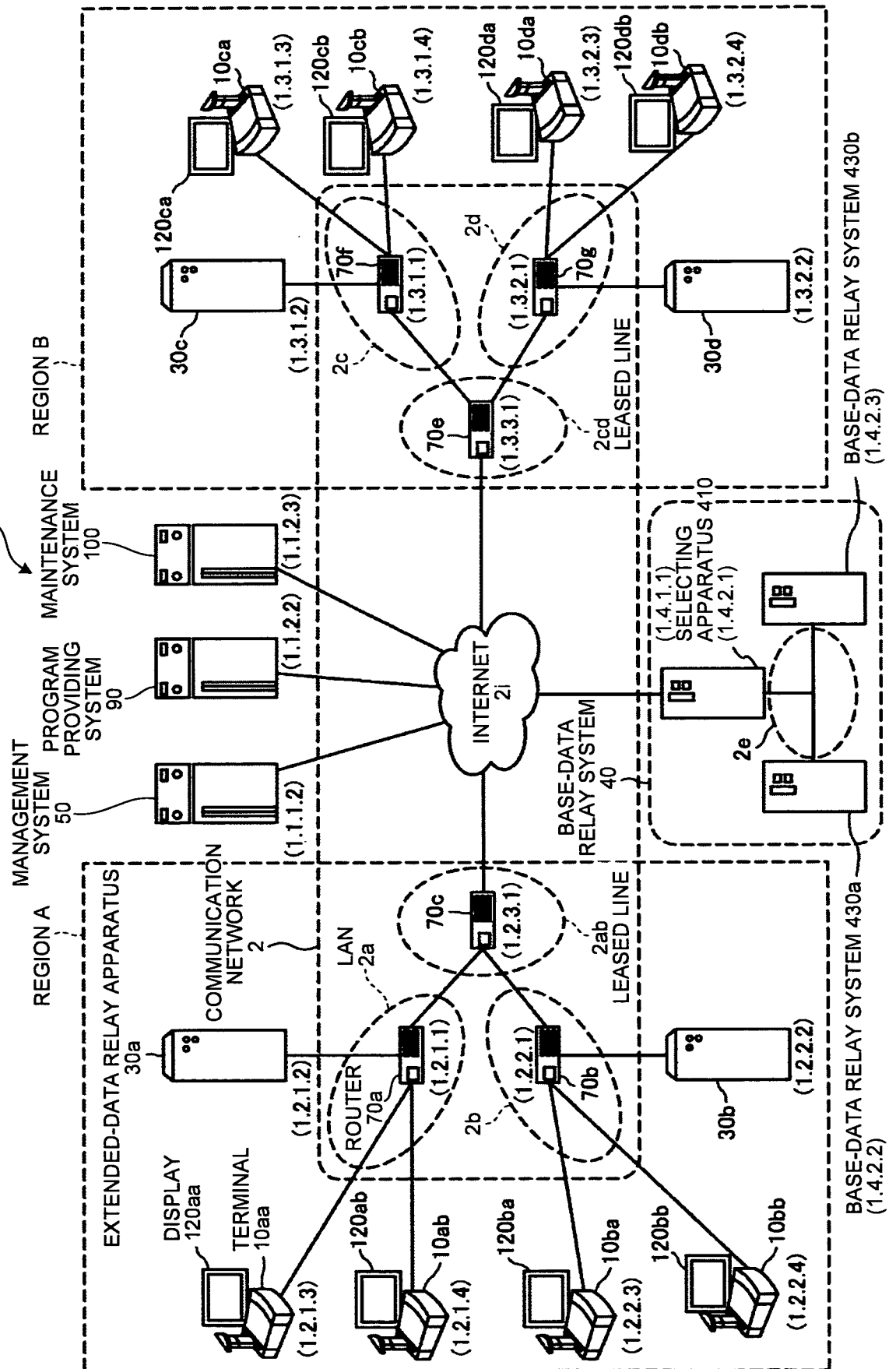


FIG.1 TRANSMISSION SYSTEM



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FIG.2

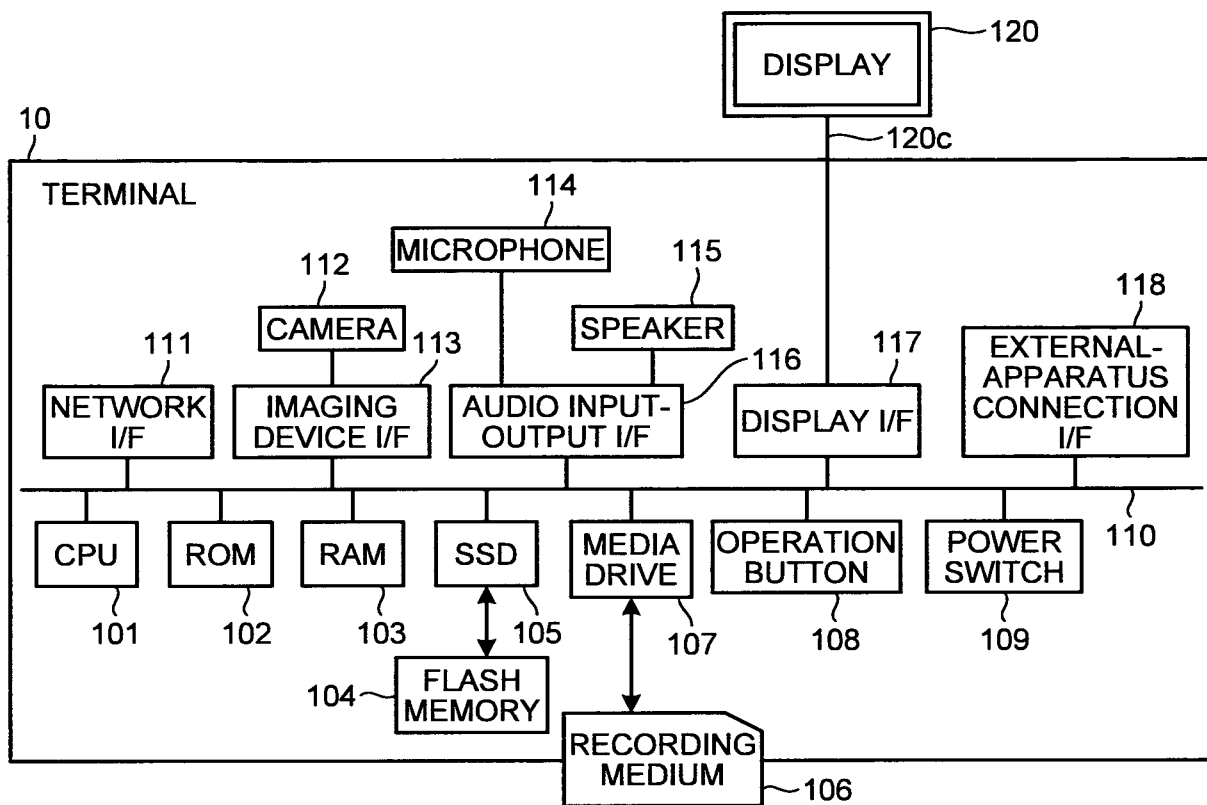


FIG.3

30, 50, 90, 100, 410, 430

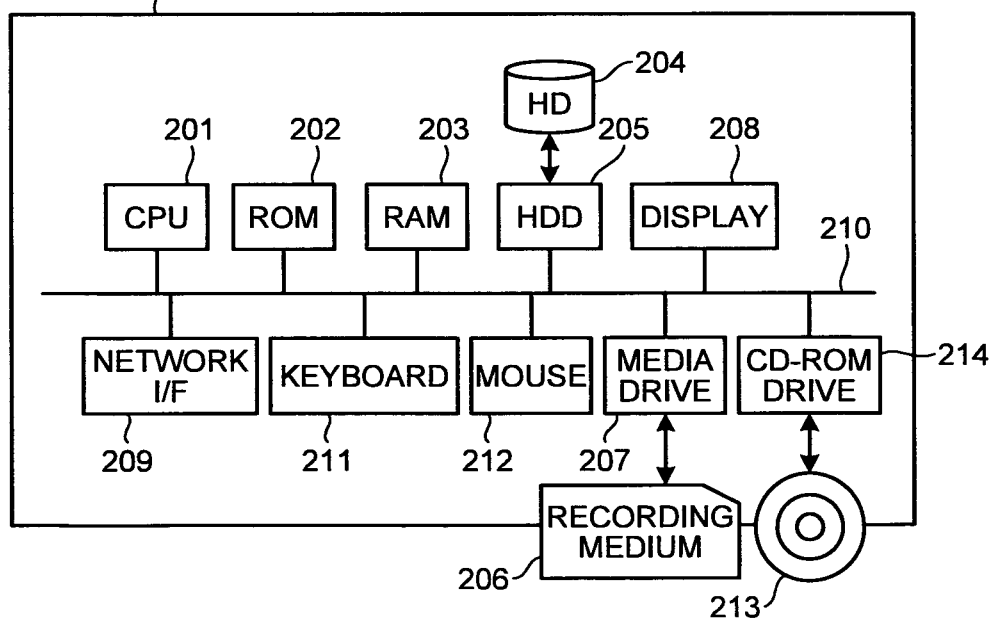


FIG.4

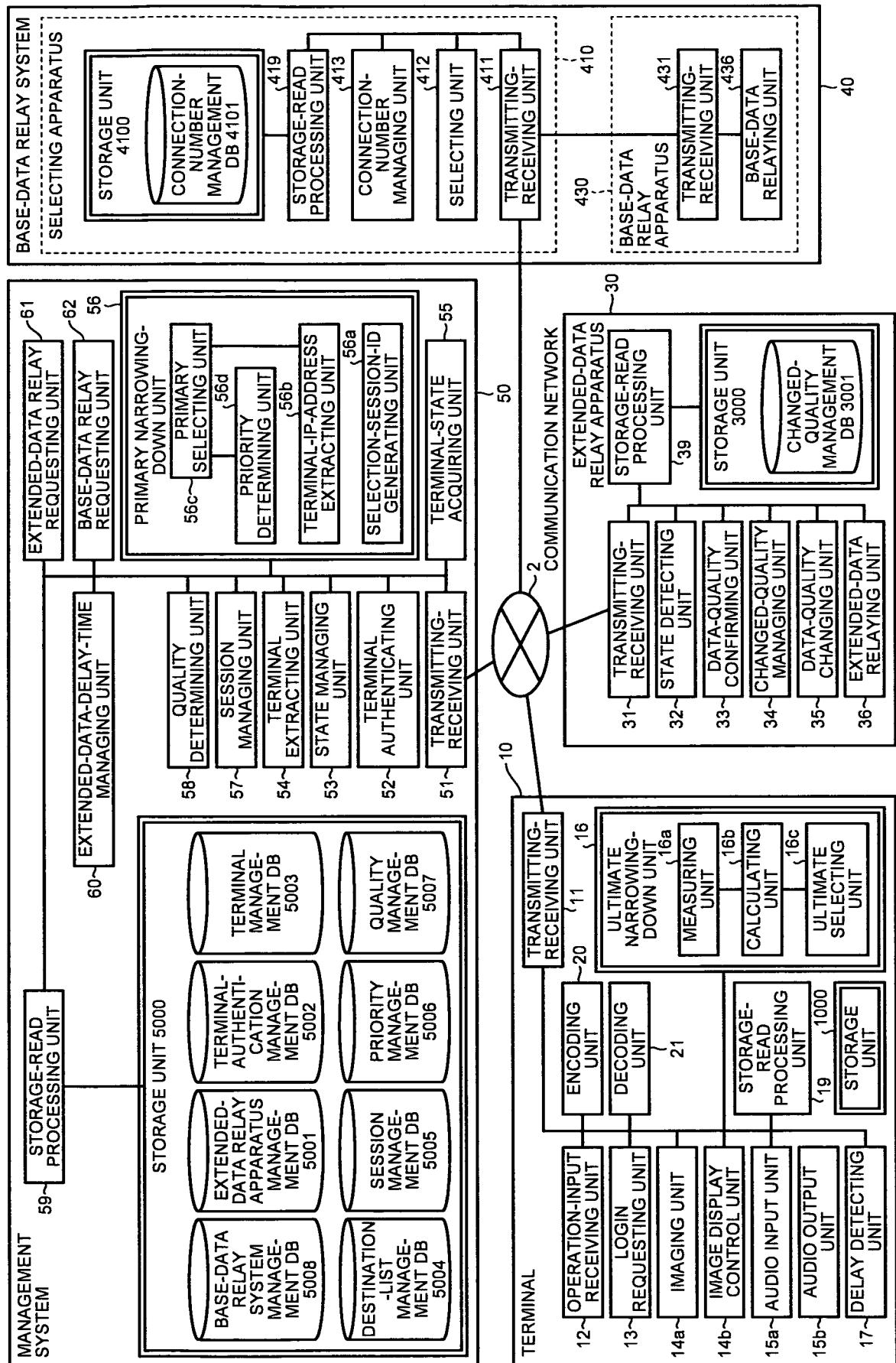


FIG.5

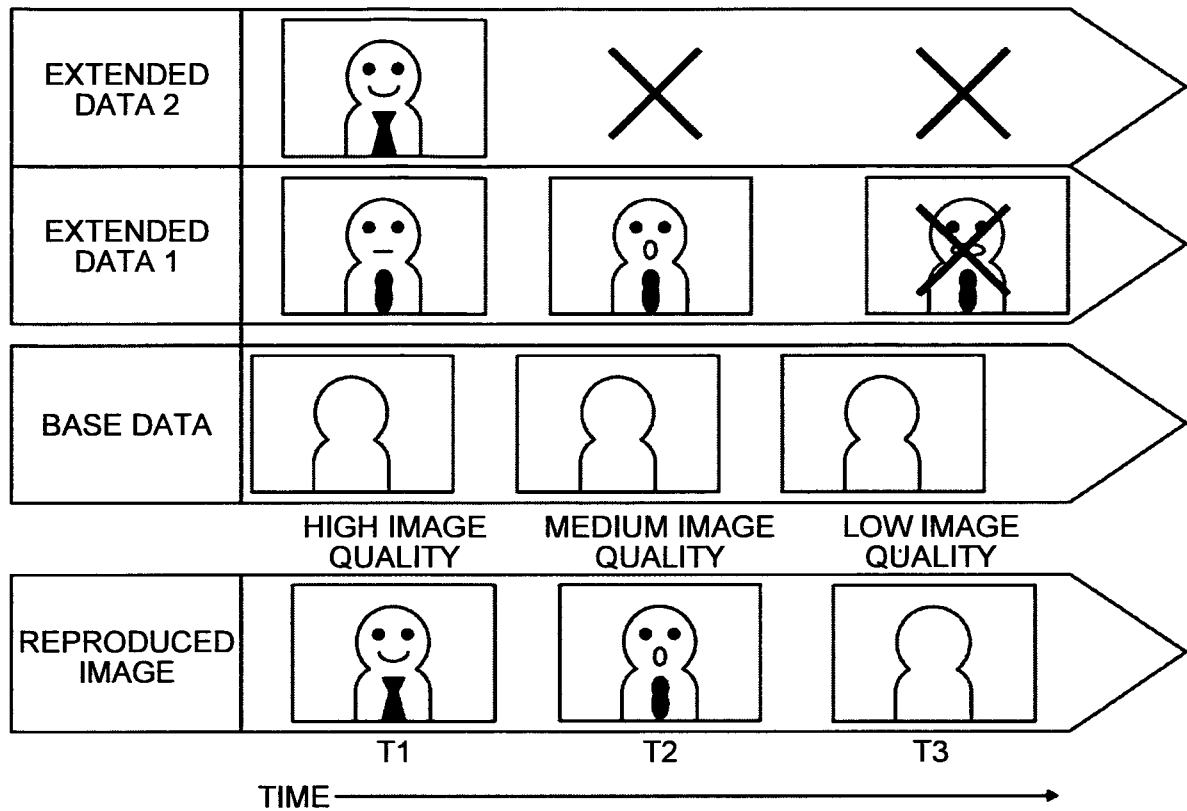


