FIG. 1

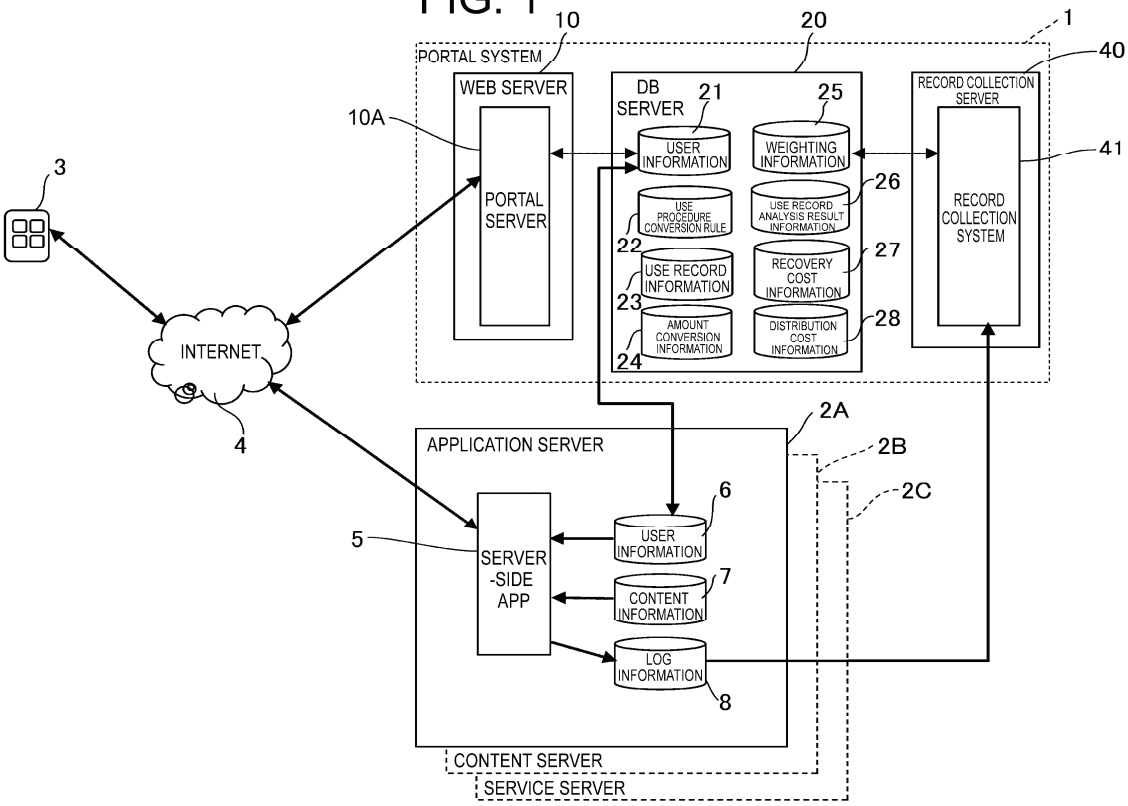

1
10
20
40
PORTAL SYSTEM
WEB SERVER
10A
PORTAL SERVER
DB SERVER
21
25
USER INFORMATION
WEIGHTING INFORMATION
USE PROCEDURE CONVERSION RULE
USE RECORD ANALYSIS RESULT INFORMATION
26
22
USE RECORD INFORMATION
RECOVERY COST INFORMATION
27
23
AMOUNT CONVERSION INFORMATION
DISTRIBUTION COST INFORMATION
28
24
RECORD COLLECTION SERVER
RECORD COLLECTION SYSTEM
41
3
INTERNET
4
2A
APPLICATION SERVER
2B
2C
6
5
SERVER -SIDE APP
USER INFORMATION
7
CONTENT INFORMATION
LOG INFORMATION
8
CONTENT SERVER
SERVICE SERVER

FIG. 2

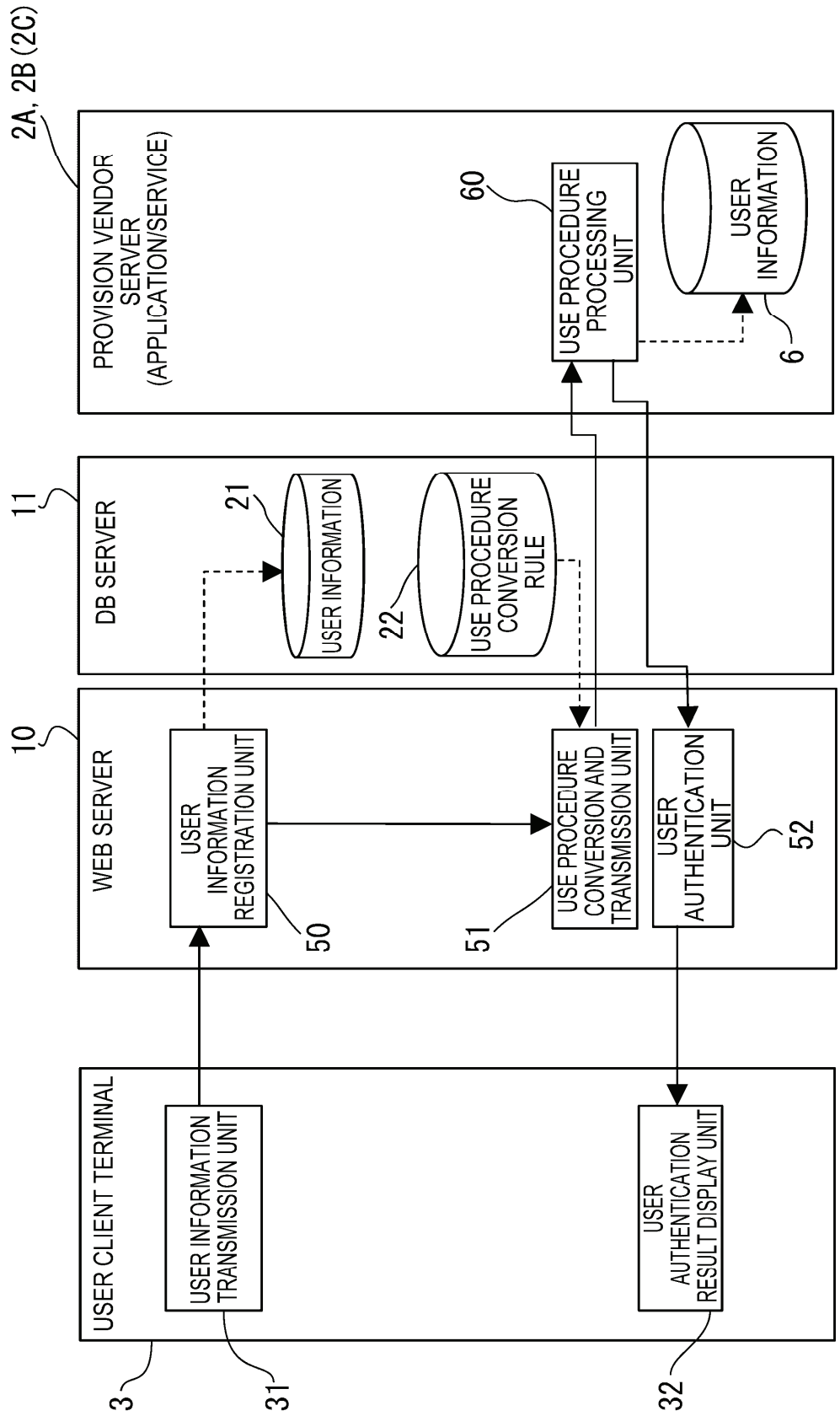

2A, 2B (2C)
PROVISION VENDOR SERVER (APPLICATION/SERVICE)
60
USE PROCEDURE PROCESSING UNIT
USER INFORMATION
6
11
DB SERVER
21
USER INFORMATION
22
USE PROCEDURE CONVERSION RULE
10
WEB SERVER
USER INFORMATION REGISTRATION UNIT
50
51
USE PROCEDURE CONVERSION AND TRANSMISSION UNIT
USER AUTHENTICATION UNIT
52
USER CLIENT TERMINAL
USER INFORMATION TRANSMISSION UNIT
USER AUTHENTICATION RESULT DISPLAY UNIT
3
31
32

FIG. 3

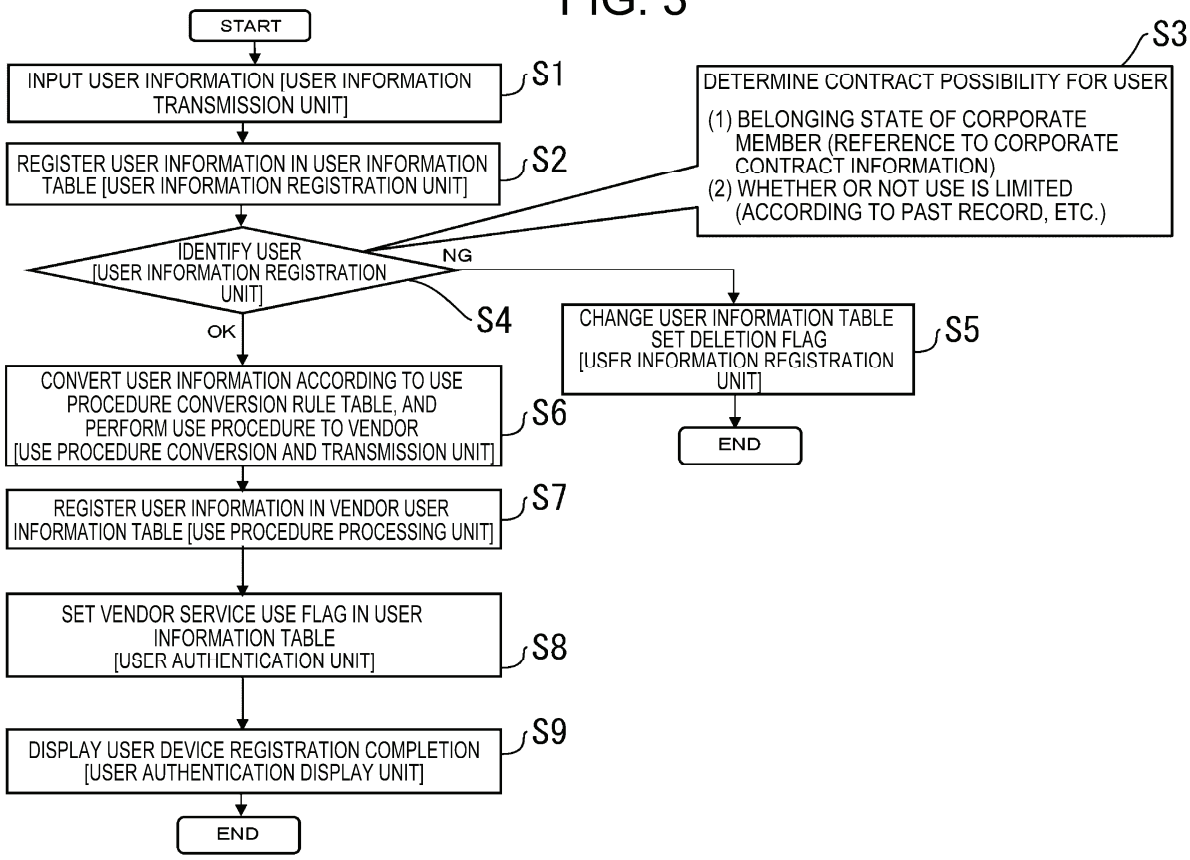

START
INPUT USER INFORMATION [USER INFORMATION TRANSMISSION UNIT]
S1
REGISTER USER INFORMATION IN USER INFORMATION TABLE [USER INFORMATION REGISTRATION UNIT]
S2
IDENTIFY USER [USER INFORMATION REGISTRATION UNIT]
S4
NG
OK
DETERMINE CONTRACT POSSIBILITY FOR USER
(1) BELONGING STATE OF CORPORATE MEMBER (REFERENCE TO CORPORATE CONTRACT INFORMATION)
(2) WHETHER OR NOT USE IS LIMITED (ACCORDING TO PAST RECORD, ETC.)
S3
CHANGE USER INFORMATION TABLE SET DELETION FLAG [USER INFORMATION REGISTRATION UNIT]
S5
END
CONVERT USER INFORMATION ACCORDING TO USE PROCEDURE CONVERSION RULE TABLE, AND PERFORM USE PROCEDURE TO VENDOR [USE PROCEDURE CONVERSION AND TRANSMISSION UNIT]
S6
REGISTER USER INFORMATION IN VENDOR USER INFORMATION TABLE [USE PROCEDURE PROCESSING UNIT]
S7
SET VENDOR SERVICE USE FLAG IN USER INFORMATION TABLE [USER AUTHENTICATION UNIT]
S8
DISPLAY USER DEVICE REGISTRATION COMPLETION [USER AUTHENTICATION DISPLAY UNIT]
S9
END

