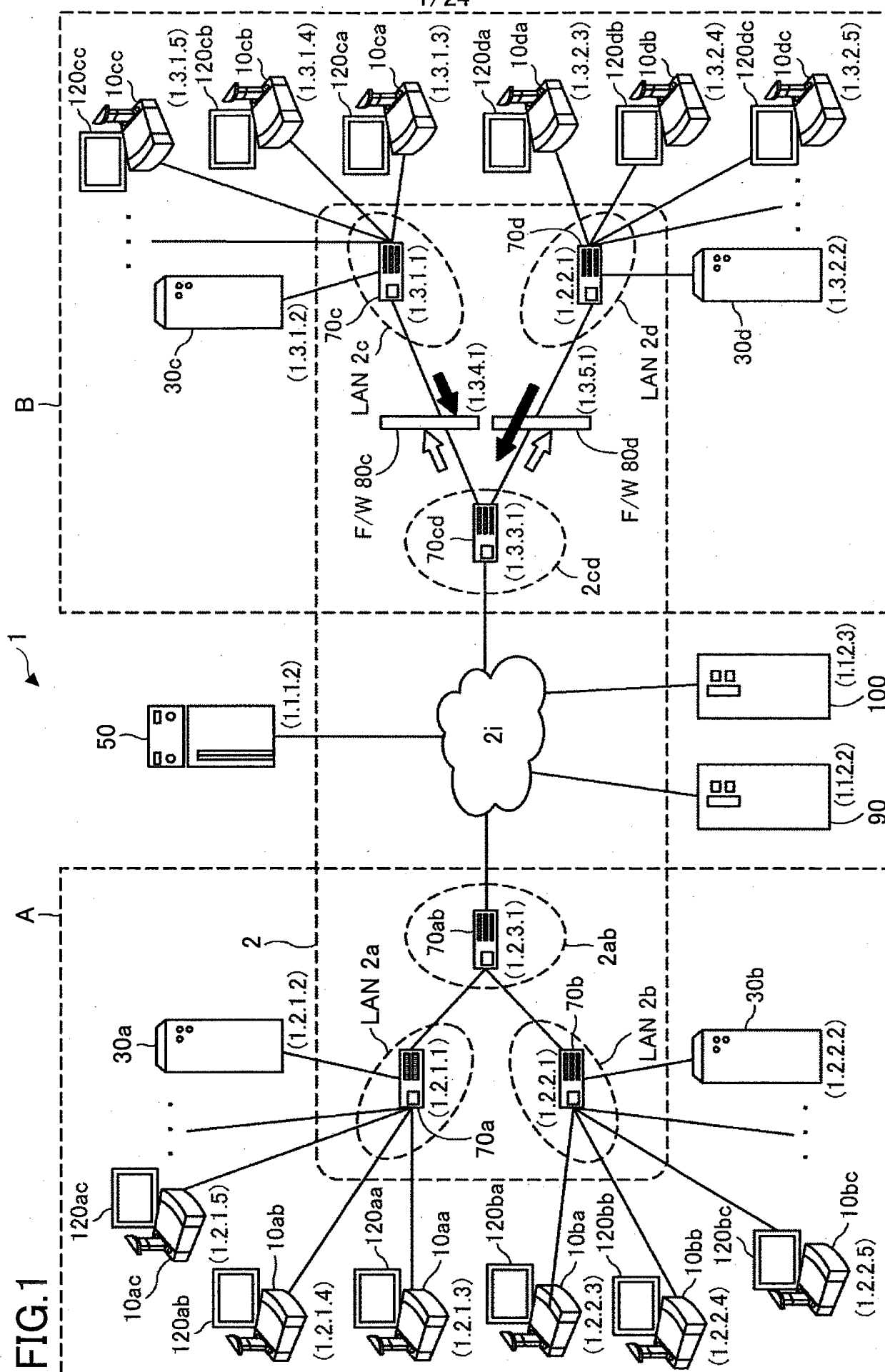


FIG. 1



2/24

FIG.2

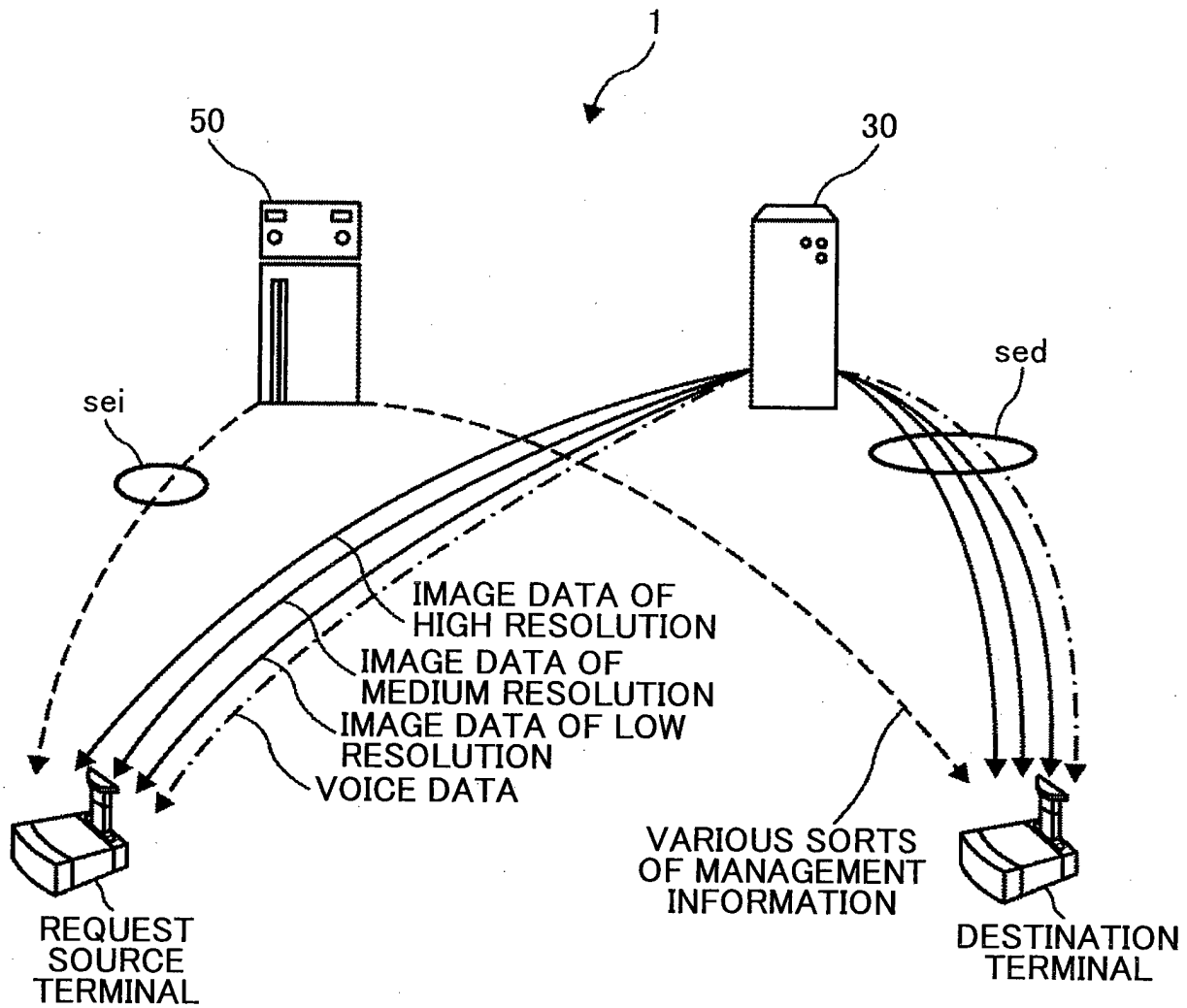


FIG.3A

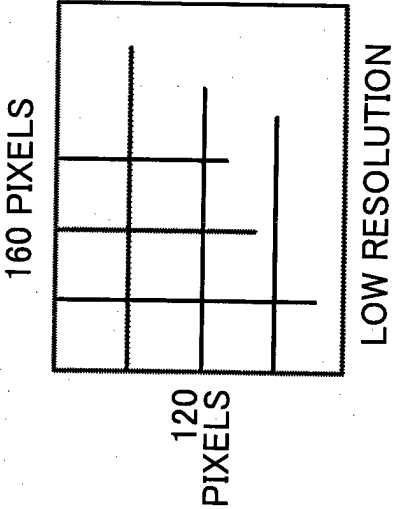


FIG.3B

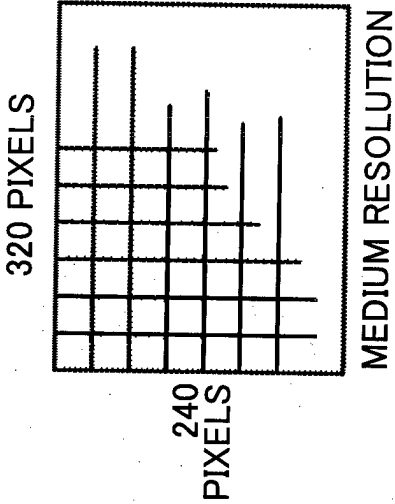
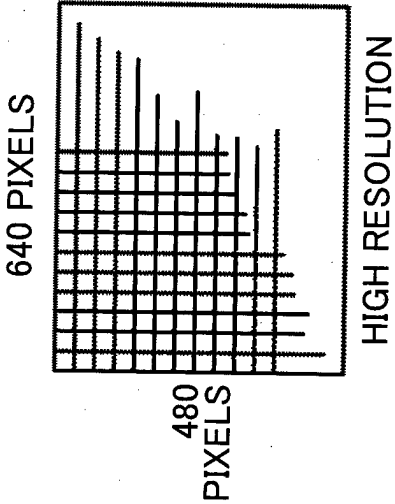


