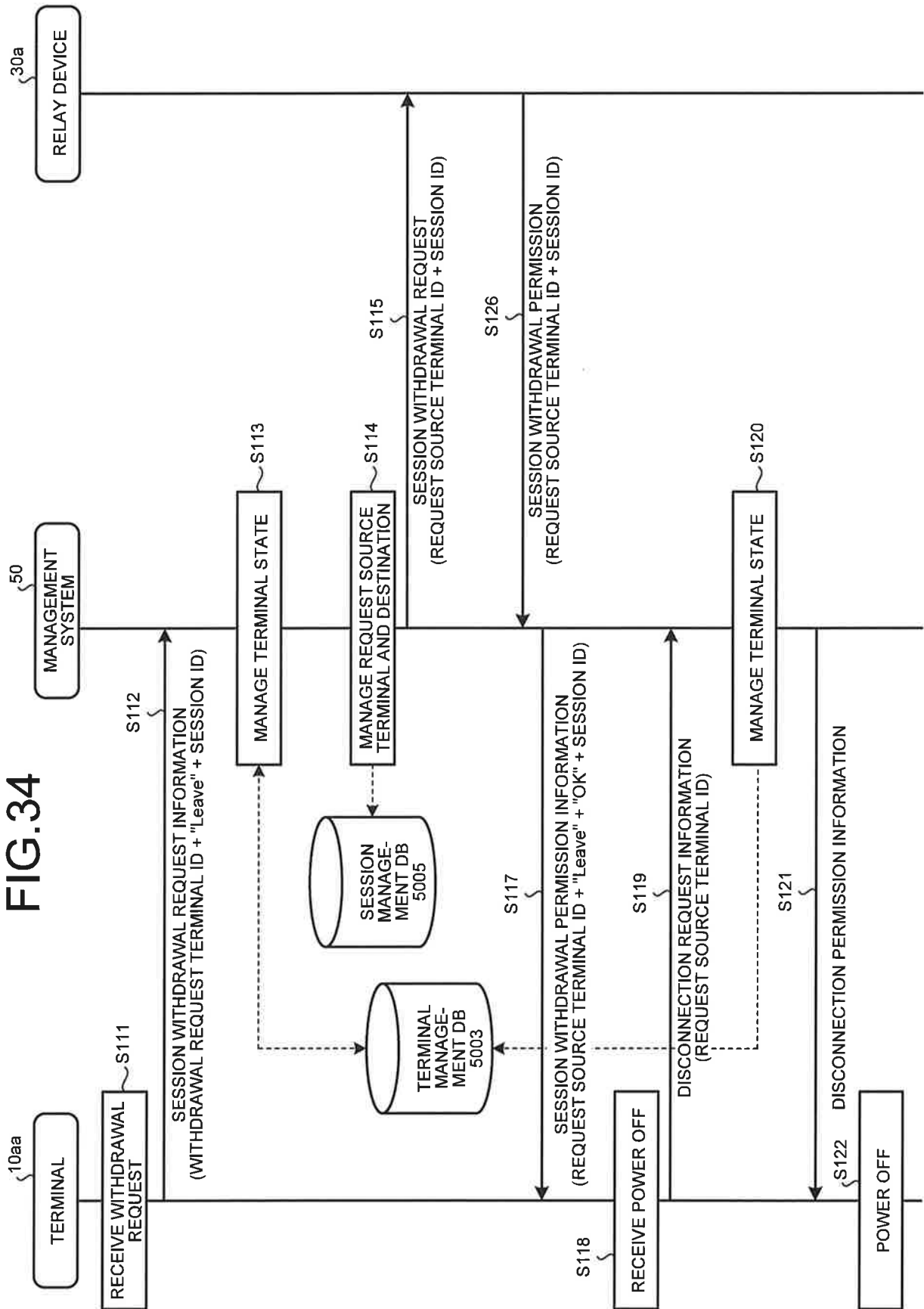


FIG.35