FIG. 4

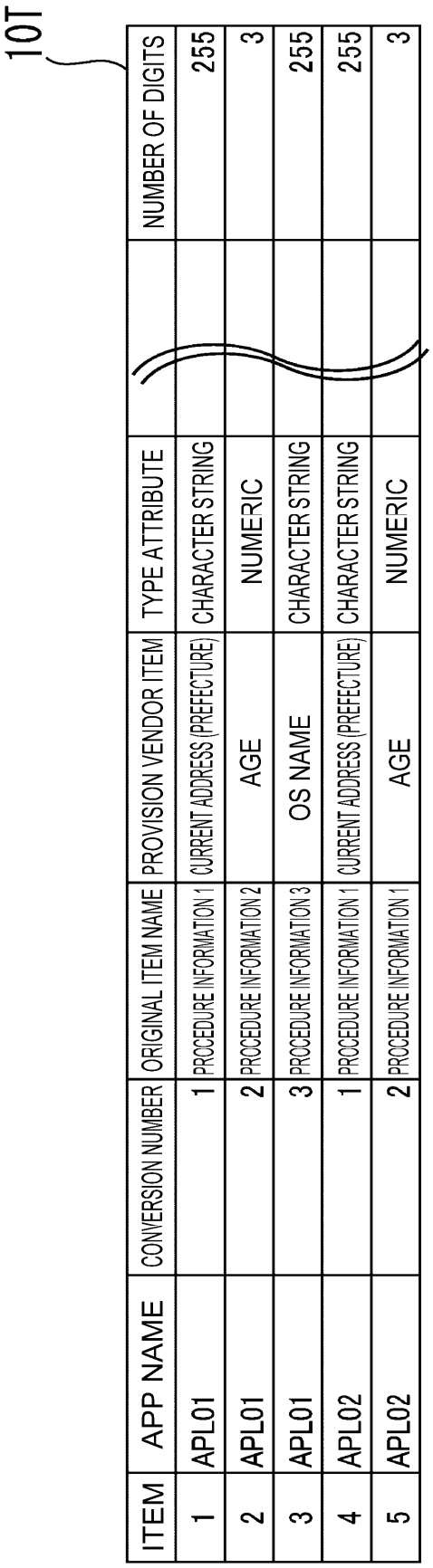
T

ITEM	USER CODE	USER NAME	PROCEDURE INFORMATION 1	PROCEDURE INFORMATION 2	PROCEDURE INFORMATION 3		PROCEDURE INFORMATION n
1	TEST01	TEST USER 1	CHIBA	40	Android 4.1		ENCRYPTION USE
2	TEST02	TEST USER 2	TOKYO	25	Android 4.1		–
3	TEST03	TEST USER 3	KANAGAWA	10	iOS 6.2		ENCRYPTION USE
4	TEST04	TEST USER 4	TOYAMA	30	Android 2.3		–
5	TEST05	TEST USER 5	ISHIKAWA	38	Windows 8		–

BELONGING COMPANY NAME	SERVICE 1	SERVICE 2		SERVICE n	STATE	DELETION FLAG
ABC COMPANY	NOT USED	USED		USED	IN START PROCEDURE	
AAA COMPANY	NOT USED	USED		NOT USED	IN USE	
BBB COMPANY	USED	NOT USED		NOT USED	IN USE	
BBB COMPANY	USED	NOT USED		NOT USED	CANCELED	DELETED
CCC COMPANY	USED	USED		NOT USED	IN CANCELLATION PROCEDURE	

LOGIN DATE AND TIME	LOGOUT DATE AND TIME	TERMINAL IDENTIFICATION CODE		LOGIN STATE	USE START DATE AND TIME	USE END DATE AND TIME
2013/1/1 0:30	2013/1/1 1:30	91001324513		LOGIN	2013/1/1 0:30	
2013/2/2 0:30	2013/2/2 4:30	21324105531			2013/2/2 0:30	
2013/4/3 0:30	2013/4/3 5:30	21321301212		LOGIN	2013/4/3 0:30	
2013/5/4 0:30	2013/5/8 0:30	25130218411			2013/5/4 0:30	2014/4/23 13:14
2013/7/5 0:30	2013/7/6 0:30	12213548113			2013/7/5 0:30	

FIG. 5



ITEM	APP NAME	CONVERSION NUMBER	ORIGINAL ITEM NAME	PROVISION VENDOR ITEM	TYPE ATTRIBUTE		NUMBER OF DIGITS
1	APL01	1	PROCEDURE INFORMATION 1	CURRENT ADDRESS (PREFECTURE)	CHARACTER STRING		255
2	APL01	2	PROCEDURE INFORMATION 2	AGE	NUMERIC		3
3	APL01	3	PROCEDURE INFORMATION 3	OS NAME	CHARACTER STRING		255
4	APL02	1	PROCEDURE INFORMATION 1	CURRENT ADDRESS (PREFECTURE)	CHARACTER STRING		255
5	APL02	2	PROCEDURE INFORMATION 1	AGE	NUMERIC		3

FIG. 6

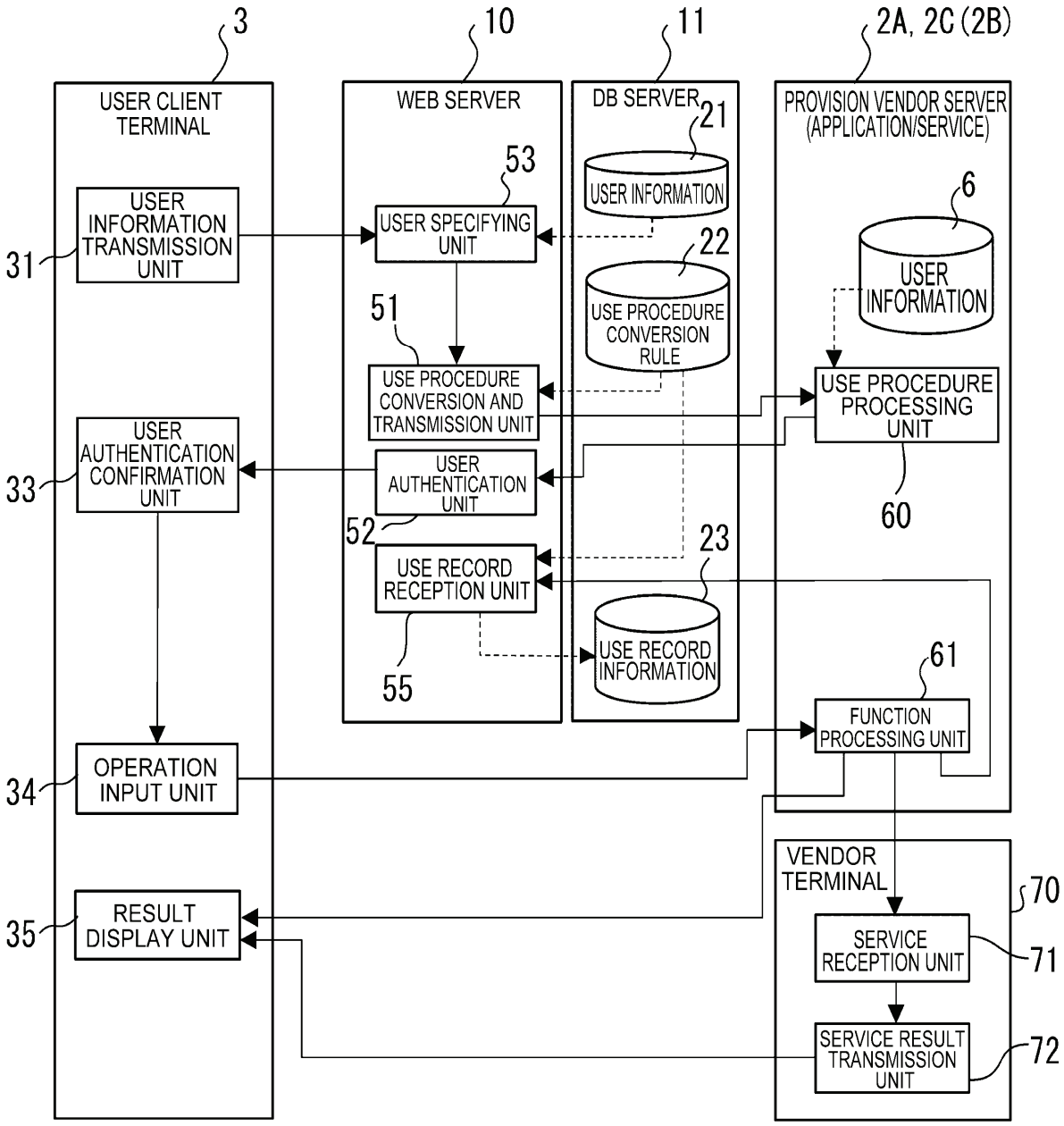

3
USER CLIENT TERMINAL
USER INFORMATION TRANSMISSION UNIT
31
USER AUTHENTICATION CONFIRMATION UNIT
33
OPERATION INPUT UNIT
34
RESULT DISPLAY UNIT
35
10
WEB SERVER
53
USER SPECIFYING UNIT
51
USE PROCEDURE CONVERSION AND TRANSMISSION UNIT
USER AUTHENTICATION UNIT
52
USE RECORD RECEPTION UNIT
55
11
DB SERVER
21
USER INFORMATION
22
USE PROCEDURE CONVERSION RULE
23
USE RECORD INFORMATION
2A, 2C (2B)
PROVISION VENDOR SERVER (APPLICATION/SERVICE)
6
USER INFORMATION
USE PROCEDURE PROCESSING UNIT
60
61
FUNCTION PROCESSING UNIT
VENDOR TERMINAL
70
SERVICE RECEPTION UNIT
71
SERVICE RESULT TRANSMISSION UNIT
72

