

FIG.1

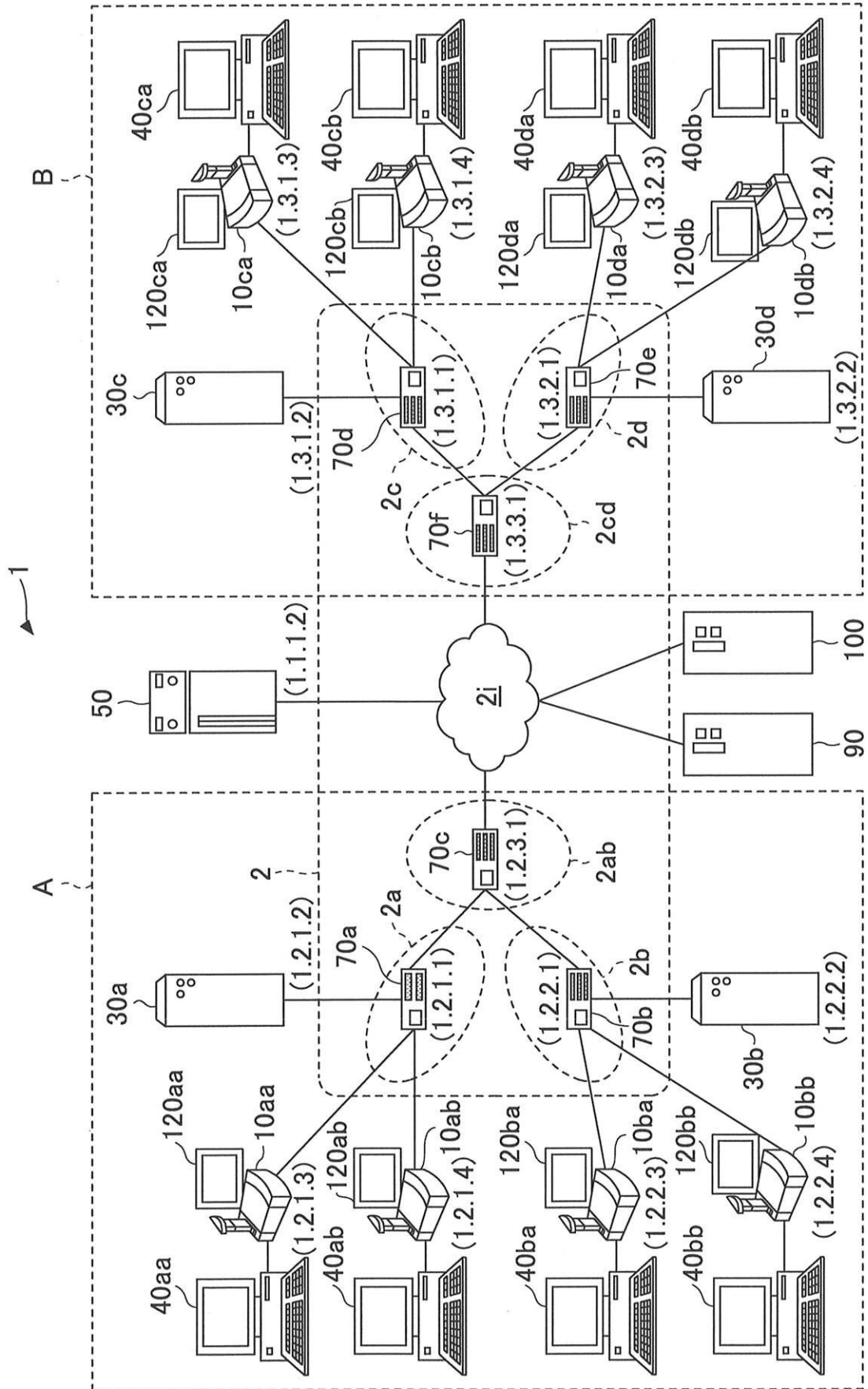


FIG. 2

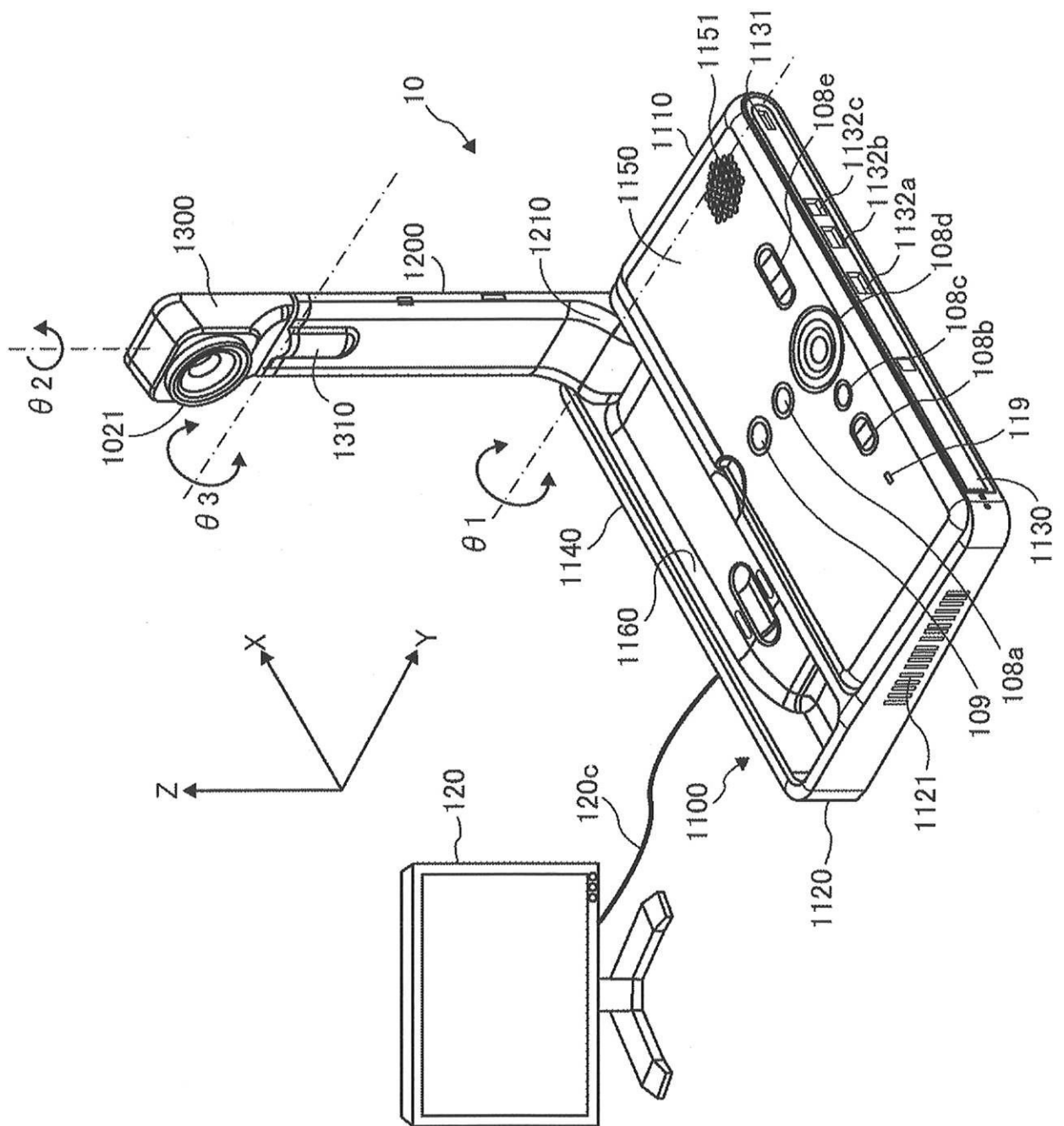


FIG. 3

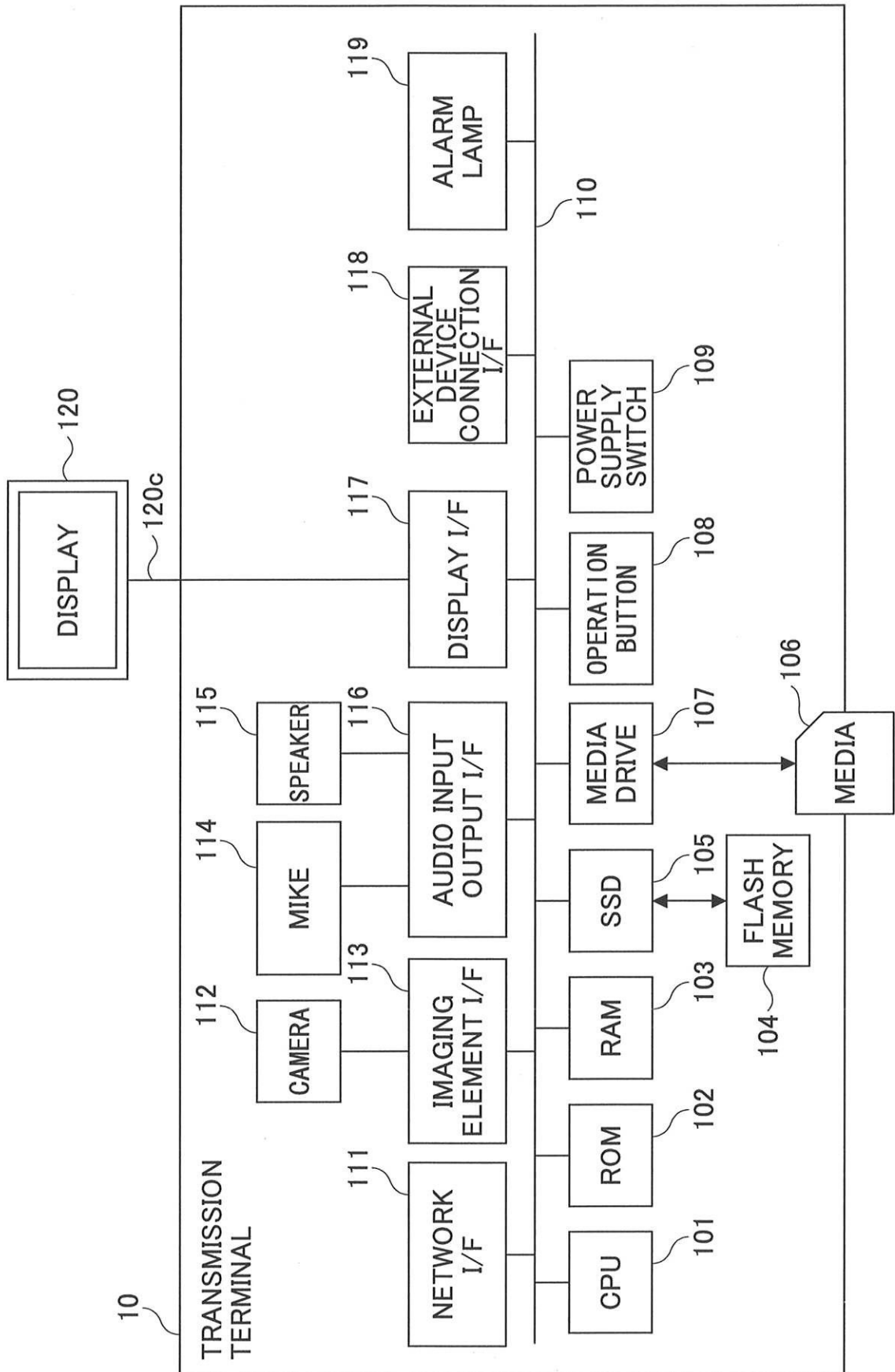


FIG.4

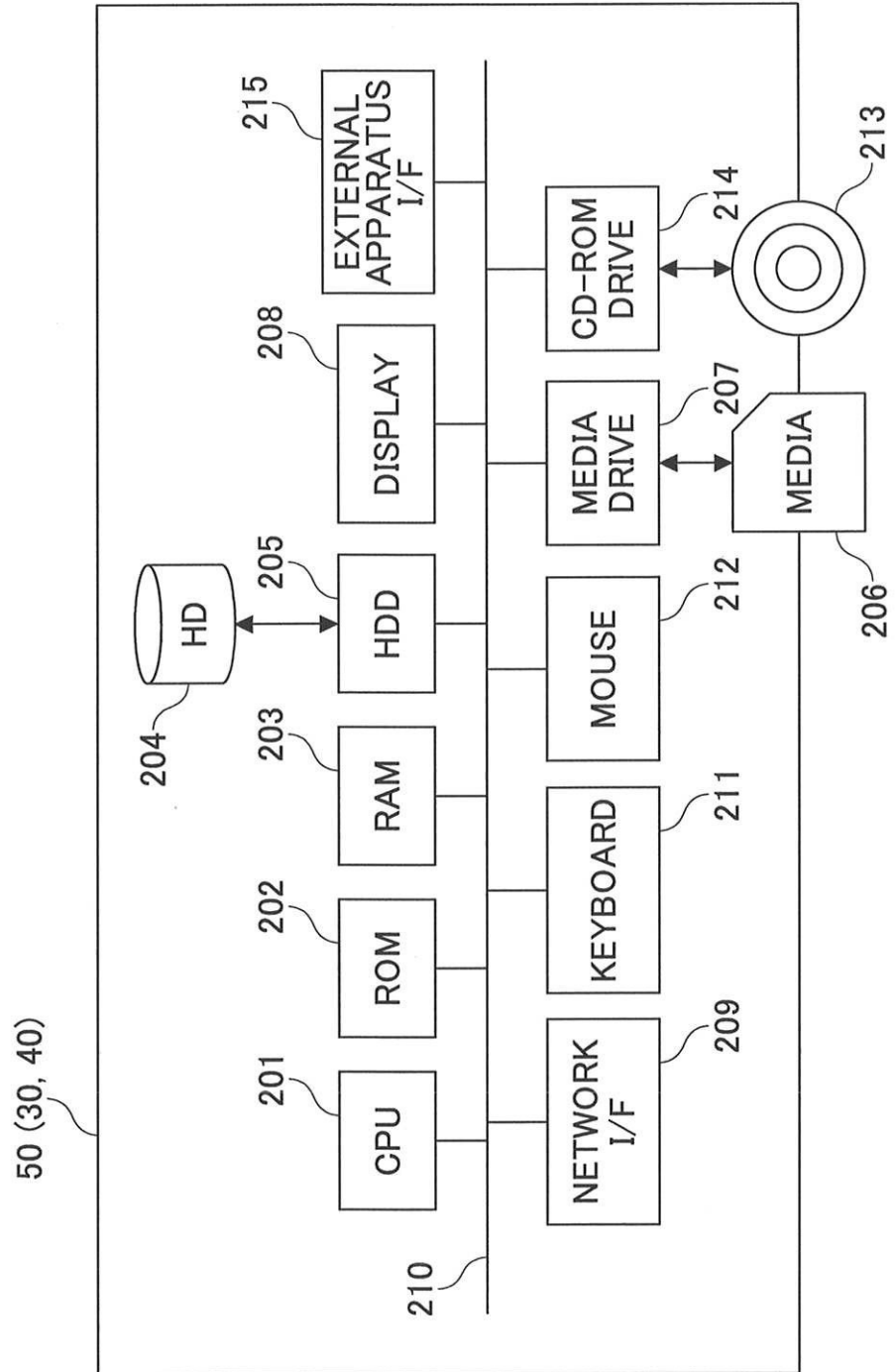


FIG.5A

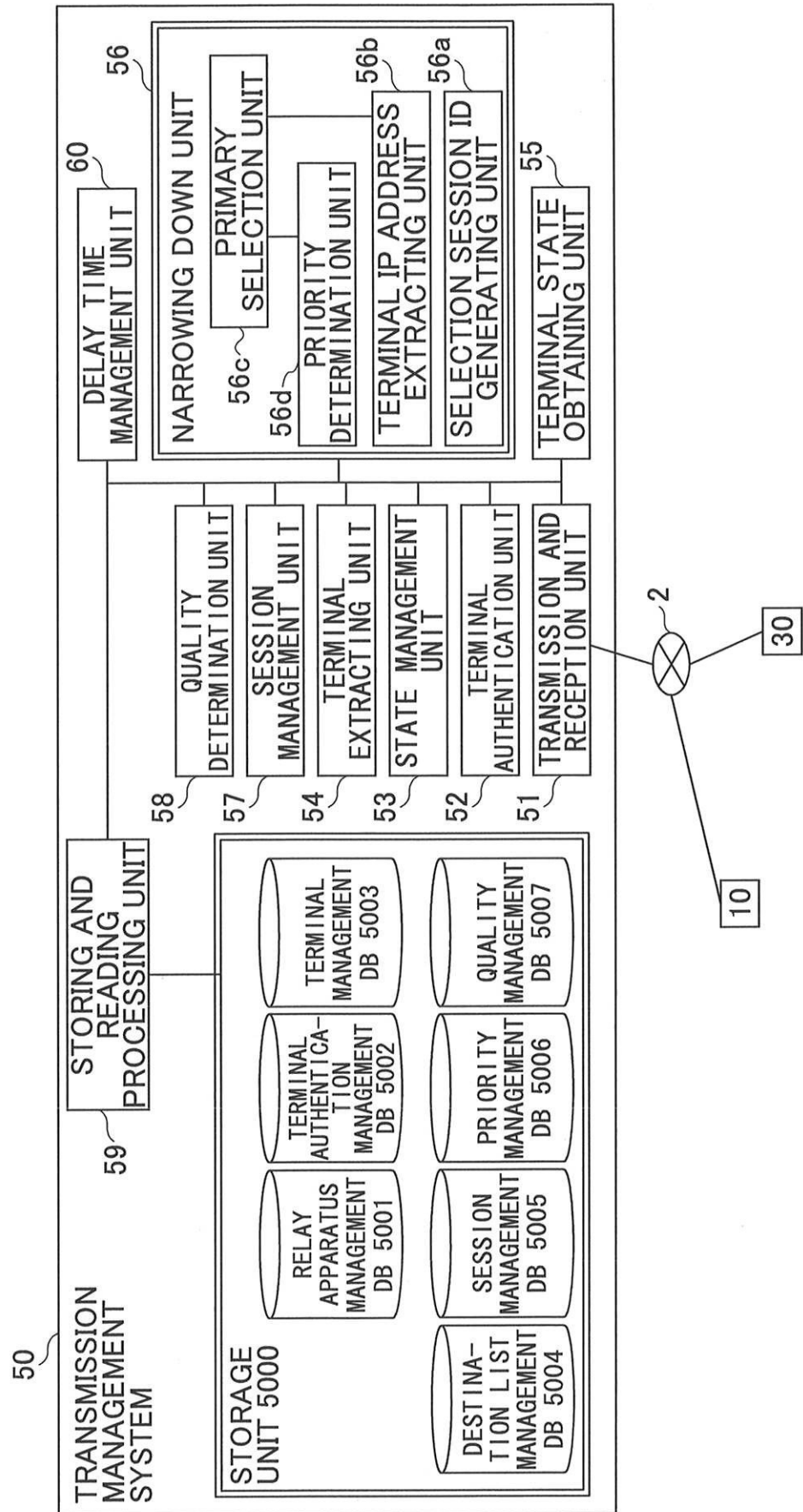
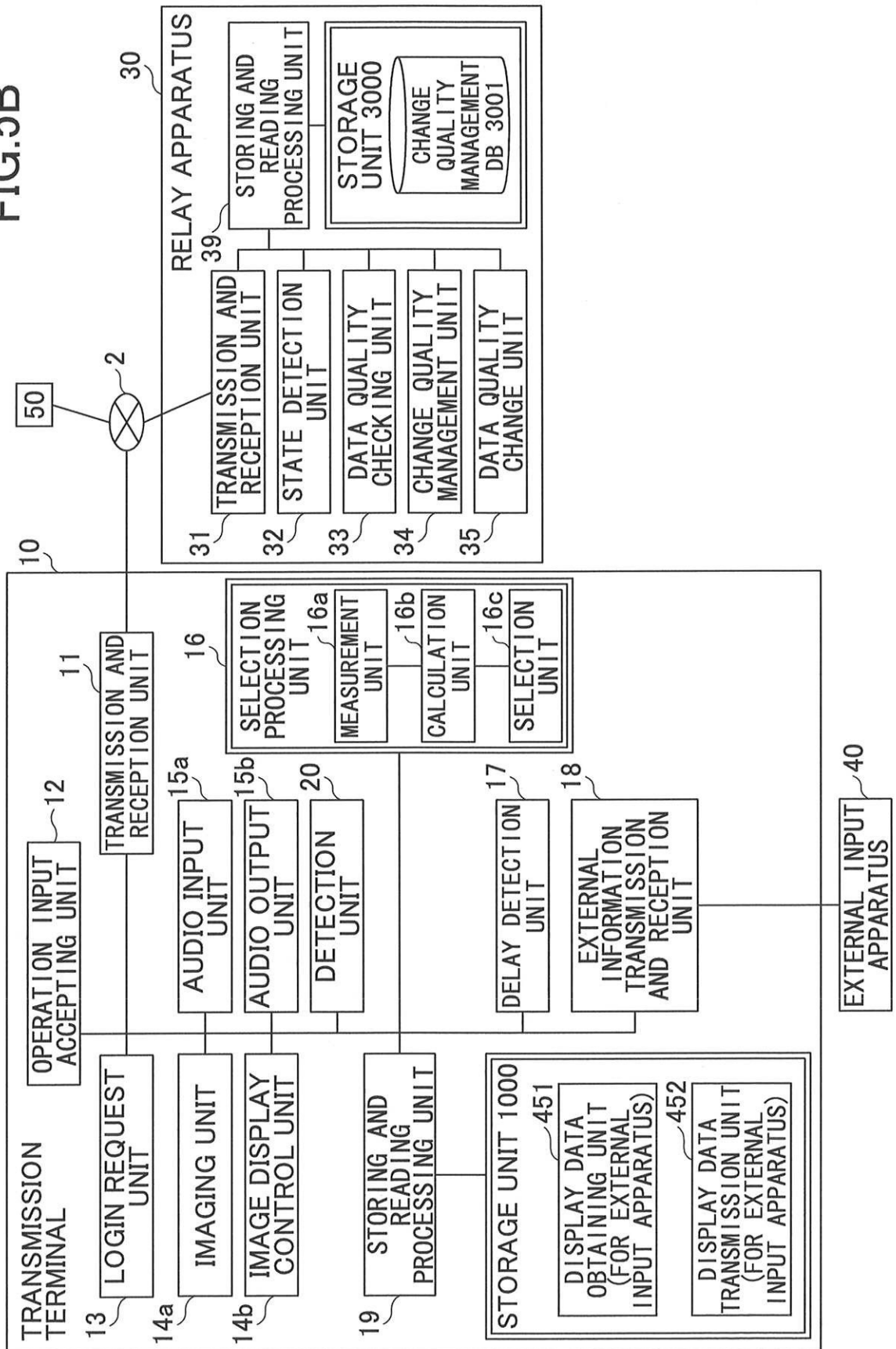


FIG.5B



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FIG.6A

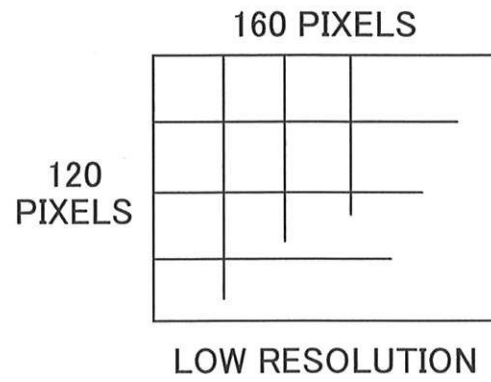


FIG.6B

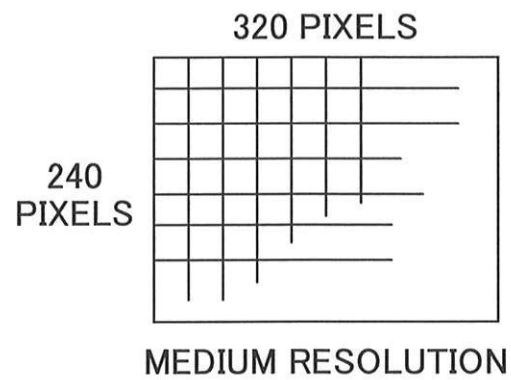


FIG.6C

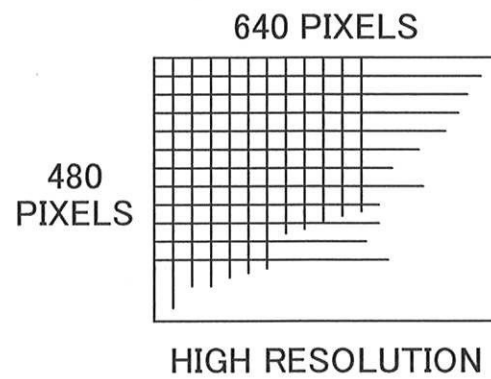


FIG.7

CHANGE QUALITY MANAGEMENT TABLE

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

FIG.8

RELAY APPARATUS MANAGEMENT TABLE

RELAY APPARATUS ID	OPERATIONAL STATE	RECEPTION DATE AND TIME	IP ADDRESS OF RELAY 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.9**TERMINAL AUTHENTICATION
