

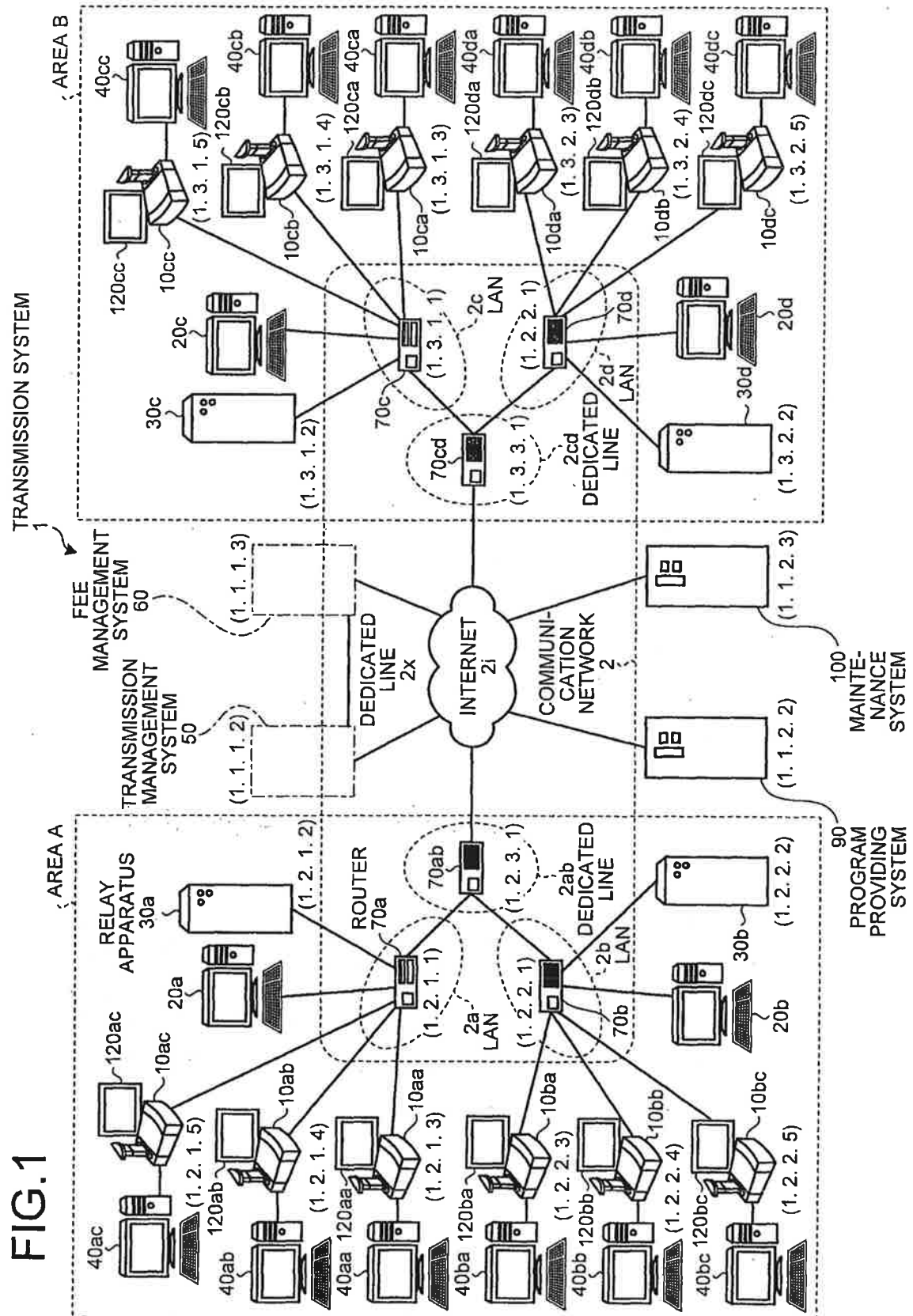


FIG.2

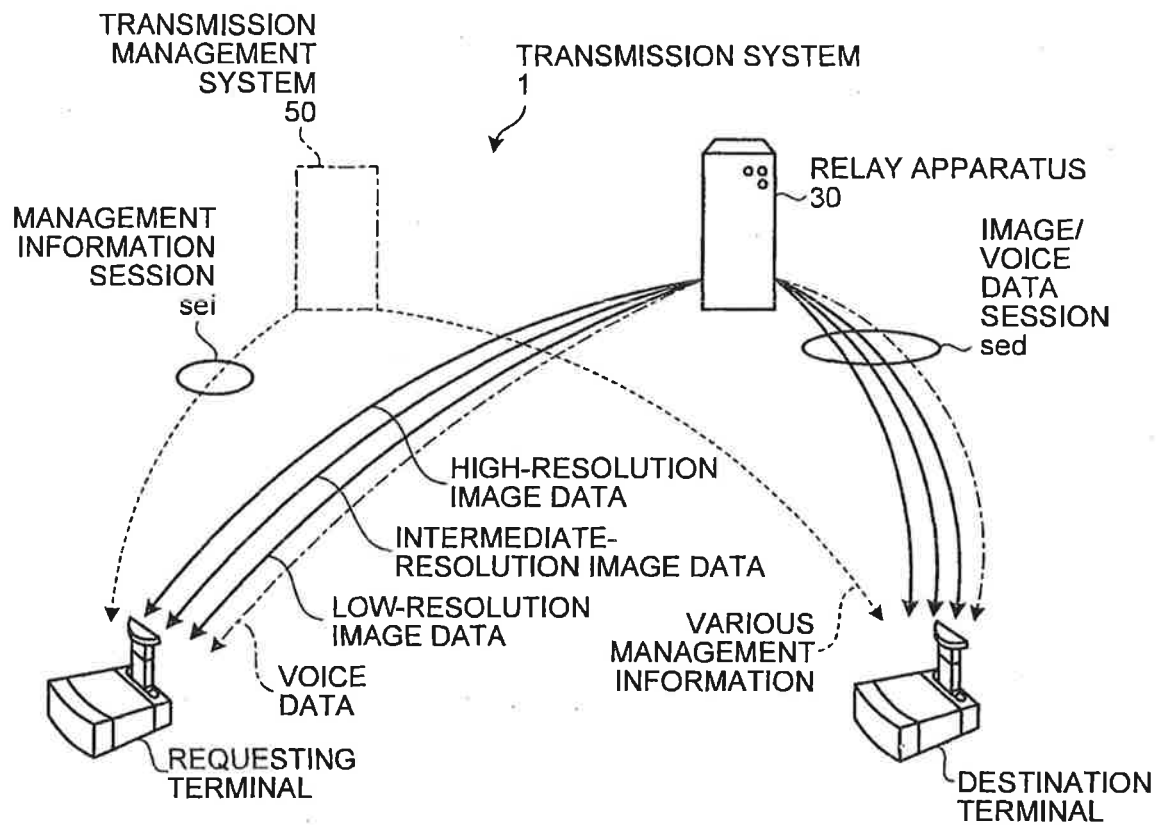