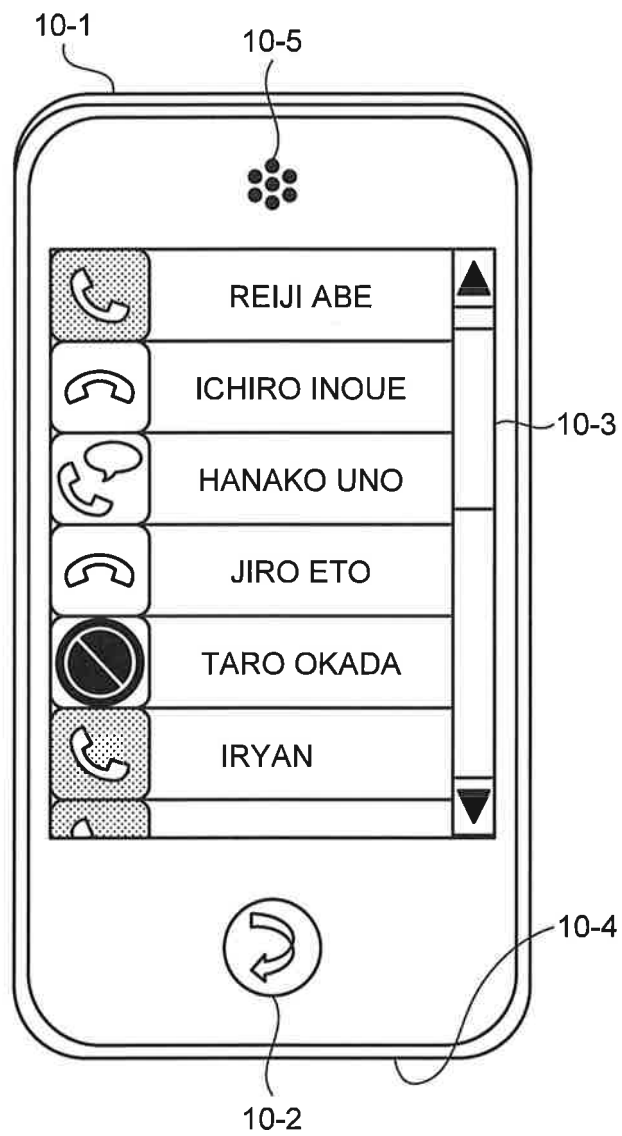


FIG.36