FIG.6A

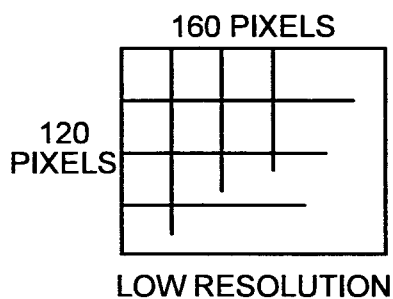


FIG.6B

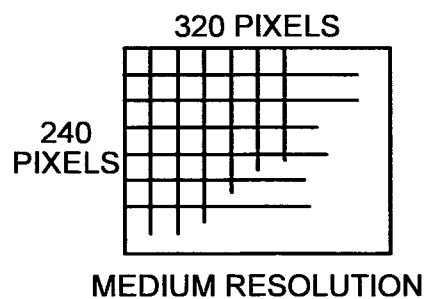
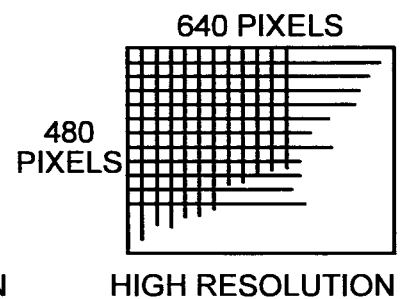


FIG.6C



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FIG.7

CONNECTION-NUMBER MANAGEMENT TABLE

IP ADDRESS OF BASE-DATA RELAY APPARATUS	CONNECTION NUMBER
1.4.2.2	4
1.4.2.3	2
...	...

FIG.8

CHANGED-QUALITY MANAGEMENT TABLE

IP ADDRESS OF RELAY DESTINATION OF EXTENDED DATA	IMAGE QUALITY OF IMAGE DATA TO BE RELAYED (EXTENDED DATA TO BE RELAYED)
1.3.2.4	HIGH IMAGE QUALITY (EXTENDED DATA 1, EXTENDED DATA 2)
1.3.1.3	LOW IMAGE QUALITY (NONE)
1.3.2.3	MEDIUM IMAGE QUALITY (EXTENDED DATA 1)
...	...