FIG.3C



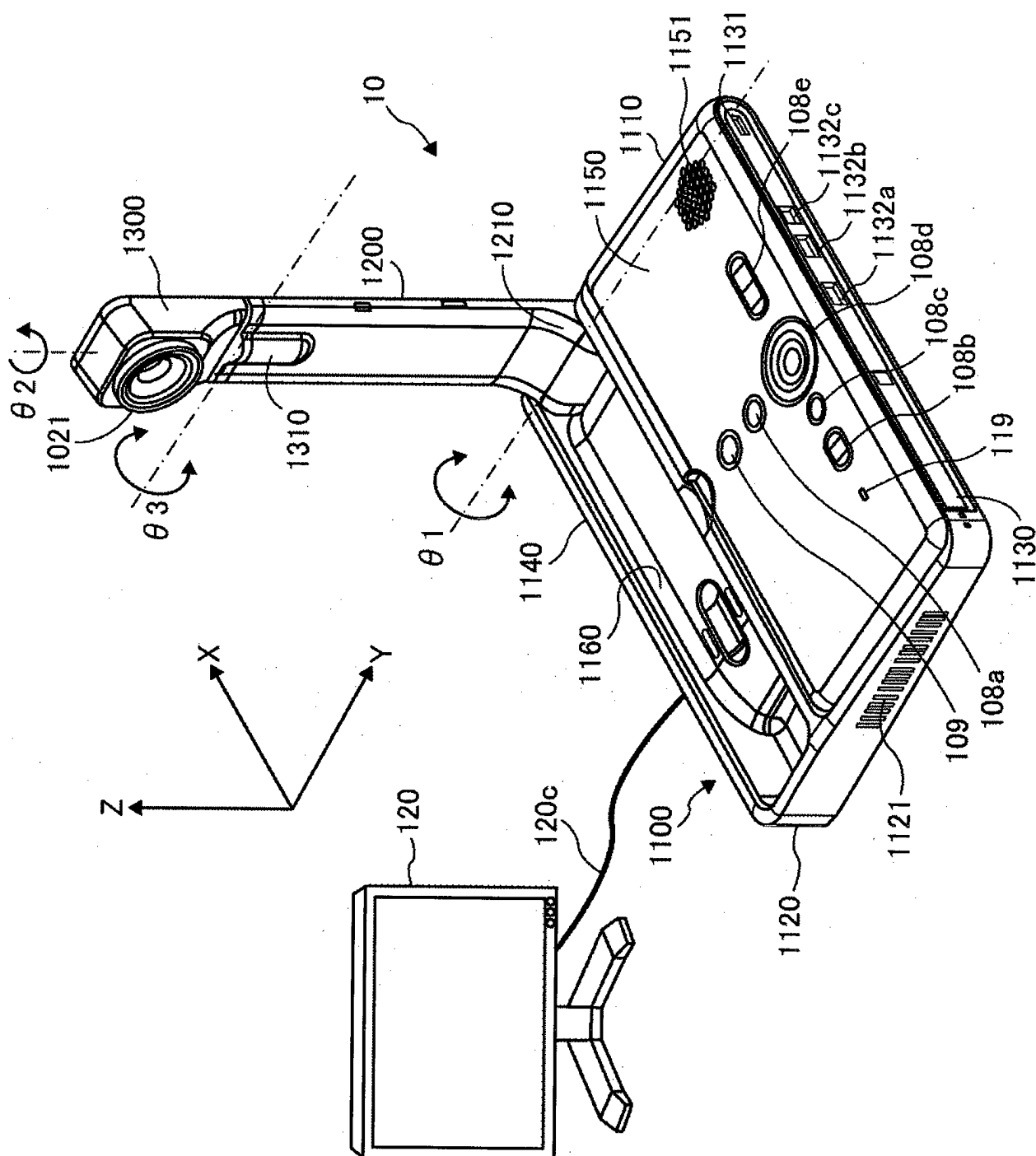


FIG. 4

5/24

FIG.5