FIG.3

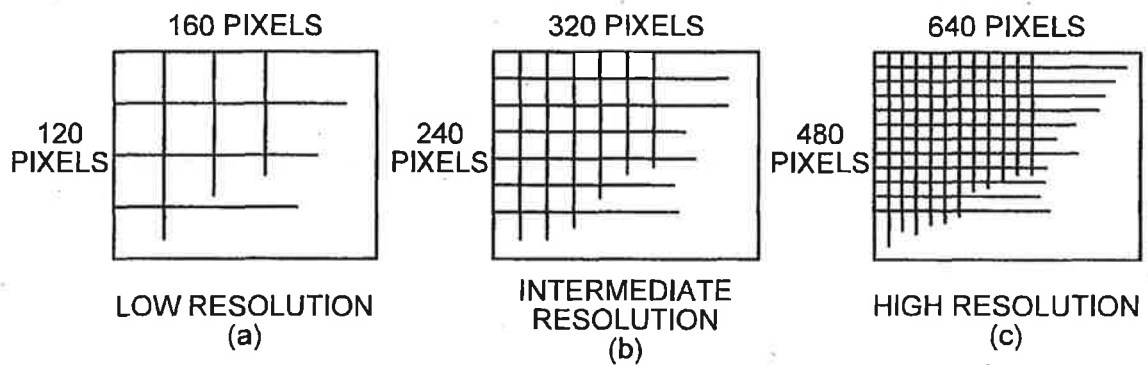


FIG.4

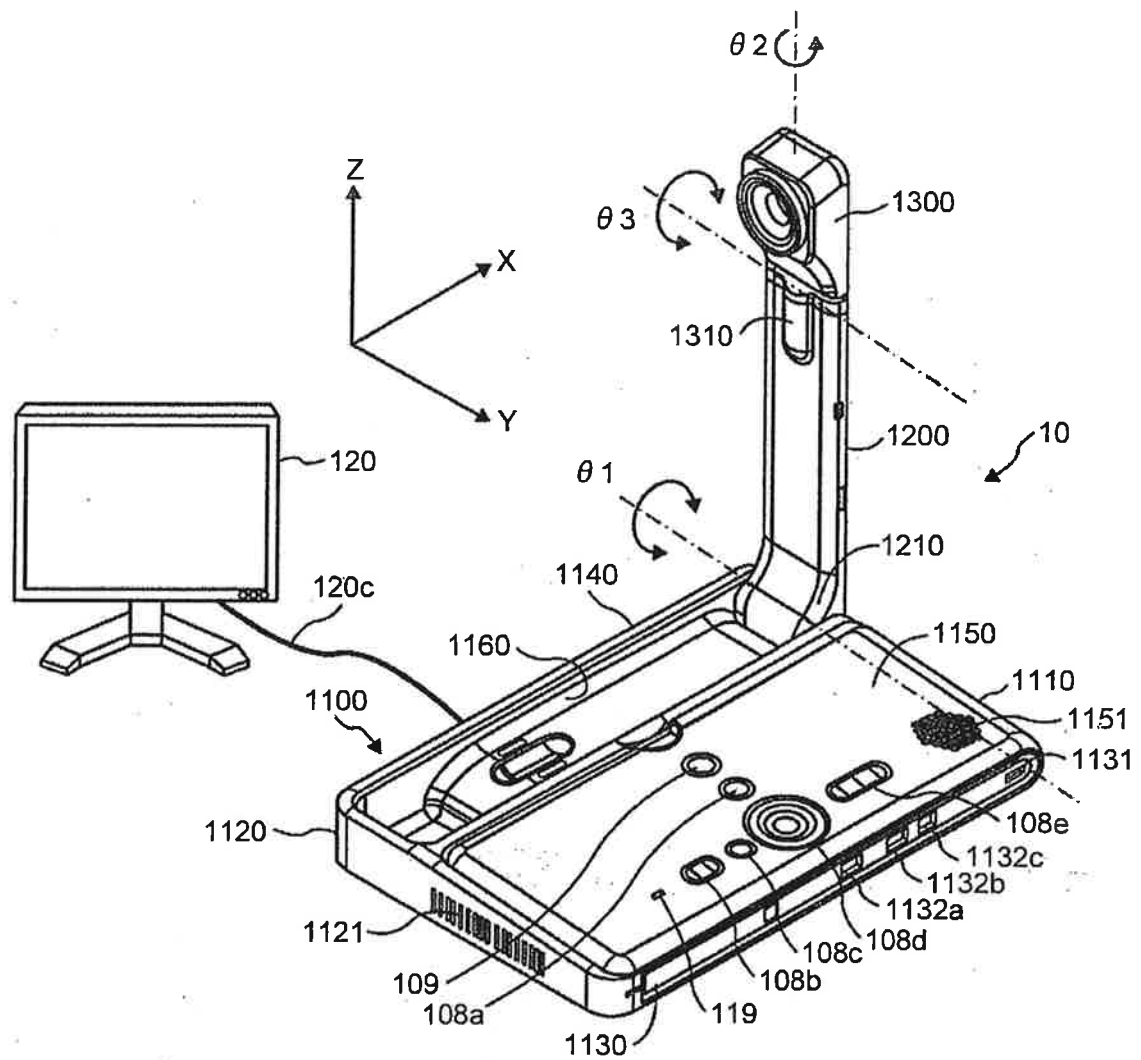