FIG.9

EXTENDED-DATA RELAY APPARATUS MANAGEMENT TABLE

ID OF EXTENDED- DATA RELAY APPARATUS	OPERATING STATE	RECEPTION DATE AND TIME	IP ADDRESS OF EXTENDED- DATA RELAY APPARATUS	MAXIMUM DATA TRANSMISSION RATE (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.10TERMINAL-AUTHENTICATION
MANAGEMENT TABLE

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

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FIG.11

TERMINAL MANAGEMENT TABLE

TERMINAL ID	OPERATING STATE	RECEPTION DATE AND TIME	IP ADDRESS OF TERMINAL
01aa	ONLINE	2009.11.10.13:40	1.2.1.3
01ab	OFFLINE	2009.11.09.12:00	1.2.1.4
01ba	ONLINE	2009.11.10.13:45	1.2.2.3
...	...	...	...
01db	ONLINE	2009.11.10.13:50	1.3.2.4

FIG.12

DESTINATION-LIST MANAGEMENT TABLE

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

FIG.13

SESSION MANAGEMENT TABLE

SELECTION SESSION ID	ID OF EXTENDED-DATA RELAY APPARATUS	ID OF REQUEST SOURCE TERMINAL	ID OF DESTINATION TERMINAL	EXTENDED-DATA DELAY TIME (ms)	RECEPTION DATE AND TIME OF EXTENDED-DATA DELAY INFORMATION
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.14

ADDRESS-PRIORITY MANAGEMENT TABLE

COINCIDENCE OF DOT ADDRESSES	ADDRESS PRIORITY
SAME. SAME. SAME. DIFFERENT	5
SAME. SAME. DIFFERENT.-	3
SAME. DIFFERENT.-.-	1
DIFFERENT.-.-.-	0

FIG.15

TRANSMISSION-RATE-PRIORITY MANAGEMENT TABLE

MAXIMUM DATA TRANSMISSION RATE OF EXTENDED-DATA RELAY APPARATUS (Mbps)	TRANSMISSION- RATE PRIORITY
EQUAL TO OR GREATER THAN 1000	5
EQUAL TO OR GREATER THAN 100 AND SMALLER THAN 1000	3
EQUAL TO OR GREATER THAN 10 AND SMALLER THAN 100	1
SMALLER THAN 10	0

FIG.16

QUALITY MANAGEMENT TABLE

EXTENDED-DATA DELAY TIME (ms)	QUALITY OF IMAGE DATA (EXTENDED DATA TO BE RELAYED)
EQUAL TO OR GREATER THAN 0 AND SMALLER THAN 100	HIGH IMAGE QUALITY (EXTENDED DATA 1, EXTENDED DATA 2)
EQUAL TO OR GREATER THAN 100 AND SMALLER THAN 300	MEDIUM IMAGE QUALITY (EXTENDED DATA 1)
EQUAL TO OR GREATER THAN 300	LOW IMAGE QUALITY (NONE)