FIG. 7

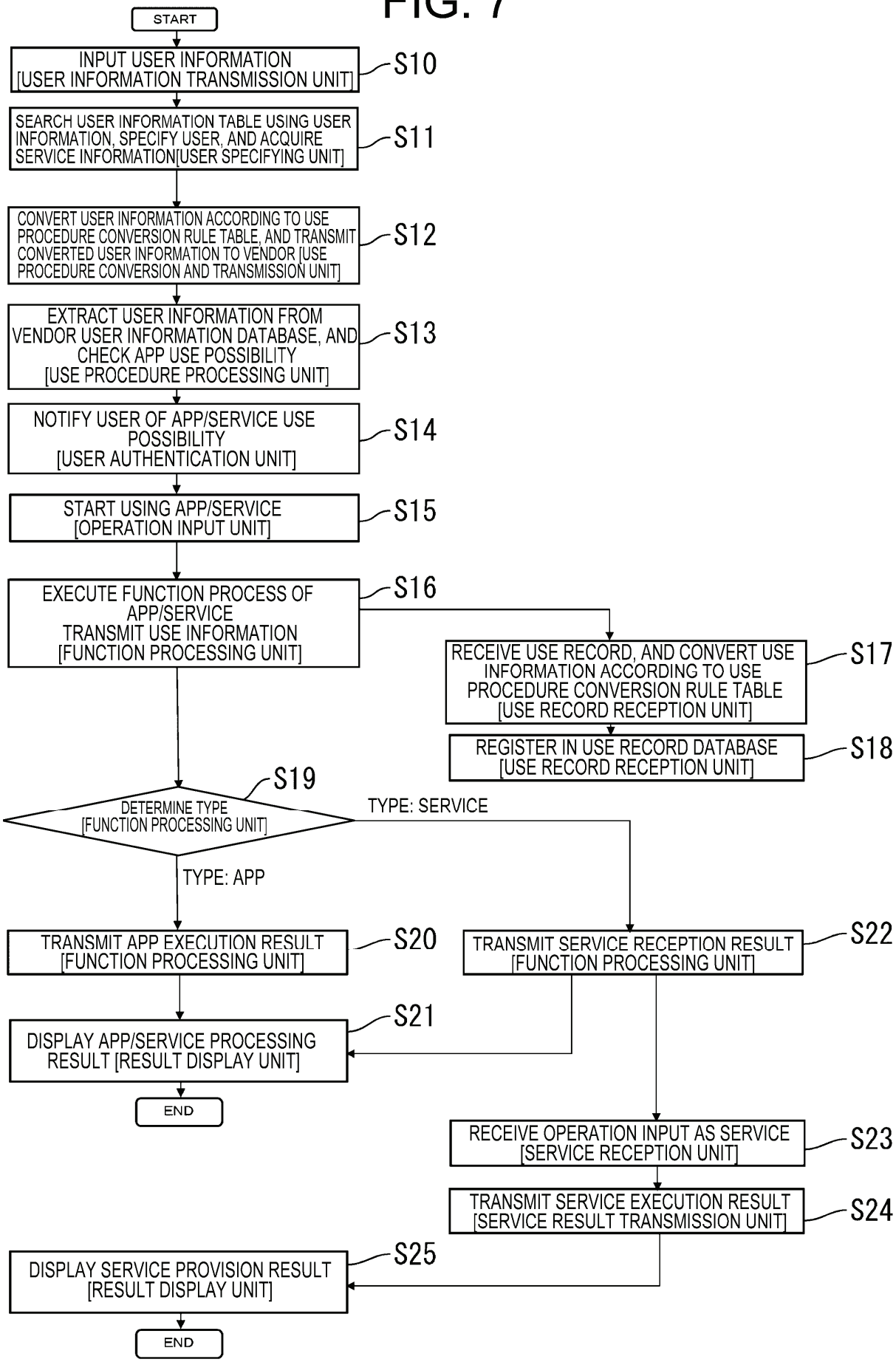

START
INPUT USER INFORMATION [USER INFORMATION TRANSMISSION UNIT]
S10
SEARCH USER INFORMATION TABLE USING USER INFORMATION, SPECIFY USER, AND ACQUIRE SERVICE INFORMATION[USER SPECIFYING UNIT]
S11
CONVERT USER INFORMATION ACCORDING TO USE PROCEDURE CONVERSION RULE TABLE, AND TRANSMIT CONVERTED USER INFORMATION TO VENDOR [USE PROCEDURE CONVERSION AND TRANSMISSION UNIT]
S12
EXTRACT USER INFORMATION FROM VENDOR USER INFORMATION DATABASE, AND CHECK APP USE POSSIBILITY [USE PROCEDURE PROCESSING UNIT]
S13
NOTIFY USER OF APP/SERVICE USE POSSIBILITY [USER AUTHENTICATION UNIT]
S14
START USING APP/SERVICE [OPERATION INPUT UNIT]
S15
EXECUTE FUNCTION PROCESS OF APP/SERVICE TRANSMIT USE INFORMATION [FUNCTION PROCESSING UNIT]
S16
RECEIVE USE RECORD, AND CONVERT USE INFORMATION ACCORDING TO USE PROCEDURE CONVERSION RULE TABLE [USE RECORD RECEPTION UNIT]
S17
REGISTER IN USE RECORD DATABASE [USE RECORD RECEPTION UNIT]
S18
S19
DETERMINE TYPE [FUNCTION PROCESSING UNIT]
TYPE: SERVICE
TYPE: APP
TRANSMIT APP EXECUTION RESULT [FUNCTION PROCESSING UNIT]
S20
TRANSMIT SERVICE RECEPTION RESULT [FUNCTION PROCESSING UNIT]
S22
DISPLAY APP/SERVICE PROCESSING RESULT [RESULT DISPLAY UNIT]
S21
END
RECEIVE OPERATION INPUT AS SERVICE [SERVICE RECEPTION UNIT]
S23
TRANSMIT SERVICE EXECUTION RESULT [SERVICE RESULT TRANSMISSION UNIT]
S24
DISPLAY SERVICE PROVISION RESULT [RESULT DISPLAY UNIT]
S25
END

FIG. 8

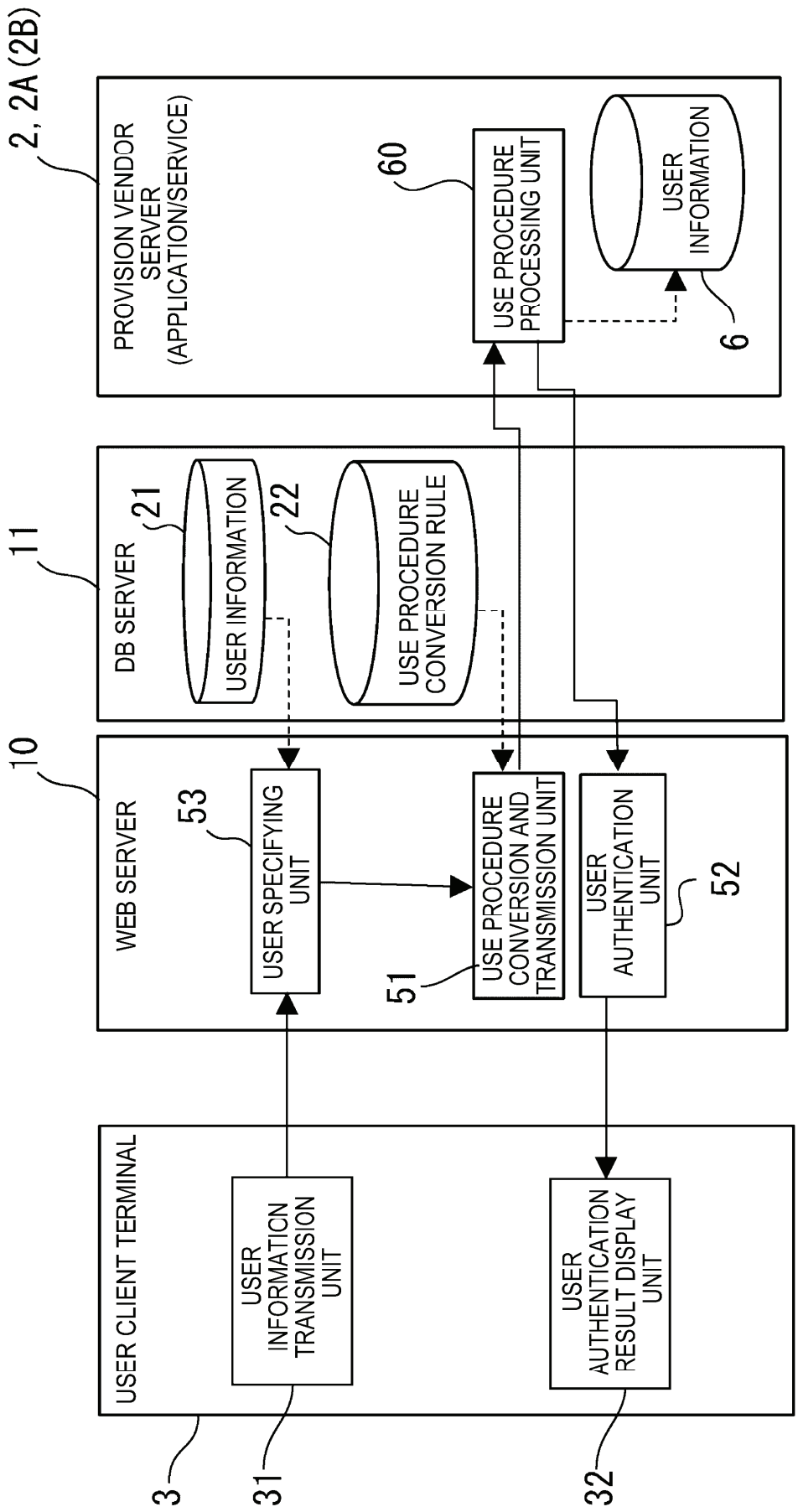

2, 2A (2B)
PROVISION VENDOR SERVER (APPLICATION/SERVICE)
60
USE PROCEDURE PROCESSING UNIT
USER INFORMATION
6
11
DB SERVER
21
USER INFORMATION
22
USE PROCEDURE CONVERSION RULE
10
WEB SERVER
53
USER SPECIFYING UNIT
51
USE PROCEDURE CONVERSION AND TRANSMISSION UNIT
USER AUTHENTICATION UNIT
52
USER CLIENT TERMINAL
USER INFORMATION TRANSMISSION UNIT
USER AUTHENTICATION RESULT DISPLAY UNIT
3
31
32