FIG. 5

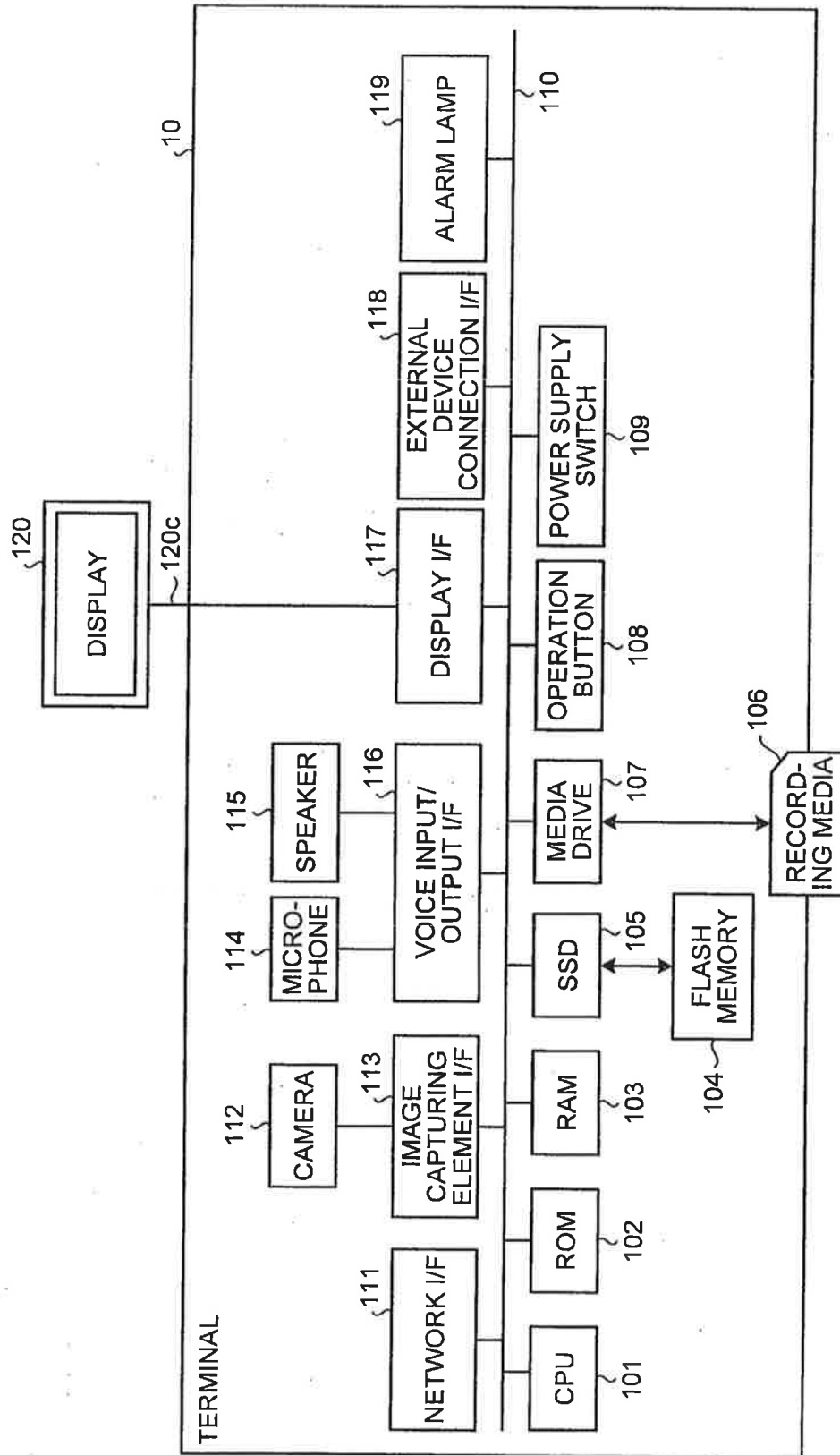


FIG. 6

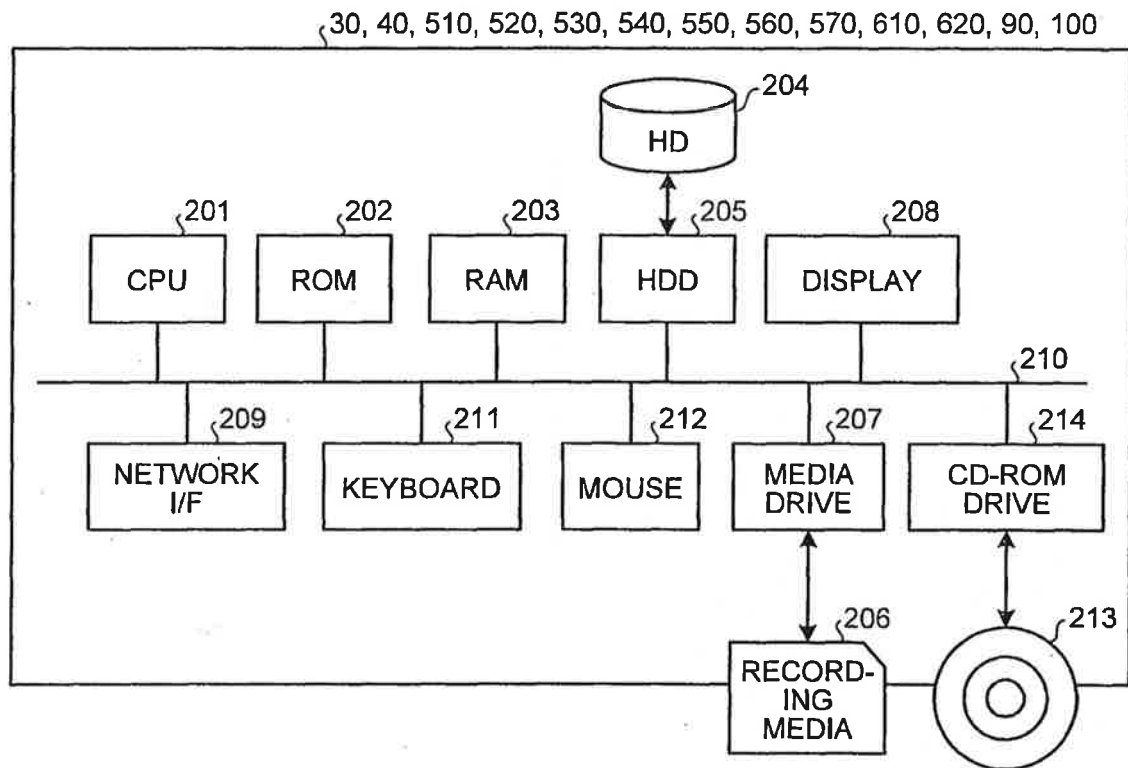