FIG.17

BASE-DATA RELAY SYSTEM MANAGEMENT TABLE

BASE-DATA RELAY SYSTEM ID	IP ADDRESS OF SELECTING APPARATUS
222a	1.4.1.1

FIG. 18

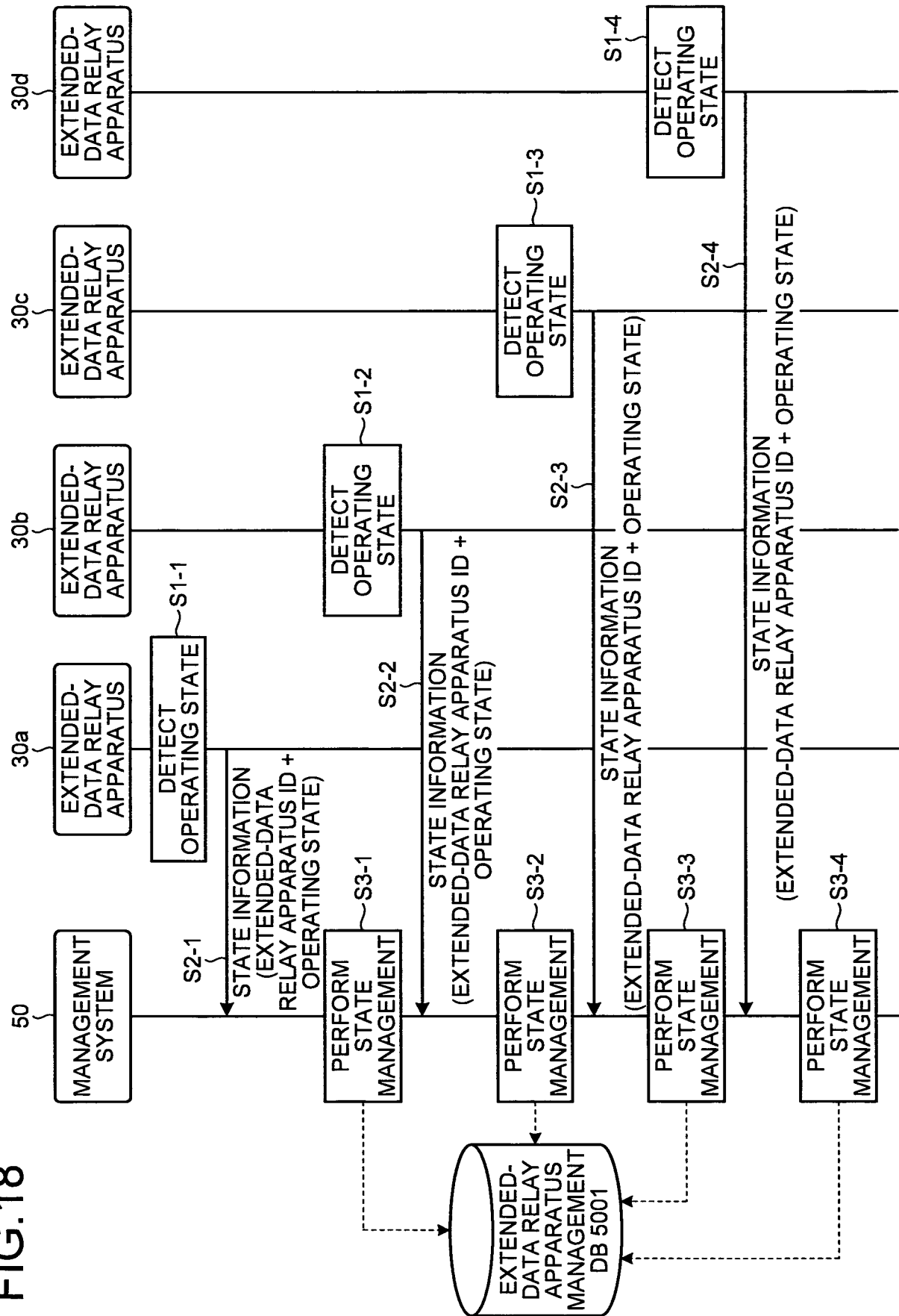
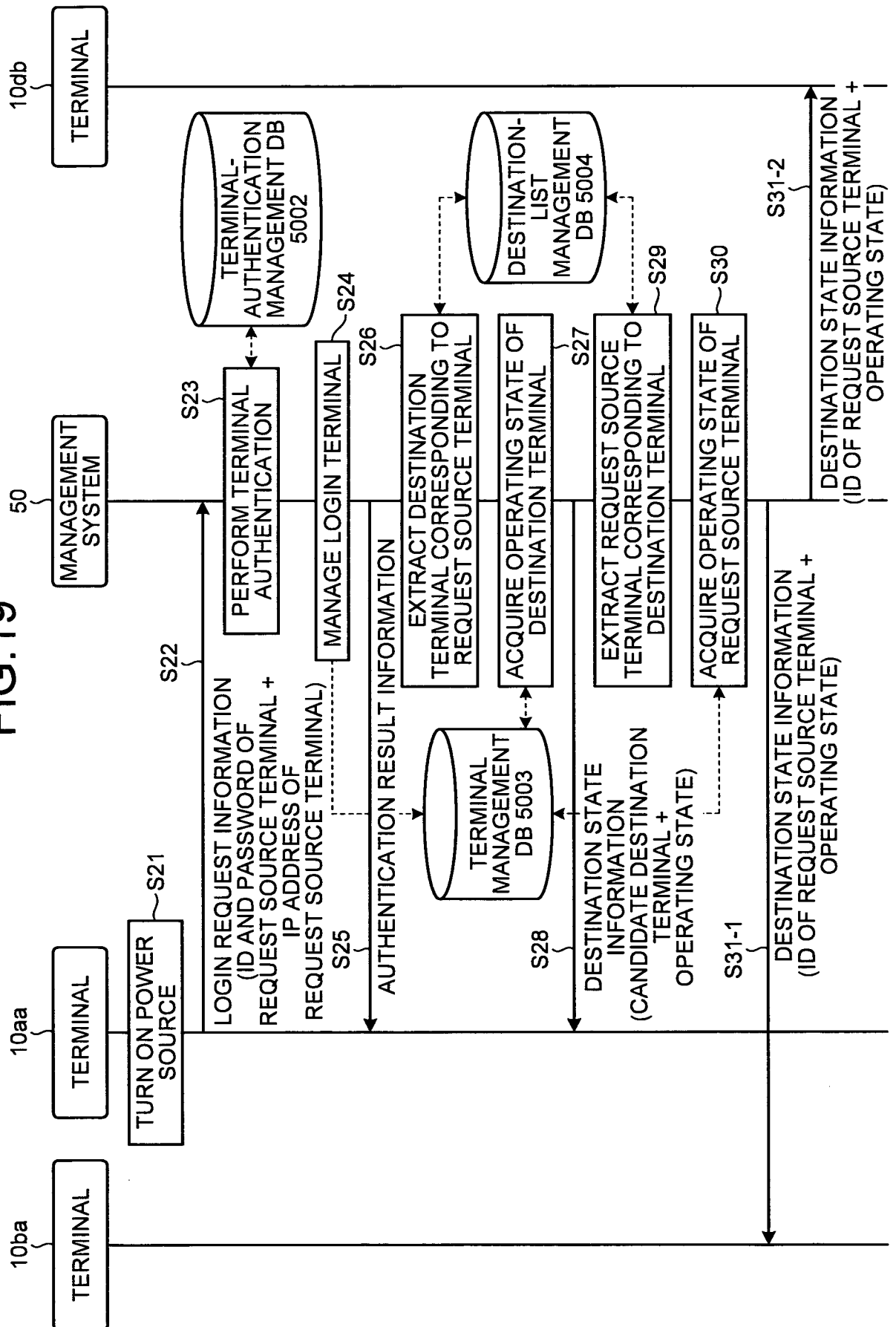
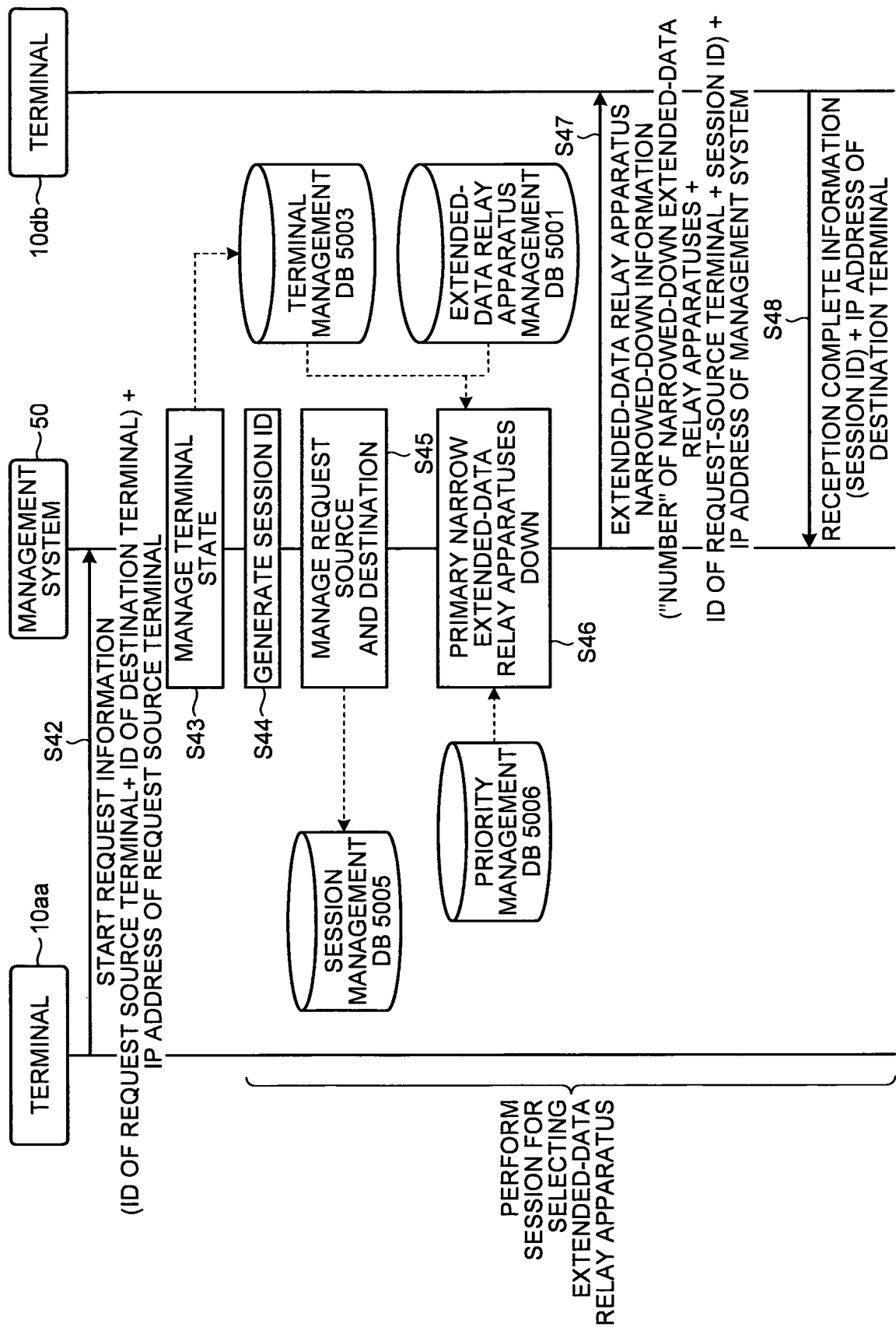