MANAGEMENT TABLE**

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

FIG.10**TERMINAL MANAGEMENT TABLE**

TERMINAL ID	OPERATIONAL 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.11

DESTINATION LIST MANAGEMENT TABLE

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

FIG.12

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
...	...	...	...	...	...

FIG.13**ADDRESS PRIORITY MANAGEMENT TABLE**

SAME-OR-DIFFERENT DOT-ADDRESS PATTERN	ADDRESS PRIORITY
SAME.SAME.SAME.DIFFERENT	5
SAME.SAME.DIFFERENT.-	3
SAME.DIFFERENT.-.-	1
DIFFERENT.-.-.-	0

FIG.14**TRANSMISSION SPEED PRIORITY MANAGEMENT TABLE**

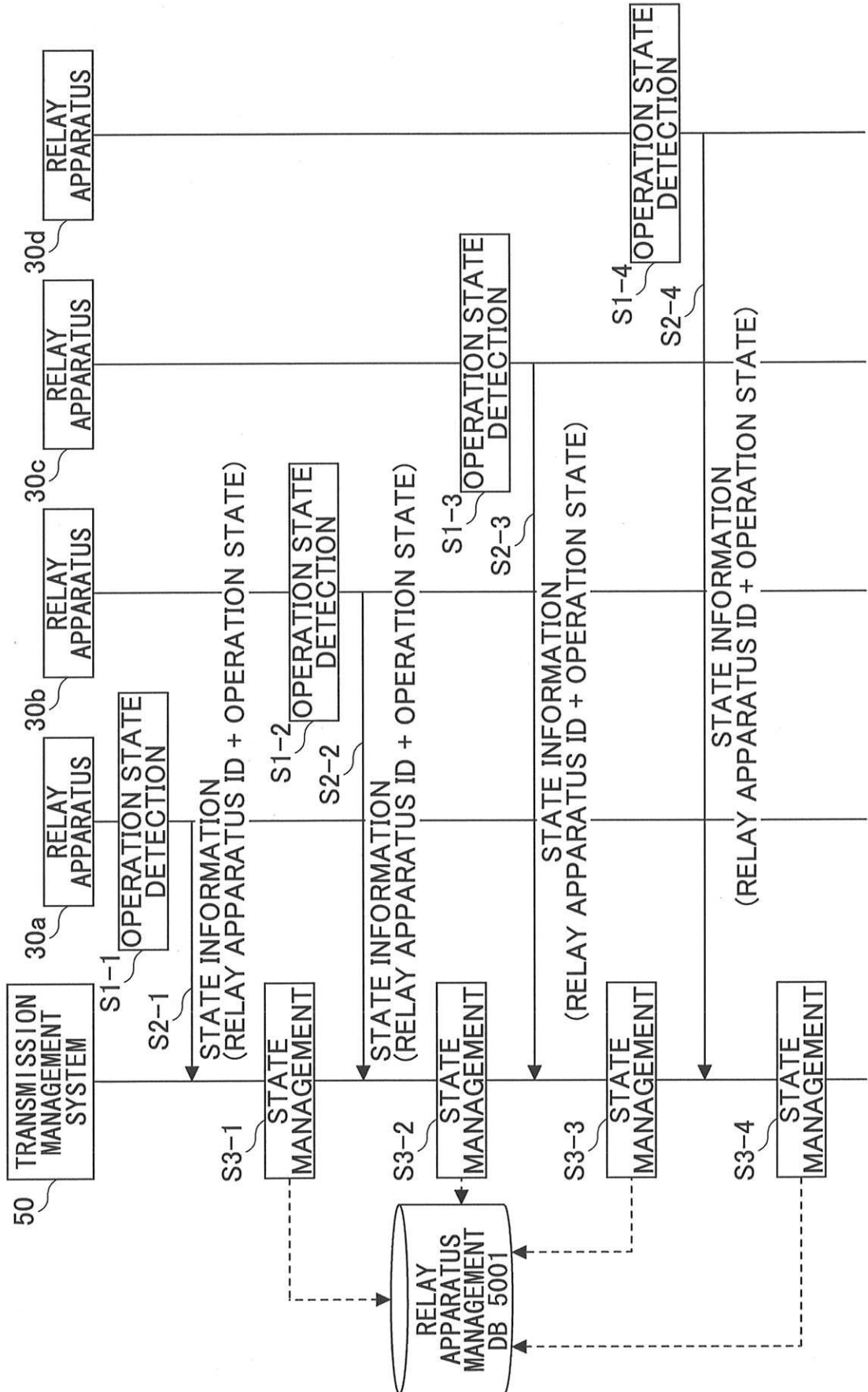
MAXIMUM DATA TRANSMISSION SPEED IN RELAY APPARATUS (Mbps)	TRANSMISSION SPEED PRIORITY
1000 ~	5
100 ~ 1000	3
10 ~ 100	1
~ 10	0