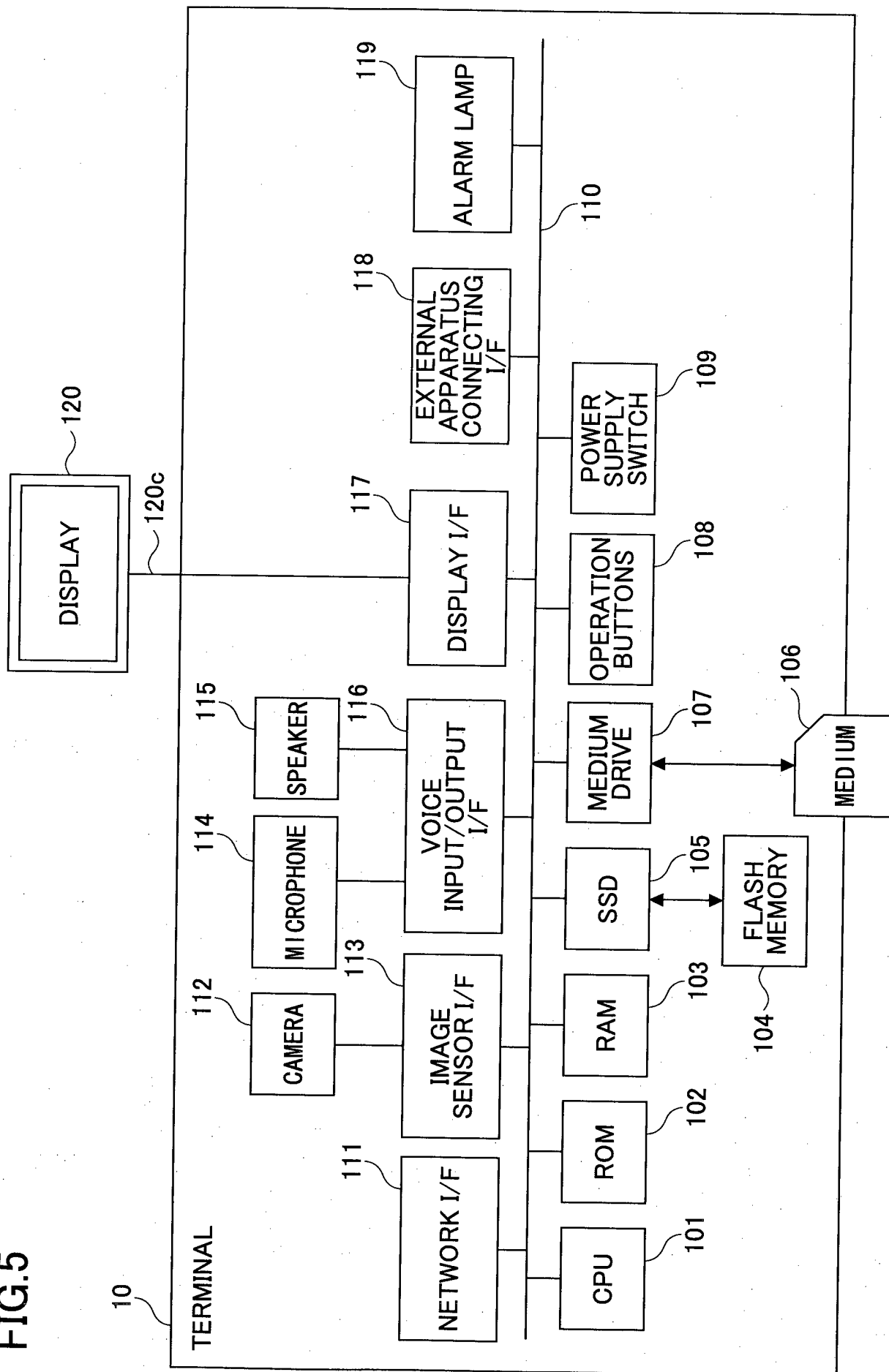
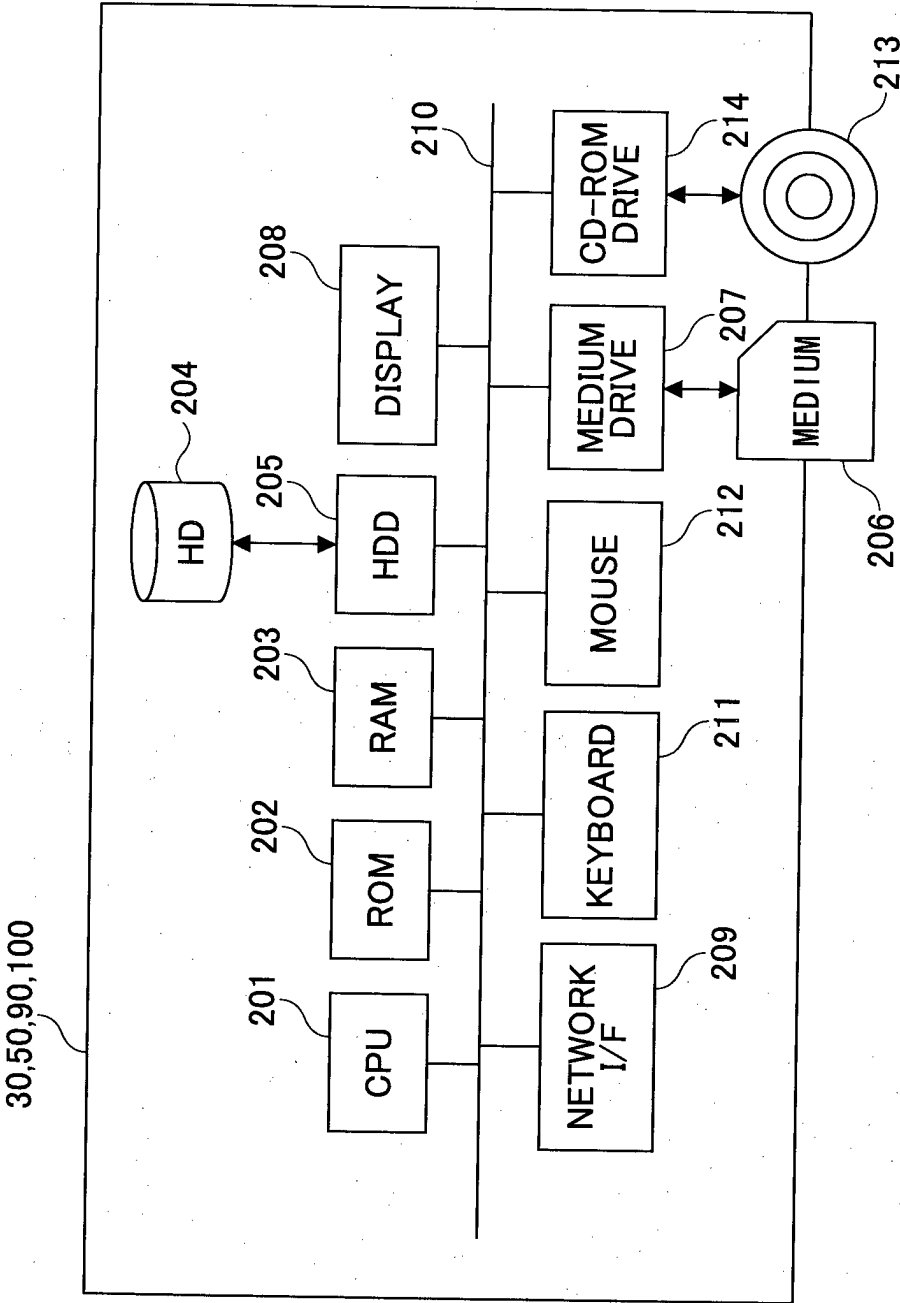