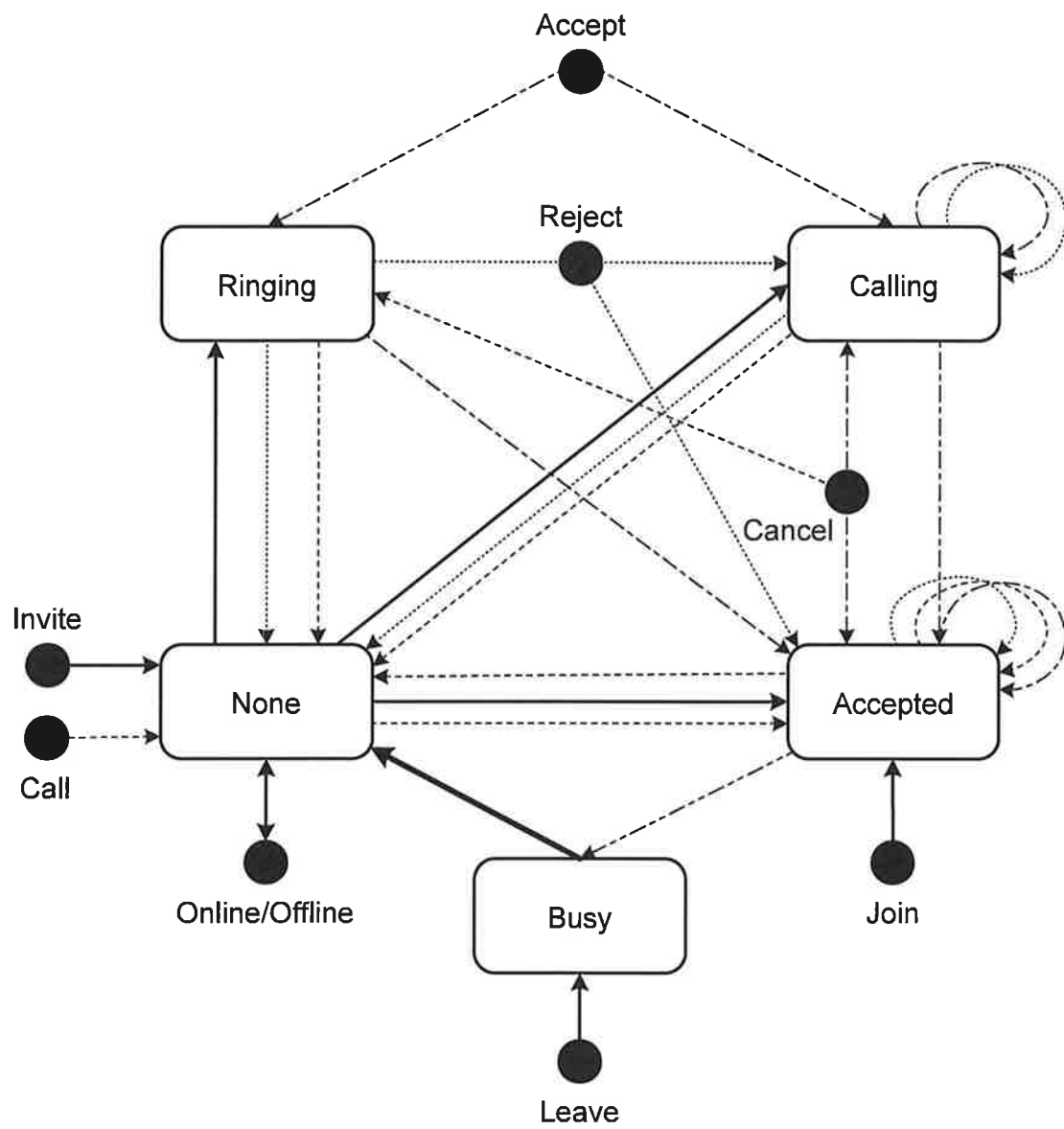


FIG.37

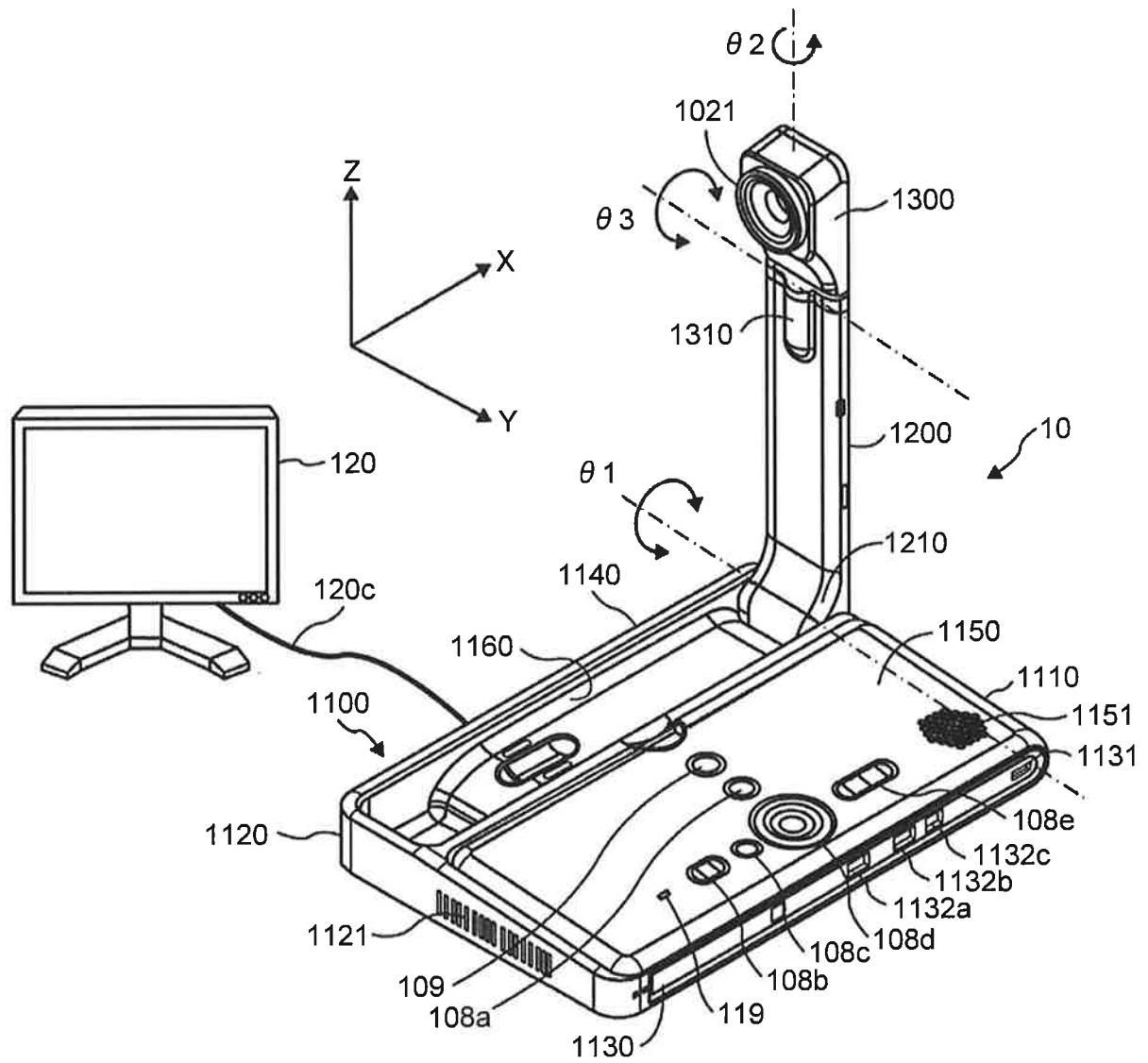