FIG. 7

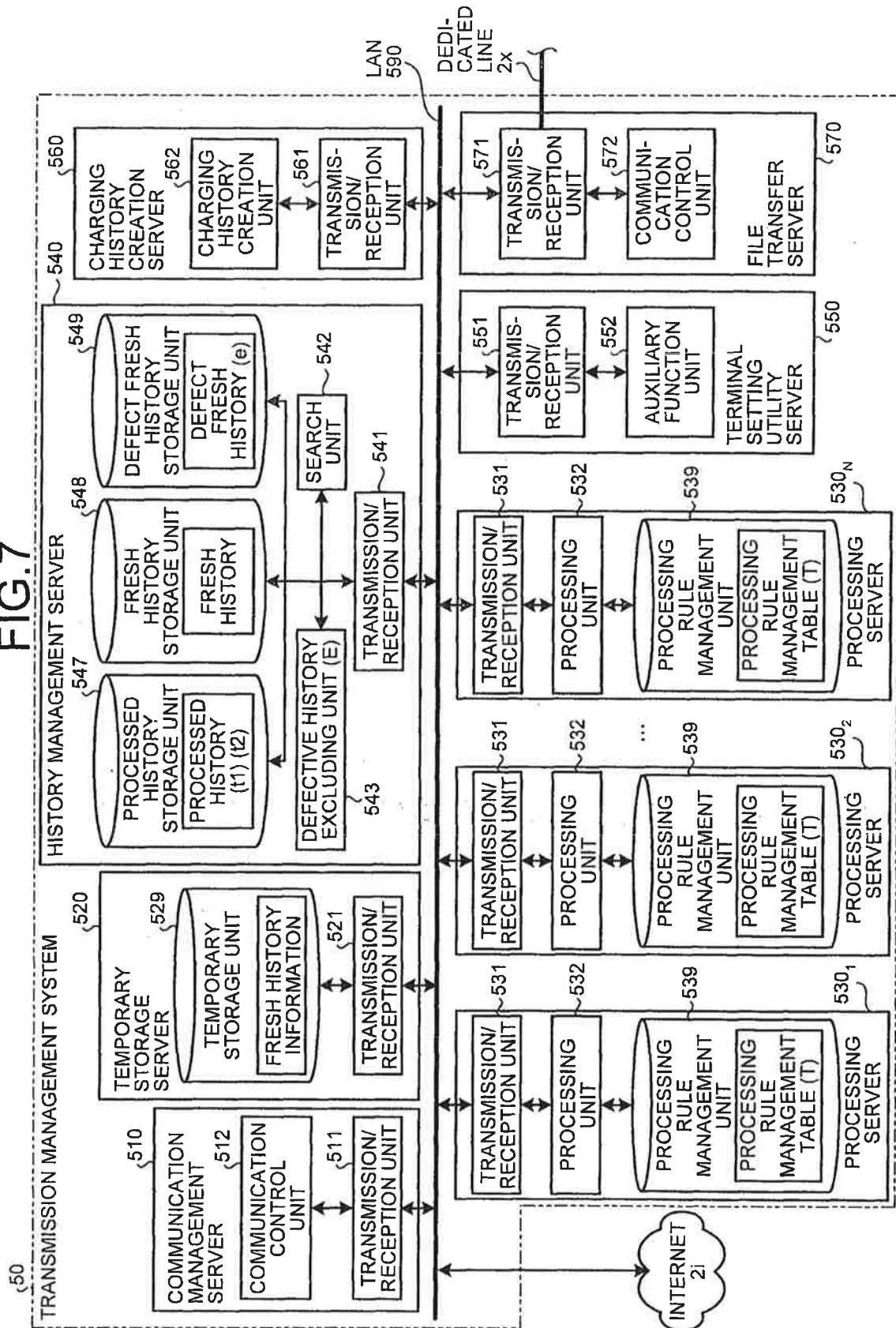


FIG.8

PROCESSING RULE MANAGEMENT TABLE (T)