FIG.19



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FIG.20



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FIG.21

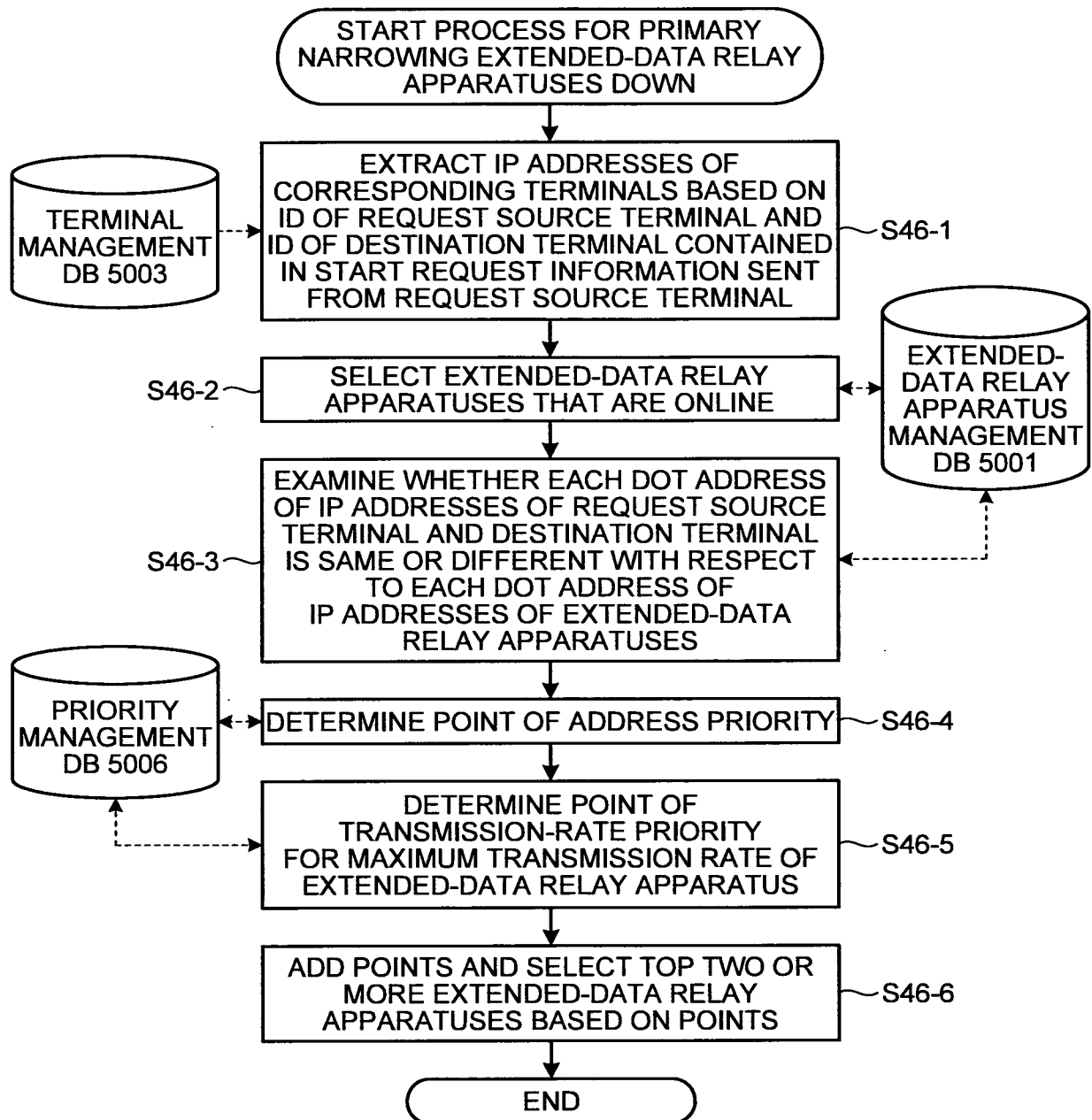


FIG.22

ID OF EXTENDED- DATA RELAY APPARATUS	ADDRESS PRIORITY		POINT OF TRANSMISSION- RATE PRIORITY	COMBINATION POINT
	POINT FOR TERMINAL 10aa	POINT FOR TERMINAL 10bd		
111a	5	1	3	8
111b	3	1	5	8
111c	-	-	-	-
111d	1	5	1	6

