

FIG.1

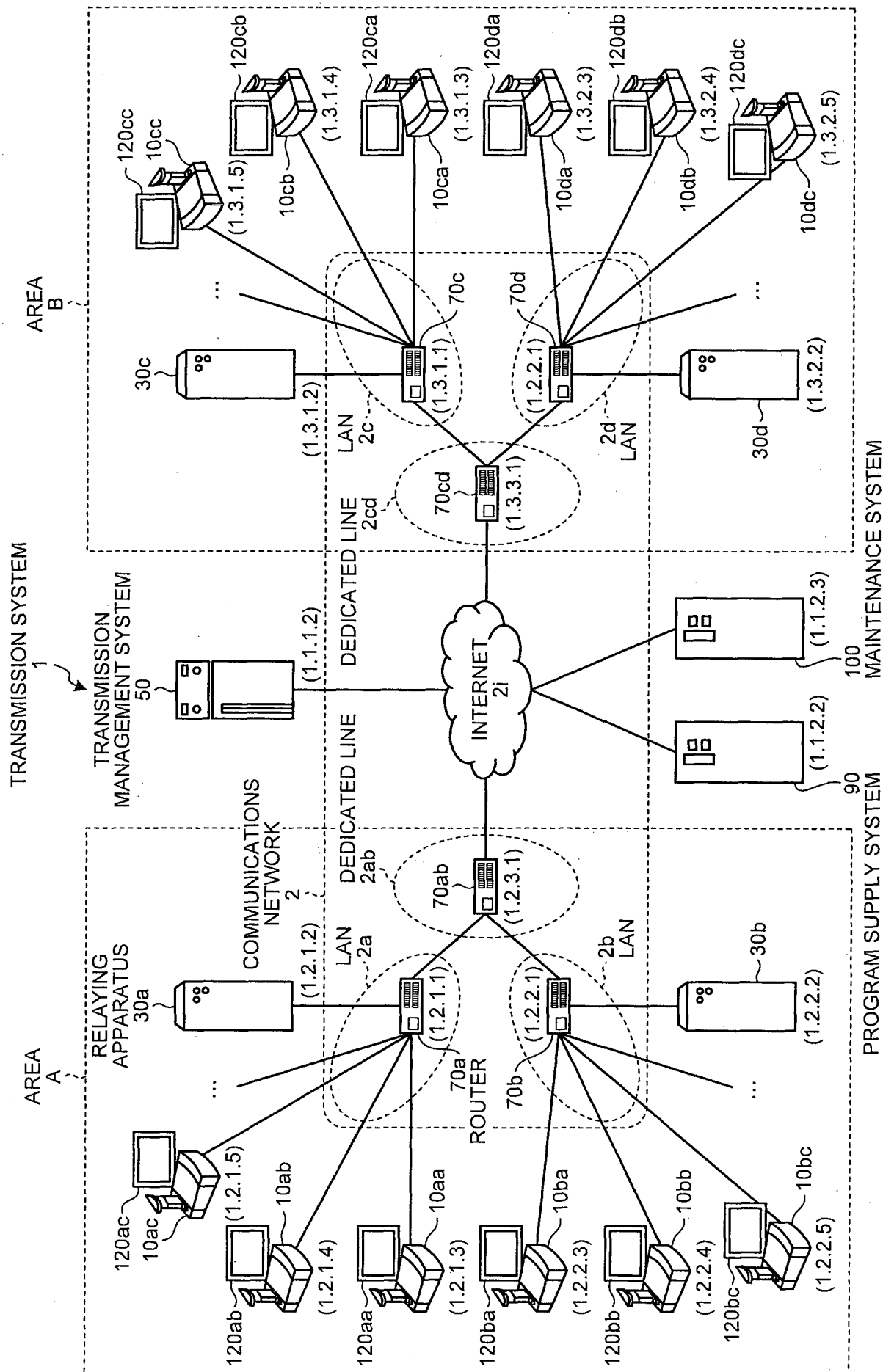


FIG.2

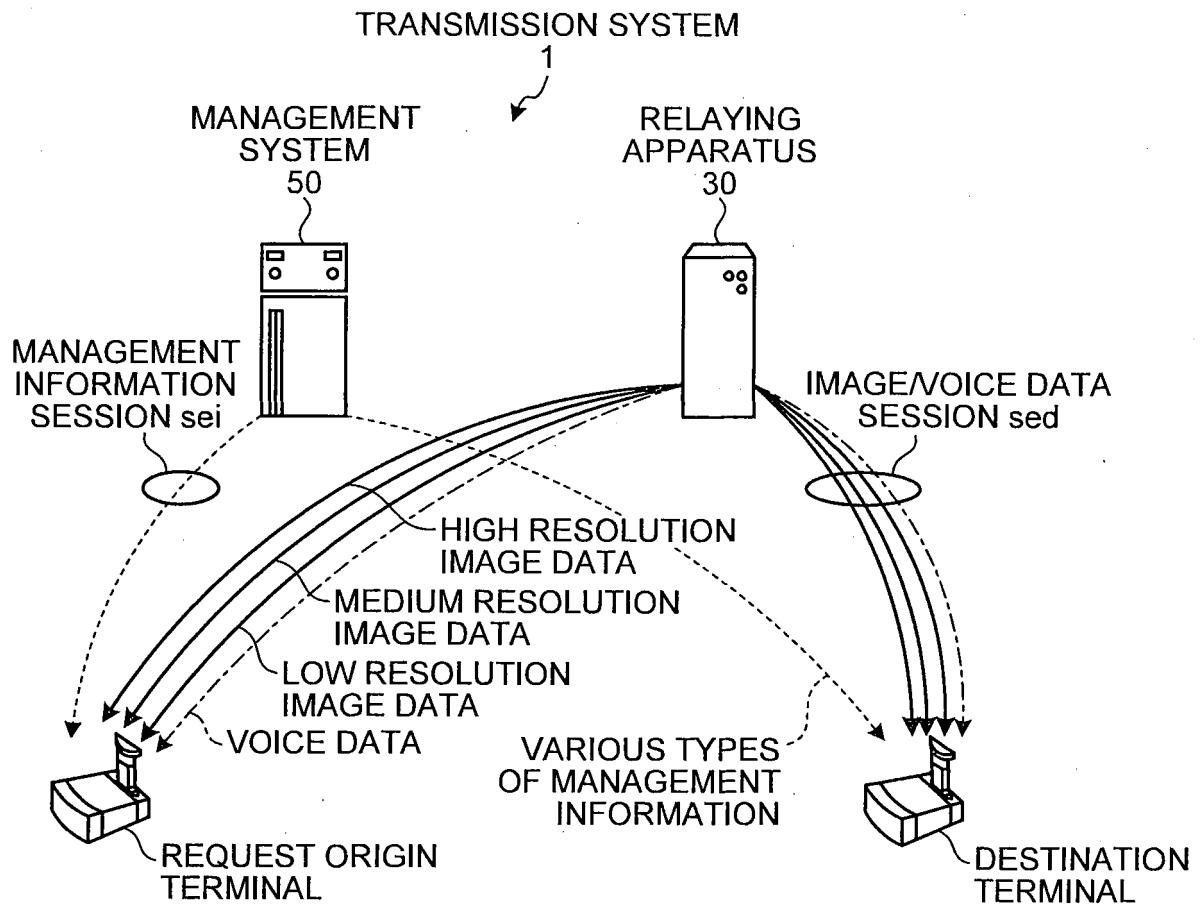


FIG.3A

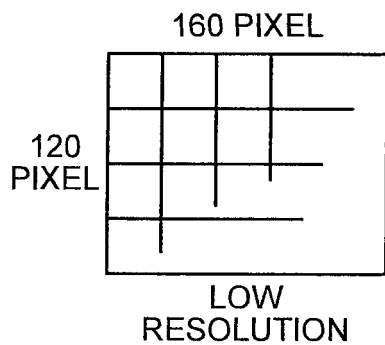


FIG.3B

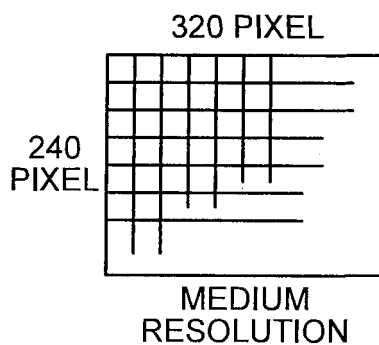


FIG.3C

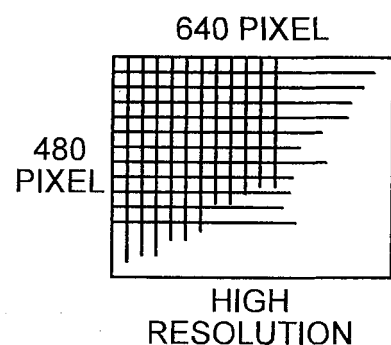


FIG.4

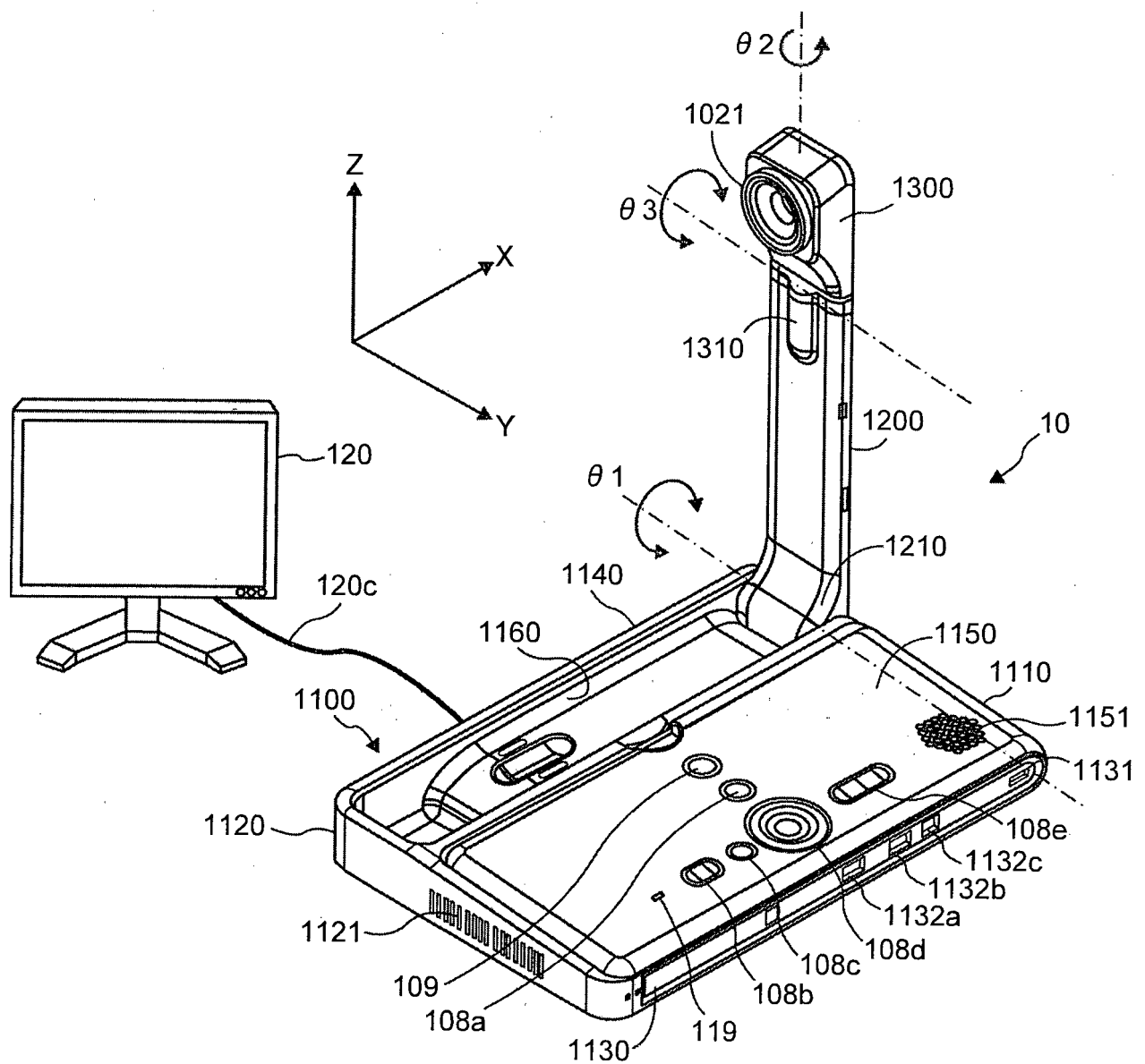


FIG.5

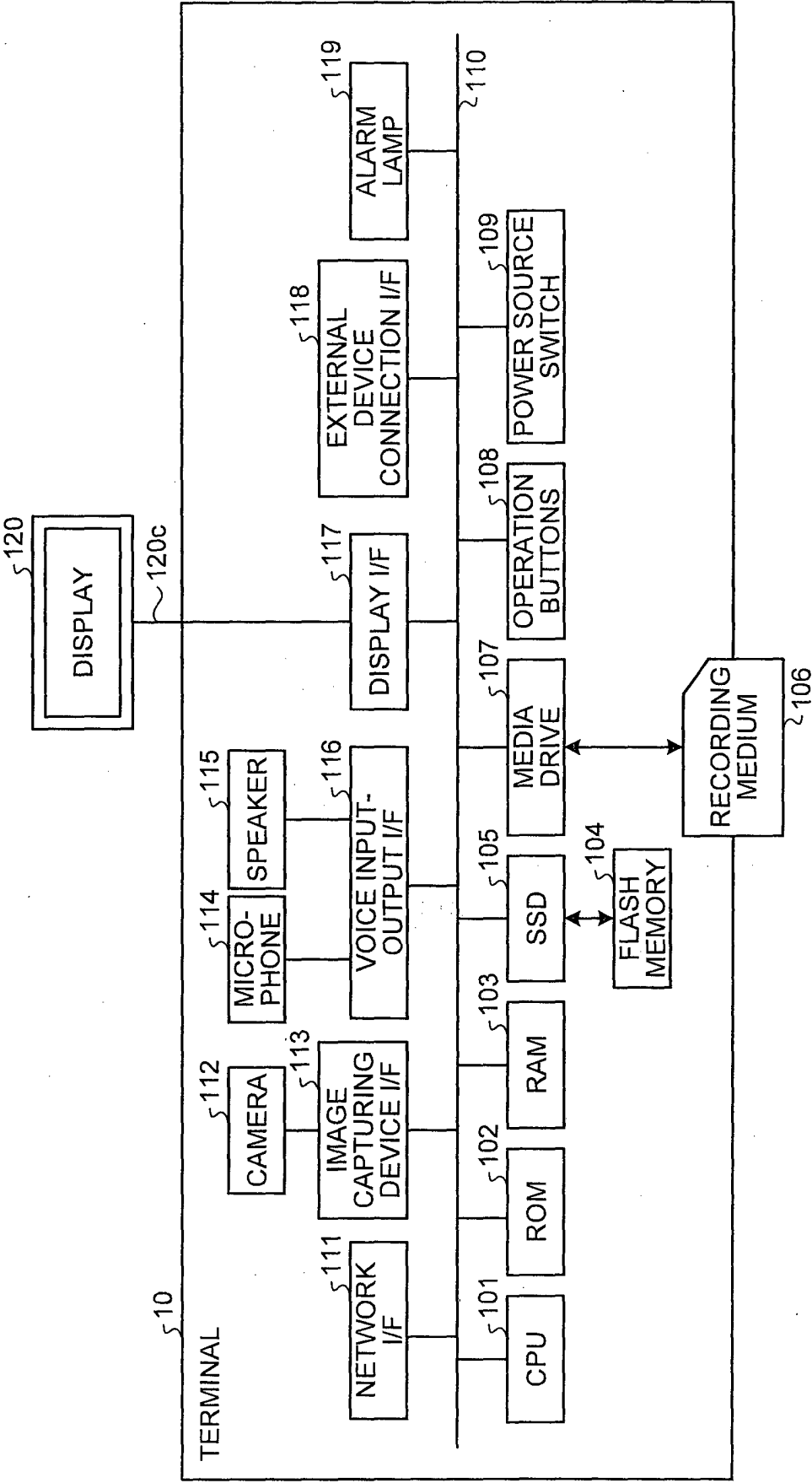


FIG.6

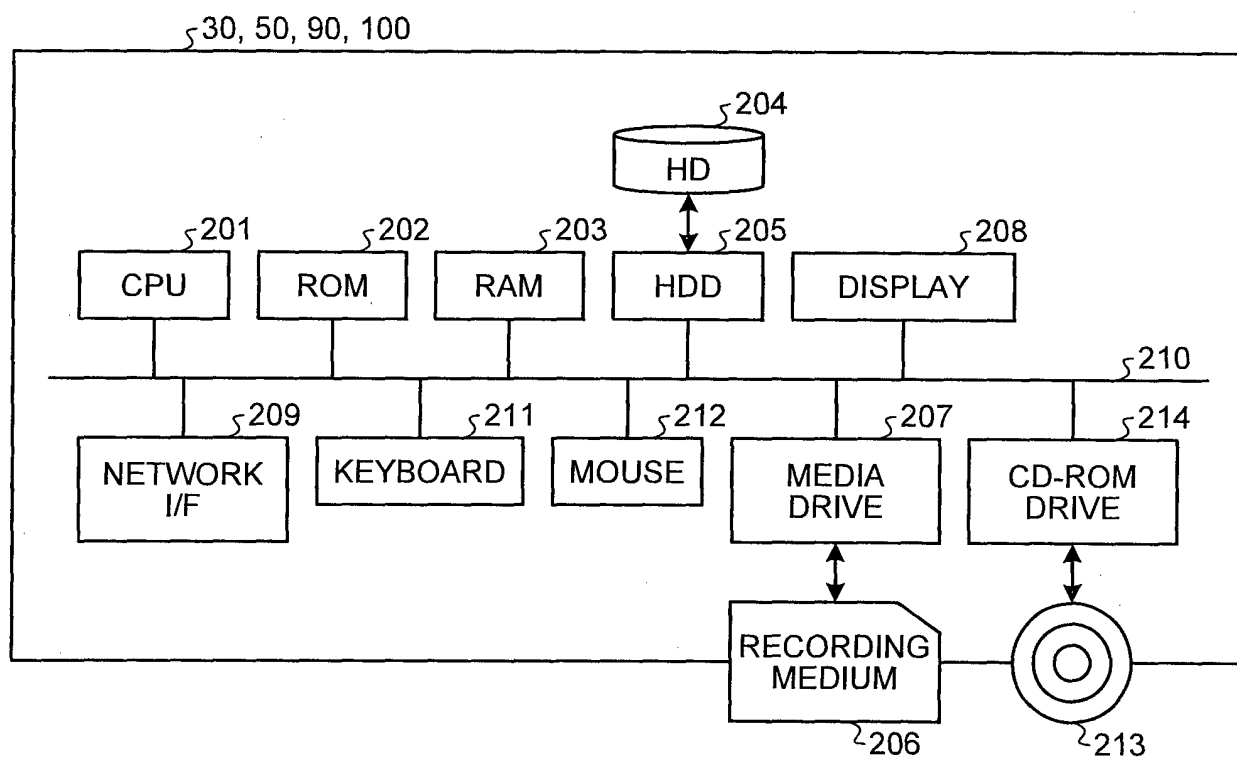


FIG. 7

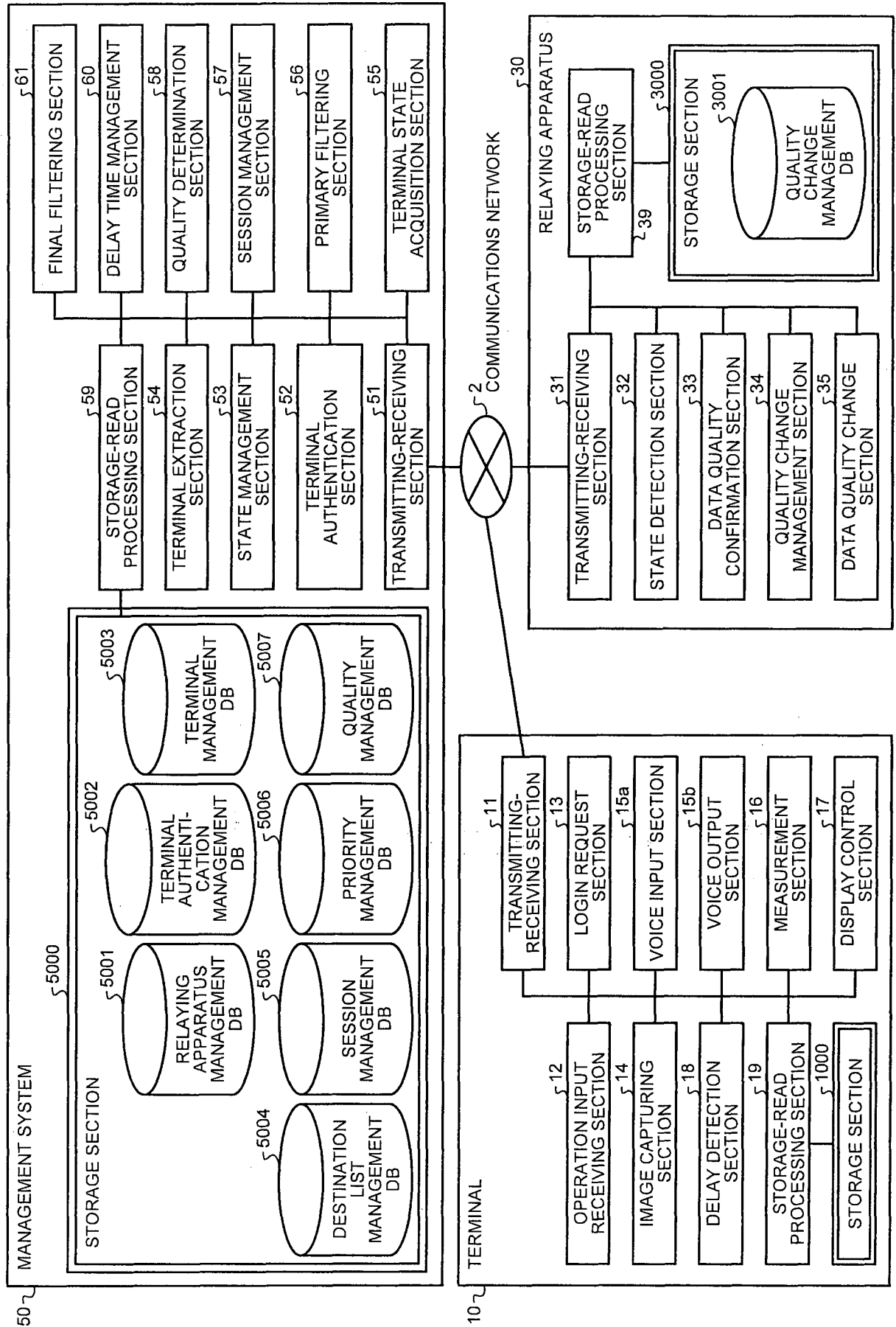


FIG.8

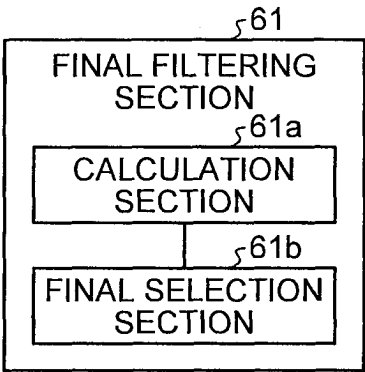


FIG.9

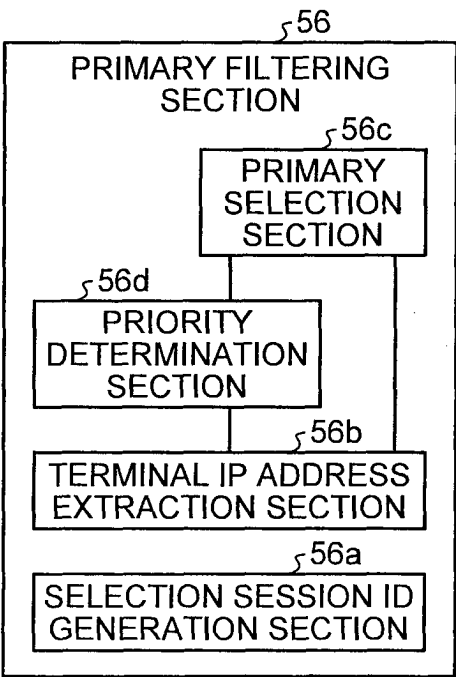


FIG.10

QUALITY CHANGE MANAGEMENT TABLE

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

FIG.11

RELAYING APPARATUS MANAGEMENT TABLE

RELAYING APPARATUS ID	OPERATION STATE	RECEIVING DATE	IP ADDRESS OF RELAYING APPARATUS	MAXIMUM DATA TRANSMISSION SPEED [Mbps]