FIG.38

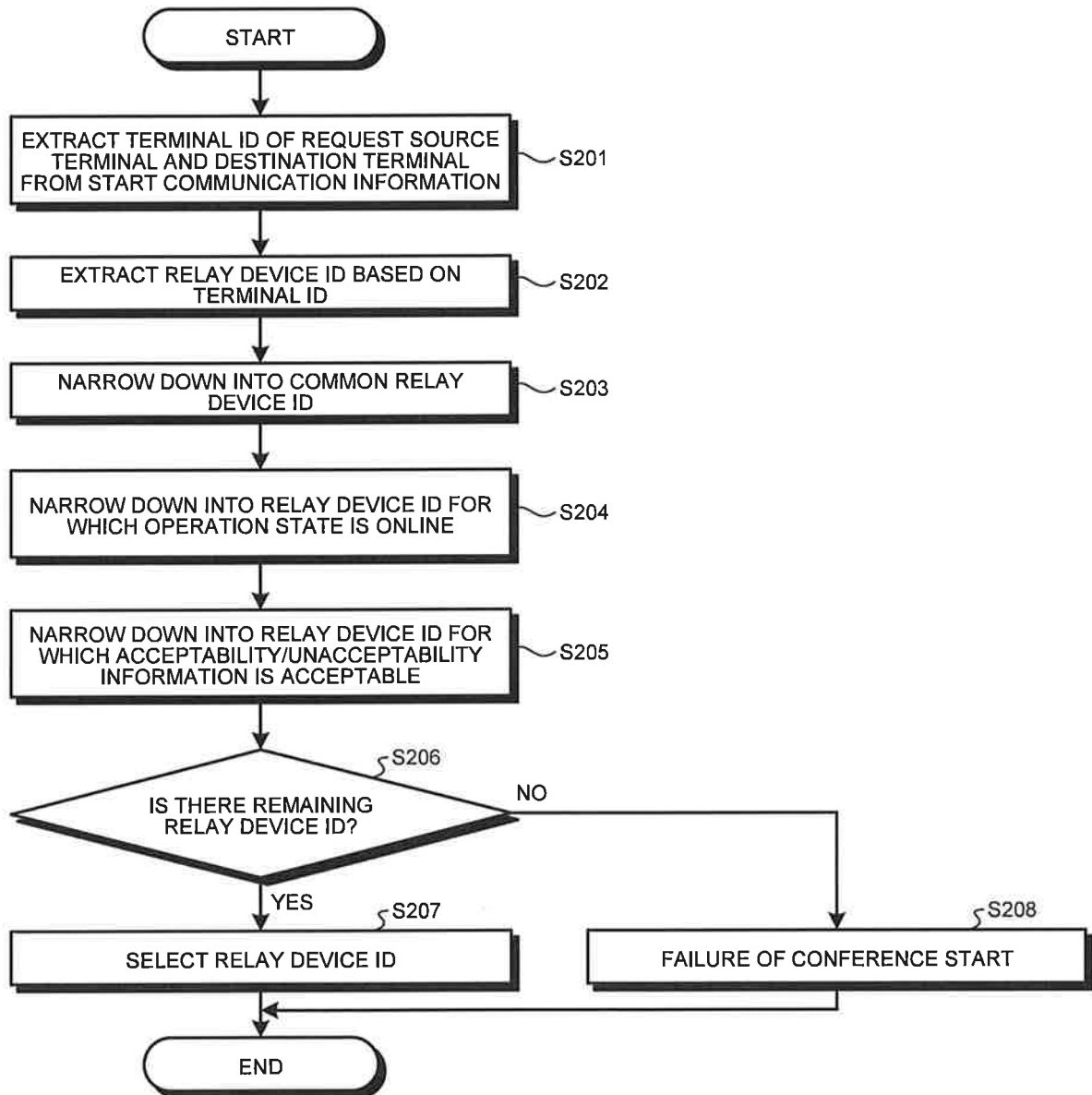