PROCESSING START CONDITION (COMMUNICATION STATE)	POST- PROCESSING TARGET TABLE	POST- PROCESSING TARGET RECORD	PROCESSING CONTENTS
COMMUNICATION STATE="invite"	CONFERENCE HISTORY MANAGEMENT TABLE (t2)	RECORD INDICATING SAME CONFERENCE ID	CONFERENCE ID= <u>CONFERENCE ID</u> HOST TERMINAL ID= <u>TRANSMISSION SOURCE TERMINAL ID</u>
COMMUNICATION STATE="start"	CONFERENCE HISTORY MANAGEMENT TABLE (t2)	RECORD INDICATING SAME CONFERENCE ID	CONFERENCE ID= <u>CONFERENCE ID</u> HELD DATE AND TIME= <u>COMMUNICATION DATE AND TIME</u> CONFERENCE TIME= END DATE AND TIME · COMMUNICATION DATE AND TIME
COMMUNICATION STATE="end"	CONFERENCE HISTORY MANAGEMENT TABLE (t2)	RECORD INDICATING SAME CONFERENCE ID	CONFERENCE ID= <u>CONFERENCE ID</u> HELD DATE AND TIME= <u>COMMUNICATION DATE AND TIME</u> CONFERENCE TIME= CONFERENCE TIME · HELD DATE AND TIME
COMMUNICATION STATE="join"	PARTICIPANT HISTORY MANAGEMENT TABLE (t1)	RECORD INDICATING SAME CONFERENCE SESSION ID	HOST TERMINAL ID= <u>TRANSMISSION SOURCE TERMINAL ID</u> CONFERENCE ID= <u>CONFERENCE ID</u> CONFERENCE SESSION ID= <u>CONFERENCE SESSION ID</u> PARTICIPATION DATE AND TIME= <u>COMMUNICATION DATE AND TIME</u> PARTICIPATION TIME=(LEAVING DATE AND TIME-COMMUNICATION DATE AND TIME) LEAVING STATE="DURING CONFERENCE"
COMMUNICATION STATE="leave"	PARTICIPANT HISTORY MANAGEMENT TABLE (t1)	RECORD INDICATING SAME CONFERENCE SESSION ID	HOST TERMINAL ID= <u>TRANSMISSION SOURCE TERMINAL ID</u> CONFERENCE ID= <u>CONFERENCE ID</u> CONFERENCE SESSION ID= <u>CONFERENCE SESSION ID</u> PARTICIPATION DATE AND TIME= <u>COMMUNICATION DATE AND TIME</u> PARTICIPATION TIME=(COMMUNICATION DATE AND TIME · PARTICIPATION DATE AND TIME) LEAVING STATE="NORMAL"
COMMUNICATION STATE="offline" CONFERENCE ID=null CONFERENCE SESSION ID=null	PARTICIPANT HISTORY MANAGEMENT TABLE (t1)	RECORD INDICATING SAME CONFERENCE SESSION ID	HOST TERMINAL ID= <u>TRANSMISSION SOURCE TERMINAL ID</u> CONFERENCE ID= <u>CONFERENCE ID</u> CONFERENCE SESSION ID= <u>CONFERENCE SESSION ID</u> PARTICIPATION DATE AND TIME= <u>COMMUNICATION DATE AND TIME</u> PARTICIPATION TIME=(COMMUNICATION DATE AND TIME · PARTICIPATION DATE AND TIME) LEAVING STATE="FORCE-QUIT"
***	***	***	***

* UNDERLINED TERMS INDICATE ITEM VALUES OF FRESH HISTORY INFORMATION

FIG.9

FRESH HISTORY INFORMATION

COMMUNI- CATION STATE	REQUESTING TERMINAL ID	DESTI- NATION TERMINAL ID	SESSION ID	CONFER- ENCE ID	CONFER- ENCE SESSION ID	COMMUNICATION DATE AND TIME
online	110001	-	se001	-	-	2010-09-01 09:30:00
online	110002	-	se002	-	-	2010-09-01 09:30:00
online	110003	-	se003	-	-	2010-09-01 09:30:00
intive	110001	110002	-	conf001	-	2010-09-01 09:59:50
accept	110002	110001	-	conf001	-	2010-09-01 09:59:59
start	110001	-	-	conf001	-	2010-09-01 10:00:00
join	110001	-	-	conf001	cse001	2010-09-01 10:00:00
join	110002	-	-	conf001	cse001	2010-09-01 10:00:00
call	110003	110001	-	conf001	-	2010-09-01 10:09:50
accept	110001	110003	-	conf001	-	2010-09-01 10:09:59
join	110003	-	-	conf001	cse003	2010-09-01 10:10:00
leave	110002	-	-	conf001	cse002	2010-09-01 10:40:00
offline	110003	-	se003	conf001	cse003	2010-09-01 11:30:25
leave	110001	-	-	conf001	cse001	2010-09-01 11:30:25
end	110001	-	-	conf001	-	2010-09-01 11:30:25
offline	110001	-	se001	-	-	2010-09-01 11:35:00
offline	110002	-	se002	-	-	2010-09-01 11:40:00
...	...	...	...	...	...	...
online	110005	-	se005	-	-	2010-09-12 14:20:00
online	110006	-	se006	-	-	2010-09-12 14:21:00
intive	110005	110006	-	conf002	-	2010-09-12 14:29:50
accept	110006	110005	-	conf002	-	2010-09-12 14:29:55
start	110005	-	-	conf002	-	2010-09-12 14:30:00
join	110005	-	-	conf002	cse005	2010-09-12 14:30:00
...	...	...	...	...	...	...

FIG.10A

PARTICIPANT HISTORY MANAGEMENT TABLE (t1)

HISTORY ID	TERMINAL ID	CONFERENCE ID	CONFERENCE SESSION ID	PARTICIPATION DATE AND TIME	LEAVING DATE AND TIME	PARTICIPATION TIME	LEAVING STATE
001	110001	conf001	cse001	2010-09-01 10:00:00	2010-09-01 11:30:25	01:30:25	LEAVE
002	110002	conf001	cse002	2010-09-01 10:00:00	2010-09-01 10:40:00	00:44:00	LEAVE
003	110003	conf001	cse003	2010-09-01 10:00:00	2010-09-01 11:30:25	01:20:25	FORCE-QUIT
004	110005	conf002	cse005	2010-09-12 14:30:00	2010-09-12 15:35:25	01:05:25	LEAVE
005	110001	conf002	cse005	2010-09-12 14:30:00	2010-09-12 15:40:10	01:10:10	LEAVE
006	110002	conf002	cse005	2010-09-12 14:33:35	2010-09-12 15:40:10	01:06:35	LEAVE
...	...	...	...	...	...	...	...