FIG.15

QUALITY MANAGEMENT TABLE

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

FIG.16



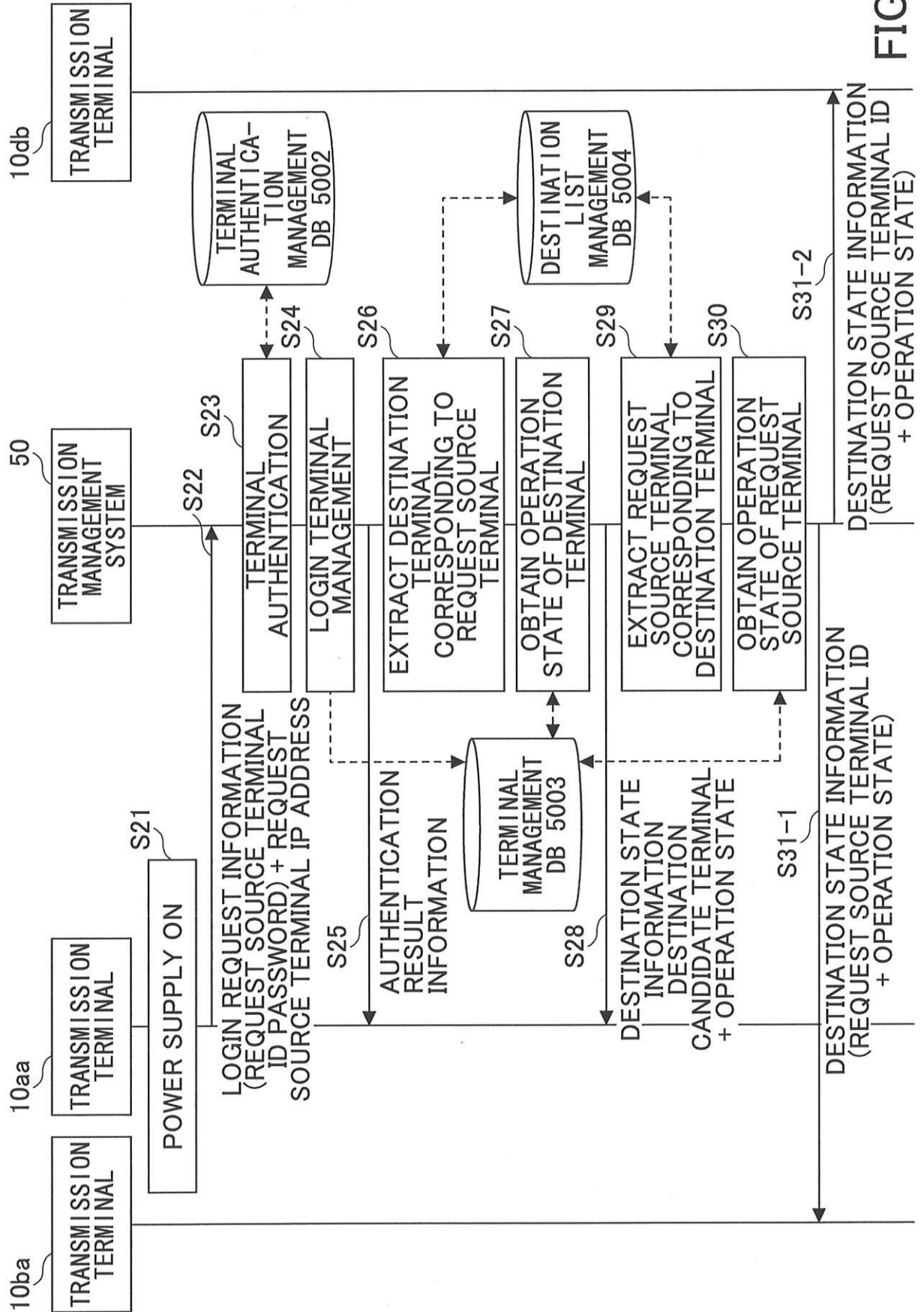


FIG.17

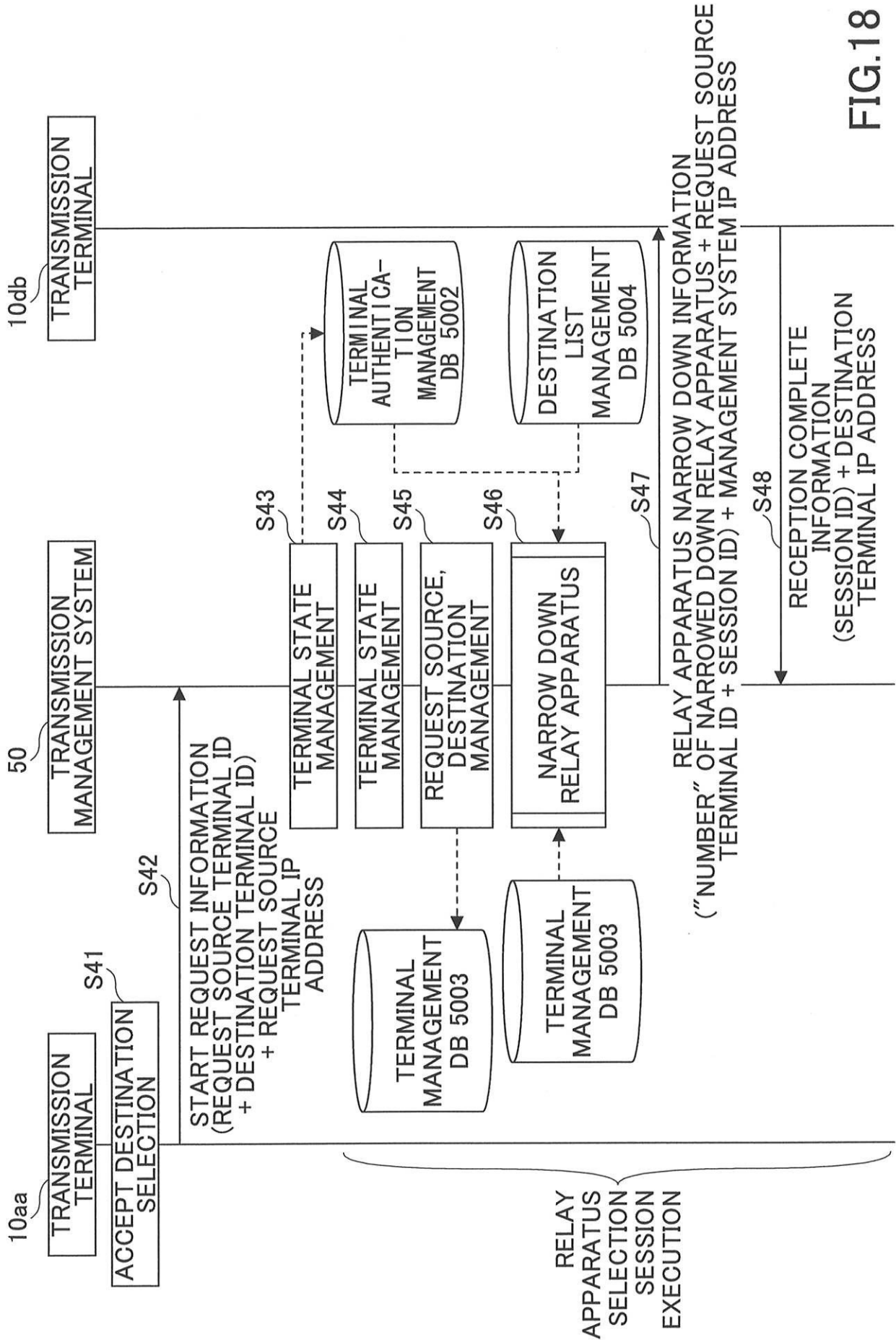


FIG.18

FIG.19

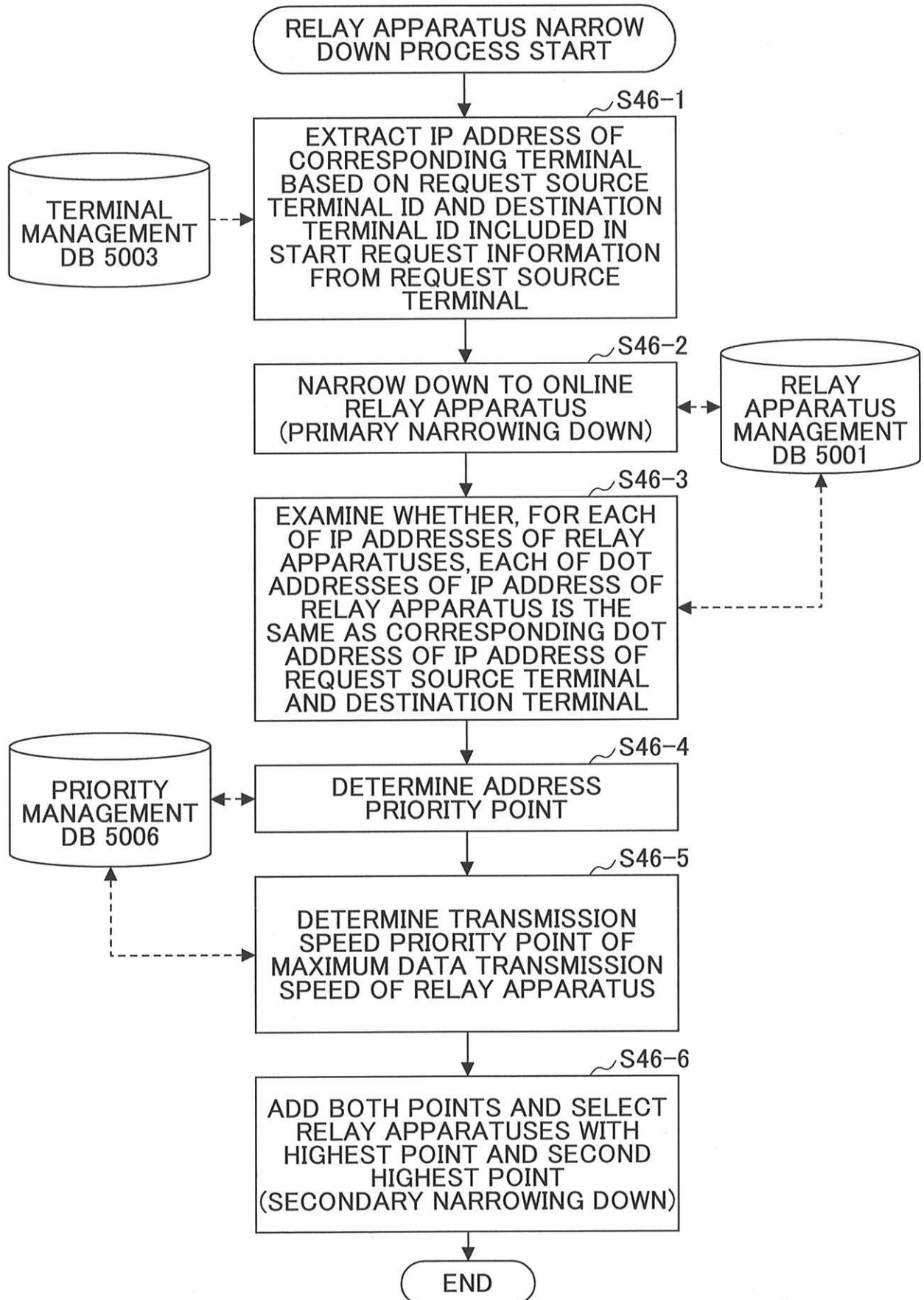
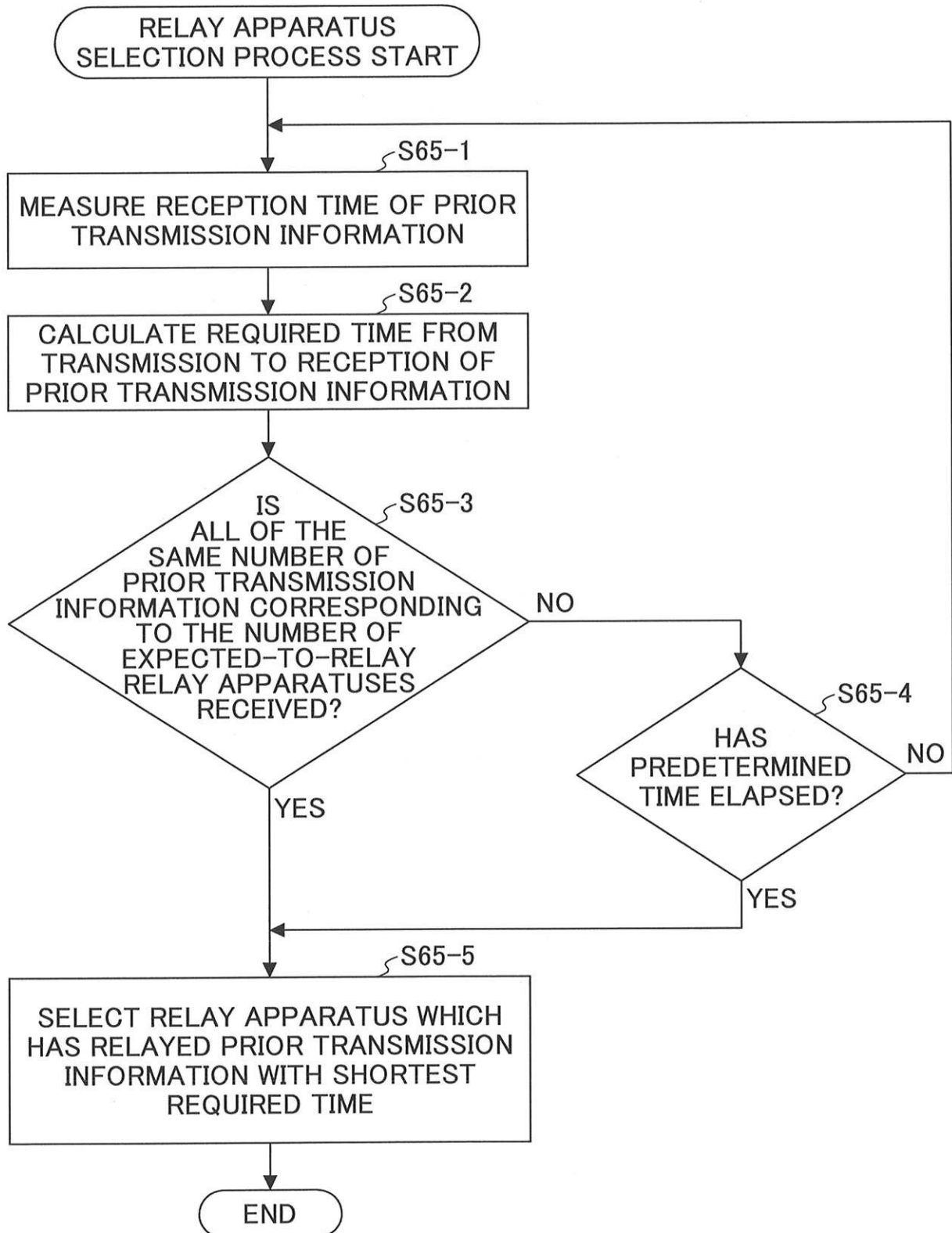