FIG.6



7/24

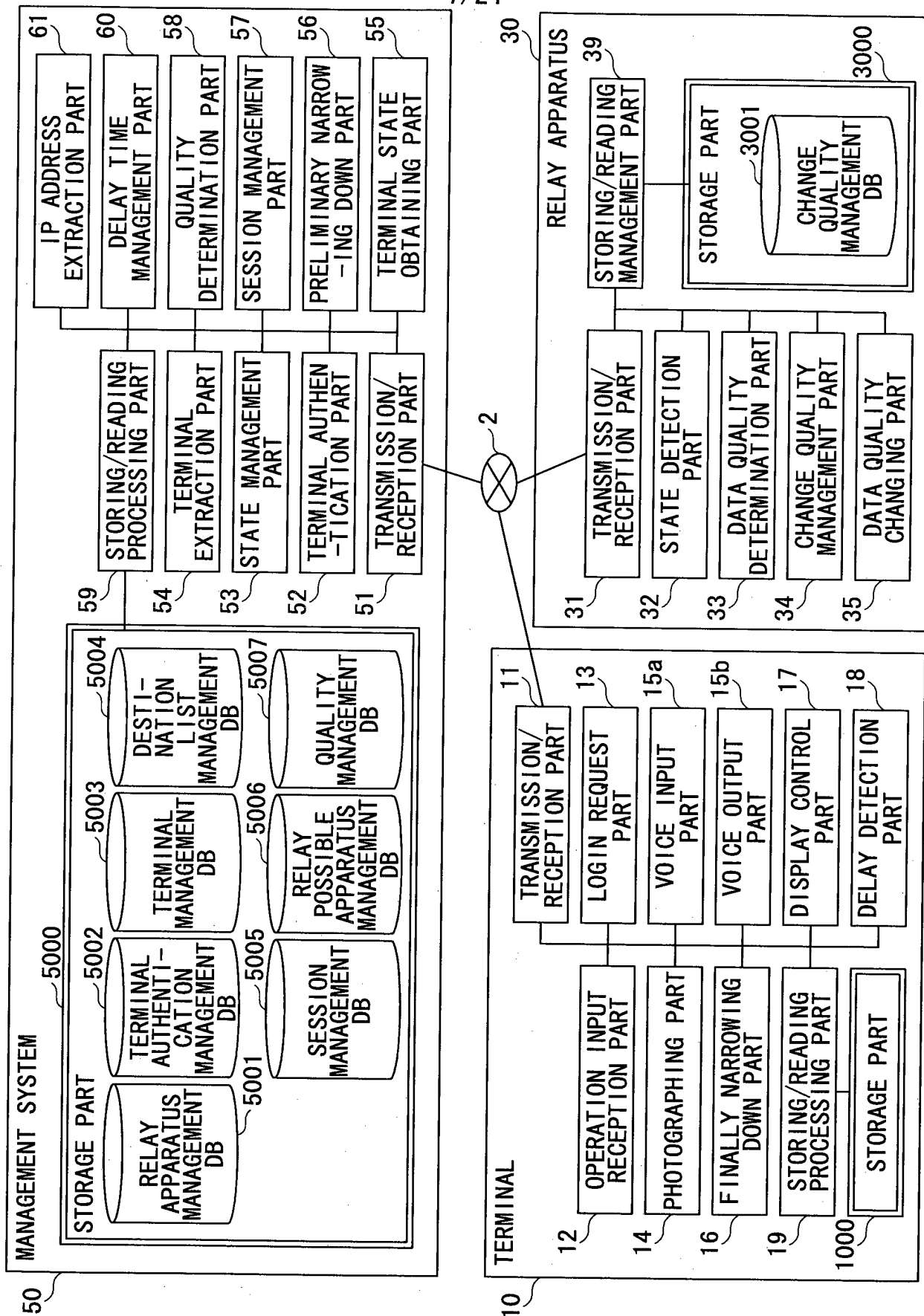


FIG. 7

8/24

FIG.8

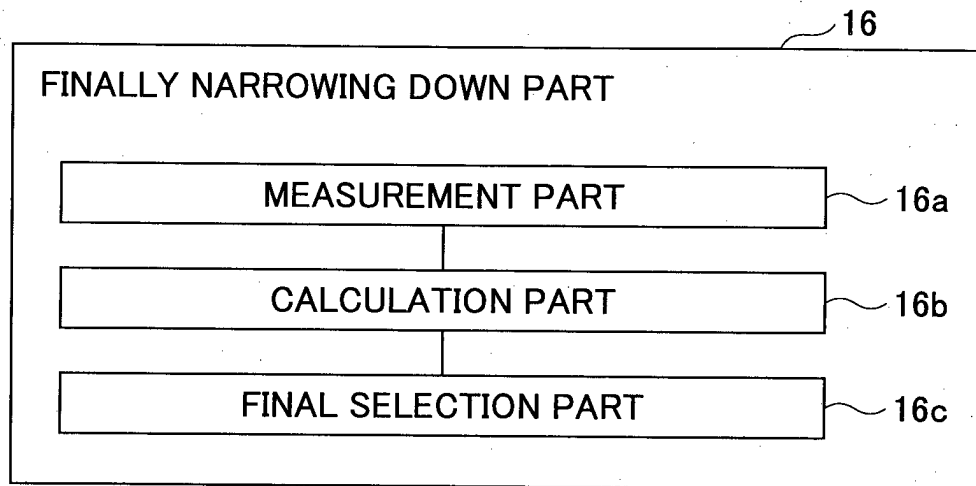
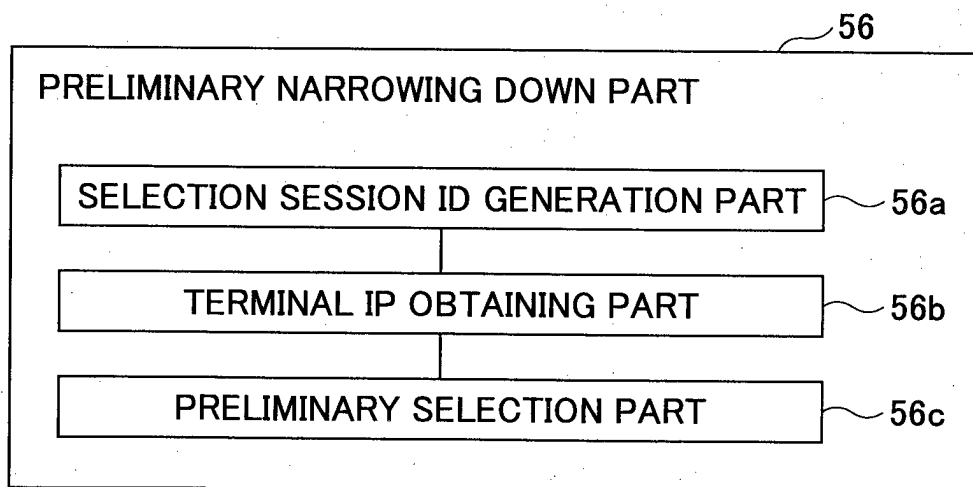


FIG.9



9/24

FIG.10

CHANGE QUALITY MANAGEMENT TABLE

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

10/24

FIG.11

RELAY APPARATUS MANAGEMENT TABLE

RELAY APPARATUS ID	OPERATING STATE	RECEPTION DATE AND TIME	IP ADDRESS OF RELAY APPARATUS	MAXIMUM DATA TRANSMISSION RATE (Mbps)
111a	ON-LINE	2009.11.10.13:00	1.2.1.2	100
111b	ON-LINE	2009.11.10.13:10	1.2.2.2	1000
111c	OFF-LINE	2009.11.10.13:20	1.3.1.2	100
111d	ON-LINE	2009.11.10.13:30	1.3.2.2	10

11/24

FIG.12

TERMINAL
AUTHENTICATION
MANAGEMENT TABLE

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

12/24

FIG.13

TERMINAL MANAGEMENT TABLE

TERMINAL ID	DESTINATION NAME	OPERATING STATE	RECEPTION DATE AND TIME	IP ADDRESS OF TERMINAL
01aa	JAPAN TOKYO OFFICE AA TERMINAL	ON-LINE (TELEPHONE CALL POSSIBLE)	2009.11.10.13:40	1.2.1.3
01ab	JAPAN TOKYO OFFICE AB TERMINAL	OFF-LINE	2009.11.09.12:00	1.2.1.4
...	...	...	...	...
01ba	JAPAN OSAKA OFFICE BA TERMINAL	ON-LINE (BUT TEMPORARILY INTERRUPTED)	2009.11.10.13:45	1.2.2.3
01bb	JAPAN OSAKA OFFICE BB TERMINAL	ON-LINE (TELEPHONE CALL POSSIBLE)	2009.11.10.13:50	1.2.2.4
...	...	...	...	...
01ca	USA NEW YORK OFFICE CA TERMINAL	OFF-LINE	2009.11.10.12:45	1.3.1.3
01cb	USA NEW YORK OFFICE CB TERMINAL	ON-LINE (ON TELEPHONE CALL)	2009.11.10.13:55	1.3.1.4
...	...	...	...	...
01da	USA WASHINGTON OFFICE DA TERMINAL	ON-LINE (ON TELEPHONE CALL)	2009.11.08.12:45	1.3.2.3
01db	USA WASHINGTON OFFICE DB TERMINAL	OFF-LINE	2009.11.10.12:45	1.3.2.4
...	...	...	...	...

13/24

FIG.14

DESTINATION LIST MANAGEMENT TABLE

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

14/24

FIG.15

SESSION MANAGEMENT TABLE

SELECTION SESSION ID	RELAY APPARATUS ID	REQUEST SOURCE TERMINAL ID	DESTINATION TERMINAL ID	DELAY TIME (ms)	DELAY INFORMATION RECEPTION DATE AND TIME
se1	111a	01aa	01db	200	2009.11.10.14:00
se2	111b	01ba	01ca	50	2009.11.10.14:10
se3	111d	01bb	01da	400	2009.11.10.14:20
...	...	...	...	...	...