FIG.10B

PARTICIPANT HISTORY MANAGEMENT TABLE (t2)

CONFERENCE ID	HOST TERMINAL ID	CONFERENCE START DATE AND TIME	CONFERENCE END DATE AND TIME	CONFERENCE TIME
conf001	110001	2010-09-01 10:00:00	2010-09-01 11:30:25	01:30:25
conf002	110005	2010-09-12 14:30:00	-	-
...	...	...	...	...

FIG.11

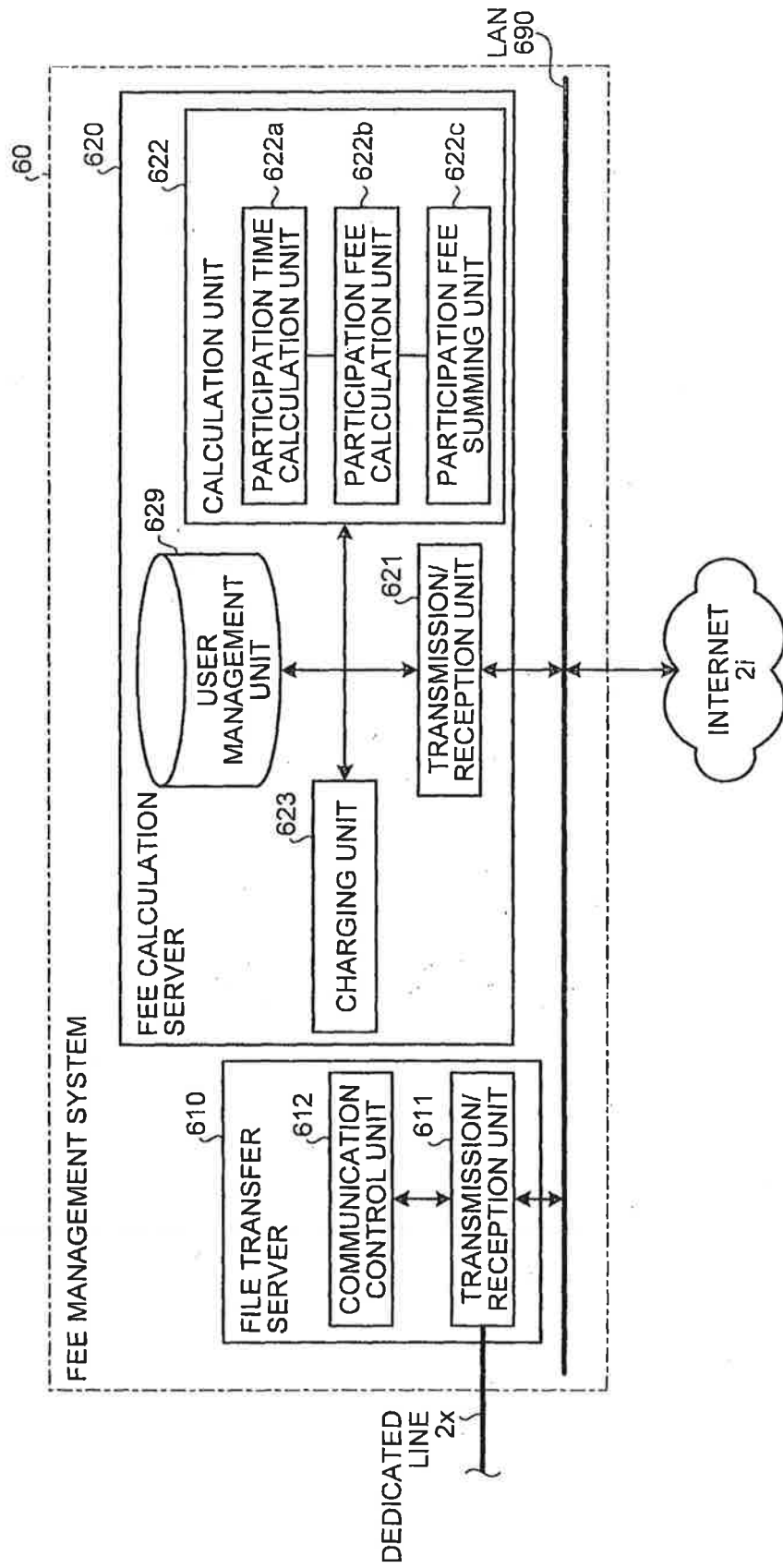


FIG.12

USER MANAGEMENT TABLE (Ty)

CONTRACT NUMBER	USER ID	USER NAME	USER ADDRESS	USER TELEPHONE NUMBER	USER E-MAIL ADDRESS	TERMINAL ID
20101005-0001	a123	AAA	TOKYO...	...	...	11001
						11002
						11003
						...
20110105-0001	b234	BBB	OSAKA...	...	...	11011
						11012
						11013
						...
20110110-0001	c345	CCC	State of New York...	...	...	11021
						11022
						11023
						...
20110110-0002	d456	DDD	Washington, D.C....	...	...	11031
						11032
						11033
						...
...	...	...	...	...	...	...