FIG. 9

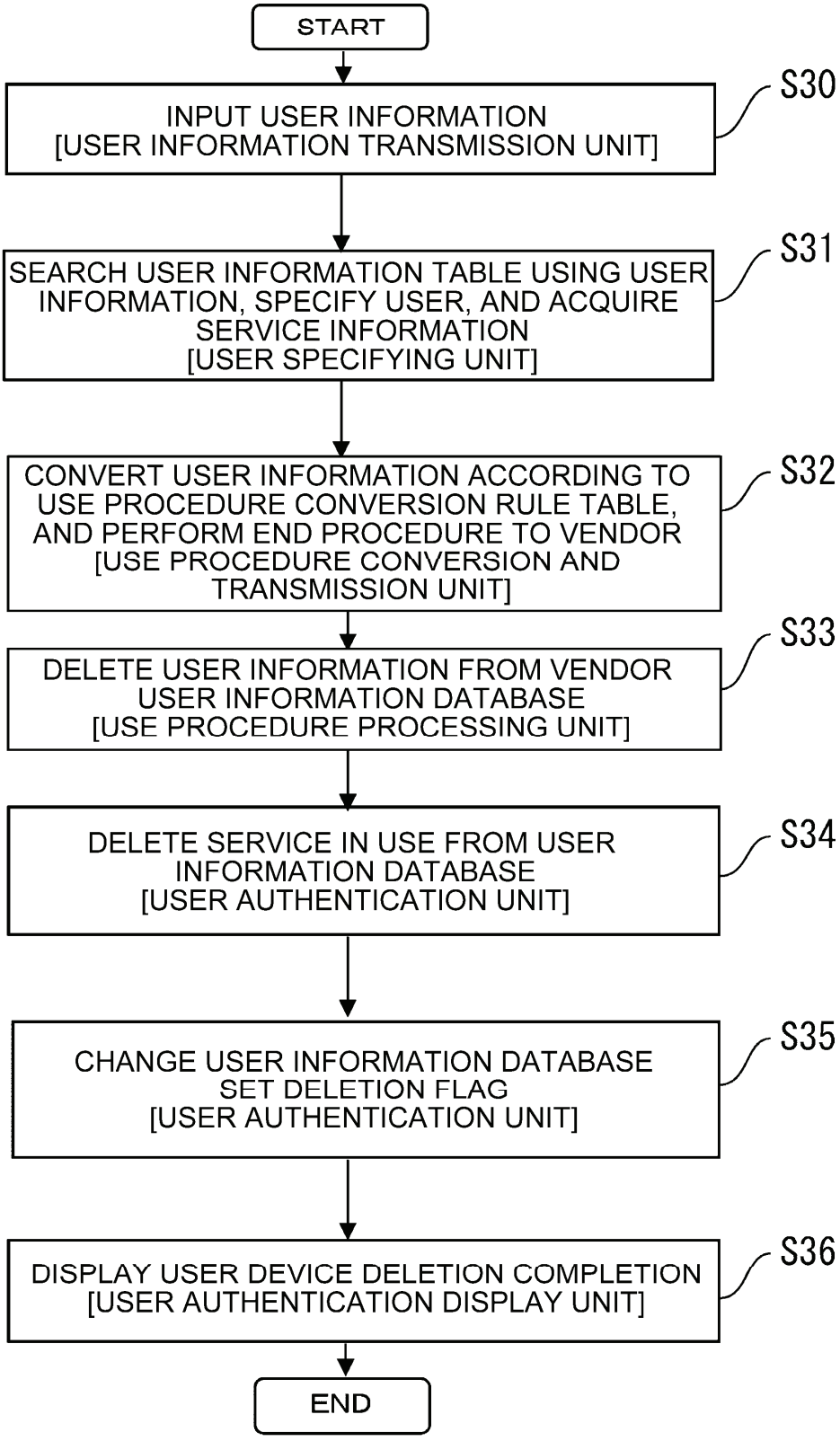

START
INPUT USER INFORMATION
[USER INFORMATION TRANSMISSION UNIT]
S30
SEARCH USER INFORMATION TABLE USING USER INFORMATION, SPECIFY USER, AND ACQUIRE SERVICE INFORMATION
[USER SPECIFYING UNIT]
S31
CONVERT USER INFORMATION ACCORDING TO USE PROCEDURE CONVERSION RULE TABLE, AND PERFORM END PROCEDURE TO VENDOR
[USE PROCEDURE CONVERSION AND TRANSMISSION UNIT]
S32
DELETE USER INFORMATION FROM VENDOR USER INFORMATION DATABASE
[USE PROCEDURE PROCESSING UNIT]
S33
DELETE SERVICE IN USE FROM USER INFORMATION DATABASE
[USER AUTHENTICATION UNIT]
S34
CHANGE USER INFORMATION DATABASE SET DELETION FLAG
[USER AUTHENTICATION UNIT]
S35
DISPLAY USER DEVICE DELETION COMPLETION
[USER AUTHENTICATION DISPLAY UNIT]
S36
END

FIG. 10

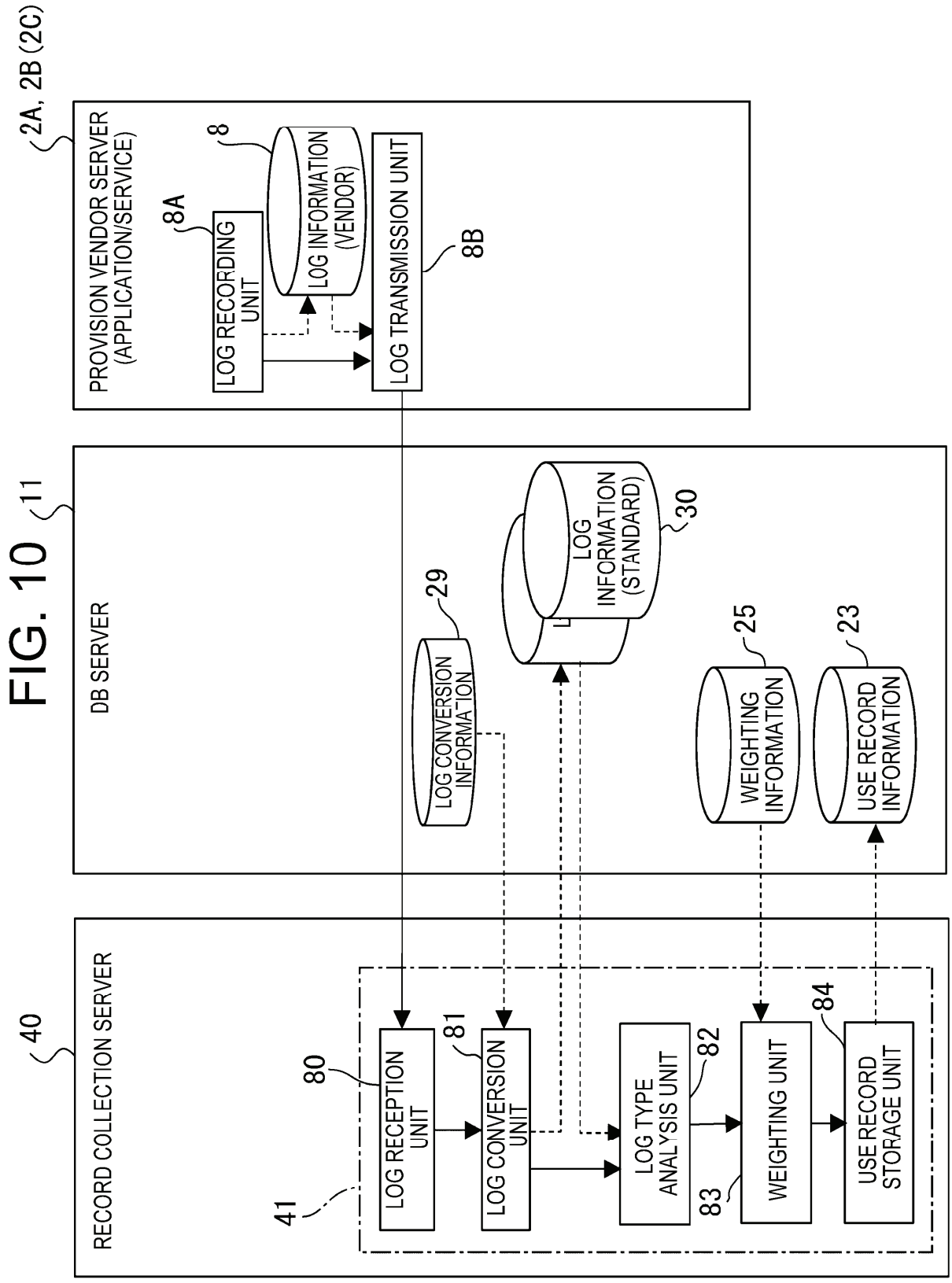

2A, 2B (2C)
PROVISION VENDOR SERVER (APPLICATION/SERVICE)
8
8A
LOG RECORDING UNIT
LOG INFORMATION (VENDOR)
LOG TRANSMISSION UNIT
8B
11
DB SERVER
29
LOG CONVERSION INFORMATION
LOG INFORMATION (STANDARD)
30
25
WEIGHTING INFORMATION
23
USE RECORD INFORMATION
40
RECORD COLLECTION SERVER
80
LOG RECEPTION UNIT
81
LOG CONVERSION UNIT
82
LOG TYPE ANALYSIS UNIT
83
WEIGHTING UNIT
84
USE RECORD STORAGE UNIT
41

FIG. 11

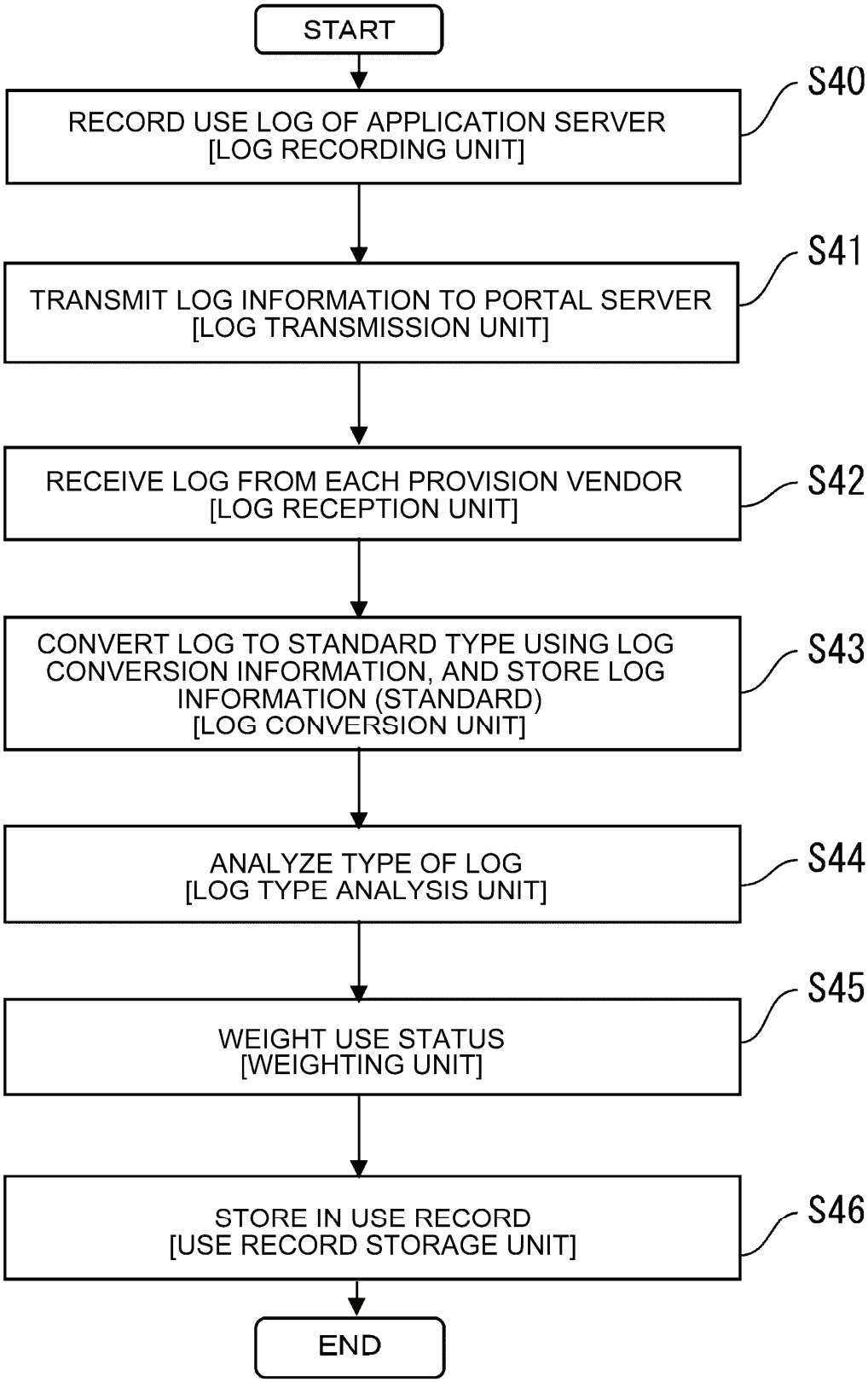

START
RECORD USE LOG OF APPLICATION SERVER
[LOG RECORDING UNIT]
S40
TRANSMIT LOG INFORMATION TO PORTAL SERVER
[LOG TRANSMISSION UNIT]
S41
RECEIVE LOG FROM EACH PROVISION VENDOR
[LOG RECEPTION UNIT]
S42
CONVERT LOG TO STANDARD TYPE USING LOG CONVERSION INFORMATION, AND STORE LOG INFORMATION (STANDARD)
[LOG CONVERSION UNIT]
S43
ANALYZE TYPE OF LOG
[LOG TYPE ANALYSIS UNIT]
S44
WEIGHT USE STATUS
[WEIGHTING UNIT]
S45
STORE IN USE RECORD
[USE RECORD STORAGE UNIT]
S46
END