111a	ONLINE	2009.11.10.13:00	1.2.1.2	100
111b	ONLINE	2009.11.10.13:10	1.2.2.2	1000
111c	OFFLINE	2009.11.10.13:20	1.3.1.2	100
111d	ONLINE	2009.11.10.13:30	1.3.2.2	10

FIG.12

TERMINAL AUTHENTICATION
MANAGEMENT TABLE

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

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FIG.13

TERMINAL MANAGEMENT TABLE

TERMINAL ID	DESTINATION NAME	OPERATION STATE	RECEIVING DATE	IP ADDRESS OF TERMINAL
01aa	AA TERMINAL, TOKYO BUSINESS OFFICE, JAPAN	ONLINE (TRANSMISSION IS ENABLED)	2009.11.10.13:40	1.2.1.3
01ab	AB TERMINAL, TOKYO BUSINESS OFFICE, JAPAN	OFFLINE	2009.11.09.12:00	1.2.1.4
...	...	...	...	...
01ba	BA TERMINAL, OSAKA BUSINESS OFFICE, JAPAN	ONLINE (TEMPORARY HALTED)	2009.11.10.13:45	1.2.2.3
01bb	BB TERMINAL, OSAKA BUSINESS OFFICE, JAPAN	ONLINE (TRANSMISSION IS ENABLED)	2009.11.10.13:50	1.2.2.4
...	...	...	...	...
01ca	CA TERMINAL, NEW YORK BUSINESS OFFICE, USA	OFFLINE	2009.11.10.12:45	1.3.1.3
01cb	CB TERMINAL, NEW YORK BUSINESS OFFICE, USA	ONLINE (IN TRANSMISSION)	2009.11.10.13:55	1.3.1.4
...	...	...	...	...
01da	DA TERMINAL, WASHINGTON BUSINESS OFFICE, USA	ONLINE (IN TRANSMISSION)	2009.11.08.12:45	1.3.2.3
01db	DB TERMINAL, WASHINGTON BUSINESS OFFICE, USA	OFFLINE	2009.11.10.12:45	1.3.2.4
...	...	...	...	...

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FIG.14

DESTINATION LIST MANAGEMENT TABLE

REQUEST ORIGIN 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.15

SESSION MANAGEMENT TABLE

SELECTION SESSION ID	RELAYING APPARATUS ID	REQUEST ORIGIN TERMINAL ID	DESTINATION TERMINAL ID	DELAY TIME [ms]	DELAY INFORMATION RECEIVING DATE
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
...	...	...	...	...	...

FIG.16

ADDRESS PRIORITY MANAGEMENT TABLE

SAME/DIFFERENT IN DOT ADDRESS	ADDRESS PRIORITY
SAME.SAME.SAME.DIFFERENT	5
SAME.SAME.DIFFERENT.-	3
SAME.DIFFERENT.-.-	1
DIFFERENT.-.-.-	0

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FIG.17

TRANSMISSION SPEED PRIORITY MANAGEMENT TABLE

MAXIMUM DATA TRANSMISSION SPEED AT RELAYING APPARATUS [Mbps]	TRANSMISSION SPEED PRIORITY
1000 OR MORE	5
FROM 100 TO 1000	3
FROM 10 TO 100	1
LESS THAN 10	0

FIG.18

QUALITY MANAGEMENT TABLE

DELAY TIME [ms]	IMAGE QUALITY OF IMAGE DATA (QUALITY OF IMAGE)
FROM 0 TO 100	HIGH IMAGE QUALITY
FROM 100 TO 300	MEDIUM IMAGE QUALITY
FROM 300 TO 500	LOW IMAGE QUALITY
500 OR MORE	(HALTED)