FIG.13

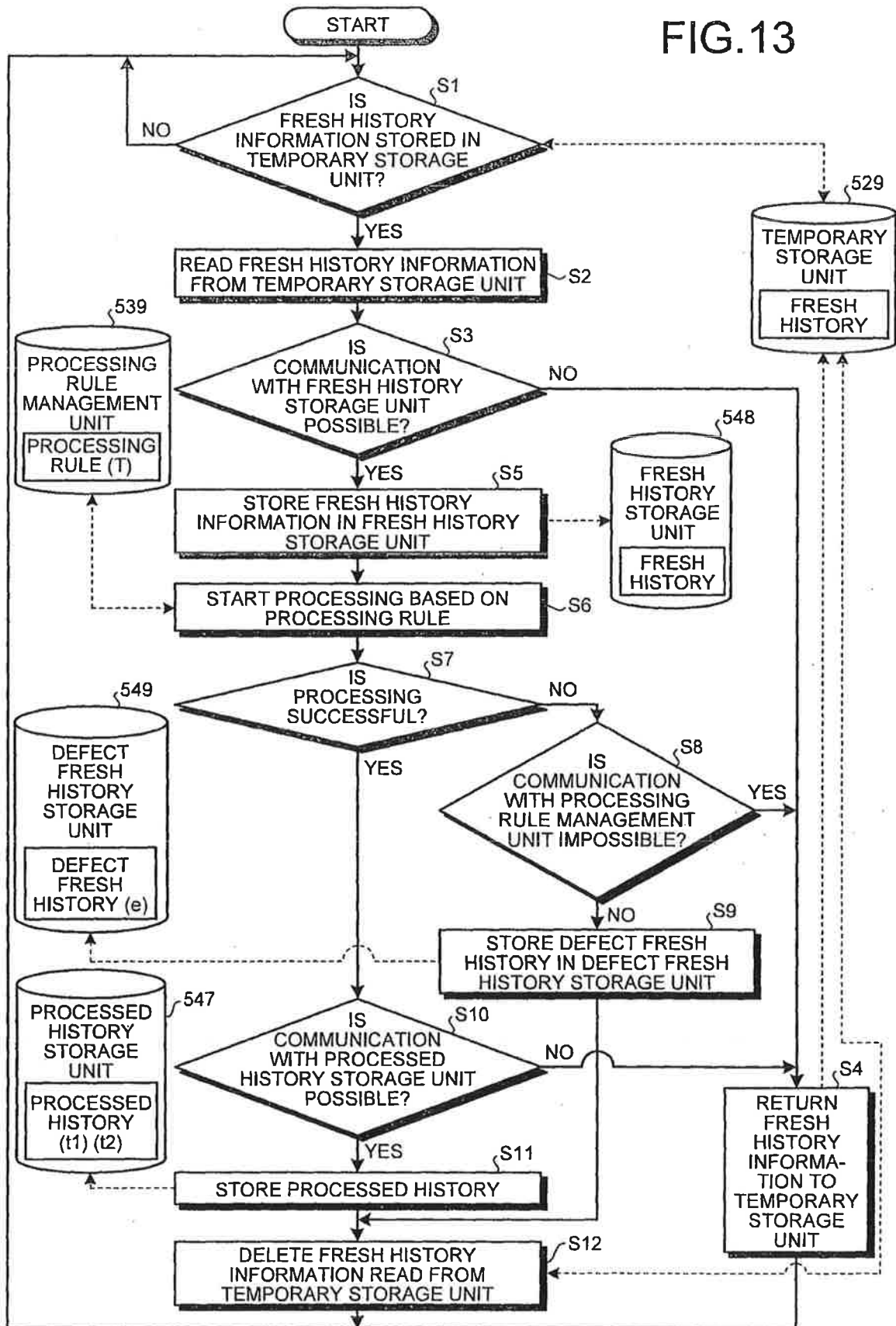


FIG.14

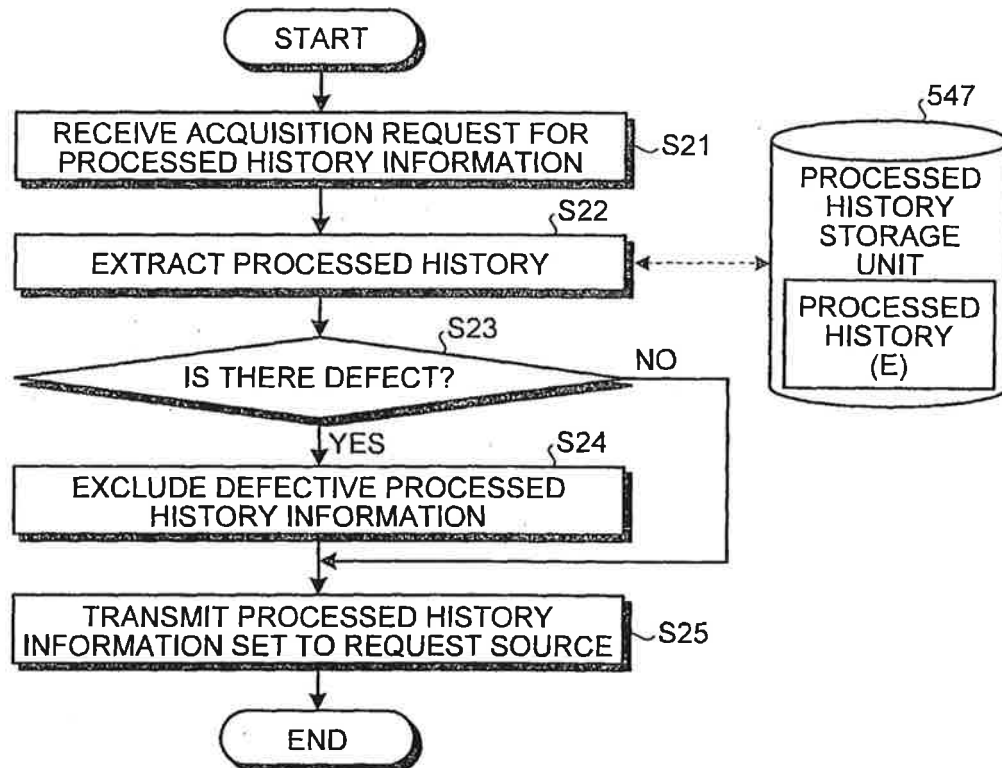


FIG.15B

SEARCH CONDITION A : (TERMINAL ID = TERMINAL ID OF ACQUISITION REQUESTING TERMINAL)
&& (from_date $\leq$ PARTICIPATION DATE AND TIME) && (PARTICIPATION DATE AND TIME < to_date)