FIG. 12A

20Ta

<VENDOR A> APP 1 BOOK CONTENT

ITEM	USER CODE	BOOK NAME	PROCESS TYPE	PAGE NUMBER	REFERENCE TIME		TERMINAL IDENTIFICATION CODE
1	TEST01	TRAVEL: SHANGHAI	REFERENCE	12	15:00		91001324513
2	TEST01	TRAVEL: SHANGHAI	PAGE CHANGE	14	-		91001324513
3	TEST01	TRAVEL: SHANGHAI	REFERENCE	15	5:15		91001324513
4	TEST01	TRAVEL: SHANGHAI	PAGE CHANGE	16	-		91001324513
5	TEST02	TRAVEL: BEIJING	REFERENCE	5	4:20		21321301212

START DATE	START TIME	END DATE	END TIME
2013/3/12	10:20:00	2013/3/12	10:20:00
2013/3/13	10:45:00	2013/3/13	10:45:00
2013/4/14	15:50:00	2013/4/14	15:55:15
2013/5/15	18:20:00	2013/5/15	18:20:00
2013/6/16	20:22:00	2013/6/16	20:26:20

FIG. 12B

20Tb

<VENDOR B> APP 2 RESERVATION SERVICE

ITEM	USER CODE	RESERVATION TYPE	PROCESS TYPE	SERVICE NUMBER	USE TIME		TERMINAL IDENTIFICATION CODE
1	TEST01	TRAVEL TO SHANGHAI	REFERENCE	1500	5:15		91001324513
2	TEST01	MOVE	REFERENCE	3500	15:00		91001324513
3	TEST01	TRAVEL TO SHANGHAI	TRAVEL RESERVATION	1000	4:20		91001324513
4	TEST01	MOVE	MOVE RESERVATION	3000	5:15		91001324513
5	TEST02	TRAVEL TO BEIJING	REFERENCE	1500	6:21		21321301212

START DATE	START TIME	END DATE	END TIME
2013/8/12	10:20:00	2013/8/12	10:25:15
2013/9/1	10:45:00	2013/9/1	11:00:00
2013/10/11	15:50:00	2013/10/11	15:04:20
2013/12/1	18:20:00	2013/12/1	18:25:15
2013/12/15	20:22:00	2013/12/15	20:28:21

FIG. 12C

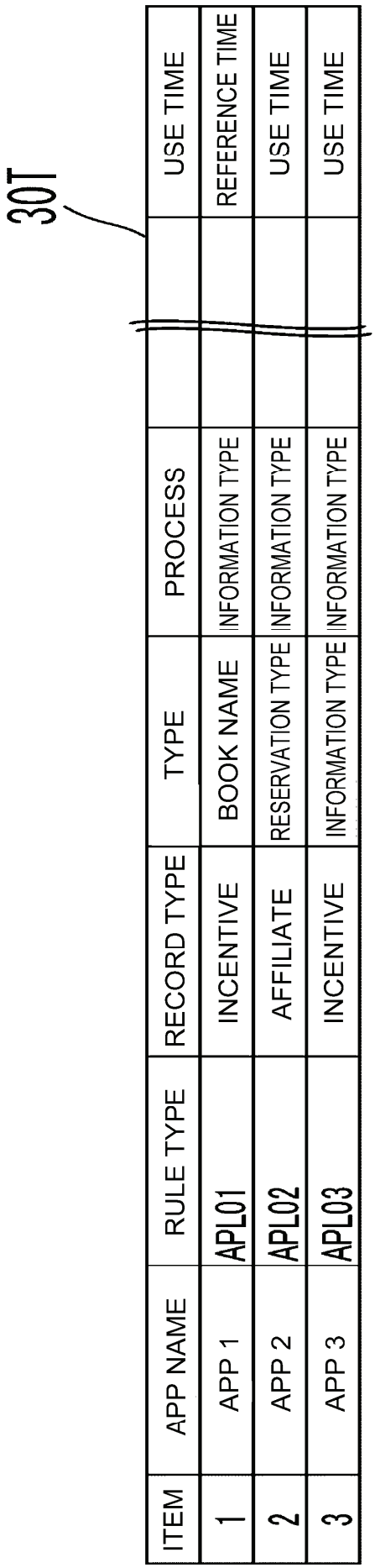
<VENDOR C> APP 3 INFORMATION PROVISION APP

20Tc

ITEM	USER CODE	INFORMATION TYPE	PROCESS TYPE	SERVICE NUMBER	USE TIME		TERMINAL IDENTIFICATION CODE
1	TEST01	MAP SEARCH	SEARCH	2000	1:10		91001324513
2	TEST01	GAME	REFERENCE	1000	0:45		91001324513
3	TEST01	TRANSFER GUIDE	SEARCH	3000	3:20		91001324513
4	TEST01	SIGHTSEEING GUIDE	SEARCH	4000	0:15		91001324513
5	TEST02	ROUTE SEARCH	SEARCH	5000	0:20		21321301212

START DATE	START TIME	END DATE	END TIME
2013/4/2	9:20:00	2013/4/2	9:21:10
2013/5/10	11:00:00	2013/5/10	11:00:45
2013/6/10	13:15:00	2013/6/10	13:18:20
2013/6/20	14:20:00	2013/6/20	14:20:15
2013/7/20	18:35:00	2013/7/20	18:35:20

FIG. 13



ITEM	APP NAME	RULE TYPE	RECORD TYPE	TYPE	PROCESS		USE TIME
1	APP 1	APL01	INCENTIVE	BOOK NAME	INFORMATION TYPE		REFERENCE TIME
2	APP 2	APL02	AFFILIATE	RESERVATION TYPE	INFORMATION TYPE		USE TIME
3	APP 3	APL03	INCENTIVE	INFORMATION TYPE	INFORMATION TYPE		USE TIME

FIG. 14A

40Ta

<VENDOR A> APP 1 BOOK CONTENT

ITEM	USER CODE	INFORMATION TYPE	PROCESS TYPE	PAGE NUMBER	USE TIME		TERMINAL IDENTIFICATION CODE
1	TEST01	TRAVEL: SHANGHAI	REFERENCE	12	15:00		91001324513
2	TEST01	TRAVEL: SHANGHAI	PAGE CHANGE	14	-		91001324513
3	TEST01	TRAVEL: SHANGHAI	REFERENCE	15	5:15		91001324513
4	TEST01	TRAVEL: SHANGHAI	PAGE CHANGE	16	-		91001324513
5	TEST02	TRAVEL: BEIJING	REFERENCE	5	4:20		21321301212

START DATE	START TIME	END DATE	END TIME	SERVICE NUMBER		RECORD TYPE
2013/3/12	10:20:00	2013/3/12	10:20:00	-		INCENTIVE
2013/3/13	10:45:00	2013/3/13	10:45:00	-		INCENTIVE
2013/4/14	15:50:00	2013/4/14	15:55:15	-		INCENTIVE
2013/5/15	18:20:00	2013/5/15	18:20:00	-		INCENTIVE
2013/6/16	20:22:00	2013/6/16	20:26:20	-		INCENTIVE

FIG. 14B

<VENDOR B> APP 2 RESERVATION SERVICE

40Tb

ITEM	USER CODE	INFORMATION TYPE	PROCESS TYPE	PAGE NUMBER	USE TIME		TERMINAL IDENTIFICATION CODE
1	TEST01	TRAVEL TO SHANGHAI	REFERENCE	-	5:15		91001324513
2	TEST01	MOVE TO SHANGHAI	REFERENCE	–	15:00		91001324513
3	TEST01	TRAVEL TO SHANGHAI	TRAVEL RESERVATION	-	4:20		91001324513
4	TEST01	MOVE TO SHANGHAI	MOVE RESERVATION	-	5:15		91001324513
5	TEST02	TRAVEL TO BEIJING	REFERENCE	–	6:21		21321301212

START DATE	START TIME	END DATE	END TIME	SERVICE NUMBER		RECORD TYPE
2013/8/12	10:20:00	2013/8/12	10:25:15	1500		AFFILIATE
2013/9/1	10:45:00	2013/9/1	11:00:00	3500		AFFILIATE
2013/10/11	15:50:00	2013/10/11	15:04:20	1000		AFFILIATE
2013/12/1	18:20:00	2013/12/1	18:25:15	3000		AFFILIATE
2013/12/15	20:22:00	2013/12/15	20:28:21	1500		AFFILIATE

FIG. 14C

<VENDOR C> APP 3 INFORMATION PROVISION APP

40Tc

ITEM	USER CODE	INFORMATION TYPE	PROCESS TYPE	PAGE NUMBER	USE TIME		TERMINAL IDENTIFICATION CODE
1	TEST01	MAP SEARCH	SEARCH	-	1:10		91001324513
2	TEST01	GAME	REFERENCE	-	0:45		91001324513
3	TEST01	TRANSFER GUIDE	SEARCH	-	3:20		91001324513
4	TEST01	SIGHTSEEING GUIDE	SEARCH	-	0:15		91001324513
5	TEST02	ROUTE SEARCH	SEARCH	-	0:20		21321301212

START DATE	START TIME	END DATE	END TIME	SERVICE NUMBER		RECORD TYPE
2013/4/2	9:20:00	2013/4/2	9:21:10	20000		INCENTIVE
2013/5/10	11:00:00	2013/5/10	11:00:45	10000		INCENTIVE
2013/6/10	13:15:00	2013/6/10	13:18:20	30000		INCENTIVE
2013/6/20	14:20:00	2013/6/20	14:20:15	40000		INCENTIVE
2013/7/20	18:35:00	2013/7/20	18:35:20	50000		INCENTIVE

FIG. 15

50T

ITEM	APP NAME	INFORMATION TYPE	PROCESS TYPE	SERVICE NUMBER	WEIGHT VALUE		USE TIME CONVERSION
1	APP 1	TRAVEL: SHANGHAI	REFERENCE	-	2		1
2	APP 1	TRAVEL: SHANGHAI	PAGE CHANGE	-	1		0
3	APP 1	TRAVEL: BEIJING	REFERENCE	-	3		1
4	APP 1	TRAVEL: BEIJING	PAGE CHANGE	-	1		0
5	APP 2	TRAVEL TO SHANGHAI	REFERENCE	1500	4		1
6	APP 2	MOVE TO SHANGHAI	REFERENCE	3500	4		1
7	APP 2	TRAVEL TO SHANGHAI	TRAVEL RESERVATION	1000	1		0
8	APP 2	MOVE TO SHANGHAI	MOVE RESERVATION	3000	1		0
9	APP 2	TRAVEL TO BEIJING	REFERENCE	1500	1		1
10	APP 2	MOVE TO BEIJING	REFERENCE	3000	1		1
11	APP 2	TRAVEL TO BEIJING	TRAVEL RESERVATION	1000	2		0
12	APP 2	MOVE TO BEIJING	MOVE RESERVATION	3000	2		0
13	APP 3	MAP SEARCH	SEARCH	20000	3		0
14	APP 3	GAME	REFERENCE	10000	4		1
15	APP 3	TRANSFER GUIDE	SEARCH	30000	2		0
16	APP 3	SIGHTSEEING GUIDE	SEARCH	40000	2		0
17	APP 3	ROUTE SEARCH	SEARCH	50000	2		0