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FIG.19

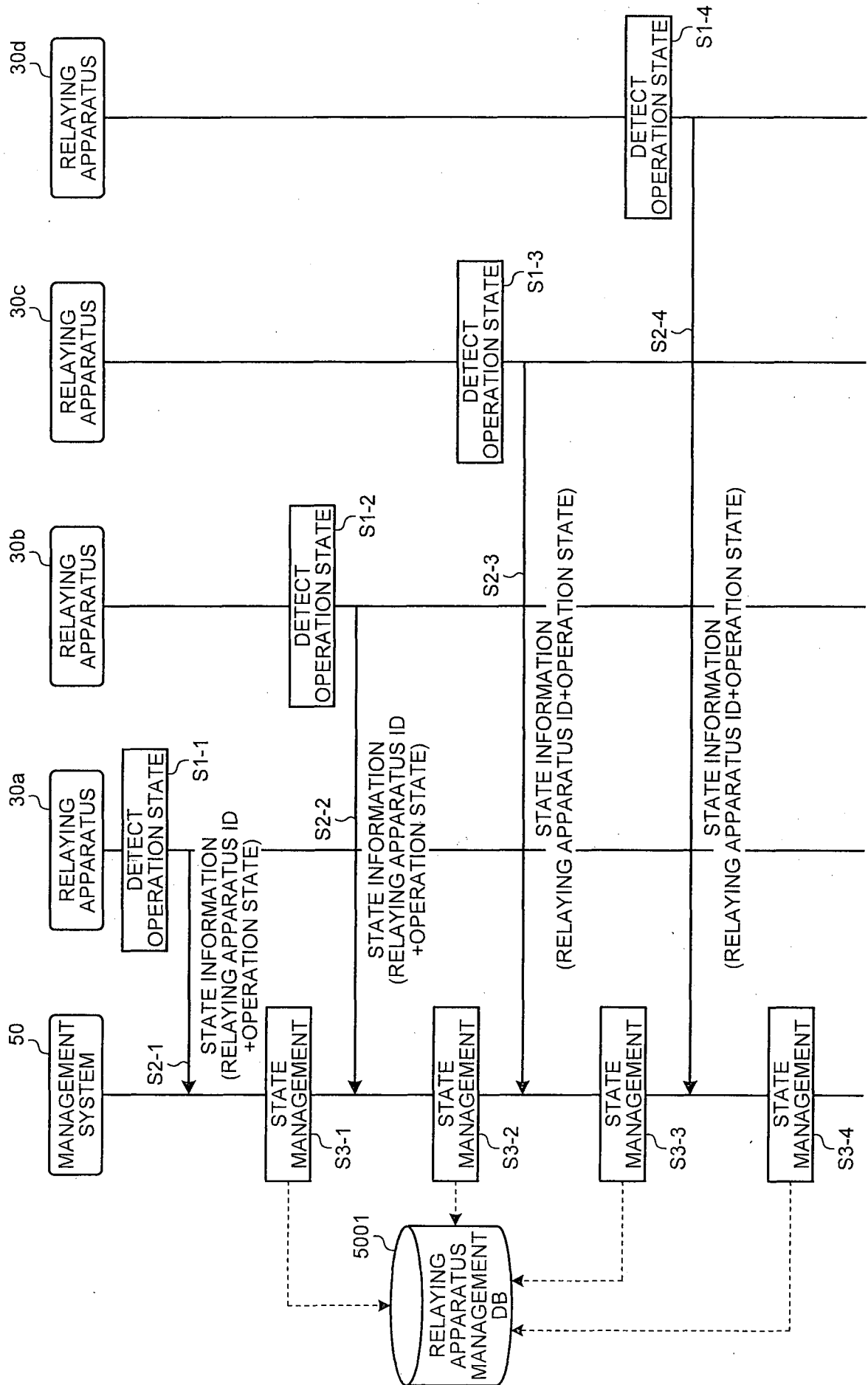
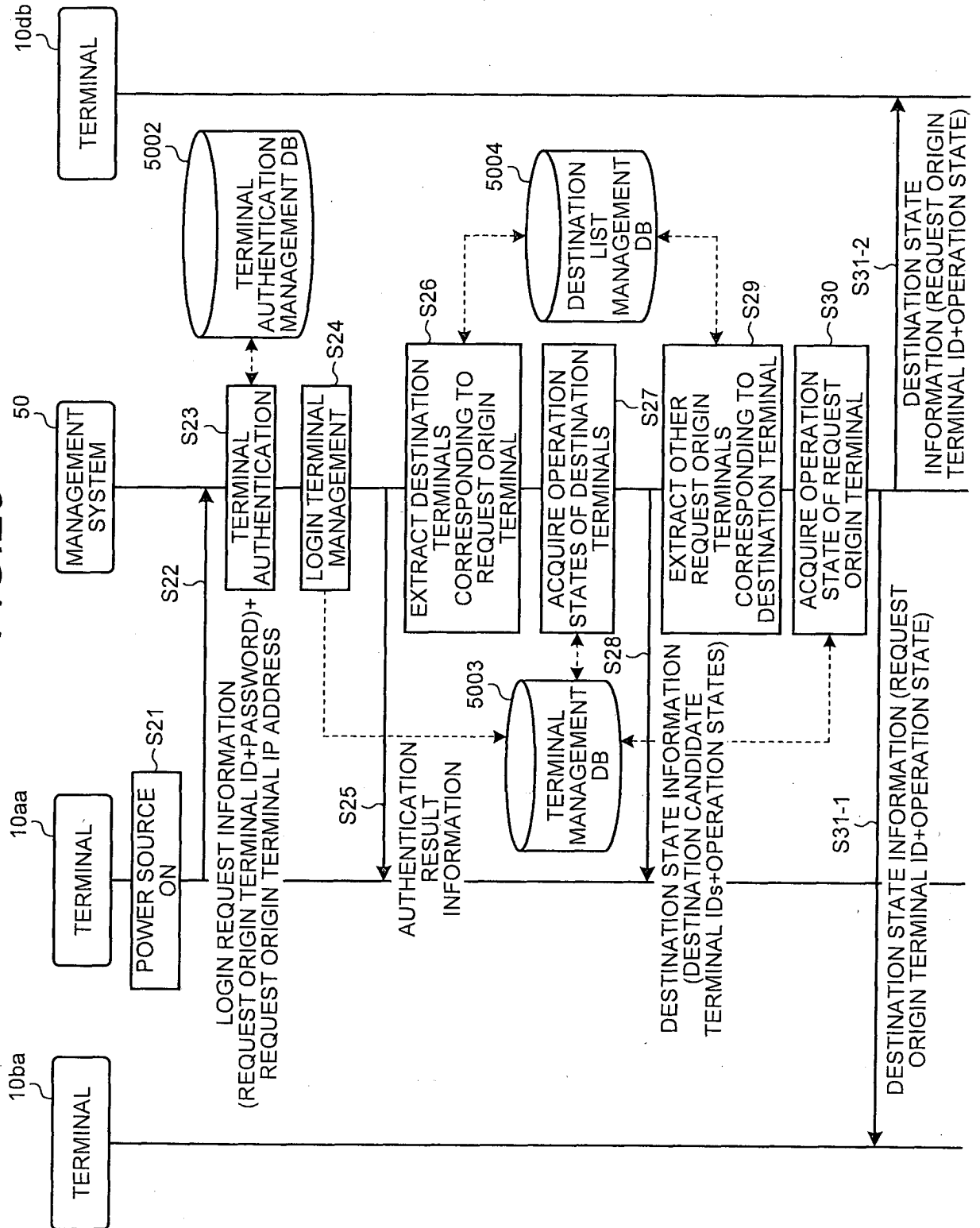