FIG.39

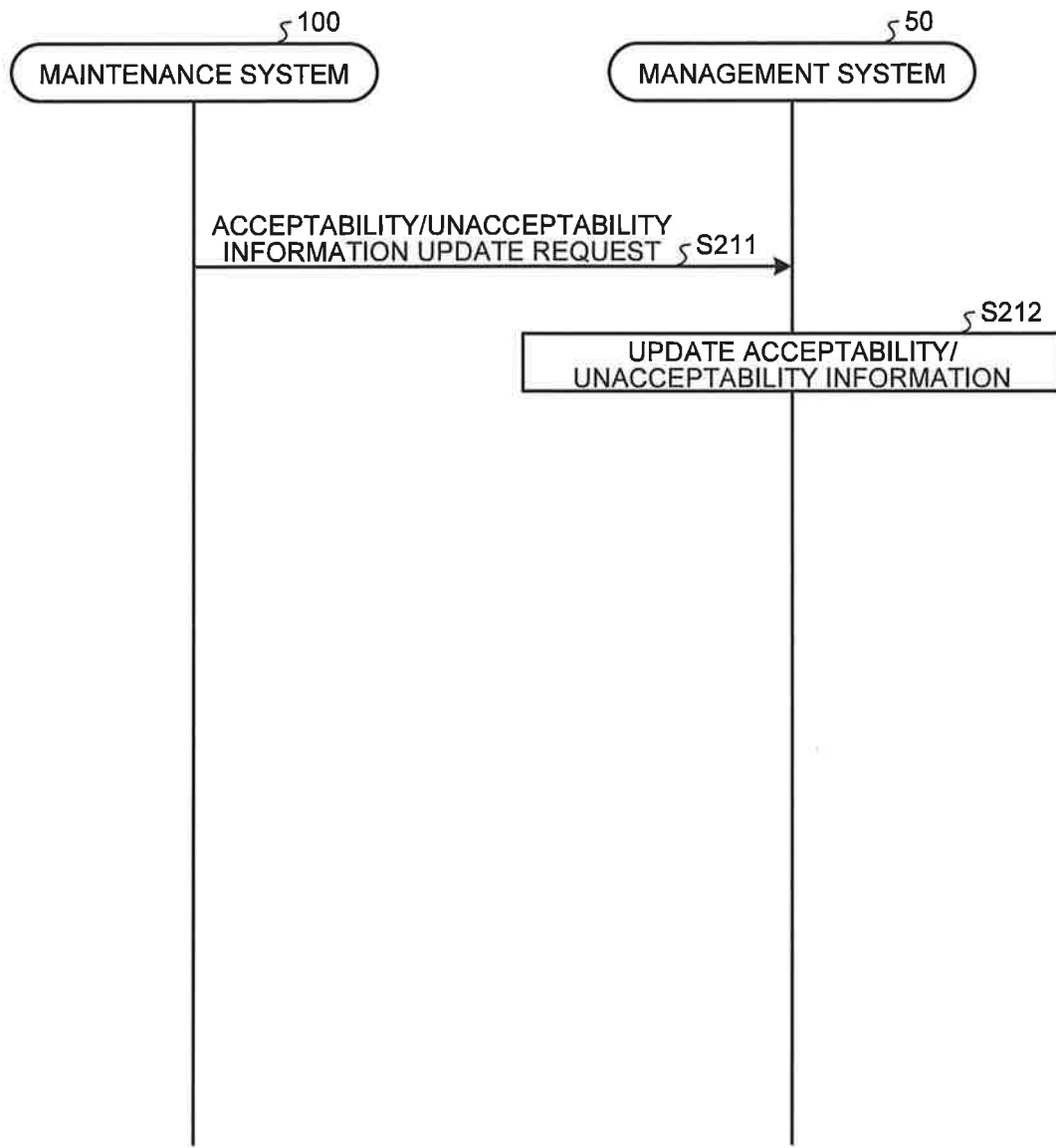