SEARCH CONDITION B : (TERMINAL ID = TERMINAL ID OF ACQUISITION REQUESTING TERMINAL)
&& (from_date $\leq$ LEAVING DATE AND TIME) && (LEAVING DATE AND TIME < to_date)

SEARCH CONDITION C : (TERMINAL ID = TERMINAL ID OF ACQUISITION REQUESTING TERMINAL)
&& (LEAVING STATE = "DURING CONFERENCE") && (PARTICIPATION DATE AND TIME < to_date)

SEARCH CONDITION D : (TERMINAL ID = TERMINAL ID OF ACQUISITION REQUESTING TERMINAL)
&& (PARTICIPATION TIME $\leq$ to_date - from_date) && (PARTICIPATION DATE AND TIME < from_date)
&& (LEAVING DATE AND TIME $\geq$ to_date)

FIG.16

TRANSMISSION TERMINAL
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FIG.17

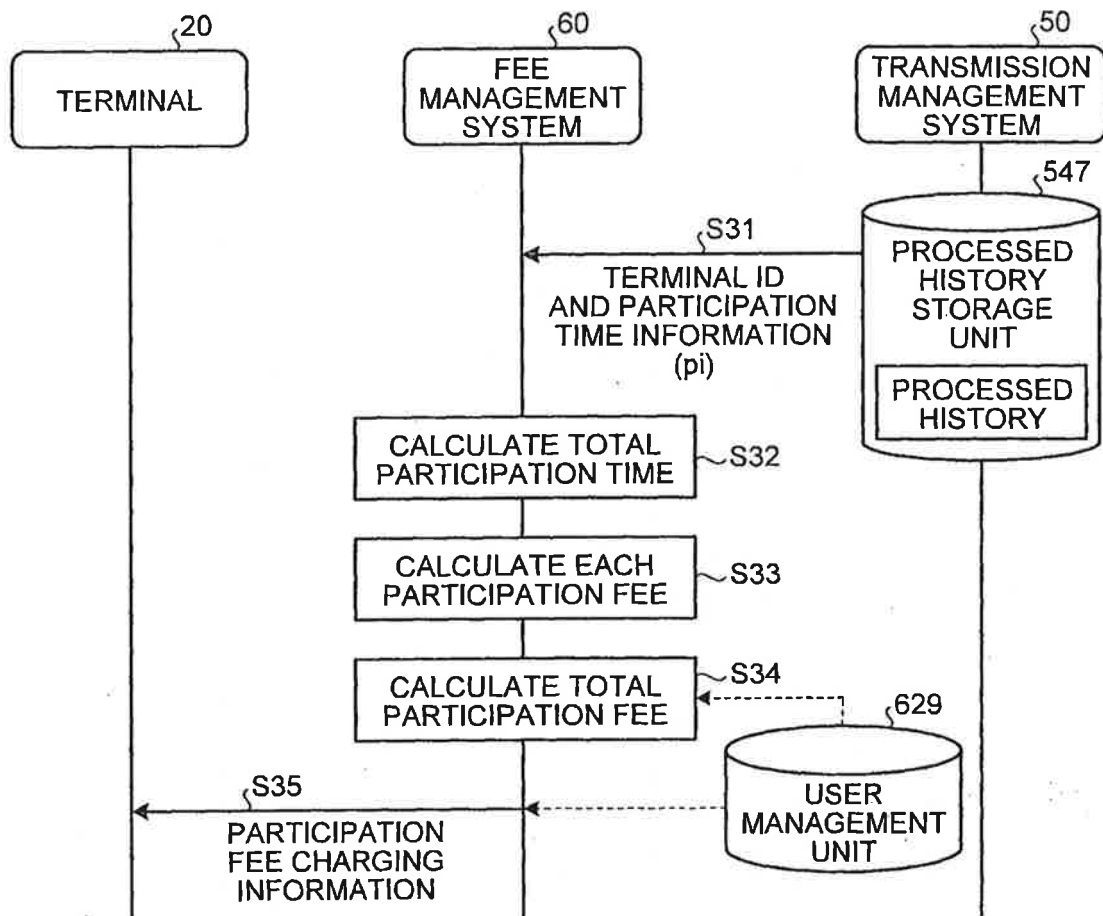


FIG.18

USER ID	TERMINAL ID	TOTAL PARTICIPATION TIME FOR EACH TERMINAL	PARTICIPATION FEE FOR EACH TERMINAL	TOTAL PARTICIPATION FEE FOR EACH USER
a123	11001	21 HOURS 32 MINUTES	12920 YEN	45020 YEN
	11002	17 HOURS 54 MINUTES	10740 YEN	
	11003	11 HOURS 10 MINUTES	6700 YEN	
	...	...	...	
b234	11001	14 HOURS 47 MINUTES	8870 YEN	34370 YEN
	11001	12 HOURS 35 MINUTES	7550 YEN	
	11001	11 HOURS 10 MINUTES	10750 YEN	
	...	...	...	
c345	11001	22 HOURS 03 MINUTES	13230 YEN	38600 YEN
	11001	20 HOURS 45 MINUTES	12450 YEN	
	11001	15 HOURS 15 MINUTES	9150 YEN	
	...	...	...	
d456	11001	8 HOURS 45 MINUTES	5250 YEN	17820 YEN
	11001	16 HOURS 38 MINUTES	9980 YEN	
	11001	2 HOURS 45 MINUTES	1650 YEN	
	...	...	...	
...	...	...	...	...

FIG. 19A

PARTICIPATION HISTORY MANAGEMENT TABLE (t11)[illegible]

FIG. 19B

CONFERENCE HISTORY MANAGEMENT TABLE (12)

CONFERENCE ID	HOST TERMINAL ID	CONFERENCE START DATE AND TIME	CONFERENCE END DATE AND TIME	CONFERENCE TIME	DEFECT FLAG
conf001	110001	2010-09-01 10:00:00	2010-09-01 11:30:25	01:30:25	1
conf002	110005	2010-09-12 14:30:00	-	-	1
...	...	...	...	...	...