FIG. 20



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FIG.21

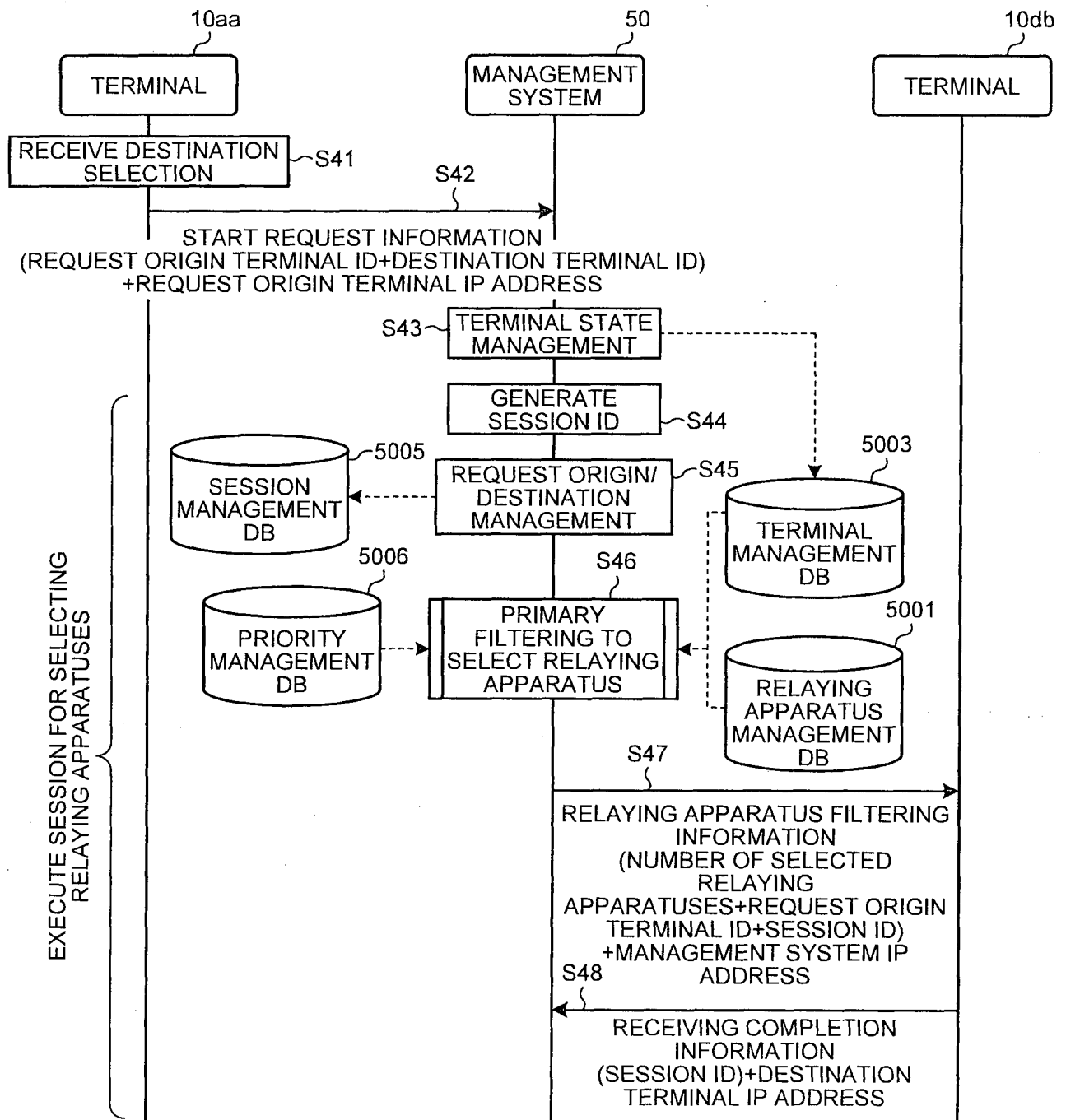


FIG.22

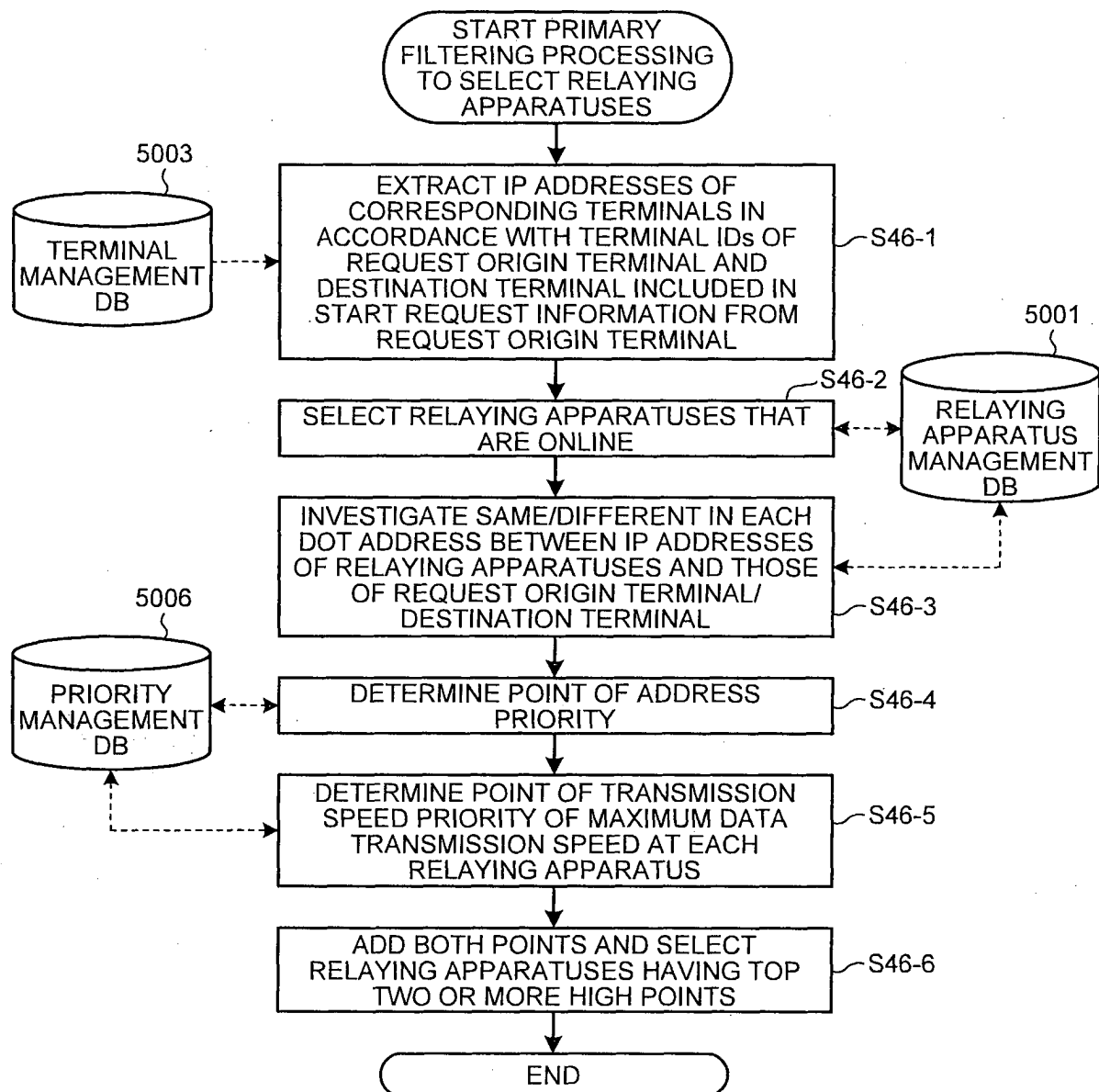


FIG.23

RELAYING APPARATUS ID	ADDRESS PRIORITY		POINT OF TRANSMISSION SPEED PRIORITY	TOTAL POINT
	POINT WITH RESPECT TO TERMINAL 10aa	POINT WITH RESPECT TO TERMINAL 10db		
111a	5	1	3	8
111b	3	1	5	8
111c	-	-	-	-
111d	1	5	1	6

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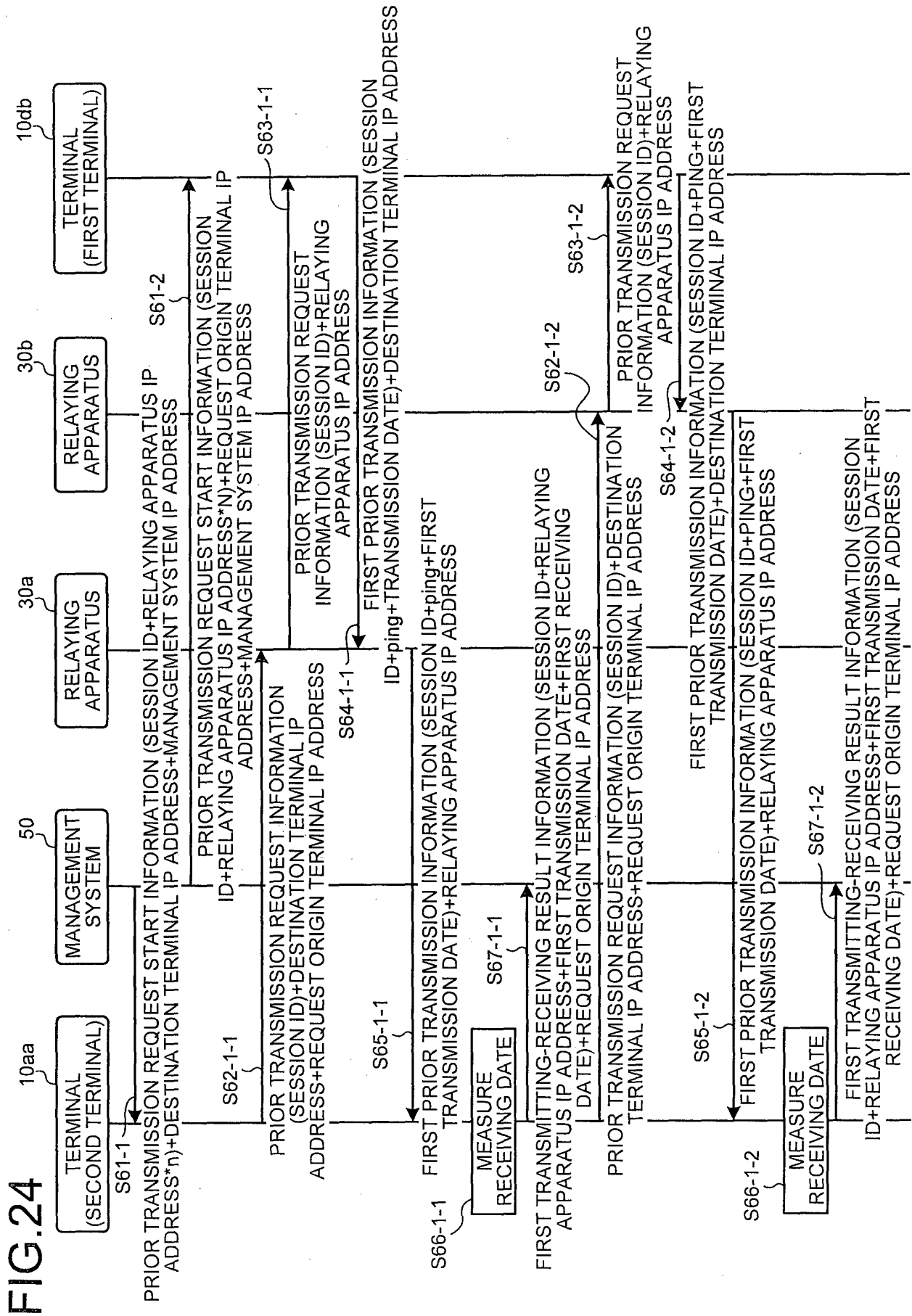