FIG. 23

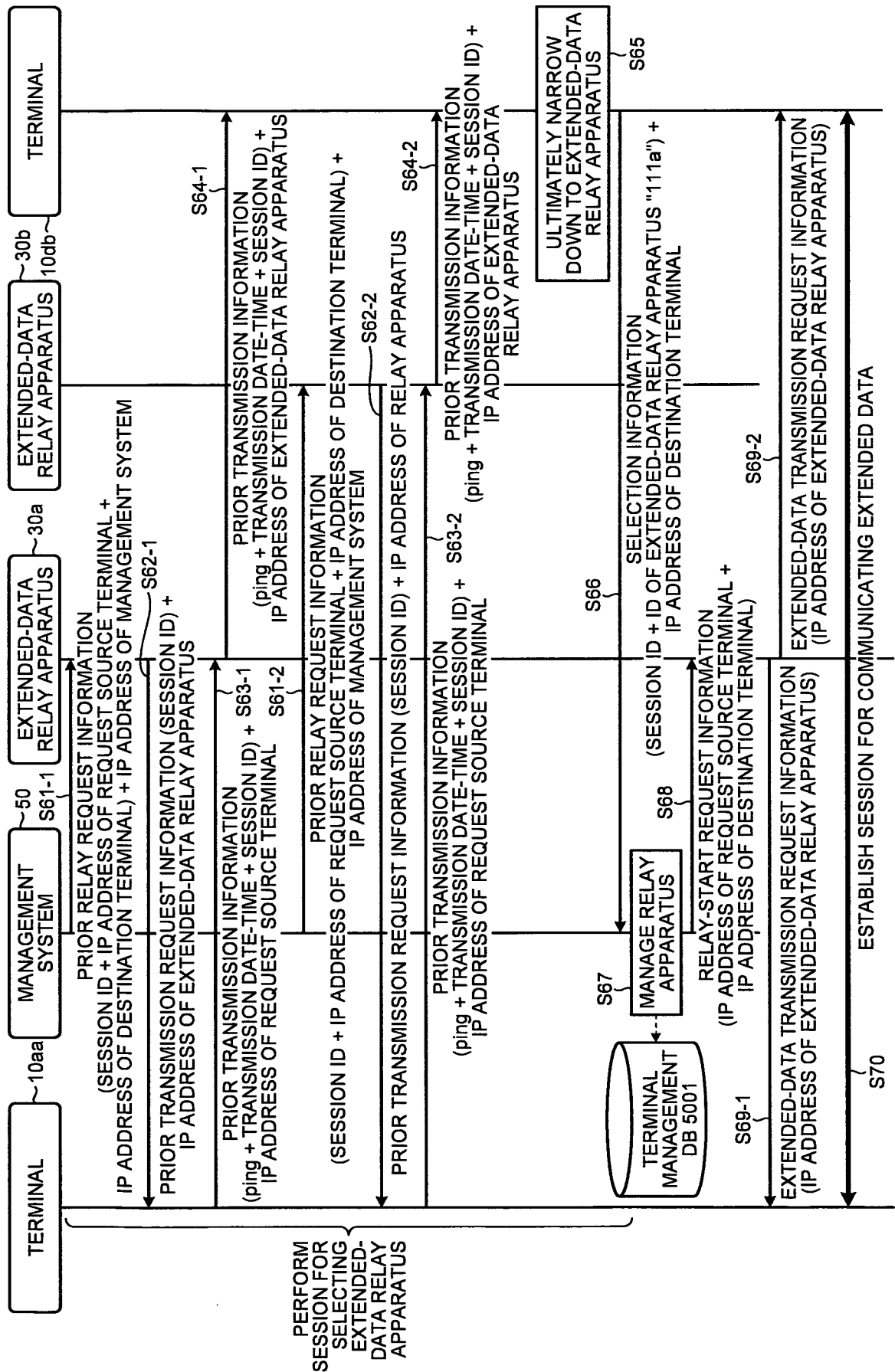
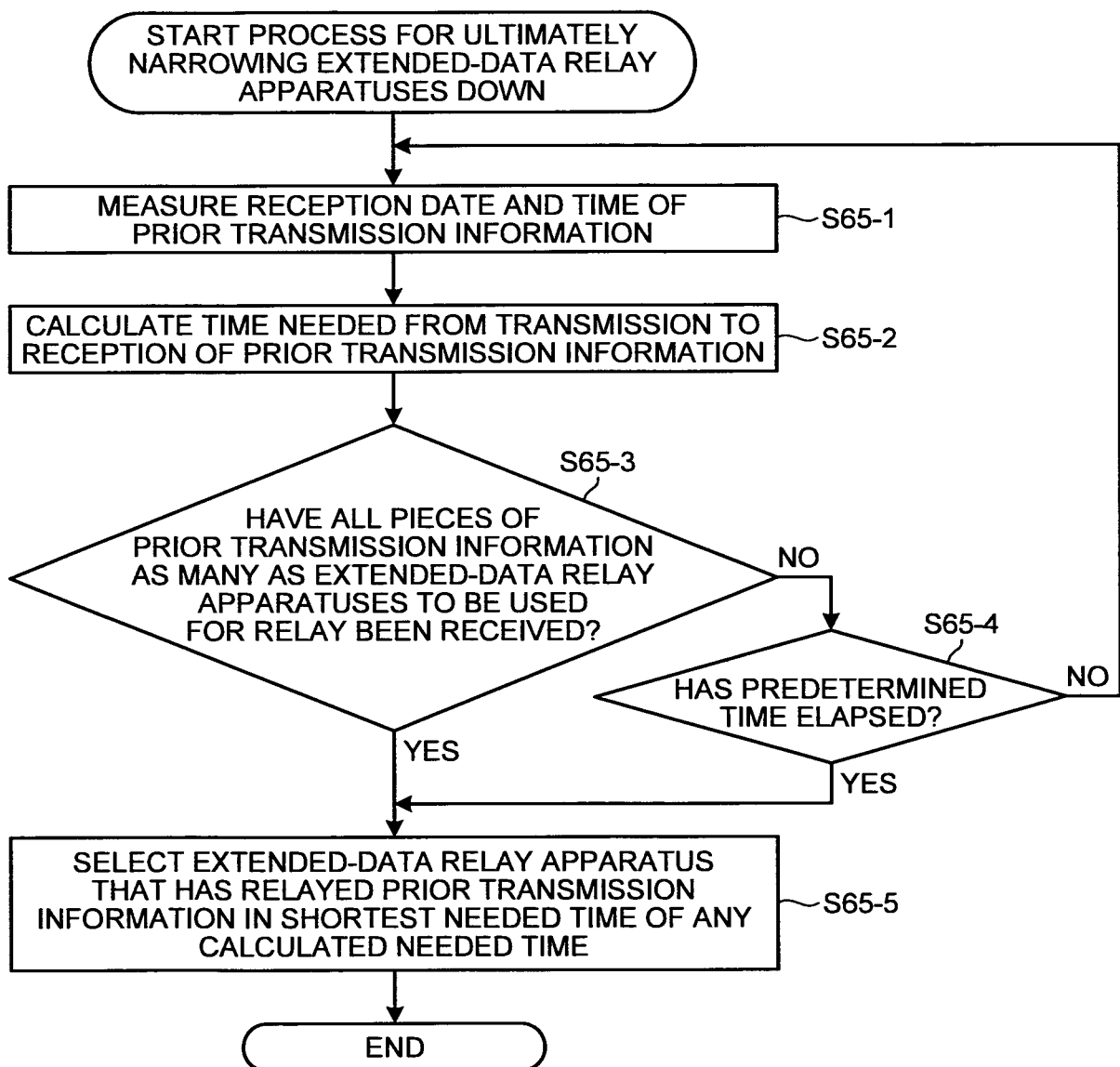