15/24

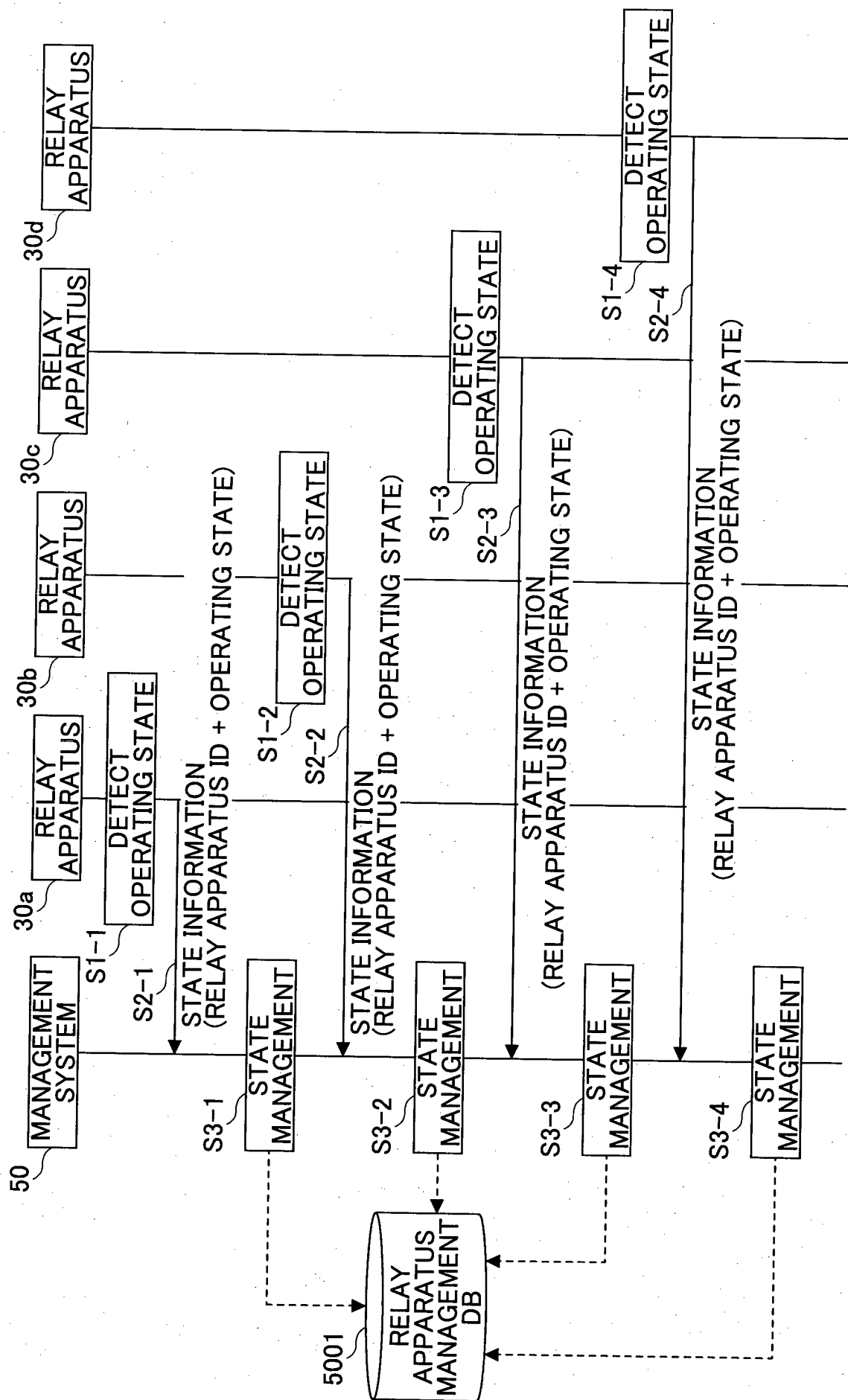
FIG.16**RELAY POSSIBLE APPARATUS
MANAGEMENT TABLE**

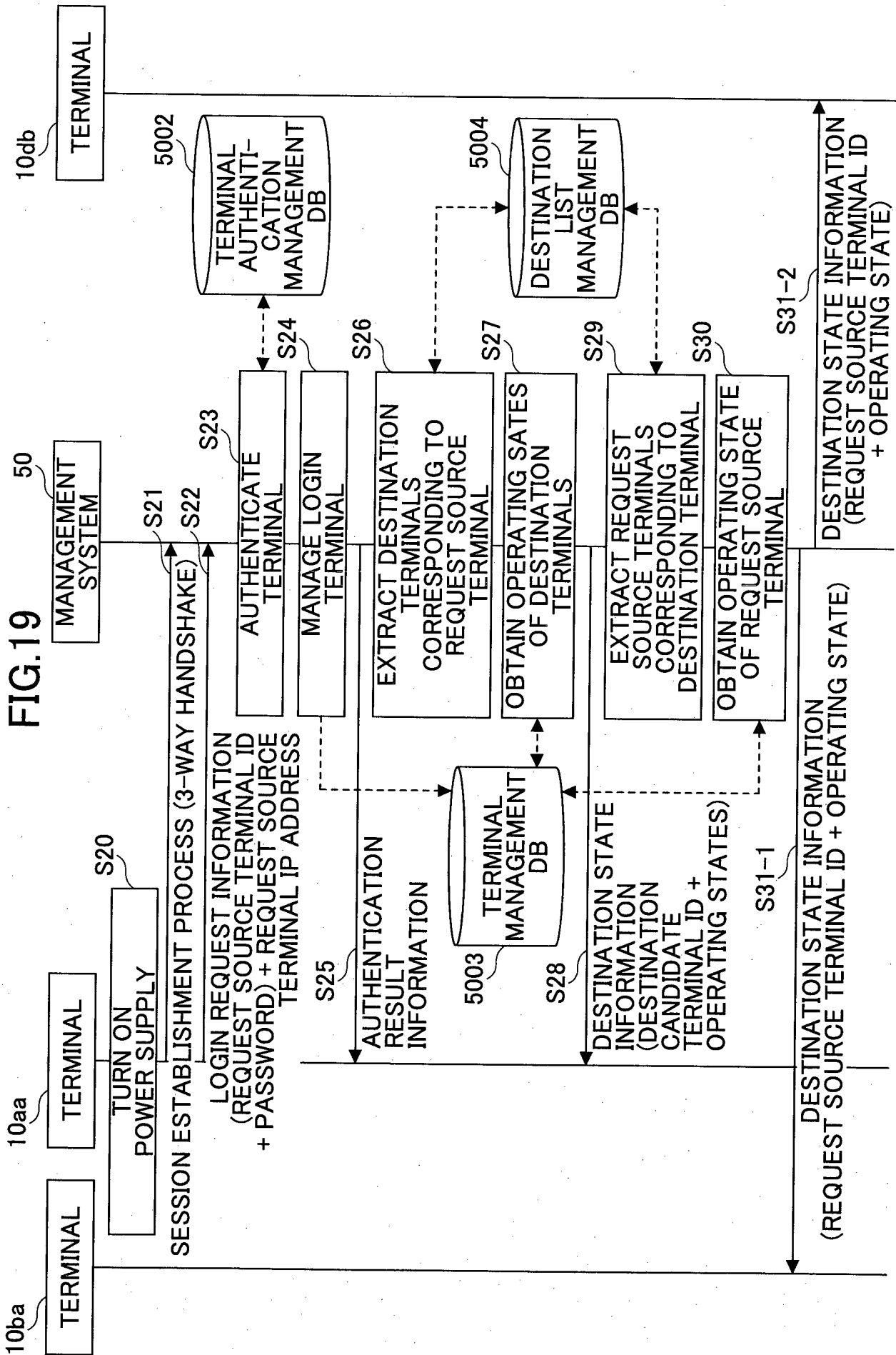
TERMINAL ID	RELAY APPARATUS ID
01aa	111a,111b
01ab	111a,111b
...	...
01ba	111a,111b
01bb	111a,111b
...	...
01ca	111c
01cb	111c
...	...
01da	111a,111b,111d
01db	111a,111b,111d
...	...