FIG.25

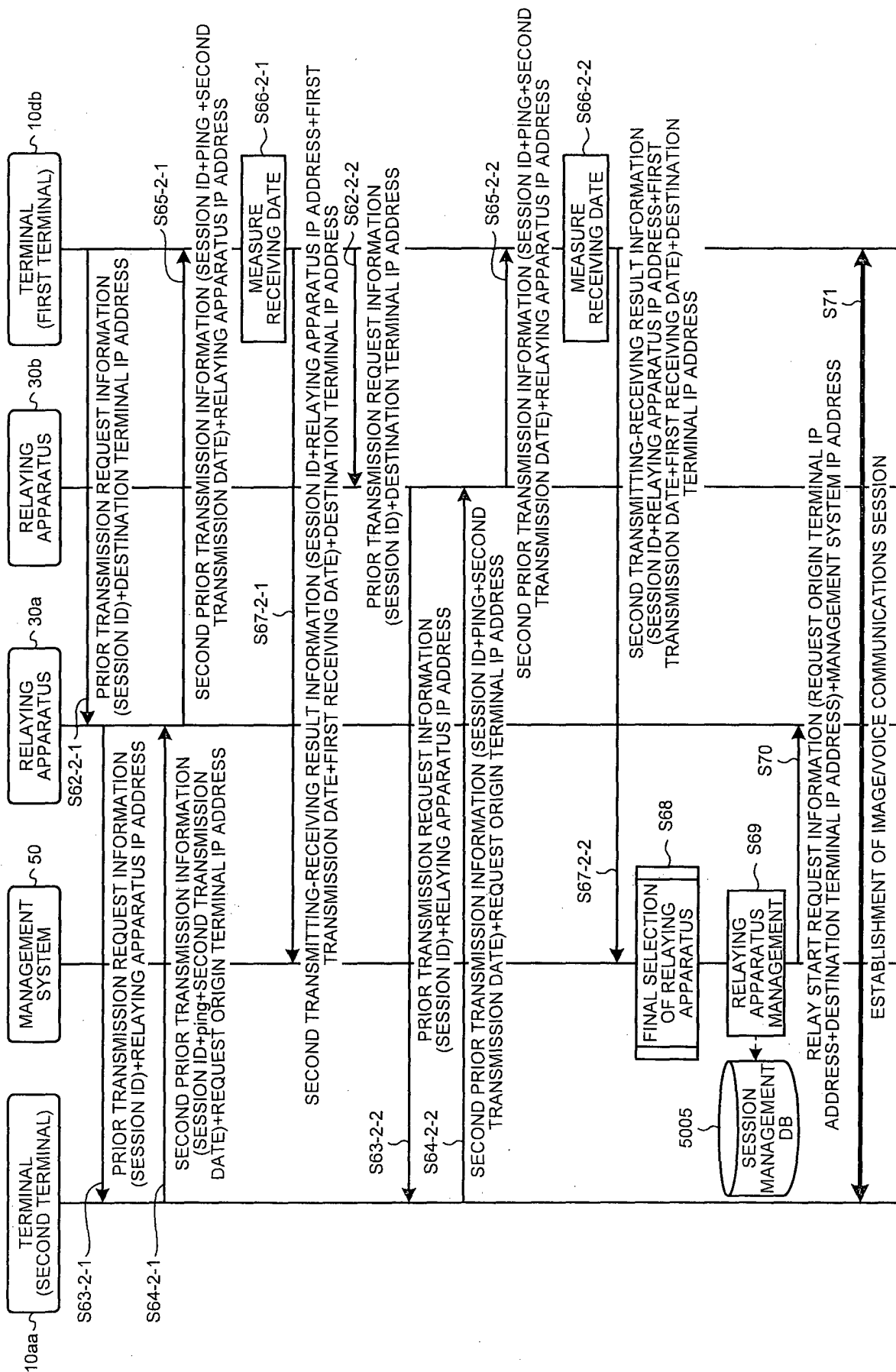
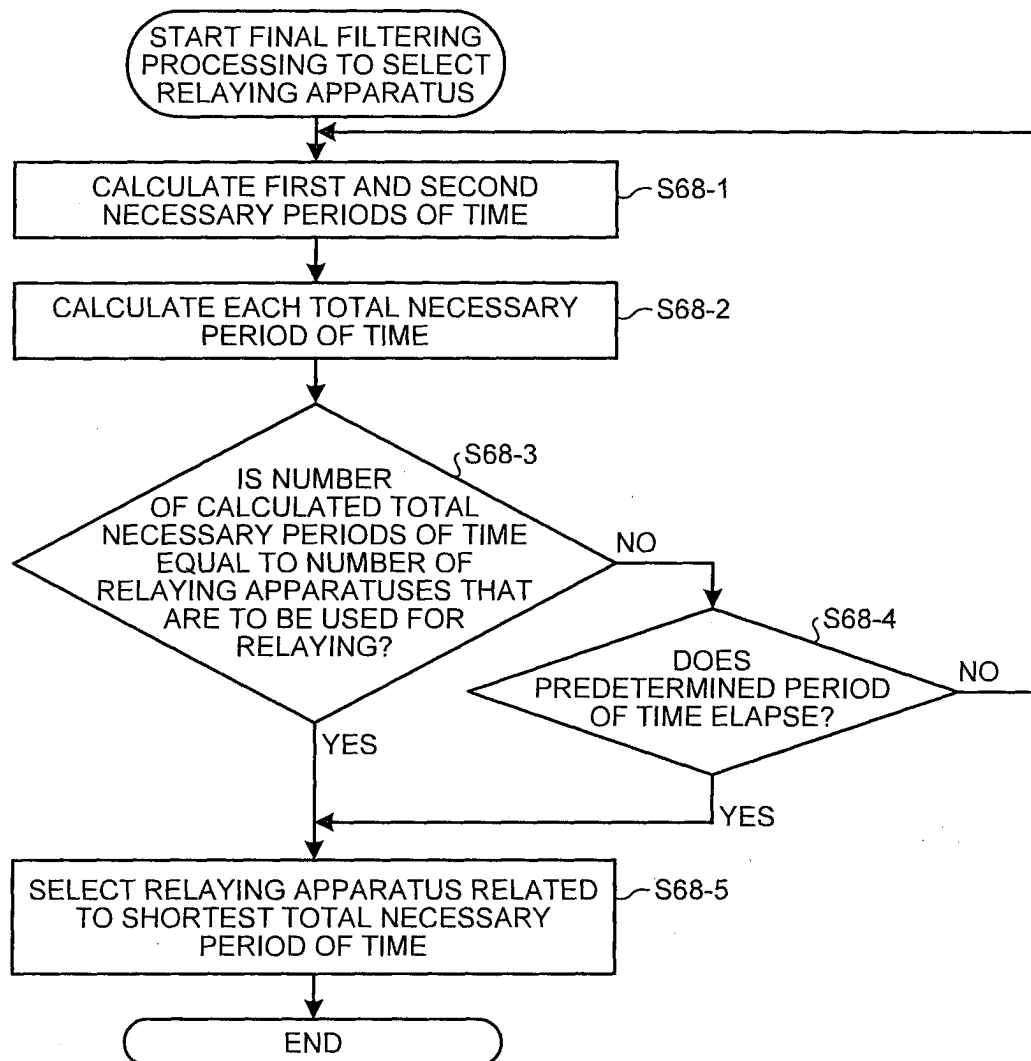