FIG. 16

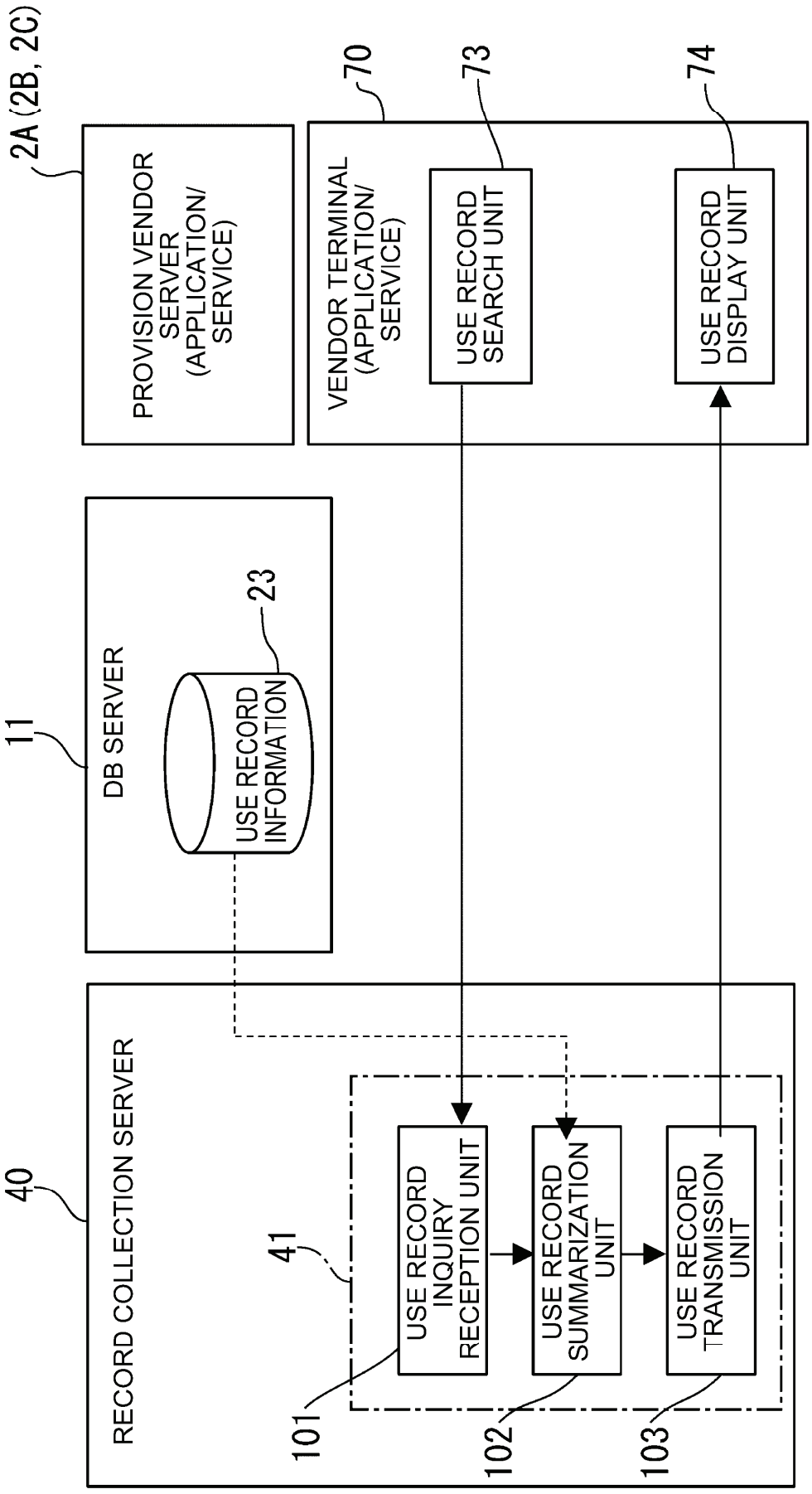

2A (2B, 2C)
PROVISION VENDOR SERVER (APPLICATION/ SERVICE)
70
VENDOR TERMINAL (APPLICATION/ SERVICE)
73
USE RECORD SEARCH UNIT
74
USE RECORD DISPLAY UNIT
11
DB SERVER
23
USE RECORD INFORMATION
40
RECORD COLLECTION SERVER
41
USE RECORD INQUIRY RECEPTION UNIT
USE RECORD SUMMARIZATION UNIT
USE RECORD TRANSMISSION UNIT
101
102
103

FIG. 17

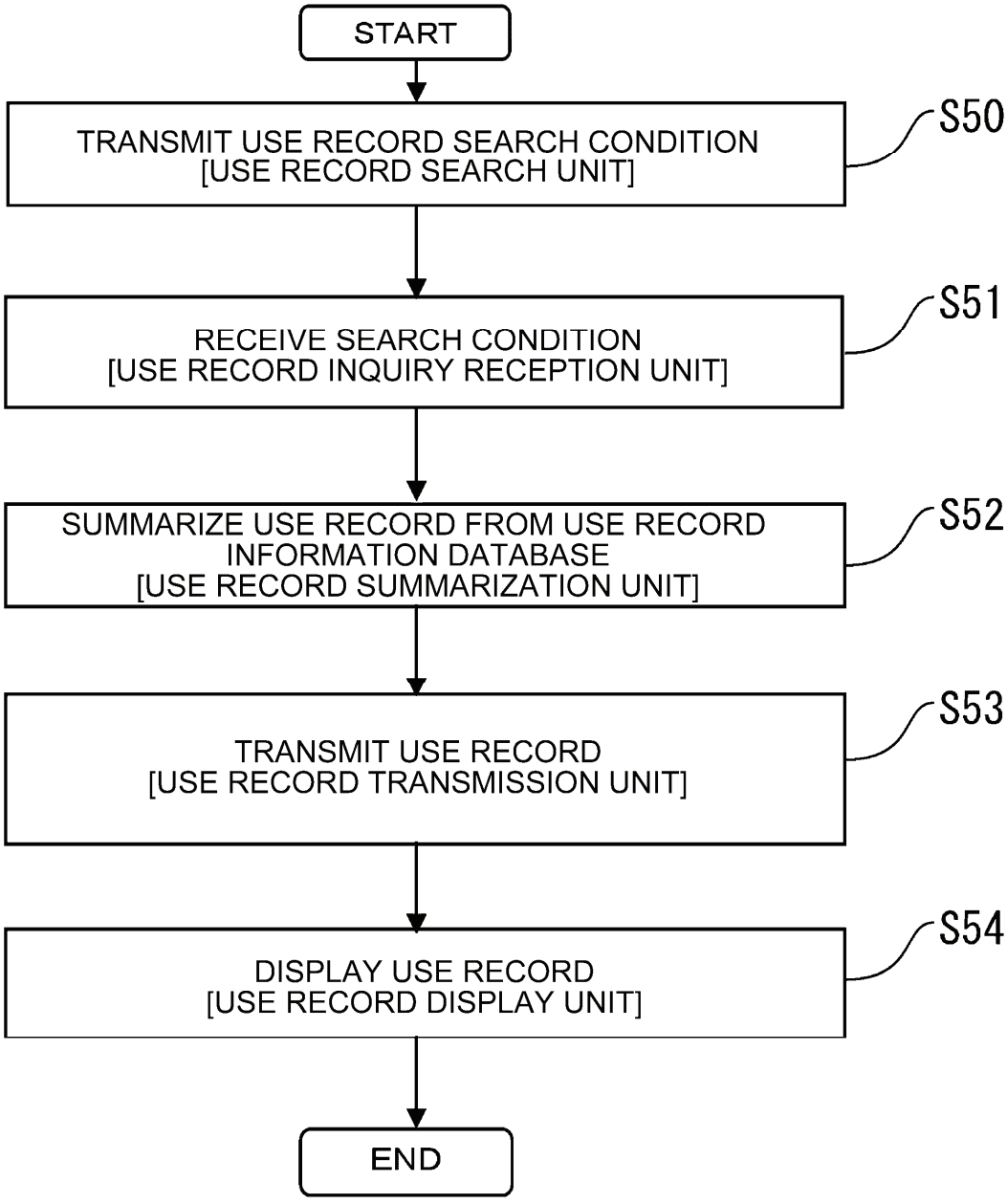

START
TRANSMIT USE RECORD SEARCH CONDITION
[USE RECORD SEARCH UNIT]
S50
RECEIVE SEARCH CONDITION
[USE RECORD INQUIRY RECEPTION UNIT]
S51
SUMMARIZE USE RECORD FROM USE RECORD
INFORMATION DATABASE
[USE RECORD SUMMARIZATION UNIT]
S52
TRANSMIT USE RECORD
[USE RECORD TRANSMISSION UNIT]
S53
DISPLAY USE RECORD
[USE RECORD DISPLAY UNIT]
S54
END

FIG. 18

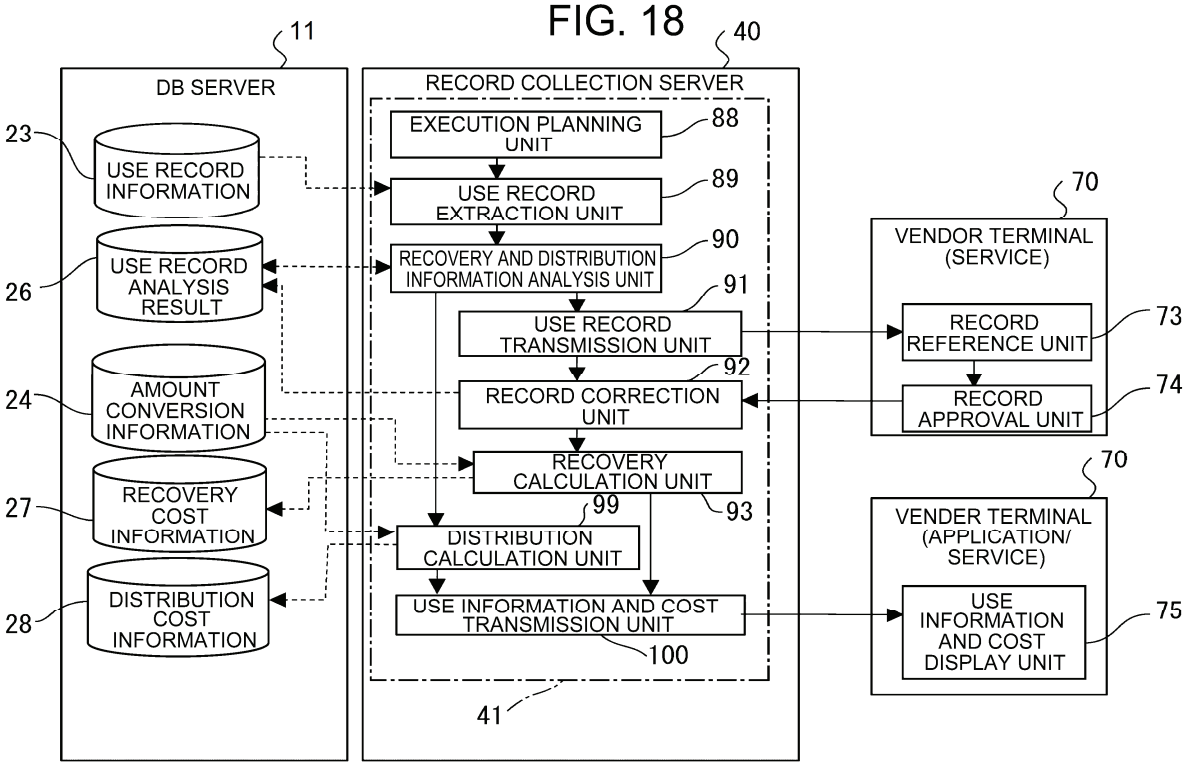

11
DB SERVER
23
USE RECORD INFORMATION
26
USE RECORD ANALYSIS RESULT
24
AMOUNT CONVERSION INFORMATION
27
RECOVERY COST INFORMATION
28
DISTRIBUTION COST INFORMATION
40
RECORD COLLECTION SERVER
EXECUTION PLANNING UNIT
88
USE RECORD EXTRACTION UNIT
89
RECOVERY AND DISTRIBUTION INFORMATION ANALYSIS UNIT
90
USE RECORD TRANSMISSION UNIT
91
RECORD CORRECTION UNIT
92
RECOVERY CALCULATION UNIT
93
DISTRIBUTION CALCULATION UNIT
99
USE INFORMATION AND COST TRANSMISSION UNIT
100
41
70
VENDOR TERMINAL (SERVICE)
RECORD REFERENCE UNIT
73
RECORD APPROVAL UNIT
74
70
VENDER TERMINAL (APPLICATION/ SERVICE)
USE INFORMATION AND COST DISPLAY UNIT
75