FIG.24



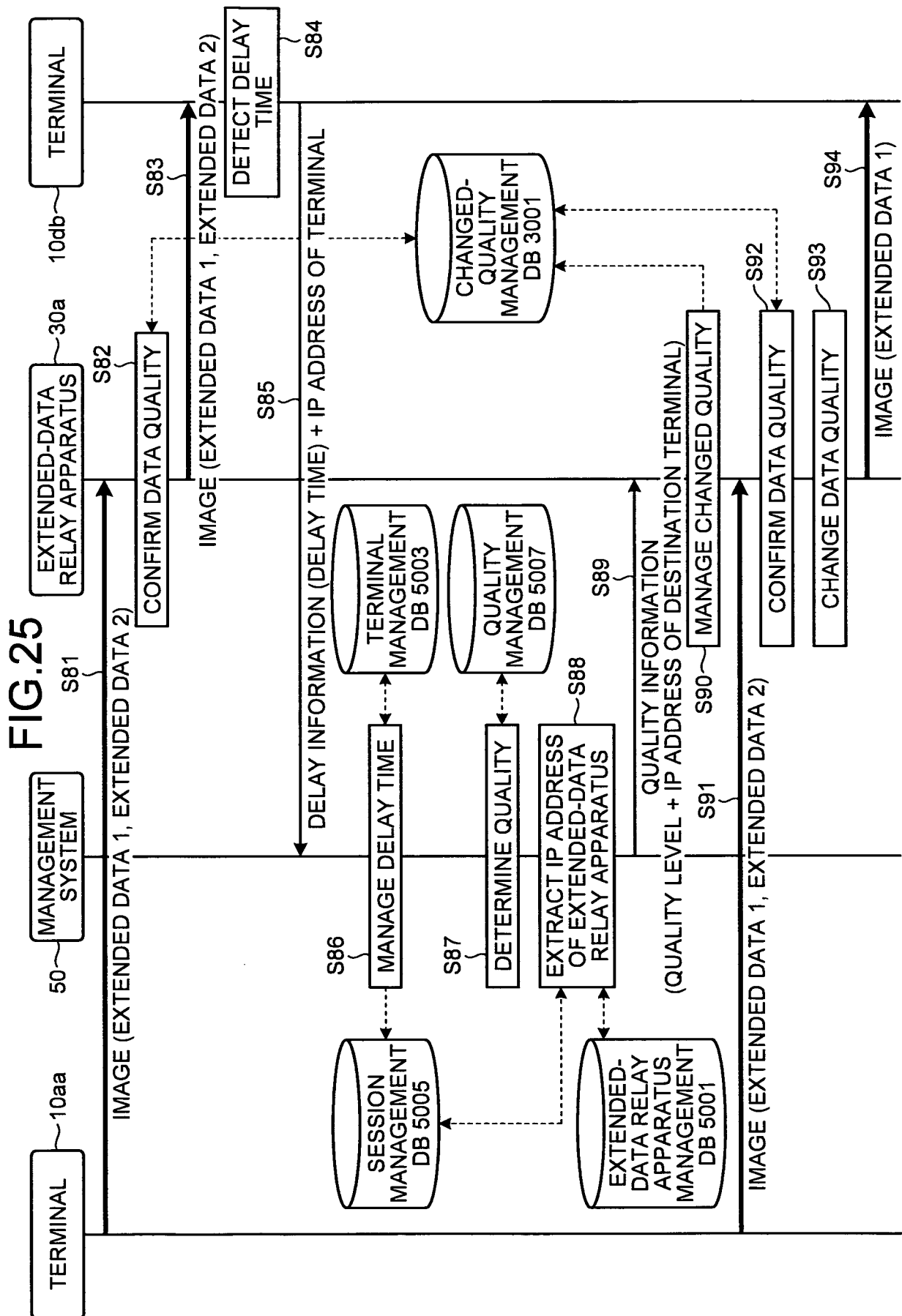


FIG.27