FIG.20

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



FIG.22



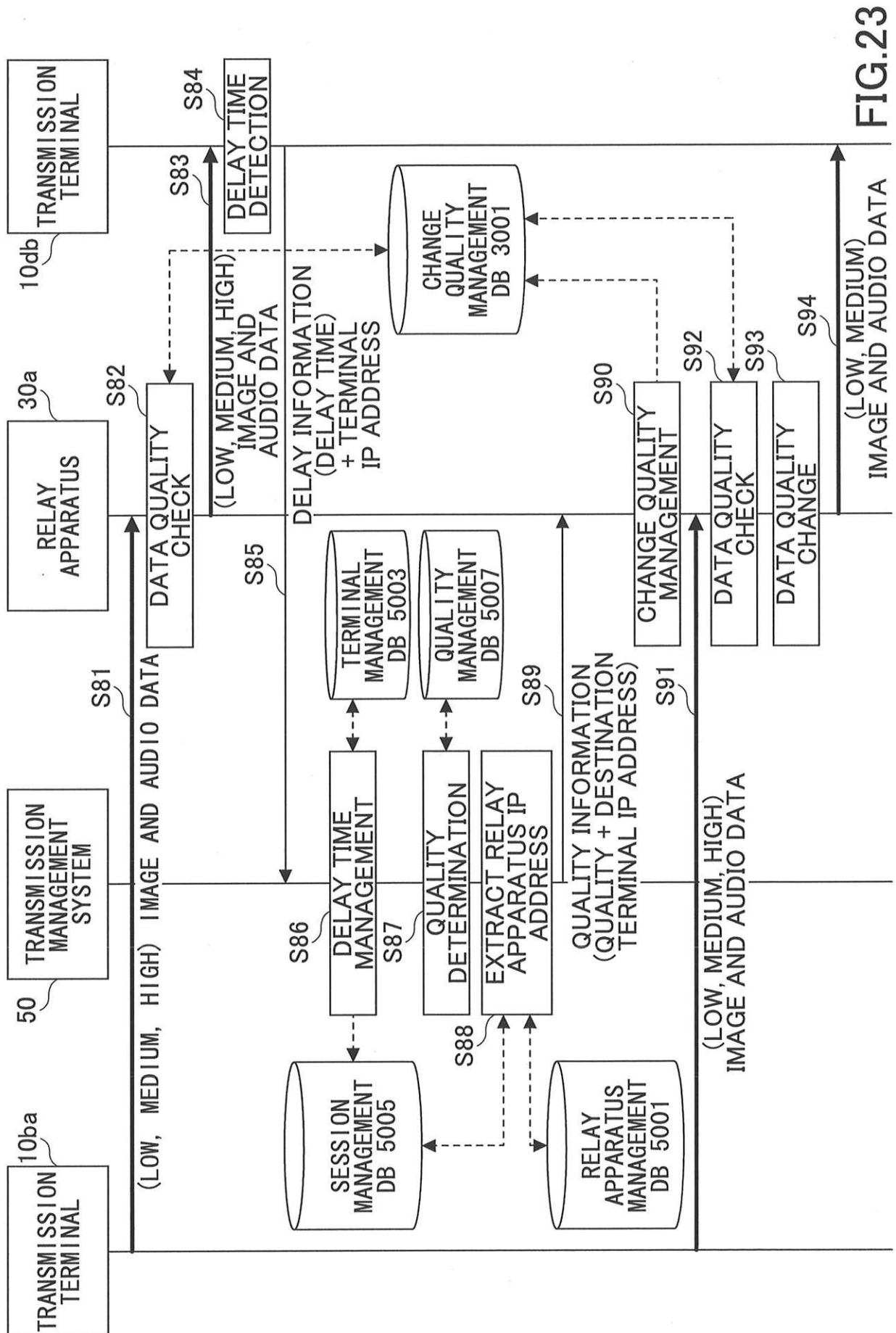


FIG. 23

FIG.24

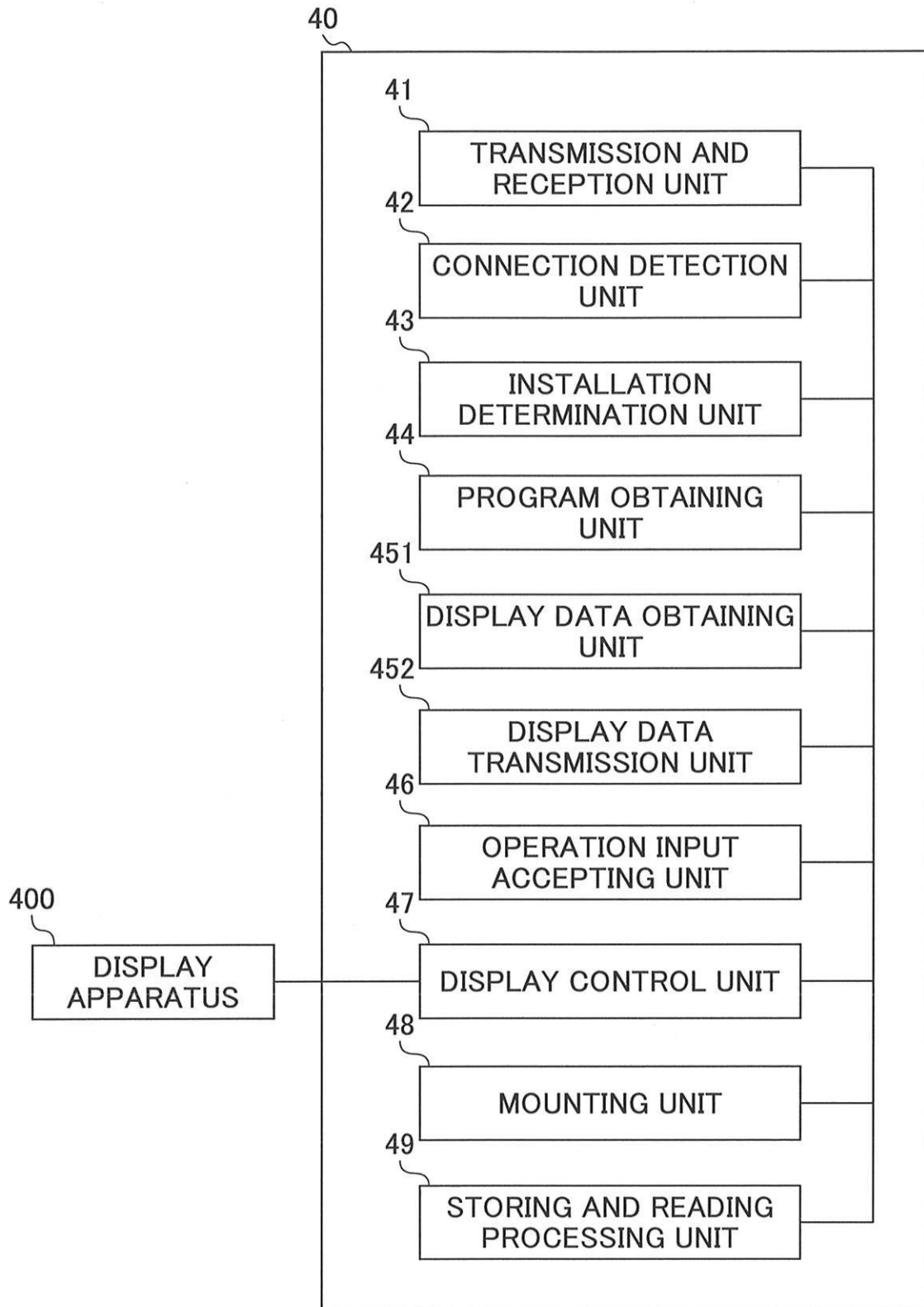


FIG.26

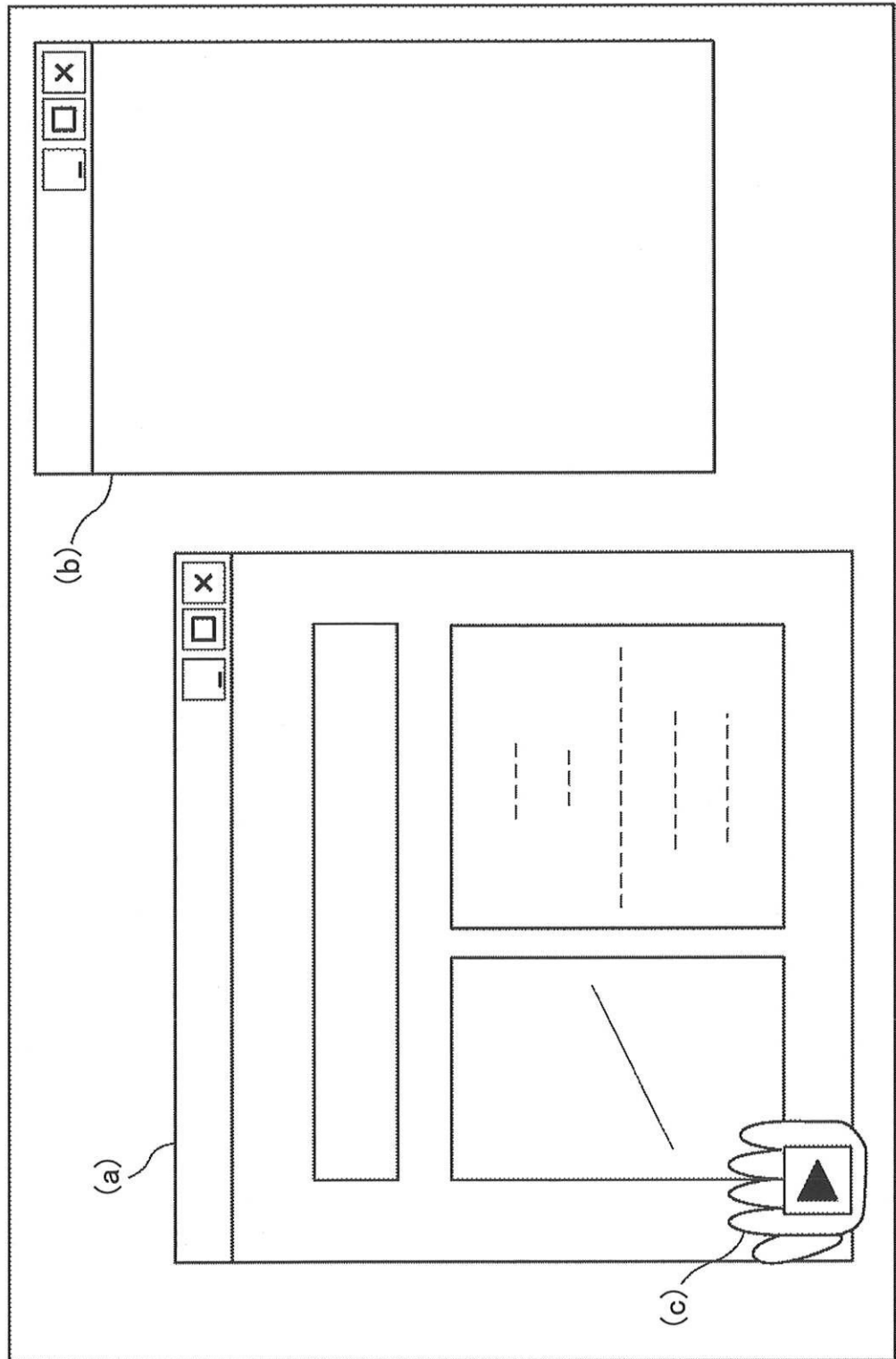


FIG.27

IMAGE ACCORDING TO IMAGE TAKEN
BY IMAGING UNIT

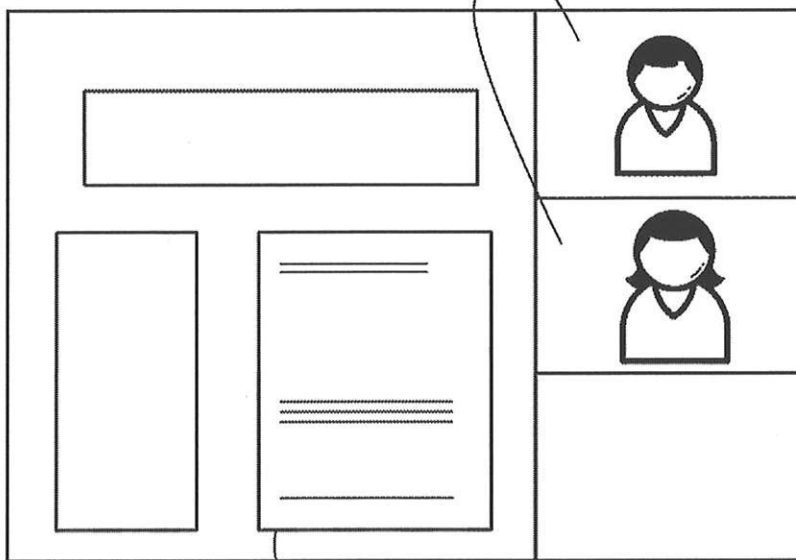


IMAGE DISPLAYED
BY EXTERNAL INPUT APPARATUS

FIG.28

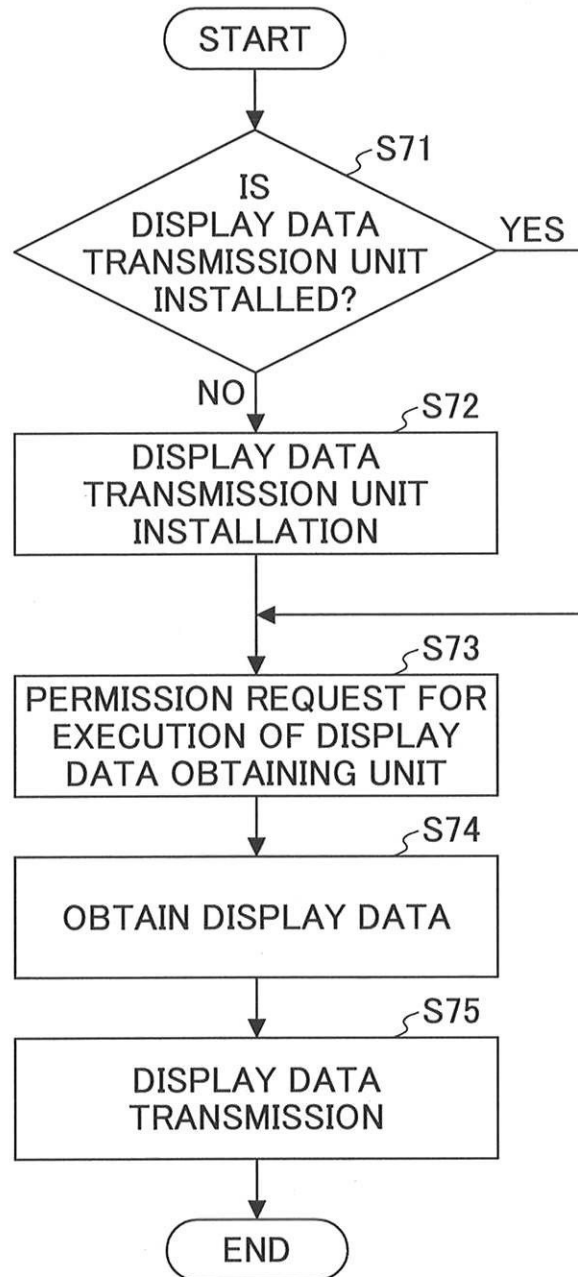


FIG.29

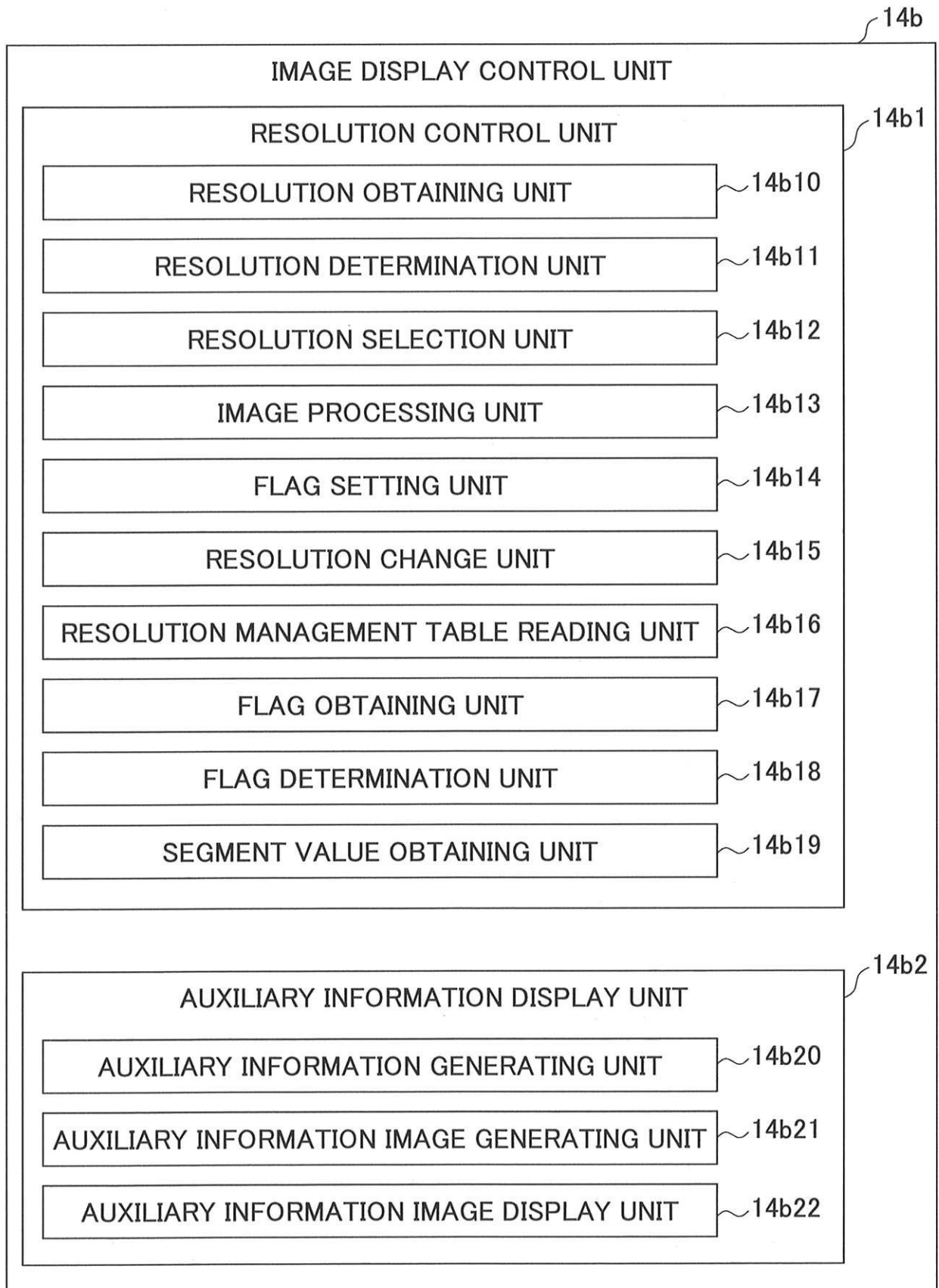


FIG.30

CURRENT DISPLAY RESOLUTION :	width:1280 height:720(16:9 RATIO)
DISPLAYABLE RESOLUTION :	width: 640 height:480(4:3 RATIO) width: 800 height:600(4:3 RATIO) width:1024 height:768(4:3 RATIO) width:1152 height:864(4:3 RATIO) width:1280 height:720(16:9 RATIO) width:1280 height:768(5:3 RATIO) width:1280 height:800(8:5 RATIO)
FLAG overlap :	false
SEGMENT POSITION :	-
AUXILIARY INFORMATION DISPLAY POSITION :	-
DISPLAY CONTENT :	-
	:
	:

FIG.31A

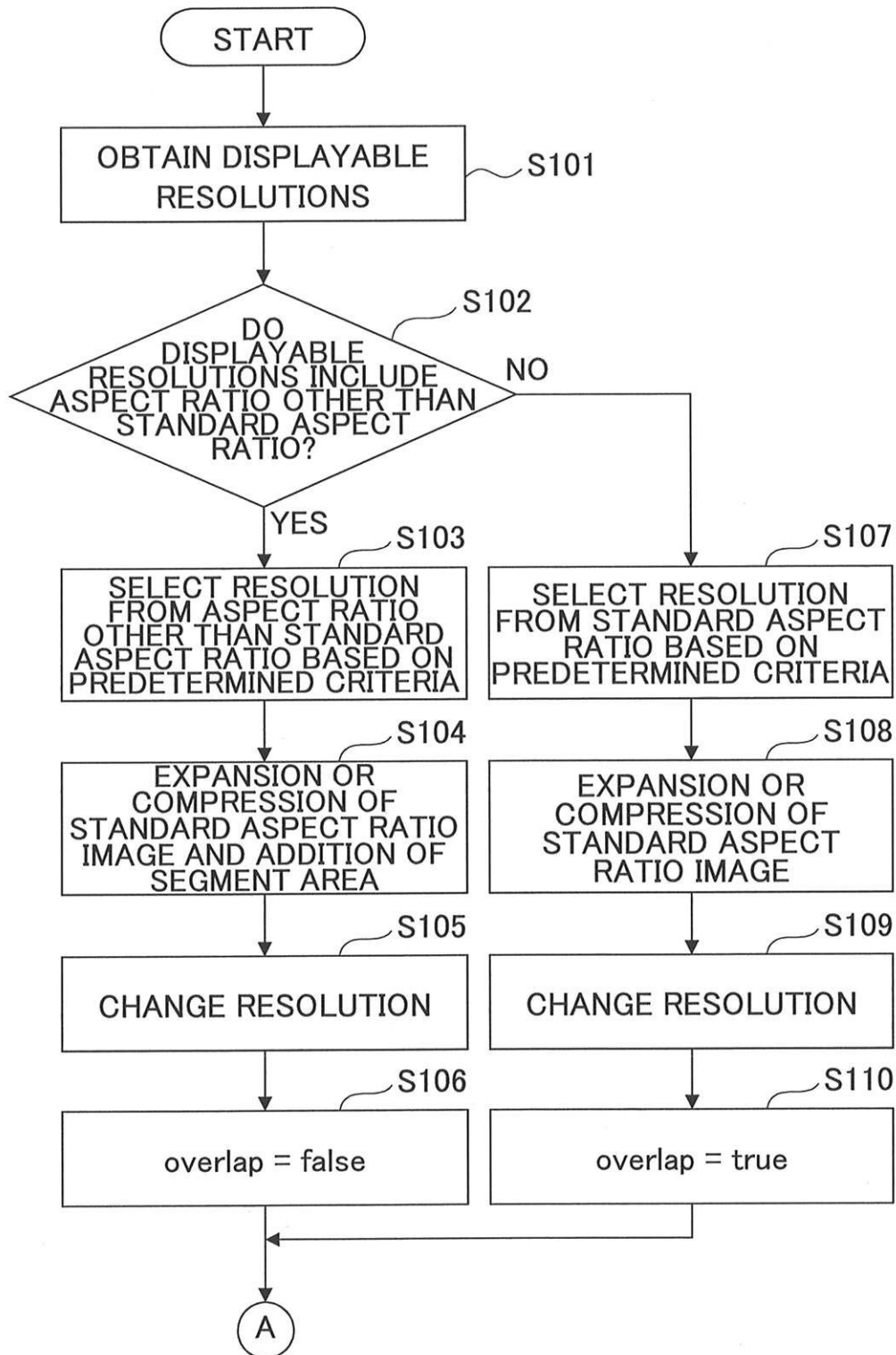


FIG.31B

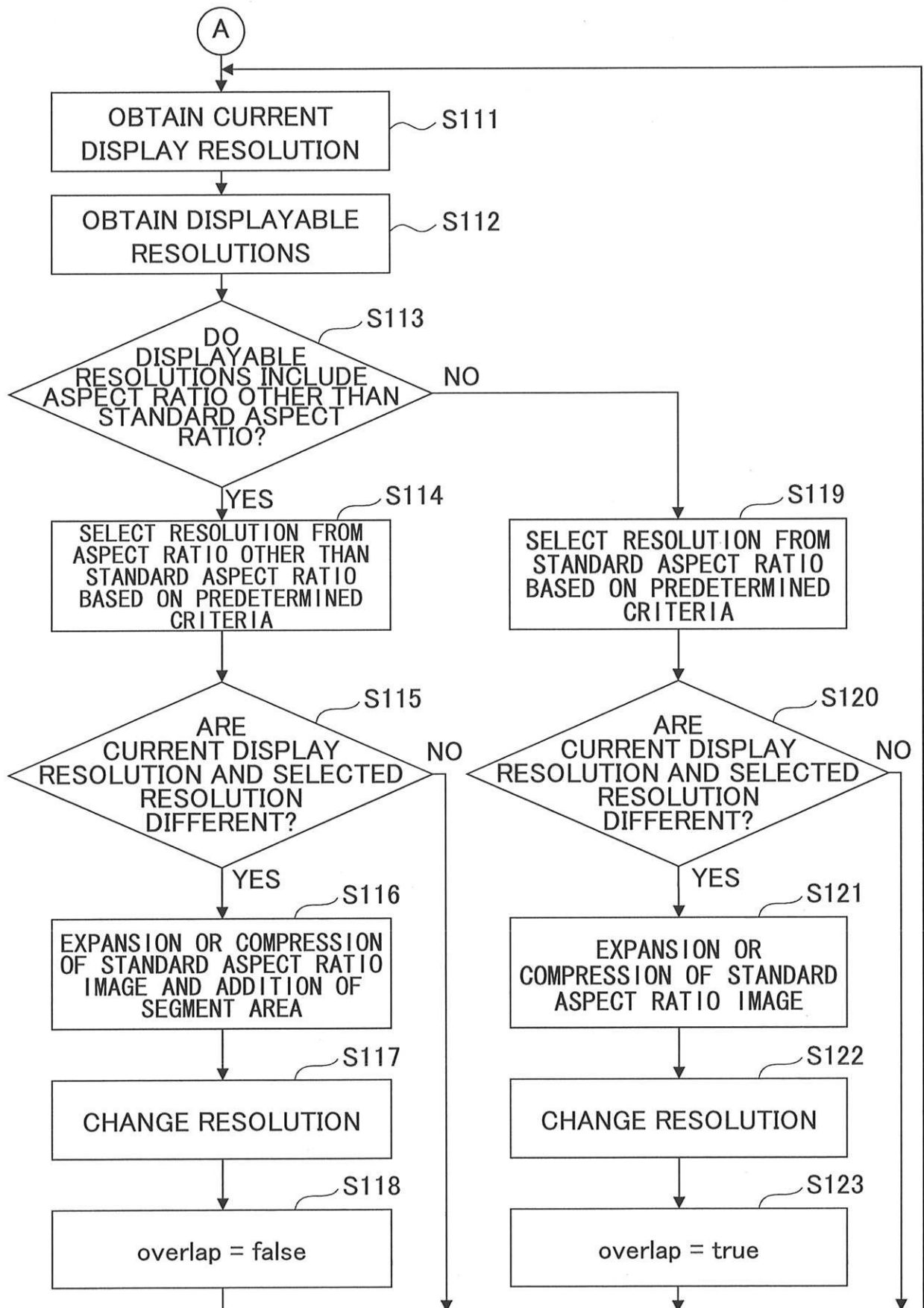


FIG.32A

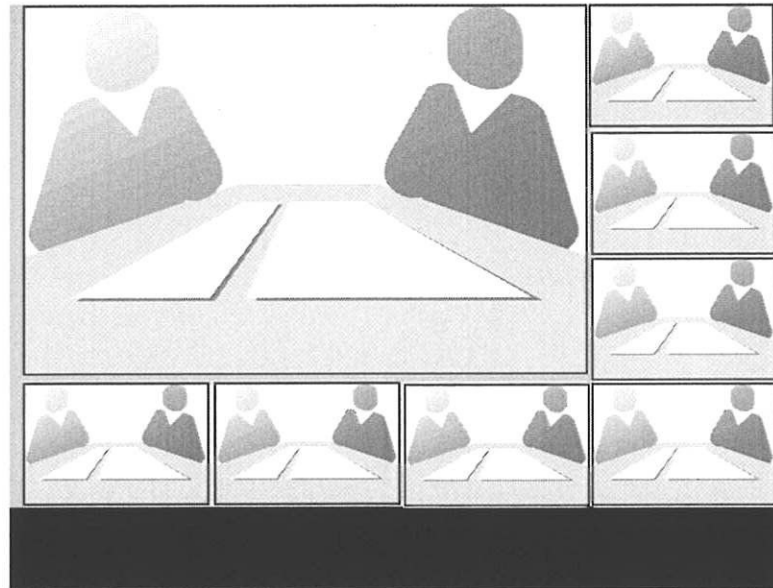


FIG.32B

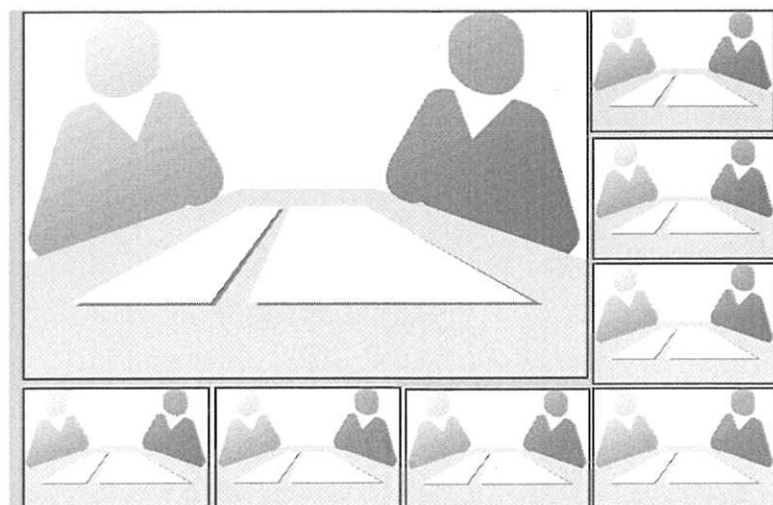


FIG.33

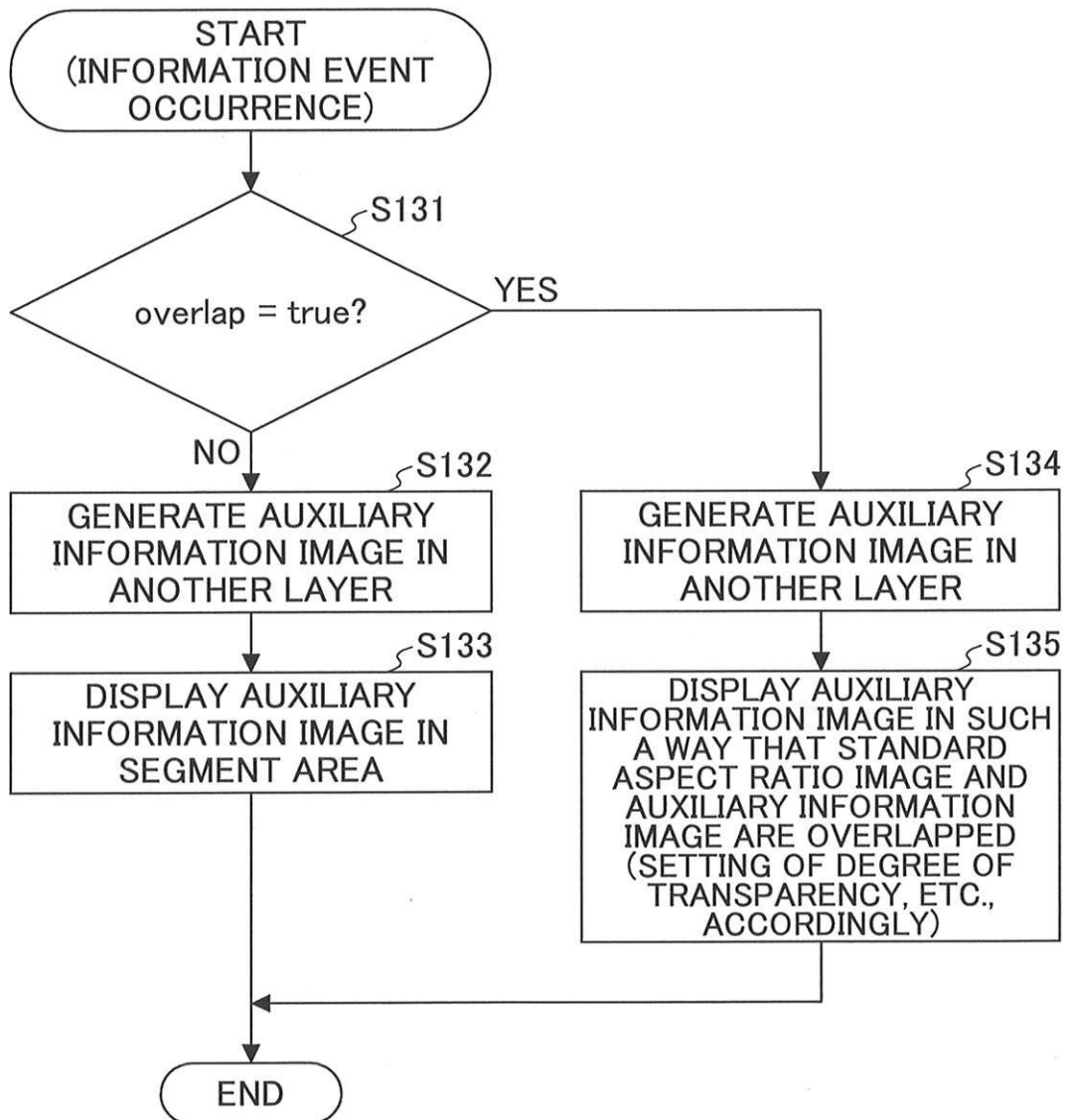


FIG.34A

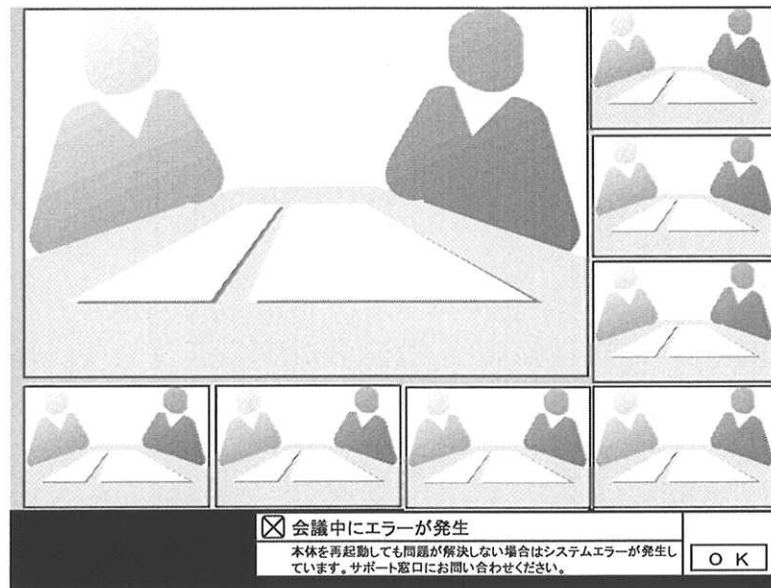


FIG.34B

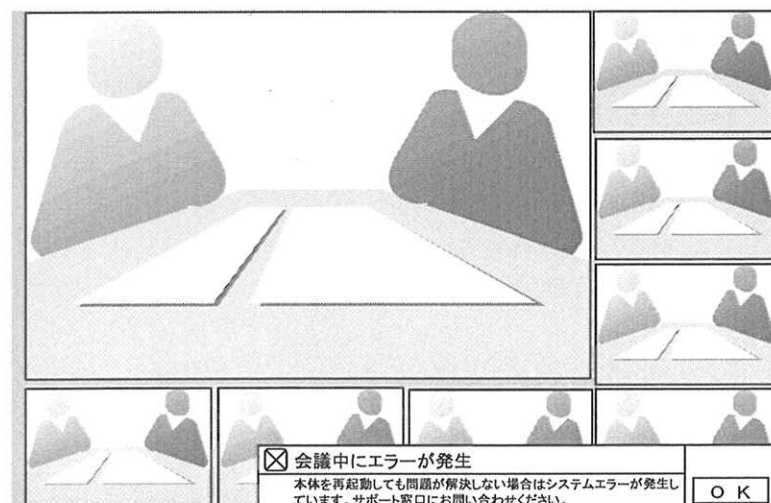


FIG.35A

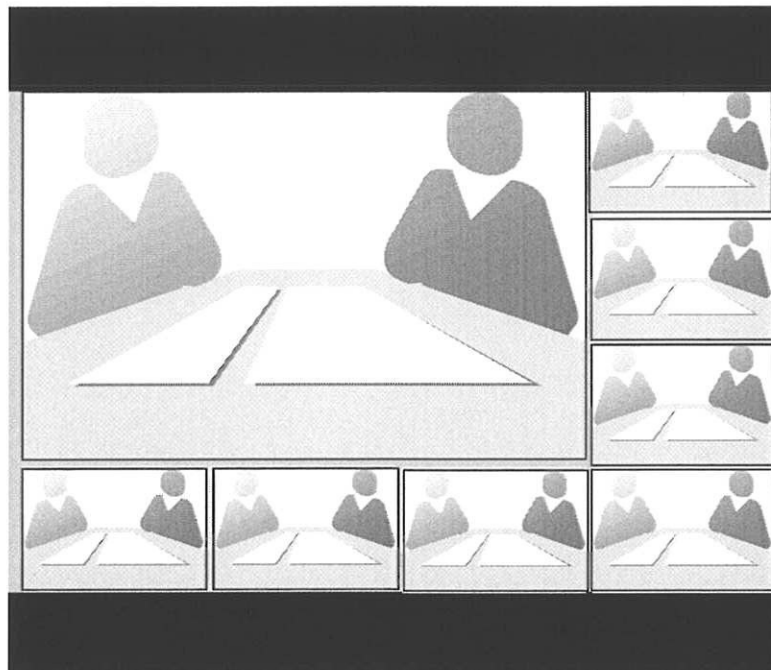


FIG.35B

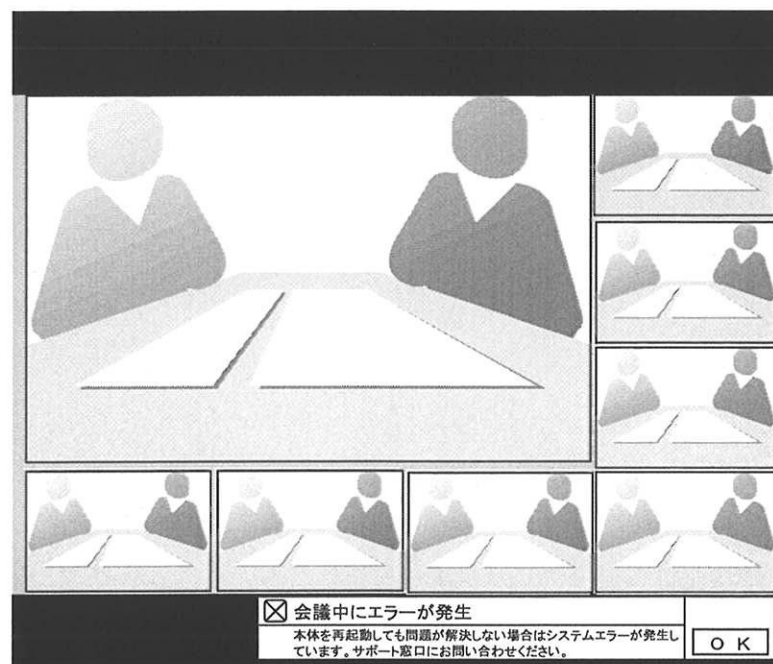


FIG.36

ITEM NAME	RESOLUTION	overlap	SEGMENT VALUE
resolution1	width:1280, height:800	false	width:1280, height:80, position:lower
resolution2	width:1280, height:720	true	NA
resolution3	width:1024, height:768	false	width:1024, height:96, position:both

FIG.37

ITEM NAME	RESOLUTION	overlap	SEGMENT VALUE
resolution1	width:1280, height:800	false	width:1280, height:80, position:lower
resolution2	width:1024, height:768	false	width:1024, height:96, position:both
resolution3	width:1280, height:720	true	NA