FIG. 19

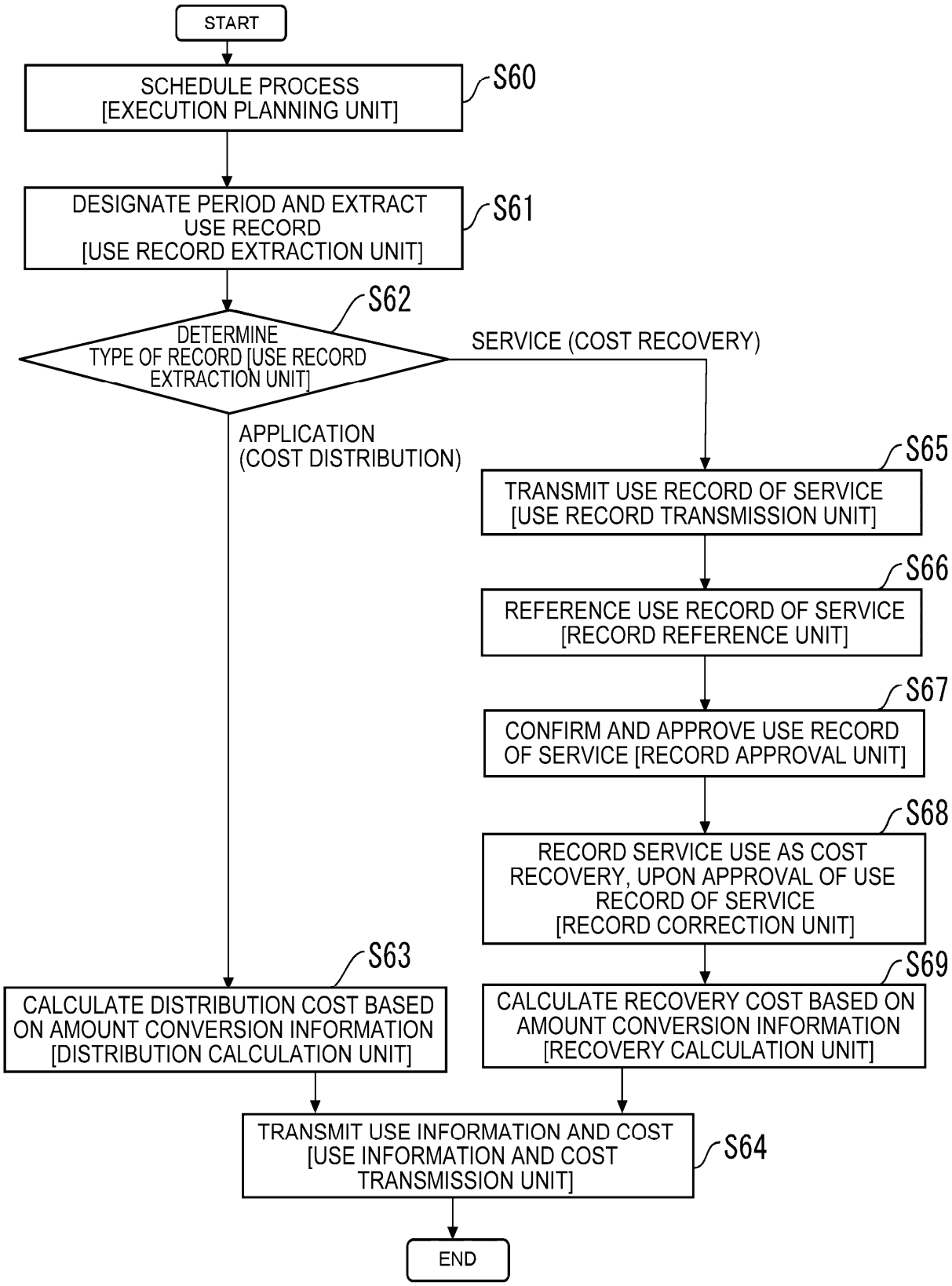

START
SCHEDULE PROCESS [EXECUTION PLANNING UNIT]
S60
DESIGNATE PERIOD AND EXTRACT USE RECORD [USE RECORD EXTRACTION UNIT]
S61
S62
DETERMINE TYPE OF RECORD [USE RECORD EXTRACTION UNIT]
SERVICE (COST RECOVERY)
APPLICATION (COST DISTRIBUTION)
S65
TRANSMIT USE RECORD OF SERVICE [USE RECORD TRANSMISSION UNIT]
S66
REFERENCE USE RECORD OF SERVICE [RECORD REFERENCE UNIT]
S67
CONFIRM AND APPROVE USE RECORD OF SERVICE [RECORD APPROVAL UNIT]
S68
RECORD SERVICE USE AS COST RECOVERY, UPON APPROVAL OF USE RECORD OF SERVICE [RECORD CORRECTION UNIT]
S63
CALCULATE DISTRIBUTION COST BASED ON AMOUNT CONVERSION INFORMATION [DISTRIBUTION CALCULATION UNIT]
S69
CALCULATE RECOVERY COST BASED ON AMOUNT CONVERSION INFORMATION [RECOVERY CALCULATION UNIT]
TRANSMIT USE INFORMATION AND COST [USE INFORMATION AND COST TRANSMISSION UNIT]
S64
END

FIG. 20

60T

ITEM	USE CODE	INFORMATION TYPE	PROCESS TYPE	PAGE NUMBER	SERVICE NUMBER	APP NAME	TERMINA. IDENTIFICATION CODE
1	TEST01	TRAVEL: SHANGHAI	REFERENCE	12	–	APP 1	91001324513
2	TEST01	TRAVEL: SHANGHAI	PAGE CHANGE	14	–	APP 1	91001324513
3	TEST01	TRAVEL: SHANGHAI	REFERENCE	15	–	APP 1	91001324513
4	TEST01	TRAVEL: SHANGHAI	PAGE CHANGE	16	–	APP 1	91001324513
5	TEST02	TRAVEL: BEIJING	REFERENCE	5	–	APP 1	21321301212
6	TEST01	TRAVEL TO SHANGHAI	REFERENCE	–	1500	APP 2	91001324513
7	TEST01	MOVE TO SHANGHAI	REFERENCE	–	3500	APP 2	91001324513
8	TEST01	TRAVEL TO SHANGHAI	TRAVEL RESERVATION	–	1000	APP 2	91001324513
9	TEST01	MOVE TO SHANGHAI	MOVE RESERVATION	–	3000	APP 2	91001324513
10	TEST02	TRAVEL TO BEIJING	REFERENCE	–	1500	APP 2	21321301212
11	TEST01	MAP SEARCH	SEARCH	–	20000	APP 3	91001324513
12	TEST01	GAME	REFERENCE	–	10000	APP 3	91001324513
13	TEST01	TRANSFER GUIDE	SEARCH	–	30000	APP 3	91001324513
14	TEST01	SIGHTSEEING GUIDE	SEARCH	–	40000	APP 3	91001324513
15	TEST02	ROUTE SEARCH	SEARCH	–	50000	APP 3	21321301212

USE TIME	RECORD POINT		START DATE	START TIME	END DATE	END TIME
15:00	30		2013/3/12	10:20:00	2013/3/12	10:20:00
–	1		2013/3/13	10:45:00	2013/3/13	10:45:00
5:15	10		2013/4/14	15:50:00	2013/4/14	15:55:15
–	1		2013/5/15	18:20:00	2013/5/15	18:20:00
4:20	12		2013/6/16	20:22:00	2013/6/16	20:26:20
5:15	20		2013/8/12	10:20:00	2013/8/12	10:25:15
15:00	60		2013/9/1	10:45:00	2013/9/1	11:00:00
4:20	1		2013/10/11	15:50:00	2013/10/11	15:04:20
5:15	1		2013/12/1	18:20:00	2013/12/1	18:25:15
6:21	6		2013/12/15	20:22:00	2013/12/15	20:28:21
1:10	3		2013/4/2	9:20:00	2013/4/2	9:21:10
0:45	4		2013/5/10	11:00:00	2013/5/10	11:00:45
3:20	2		2013/6/10	13:15:00	2013/6/10	13:18:20
0:15	2		2013/6/20	14:20:00	2013/6/20	14:20:15
0:20	2		2013/7/20	18:35:00	2013/7/20	18:35:20

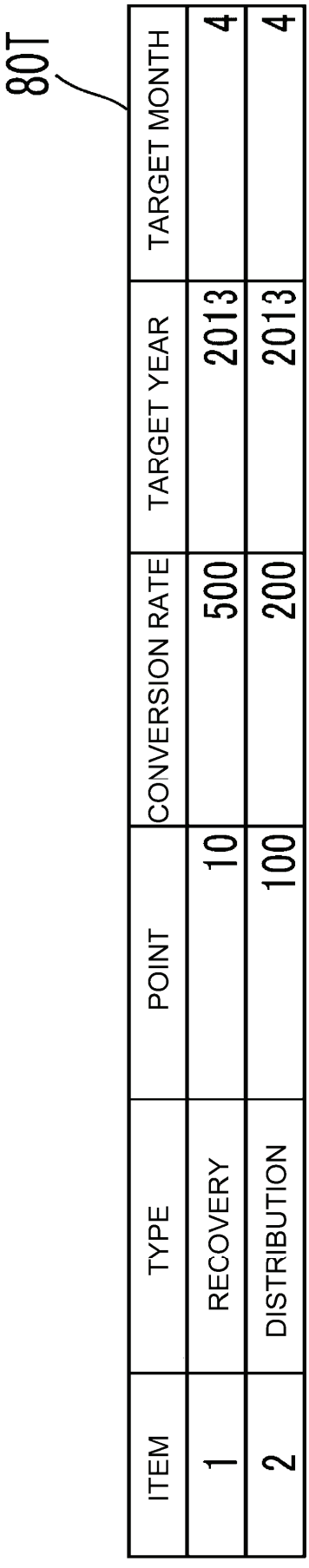
FIG. 21

70T

ITEM	VENDOR	APP	POINT	TARGET YEAR	TARGET MONTH		TYPE
1	VENDOR A	APP 1	500	2013	4		RECOVERY
2	VENDOR A	APP 2	200	2013	4		DISTRIBUTION
3	VENDOR A	APP 3	130	2013	4		DISTRIBUTION
4	VENDOR B	APP 4	5000	2013	4		DISTRIBUTION
5	VENDOR B	APP 5	400	2013	4		RECOVERY
6	VENDOR B	APP 6	20	2013	4		DISTRIBUTION
7	VENDOR C	APP 7	300	2013	4		DISTRIBUTION
8	VENDOR C	APP 8	900	2013	4		RECOVERY
9	VENDOR C	APP 9	30	2013	4		RECOVERY