FIG.17**QUALITY MANAGEMENT TABLE**

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

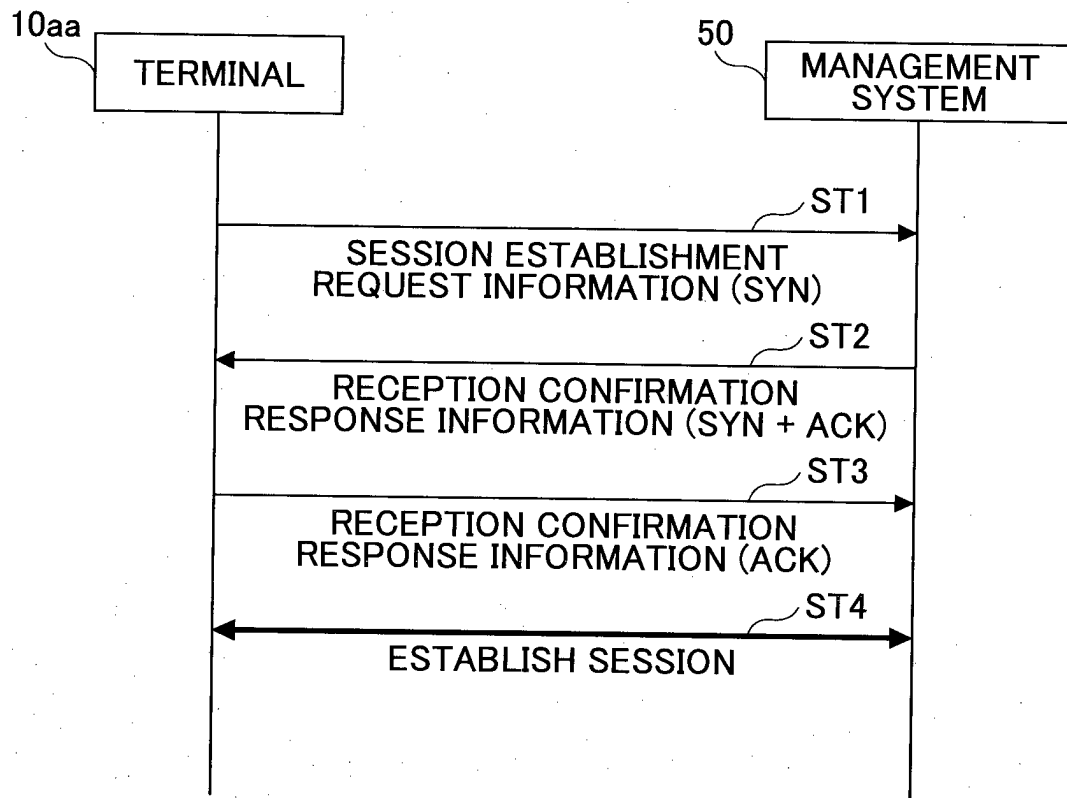
FIG.18