FIG.26



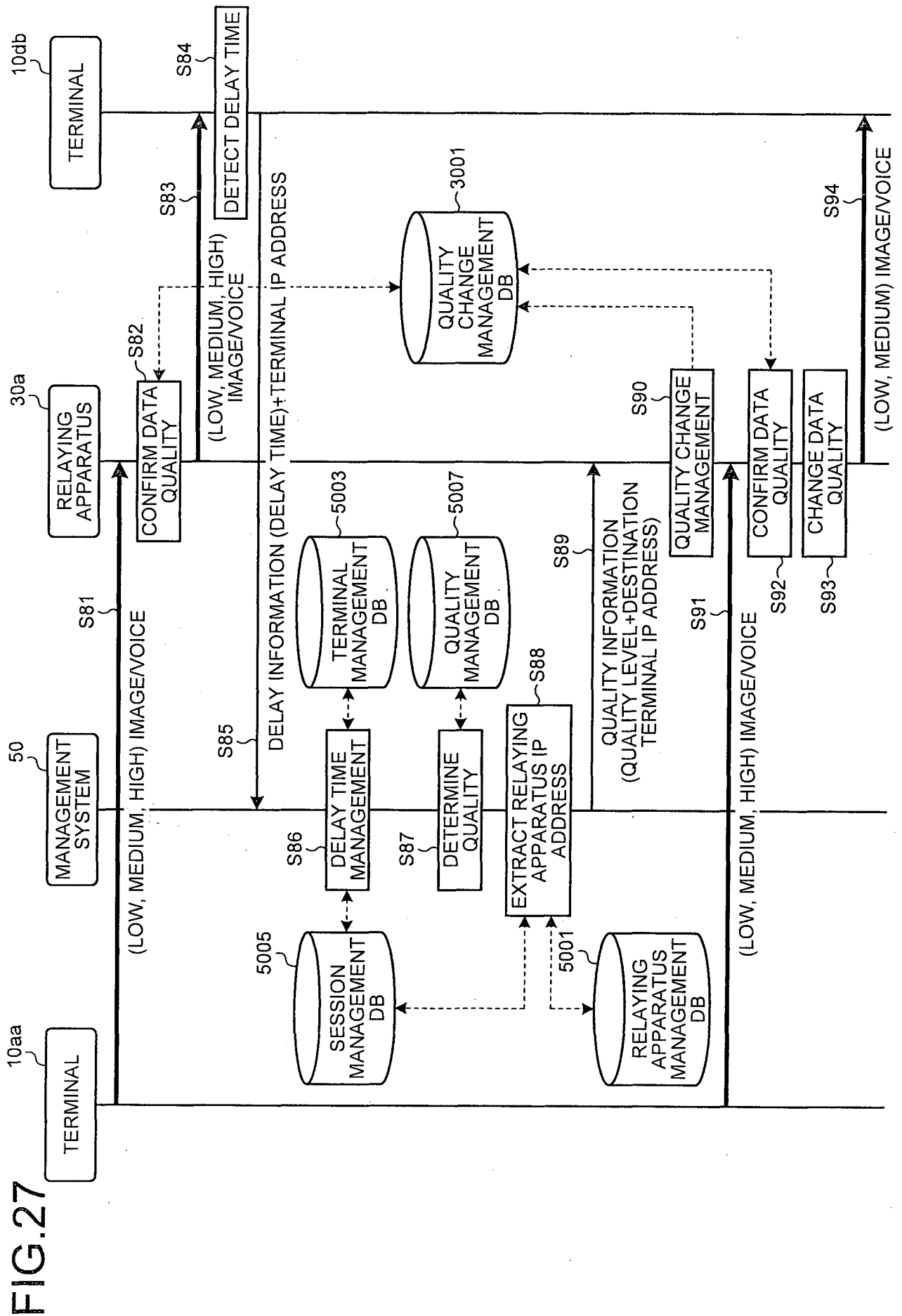


FIG.28

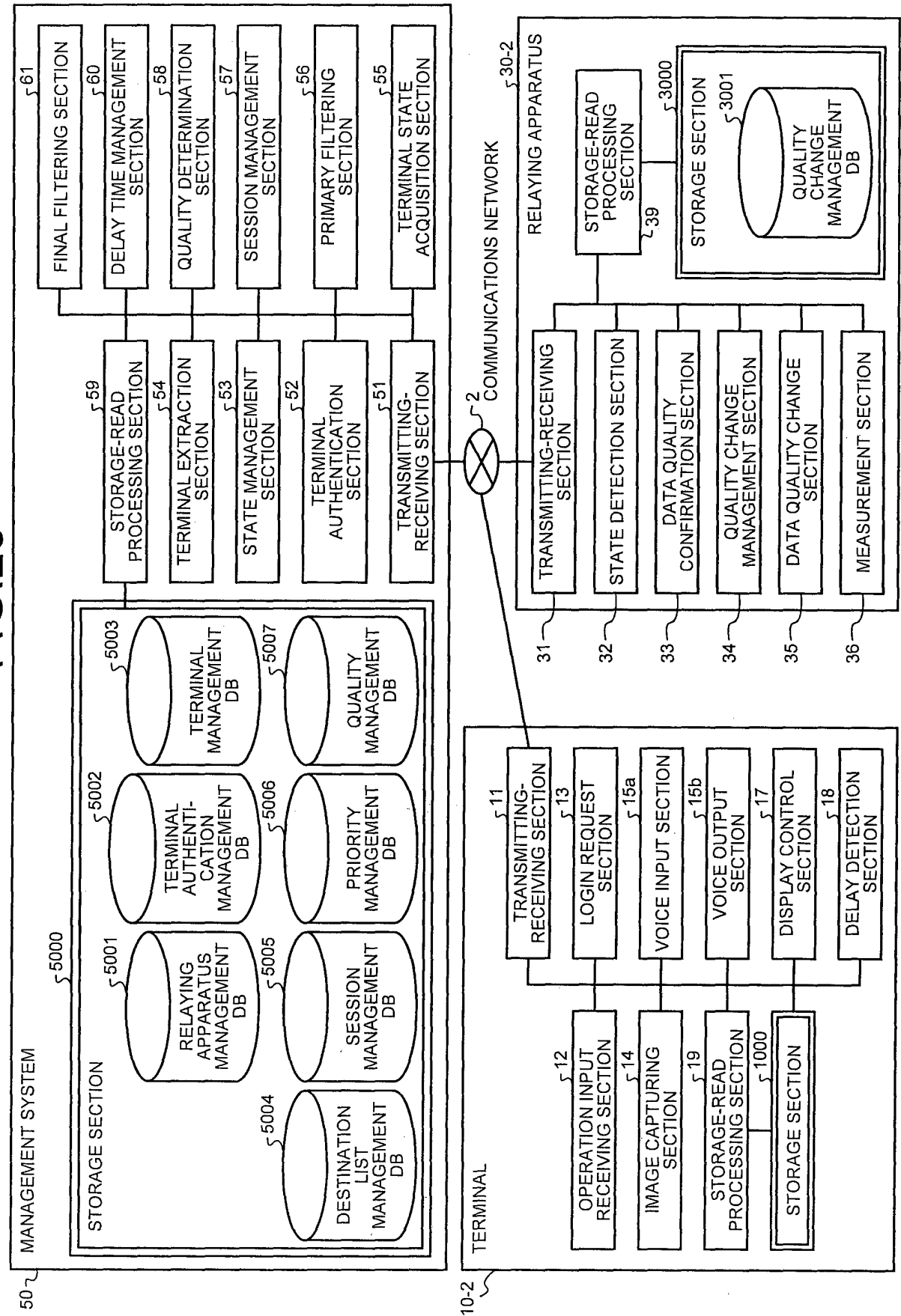


FIG.29