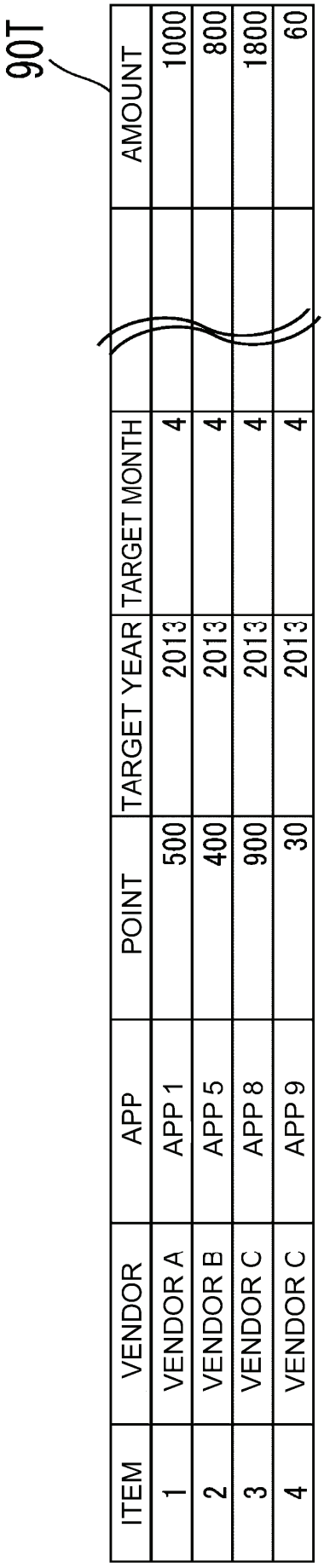
RECOVERY APPROVAL	RECOVERY APPROVAL DATE	RECOVERY APPROVAL TIME	DISTRIBUTION RATE		UPDATE DATE	UPDATE TIME
OK	2013/3/12	10:20:00	–		2013/3/12	10:20:00
–	–	–	3.5		2013/3/13	10:45:00
–	–	–	2.3		2013/4/14	15:50:00
–	–	–	88.4		2013/5/15	18:20:00
OK	2013/6/16	20:22:00	–		2013/6/16	20:22:00
–	–	–	0.4		2013/8/12	10:20:00
–	–	–	5.3		2013/9/1	10:45:00
OK	2013/10/11	15:50:00	–		2013/10/11	15:50:00
OK	2013/12/1	18:20:00	–		2013/12/1	18:20:00

FIG. 22



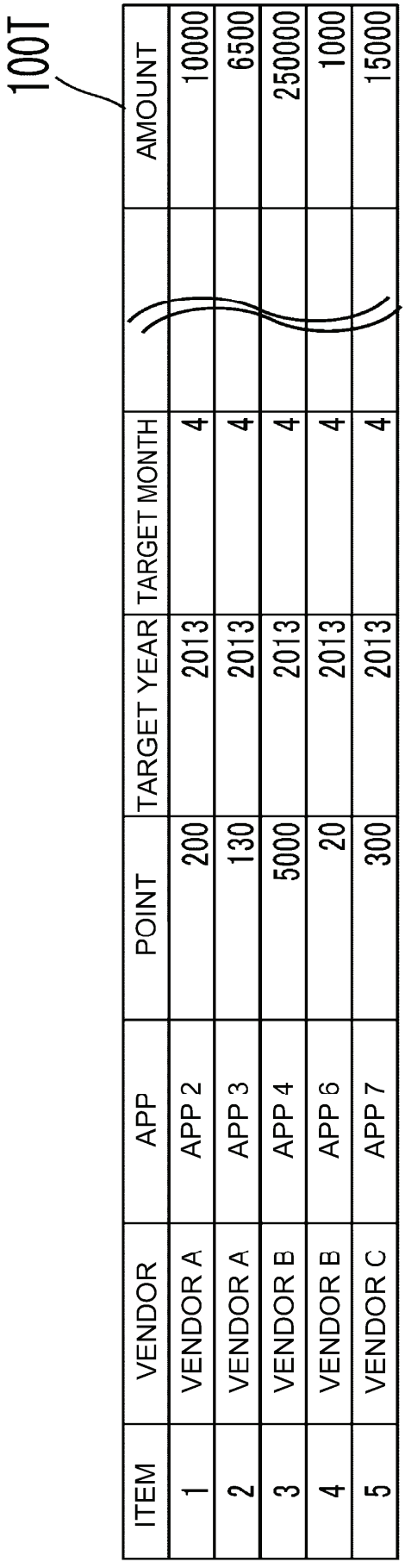
ITEM	TYPE	POINT	CONVERSION RATE	TARGET YEAR	TARGET MONTH
1	RECOVERY	10	500	2013	4
2	DISTRIBUTION	100	200	2013	4

FIG. 23



ITEM	VENDOR	APP	POINT	TARGET YEAR	TARGET MONTH		AMOUNT
1	VENDOR A	APP 1	500	2013	4		1000
2	VENDOR B	APP 5	400	2013	4		800
3	VENDOR C	APP 8	900	2013	4		1800
4	VENDOR C	APP 9	30	2013	4		60

FIG. 24



ITEM	VENDOR	APP	POINT	TARGET YEAR	TARGET MONTH		AMOUNT
1	VENDOR A	APP 2	200	2013	4		10000
2	VENDOR A	APP 3	130	2013	4		6500
3	VENDOR B	APP 4	5000	2013	4		250000
4	VENDOR B	APP 6	20	2013	4		1000
5	VENDOR C	APP 7	300	2013	4		15000

FIG. 25

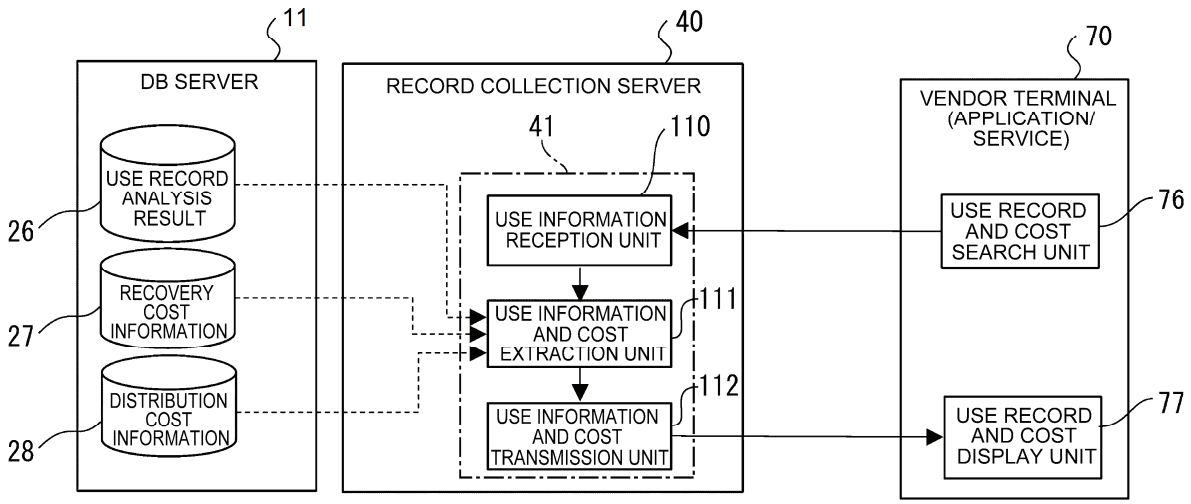
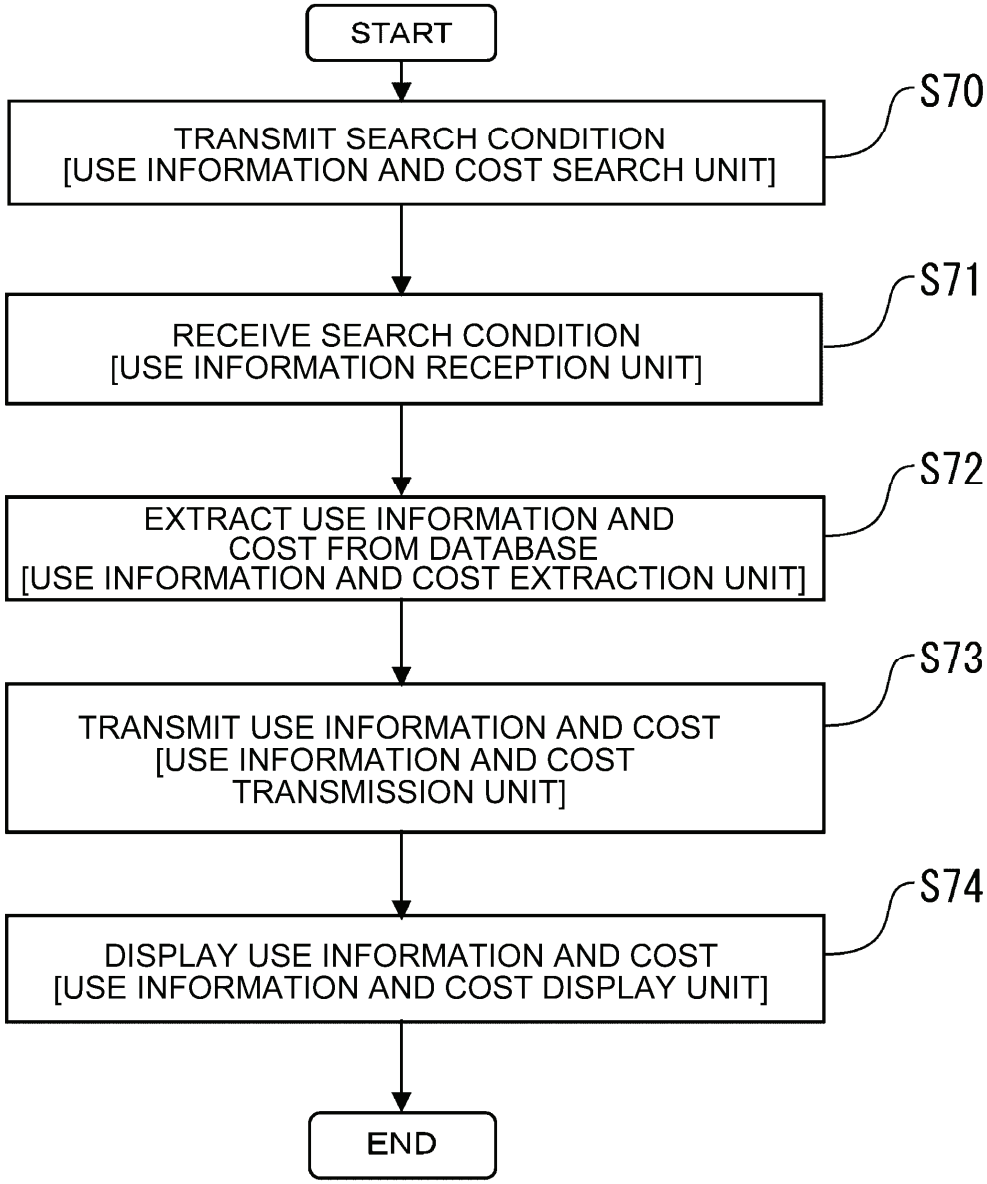

11
DB SERVER
USE RECORD ANALYSIS RESULT
26
RECOVERY COST INFORMATION
27
DISTRIBUTION COST INFORMATION
28
40
RECORD COLLECTION SERVER
41
110
USE INFORMATION RECEPTION UNIT
111
USE INFORMATION AND COST EXTRACTION UNIT
112
USE INFORMATION AND COST TRANSMISSION UNIT
70
VENDOR TERMINAL (APPLICATION/ SERVICE)
USE RECORD AND COST SEARCH UNIT
76
USE RECORD AND COST DISPLAY UNIT
77

FIG. 26


START
TRANSMIT SEARCH CONDITION
[USE INFORMATION AND COST SEARCH UNIT]
S70
RECEIVE SEARCH CONDITION
[USE INFORMATION RECEPTION UNIT]
S71
EXTRACT USE INFORMATION AND
COST FROM DATABASE
[USE INFORMATION AND COST EXTRACTION UNIT]
S72
TRANSMIT USE INFORMATION AND COST
[USE INFORMATION AND COST
TRANSMISSION UNIT]
S73
DISPLAY USE INFORMATION AND COST
[USE INFORMATION AND COST DISPLAY UNIT]
S74
END