18/24

FIG.20



19/24

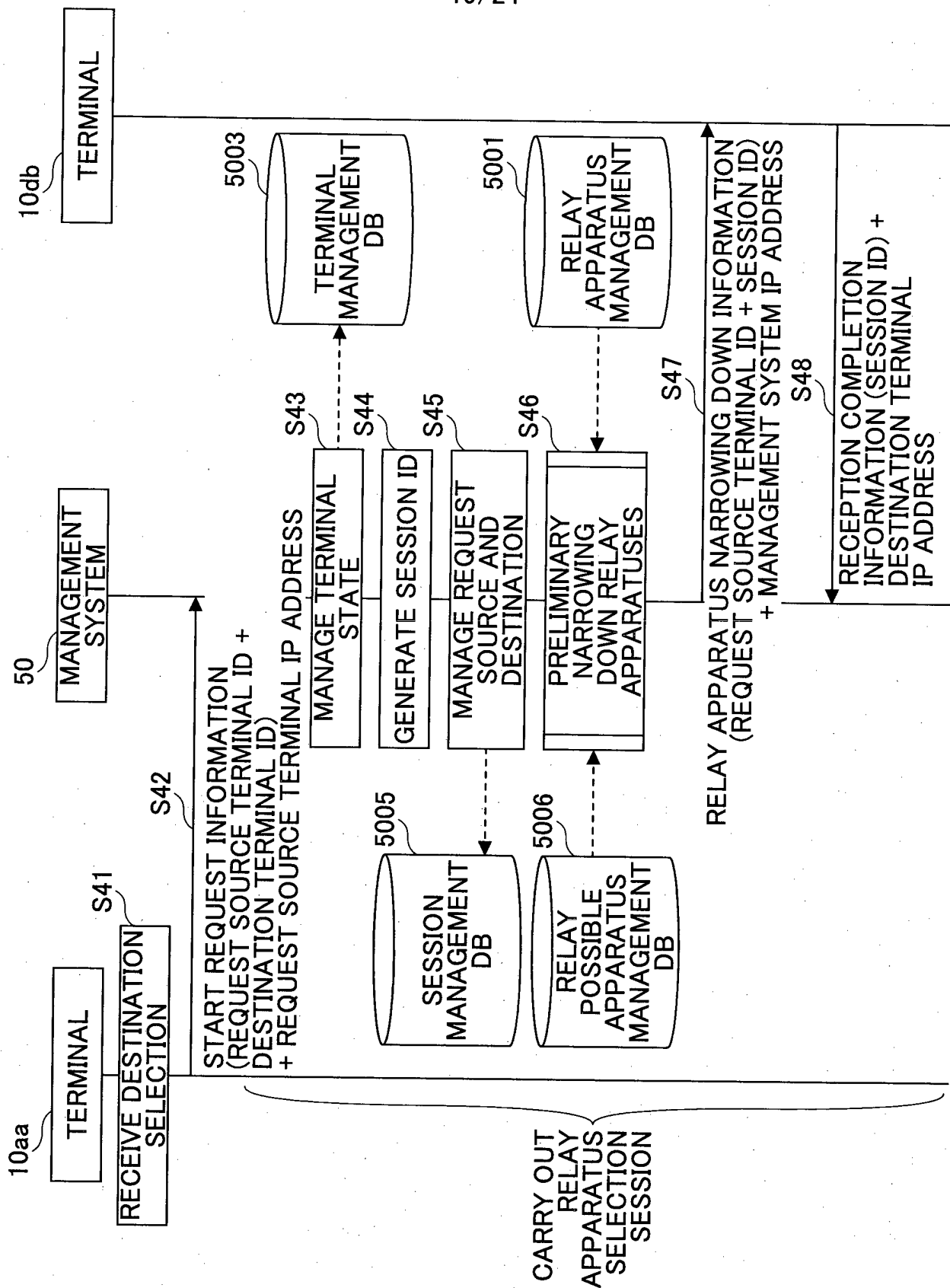
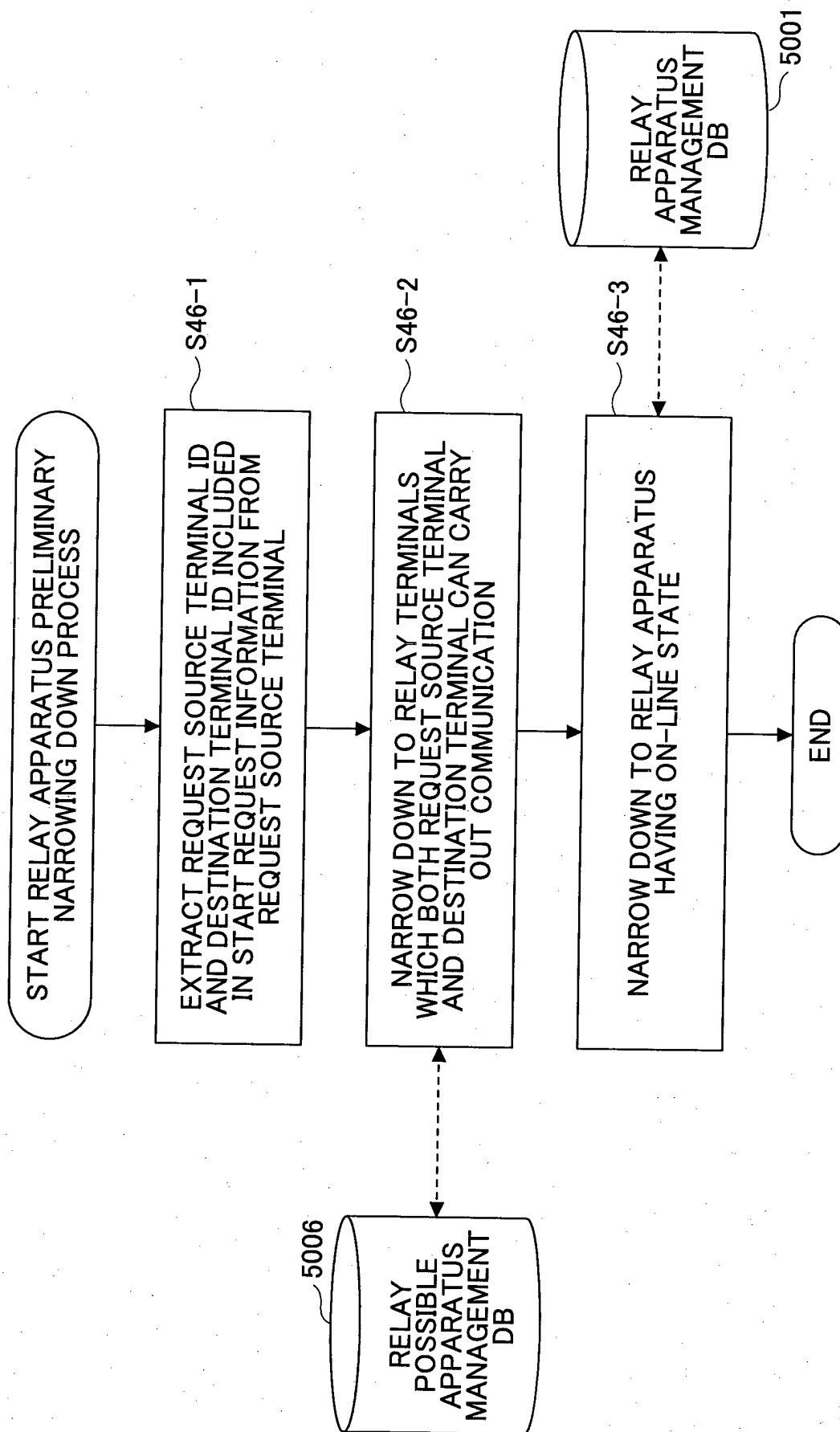
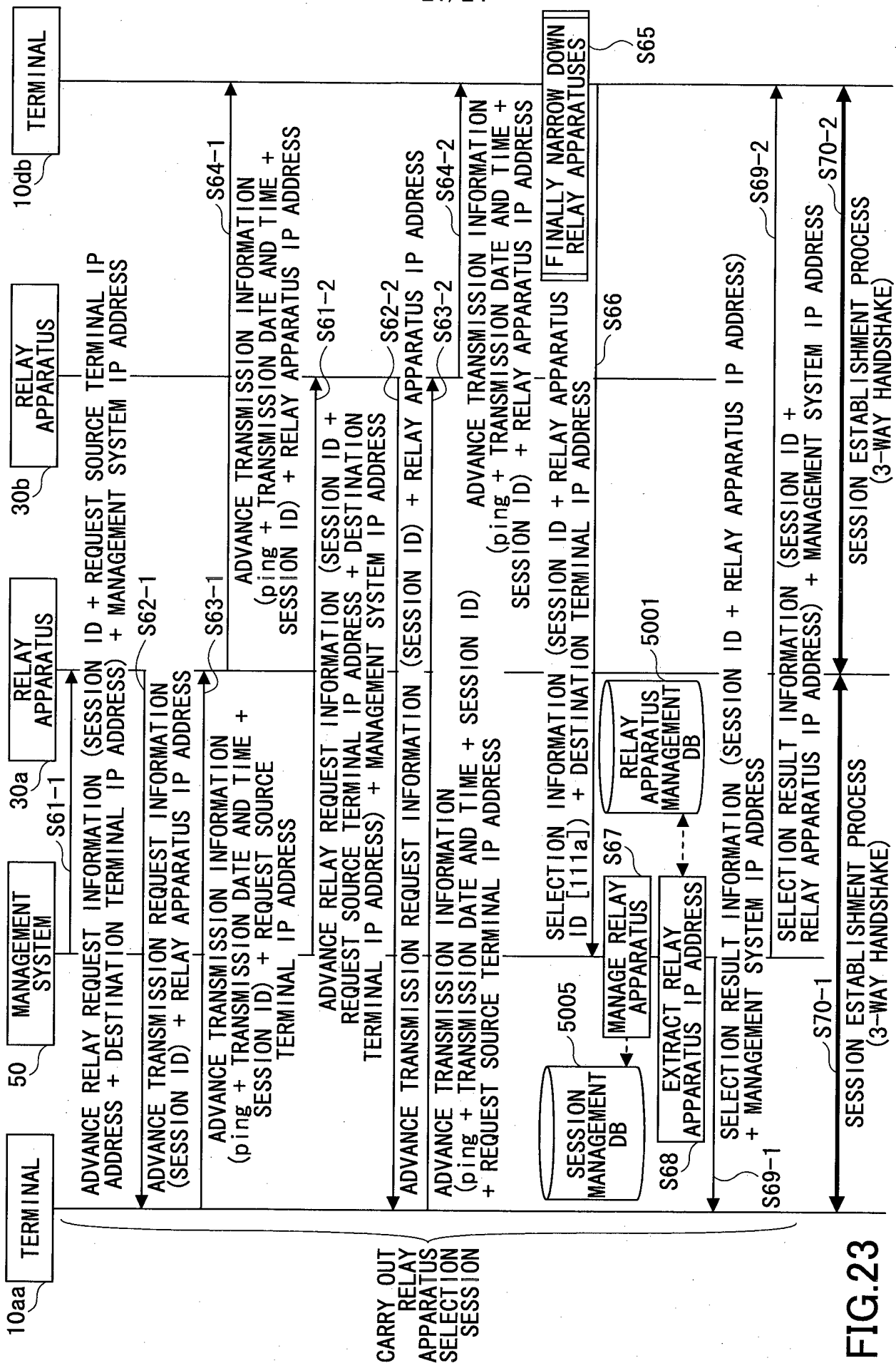