FIG.38A

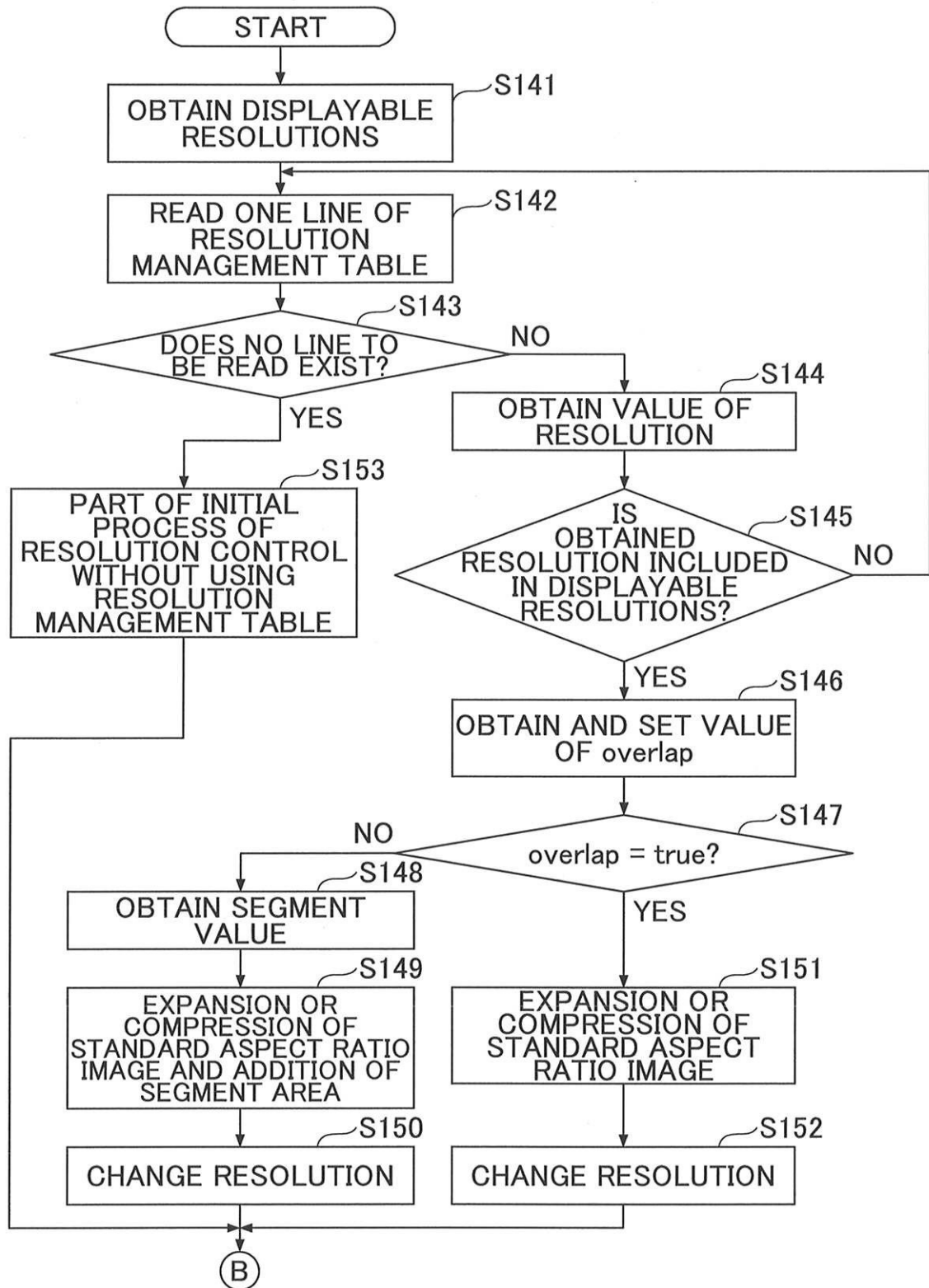


FIG.38B

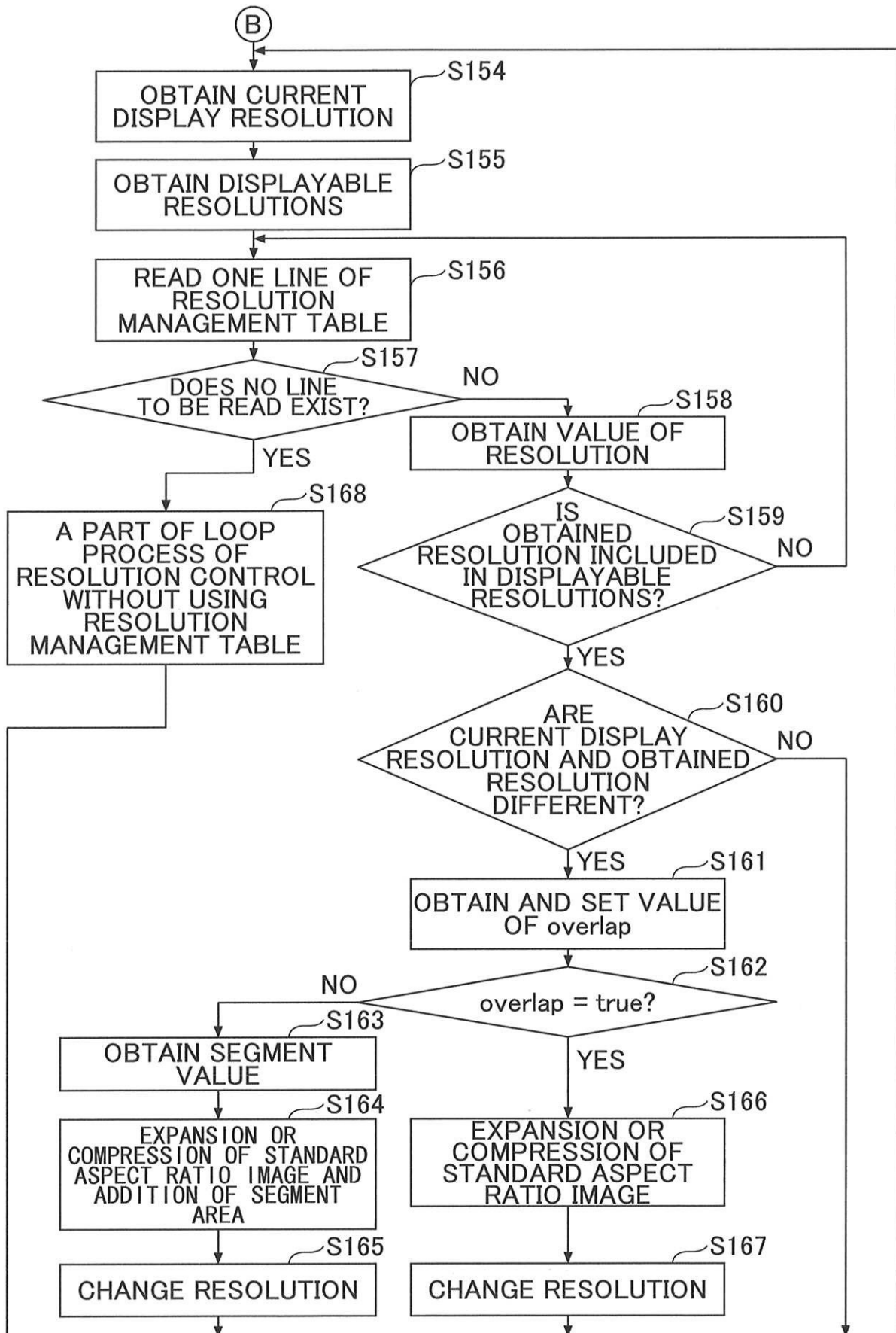


FIG.39

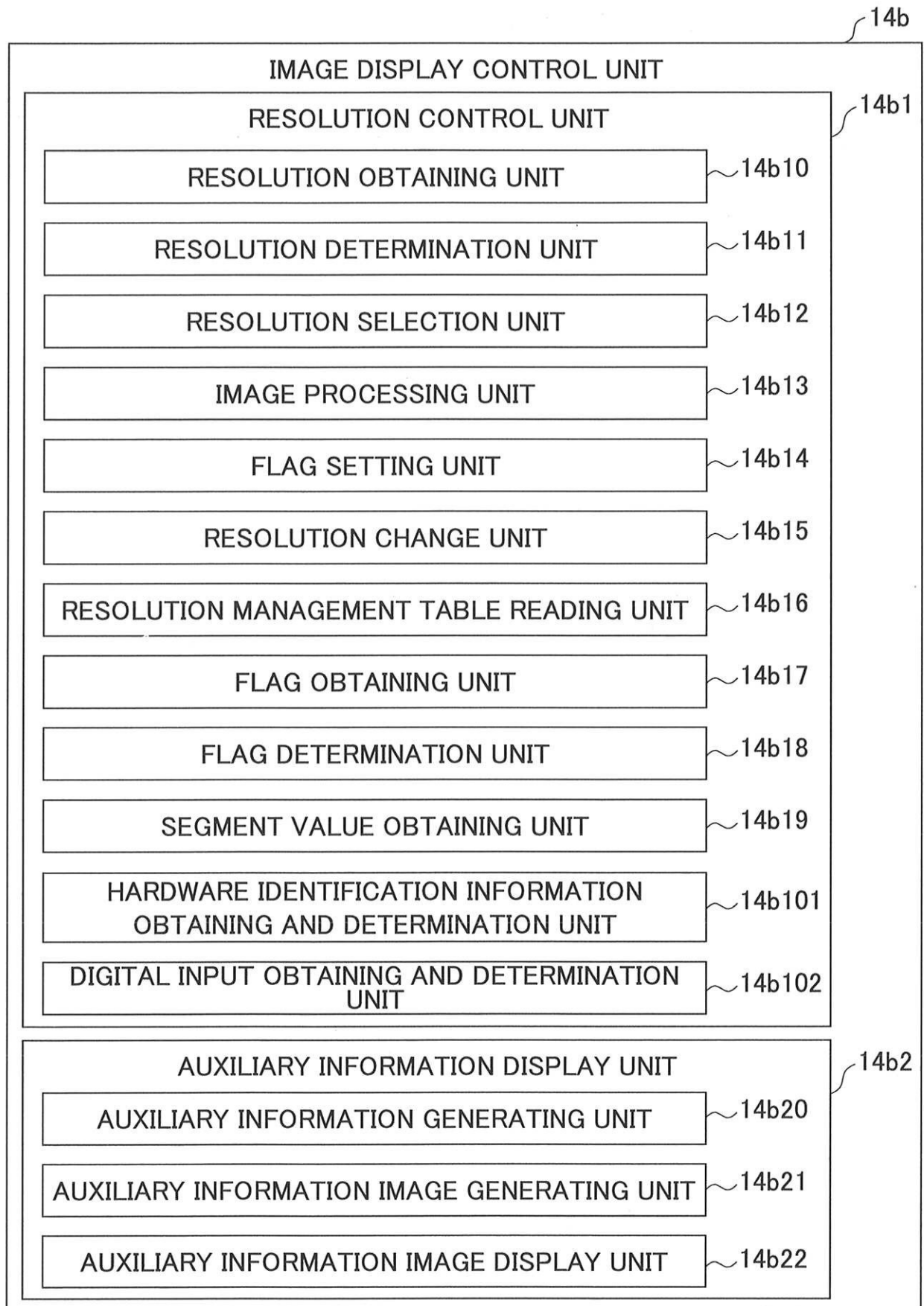


FIG.40

CURRENT DISPLAY RESOLUTION :	width:1280 height:720(16:9 RATIO)
DISPLAYABLE RESOLUTION :	width: 640 height:480(4:3 RATIO) width: 800 height:600(4:3 RATIO) width:1024 height:768(4:3 RATIO) width:1152 height:864(4:3 RATIO) width:1280 height:720(16:9 RATIO) width:1280 height:768(5:3 RATIO) width:1280 height:800(8:5 RATIO)
FLAG overlap :	false
SEGMENT POSITION :	-
AUXILIARY INFORMATION DISPLAY POSITION :	-
DISPLAY CONTENT :	-
DIGITAL INPUT digital :	true
RECOMMENDED RESOLUTION :	width:1280 height:720(16:9 RATIO)
HARDWARE IDENTIFICATION INFORMATION :	TV
	:
	:

FIG.41A

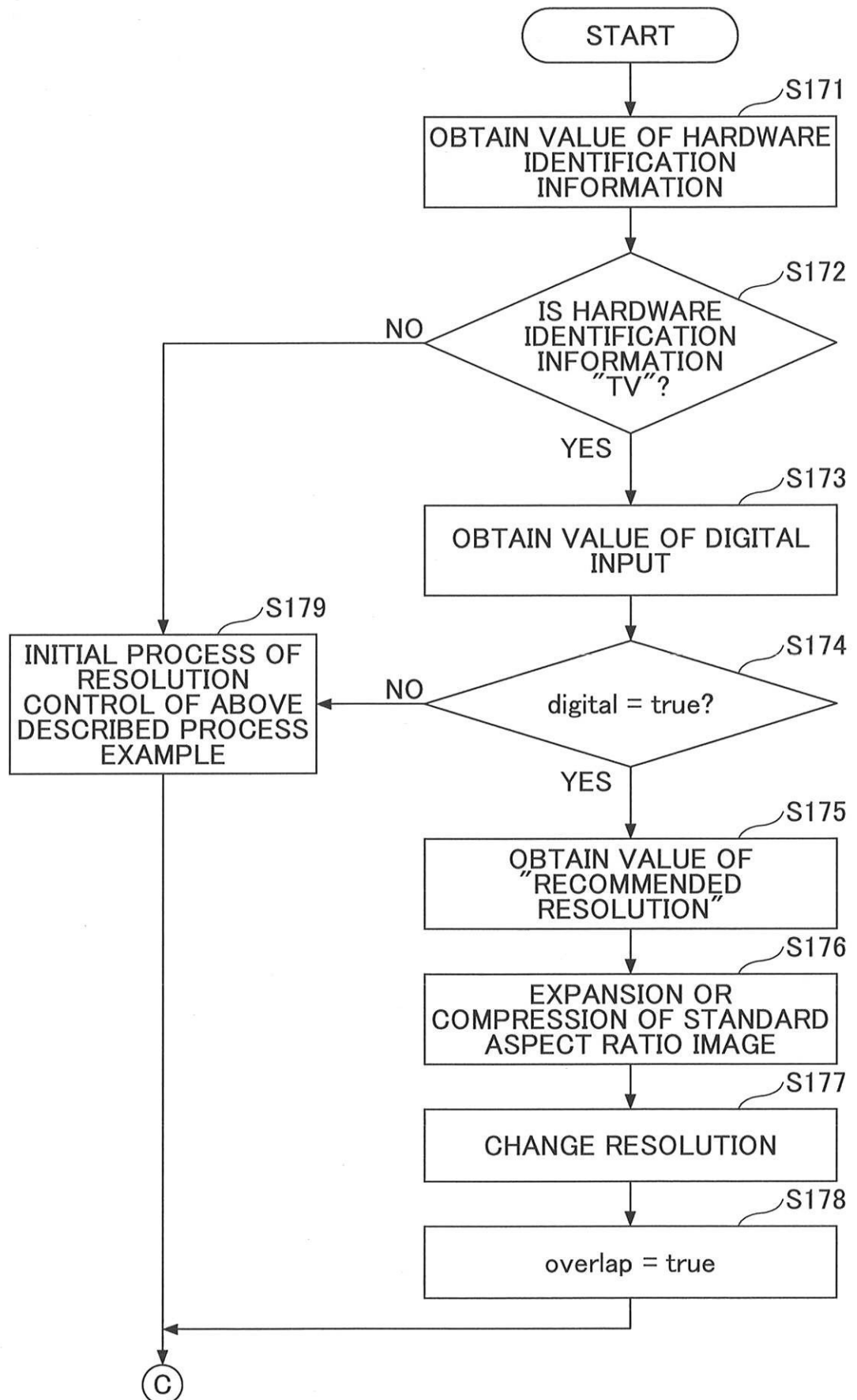


FIG.41B

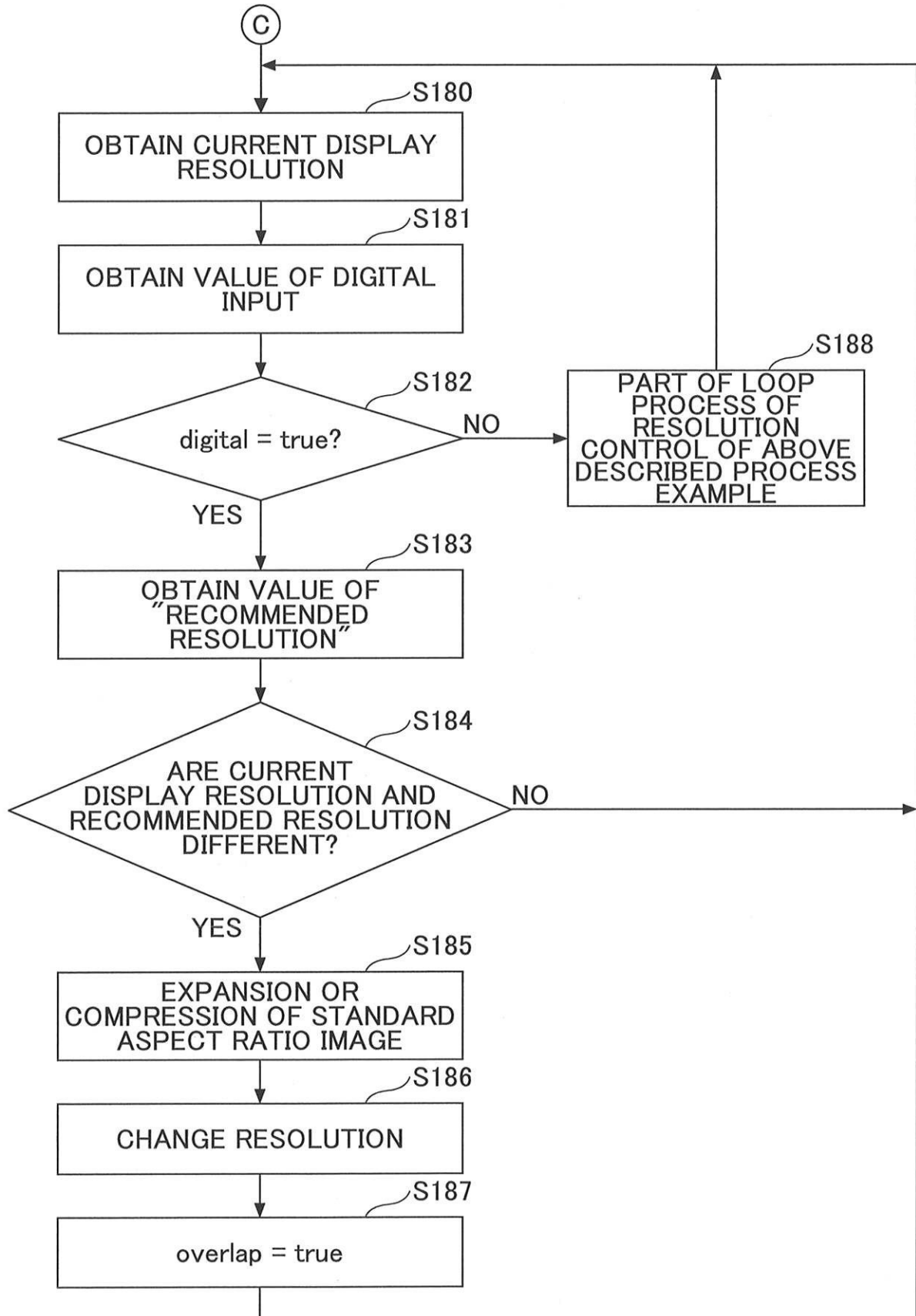


FIG.42A

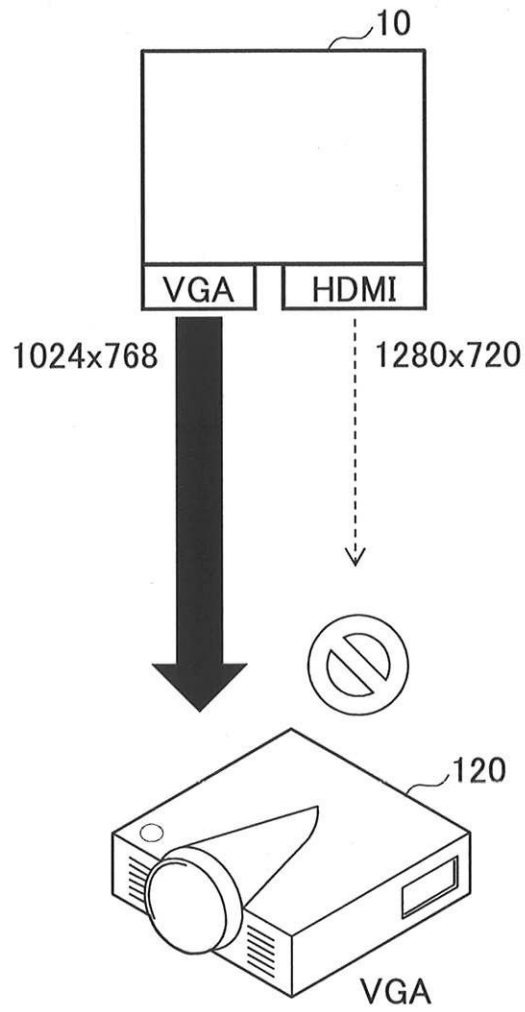


FIG.42B

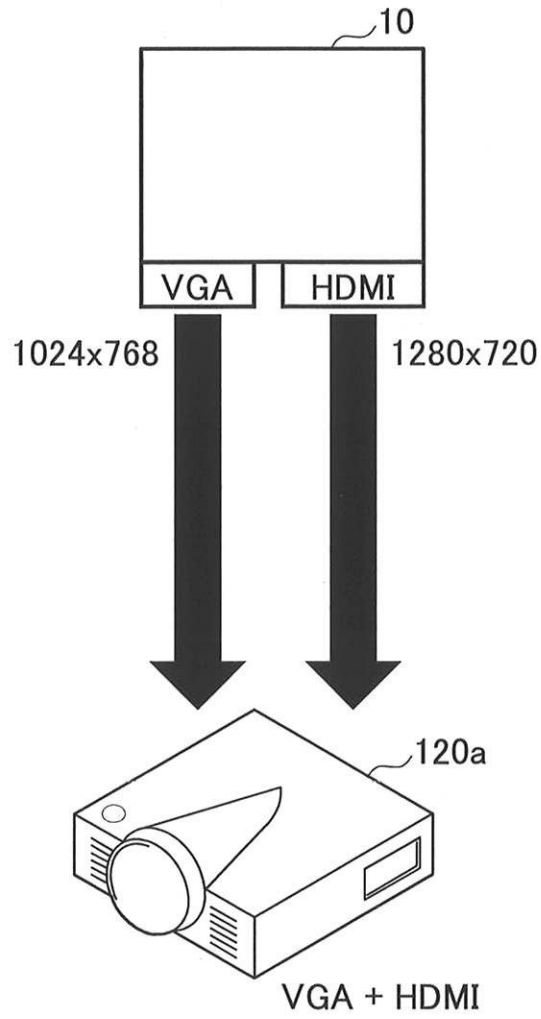


FIG.43

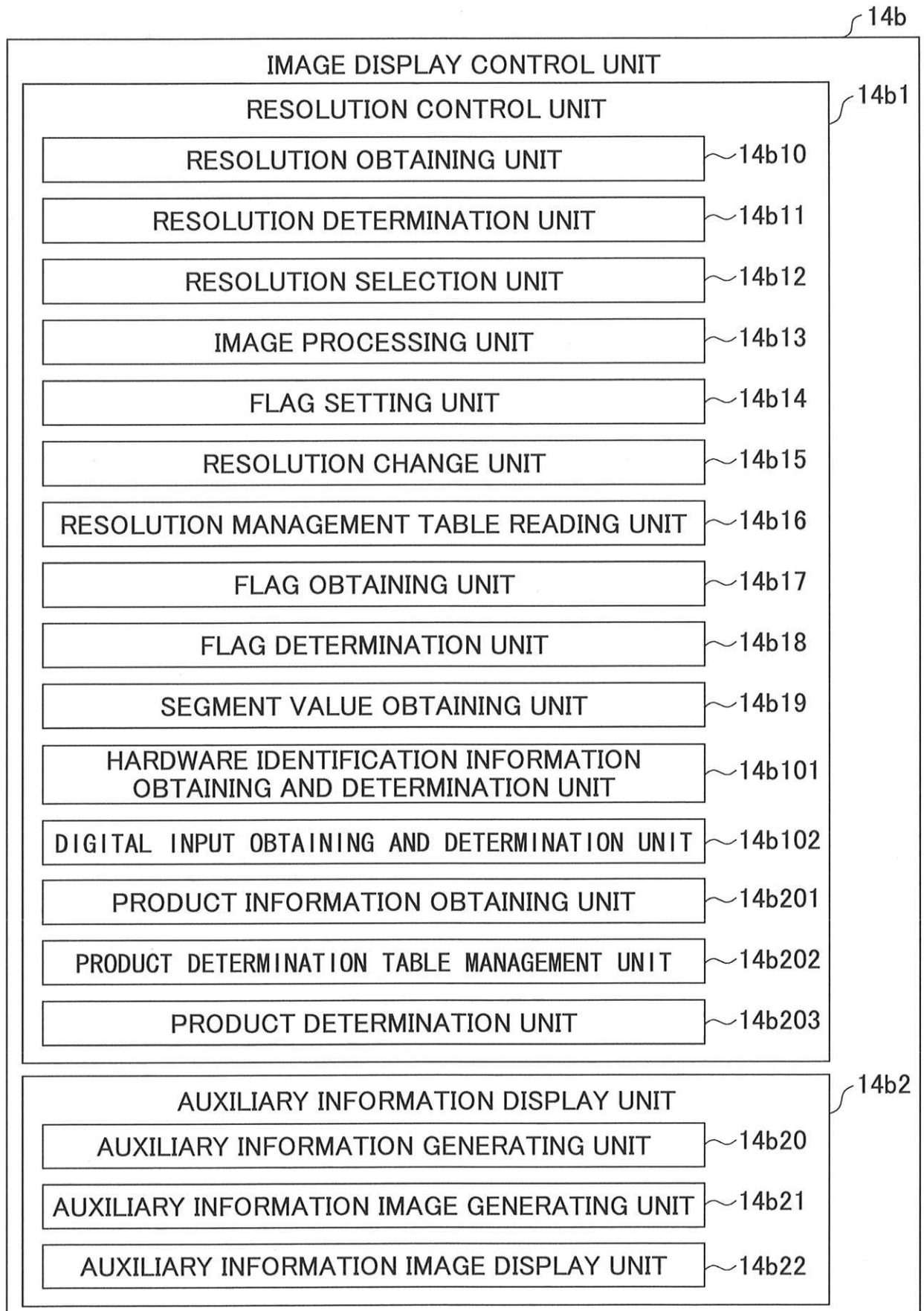


FIG.44

CURRENT DISPLAY RESOLUTION :	width:1280 height:720(16:9 RATIO)
DISPLAYABLE RESOLUTION :	width: 640 height:480(4:3 RATIO) width: 800 height:600(4:3 RATIO) width:1024 height:768(4:3 RATIO) width:1152 height:864(4:3 RATIO) width:1280 height:720(16:9 RATIO) width:1280 height:768(5:3 RATIO) width:1280 height:800(8:5 RATIO)
FLAG overlap :	false
SEGMENT POSITION :	-
AUXILIARY INFORMATION DISPLAY POSITION :	-
DISPLAY CONTENT :	-
DIGITAL INPUT digital :	true
RECOMMENDED RESOLUTION :	width:1280 height:720(16:9 RATIO)
HARDWARE IDENTIFICATION INFORMATION :	TV
MANUFACTURER CODE :	RRR
PRODUCT CODE :	0x0020h
MODEL NAME :	PPP_01SERIES
	:
	:

FIG.45A

MANUFACTURER CODE	RRR
PRODUCT CODE	—
MODEL NAME	—

FIG.45B

MANUFACTURER CODE	RRR
PRODUCT CODE	—
MODEL NAME	PPP_01SERIES, PPP_02SERIES

FIG.45C

MANUFACTURER CODE	RRR
PRODUCT CODE	0x0020h – 0x002Fh
MODEL NAME	—

FIG.46

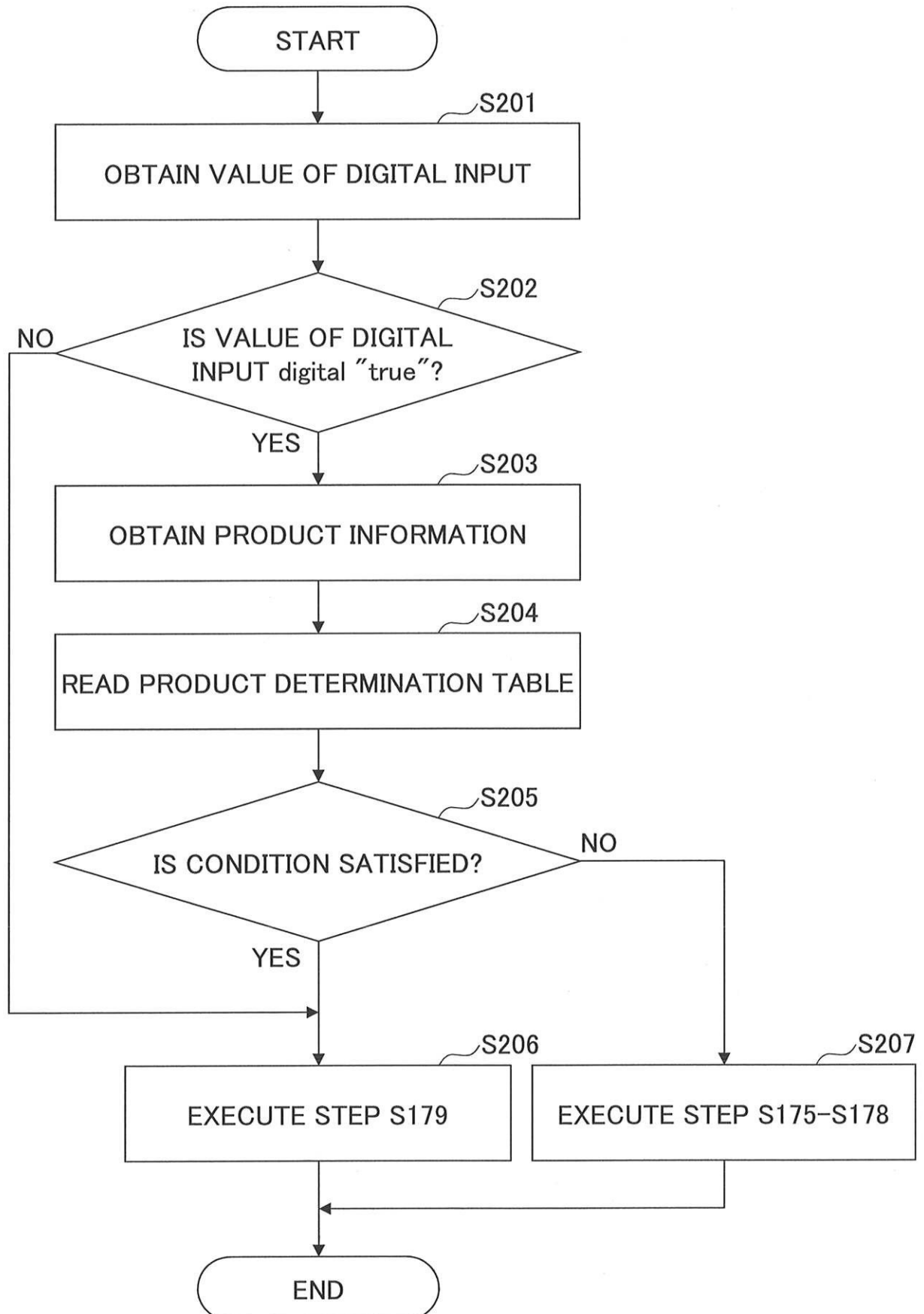


FIG.47