FIG.40

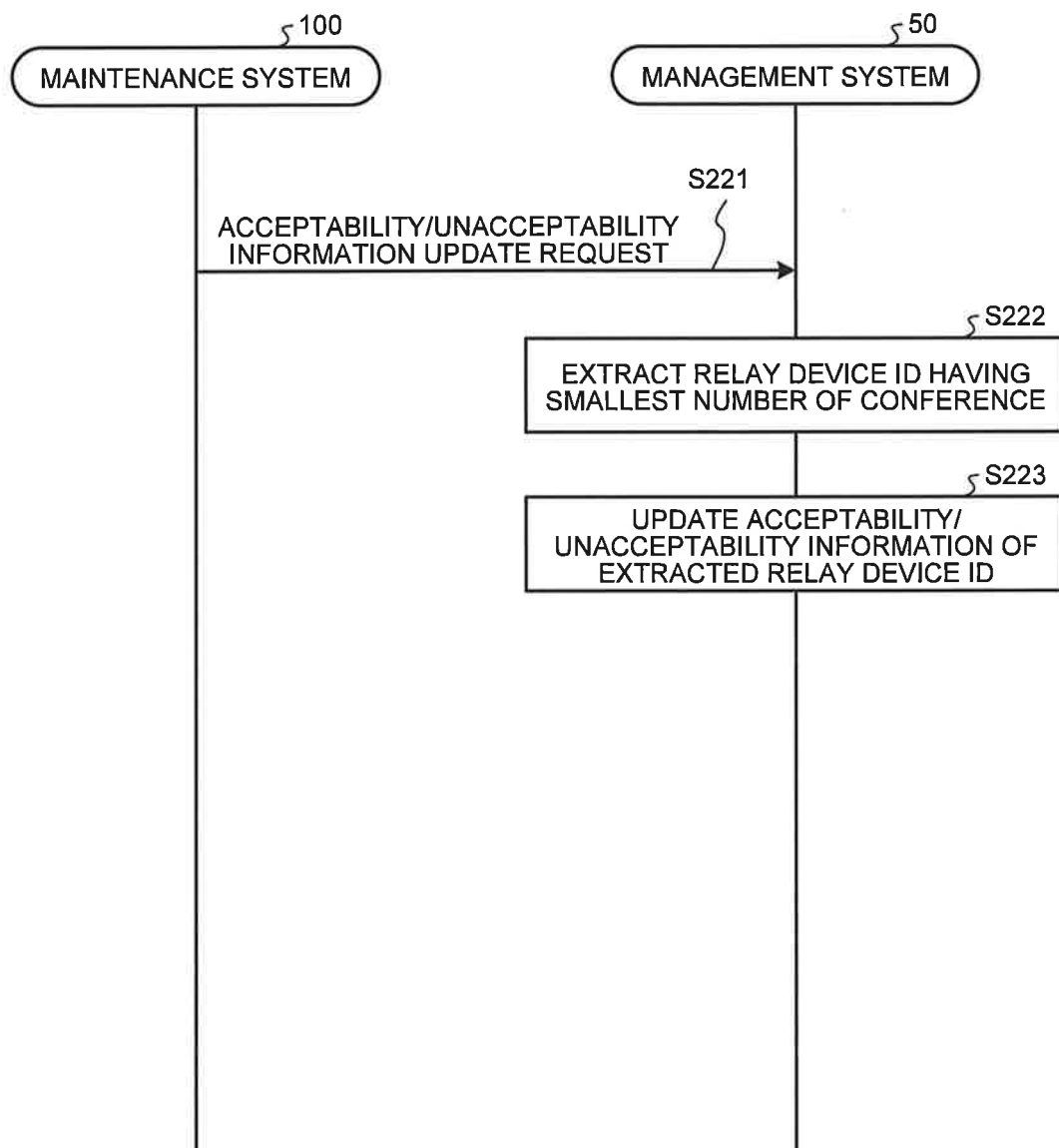


FIG.41