FIG.22

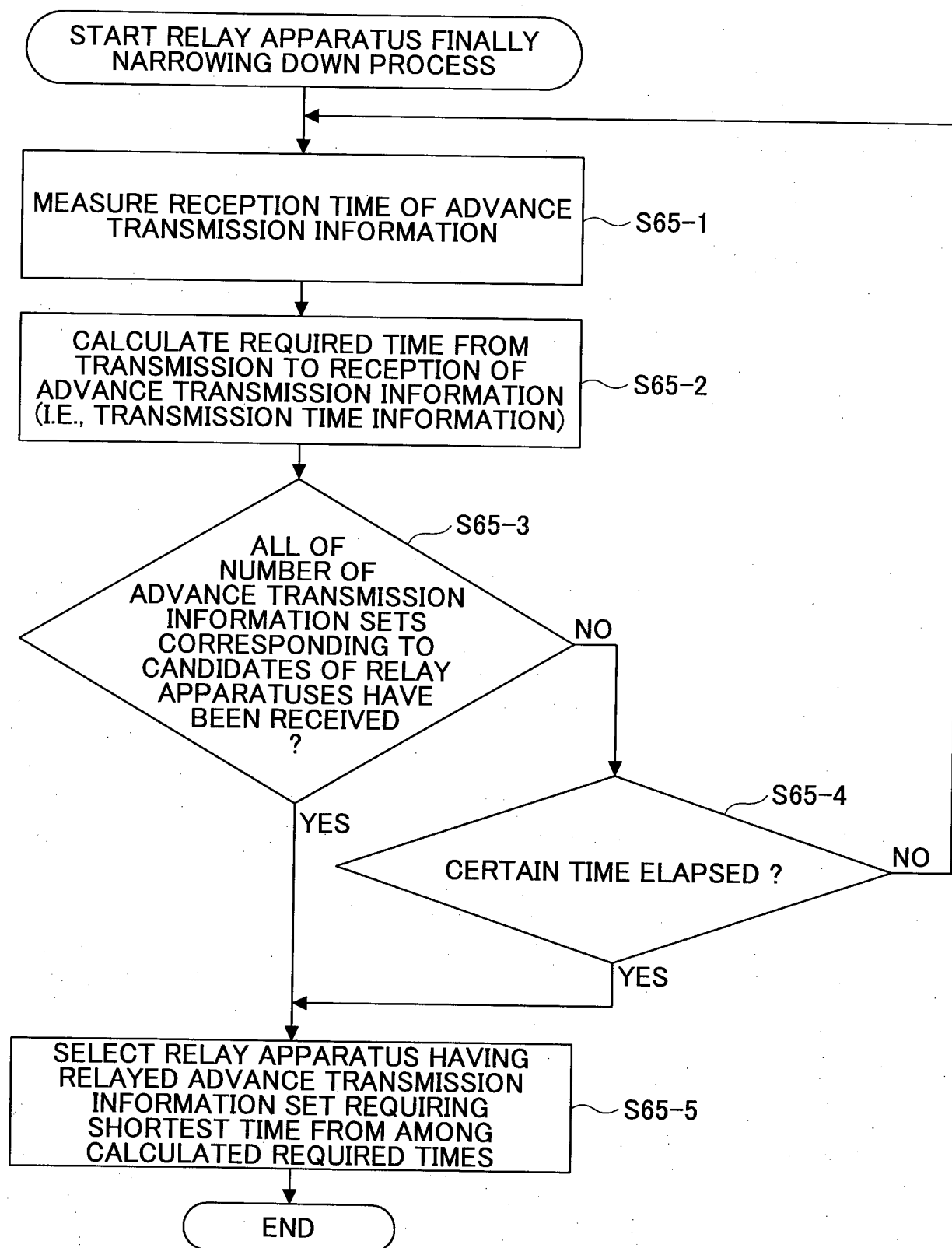


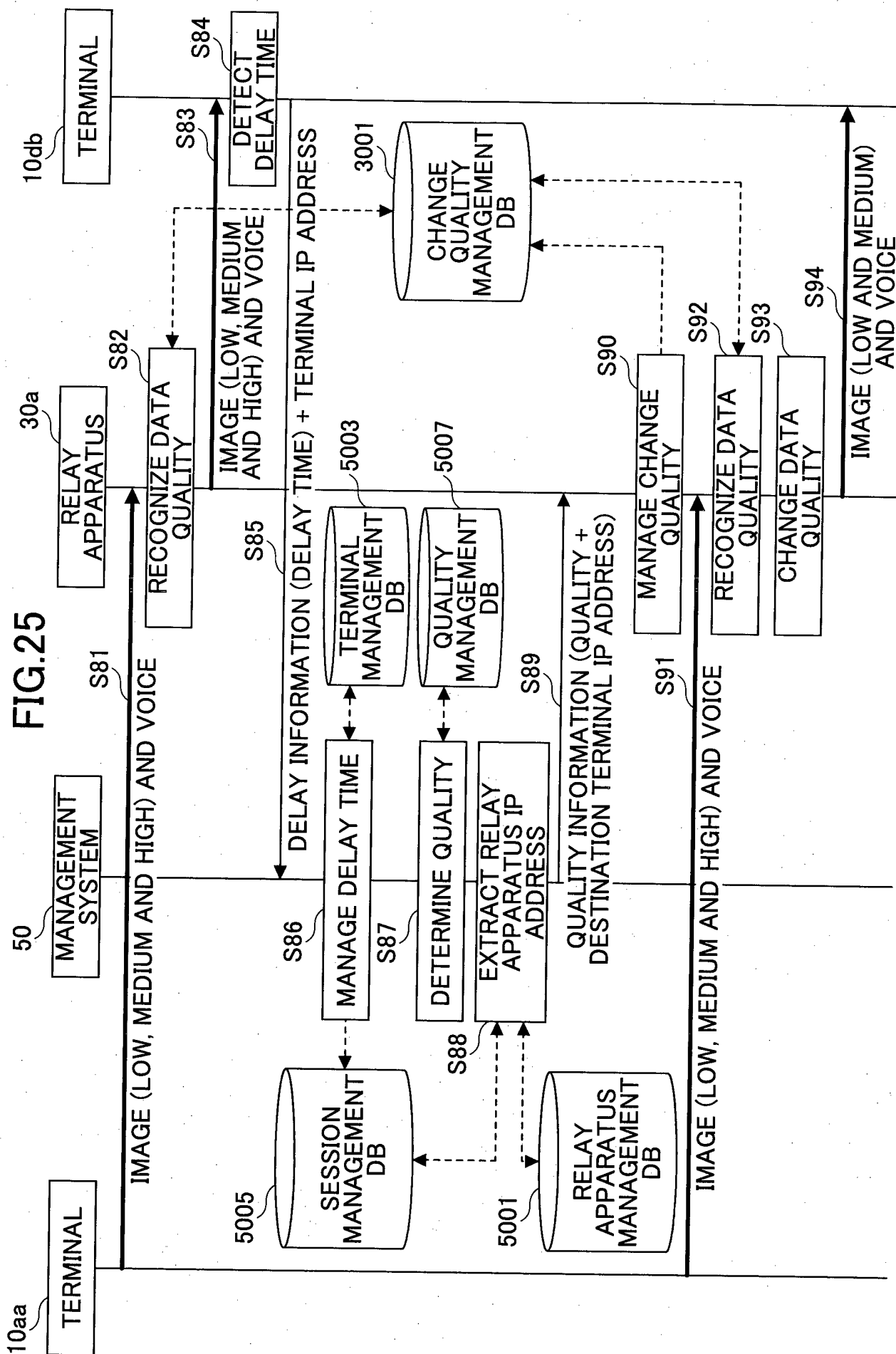
21/24



22/24

FIG.24





24/24

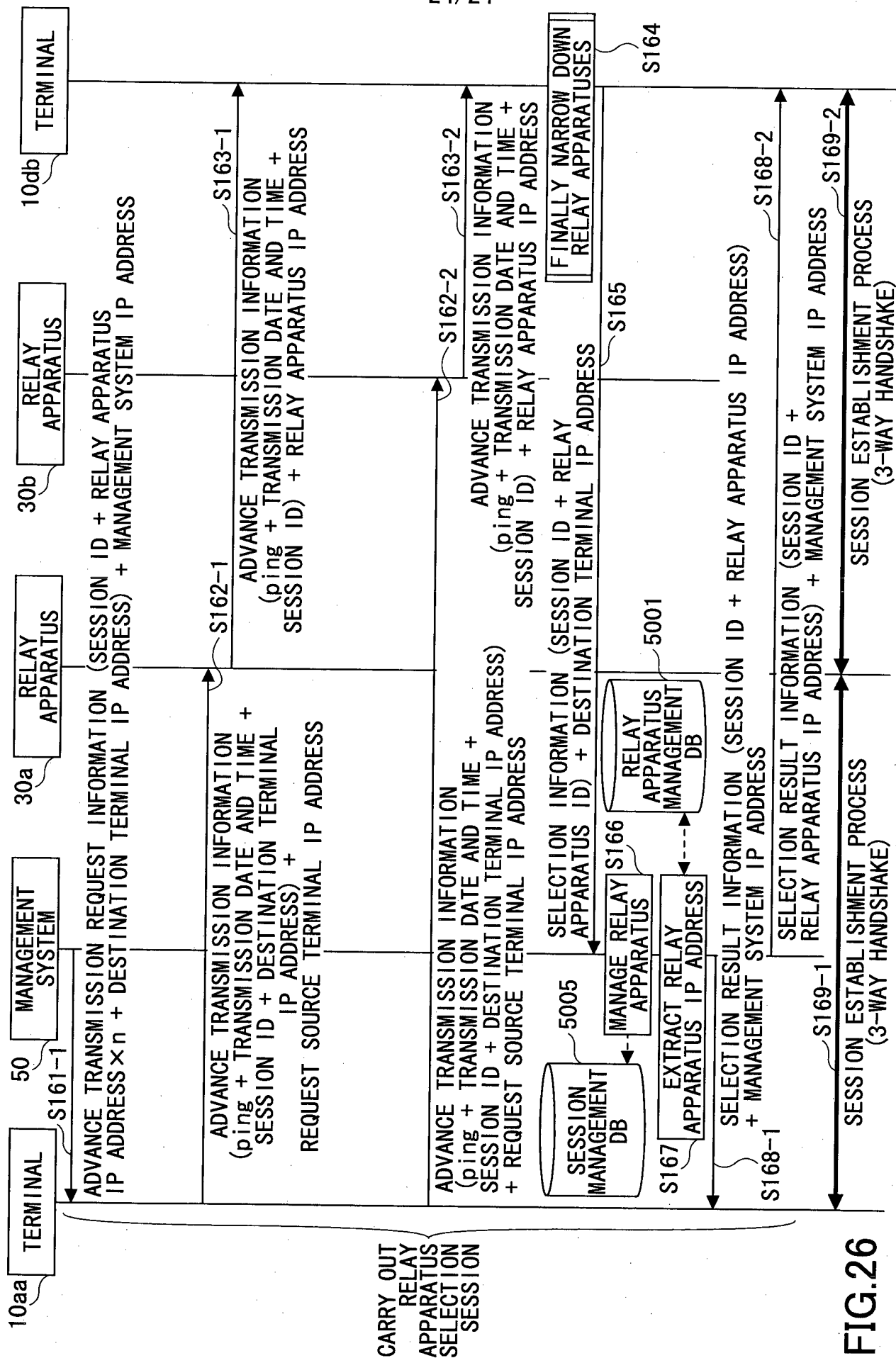


FIG.26