FIG. 1

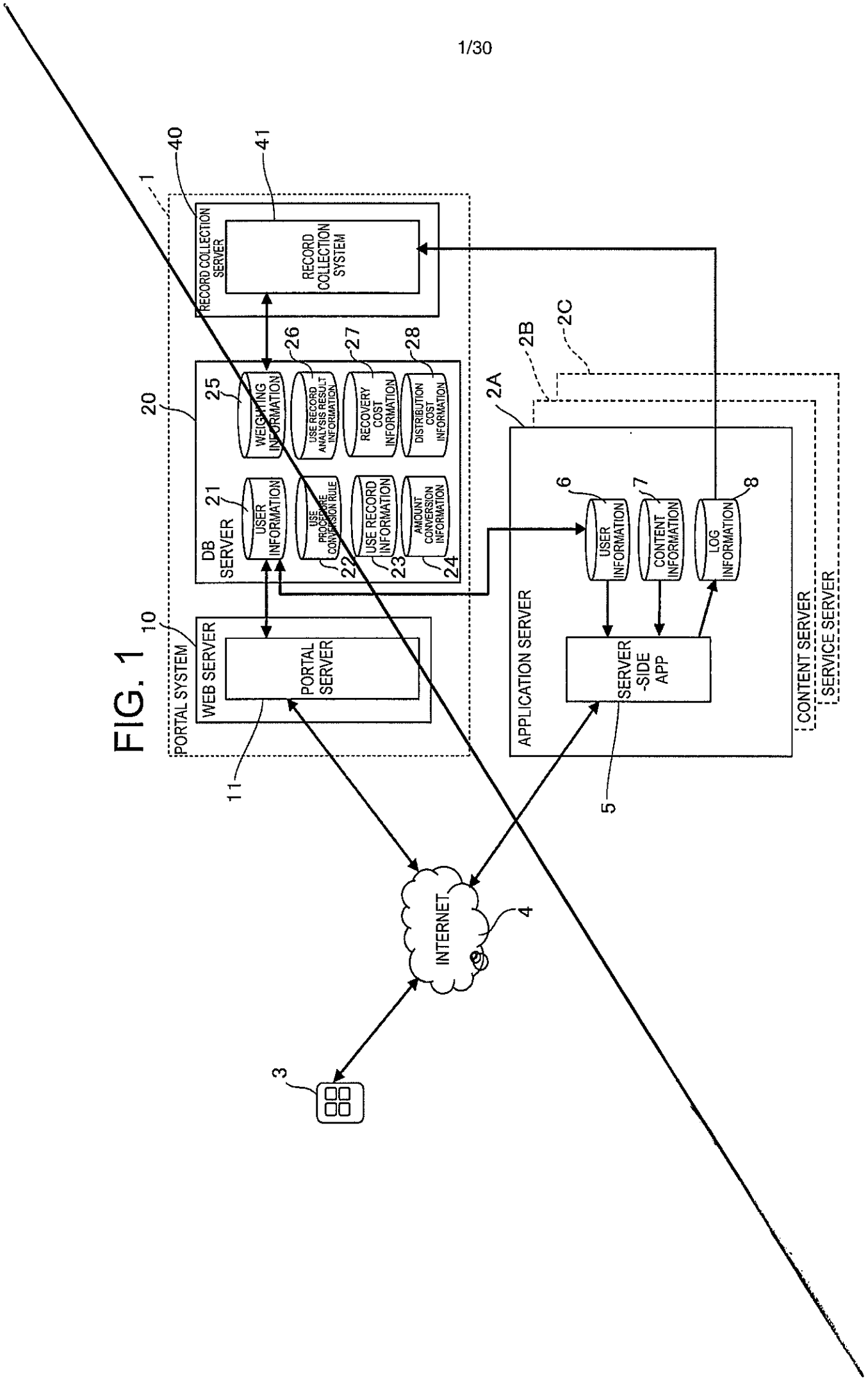

1
40
41
RECORD COLLECTION SERVER
RECORD COLLECTION SYSTEM
20
25
26
27
28
WEIGHTING INFORMATION
USE RECORD ANALYSIS RESULT INFORMATION
RECOVERY COST INFORMATION
DISTRIBUTION COST INFORMATION
DB SERVER
21
22
23
24
USER INFORMATION
USE PROCEDURE CONVERSION RULE
USE RECORD INFORMATION
AMOUNT CONVERSION INFORMATION
PORTAL SYSTEM
10
WEB SERVER
PORTAL SERVER
11
2A
2B
2C
APPLICATION SERVER
6
7
8
USER INFORMATION
CONTENT INFORMATION
LOG INFORMATION
SERVER -SIDE APP
5
CONTENT SERVER
SERVICE SERVER
INTERNET
4
3

FIG. 3

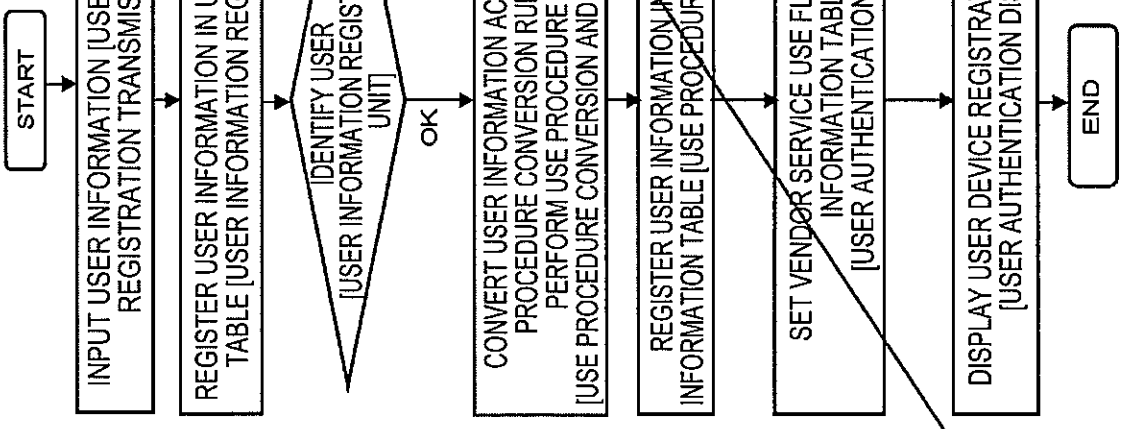

START
S1
INPUT USER INFORMATION [USER INFORMATION REGISTRATION TRANSMISSION UNIT]
S2
REGISTER USER INFORMATION IN USER INFORMATION TABLE [USER INFORMATION REGISTRATION UNIT]
S3
DETERMINE CONTRACT POSSIBILITY FOR USER
(1) BELONGING STATE OF CORPORATE MEMBER (REFERENCE TO CORPORATE CONTRACT INFORMATION)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

FIG. 18

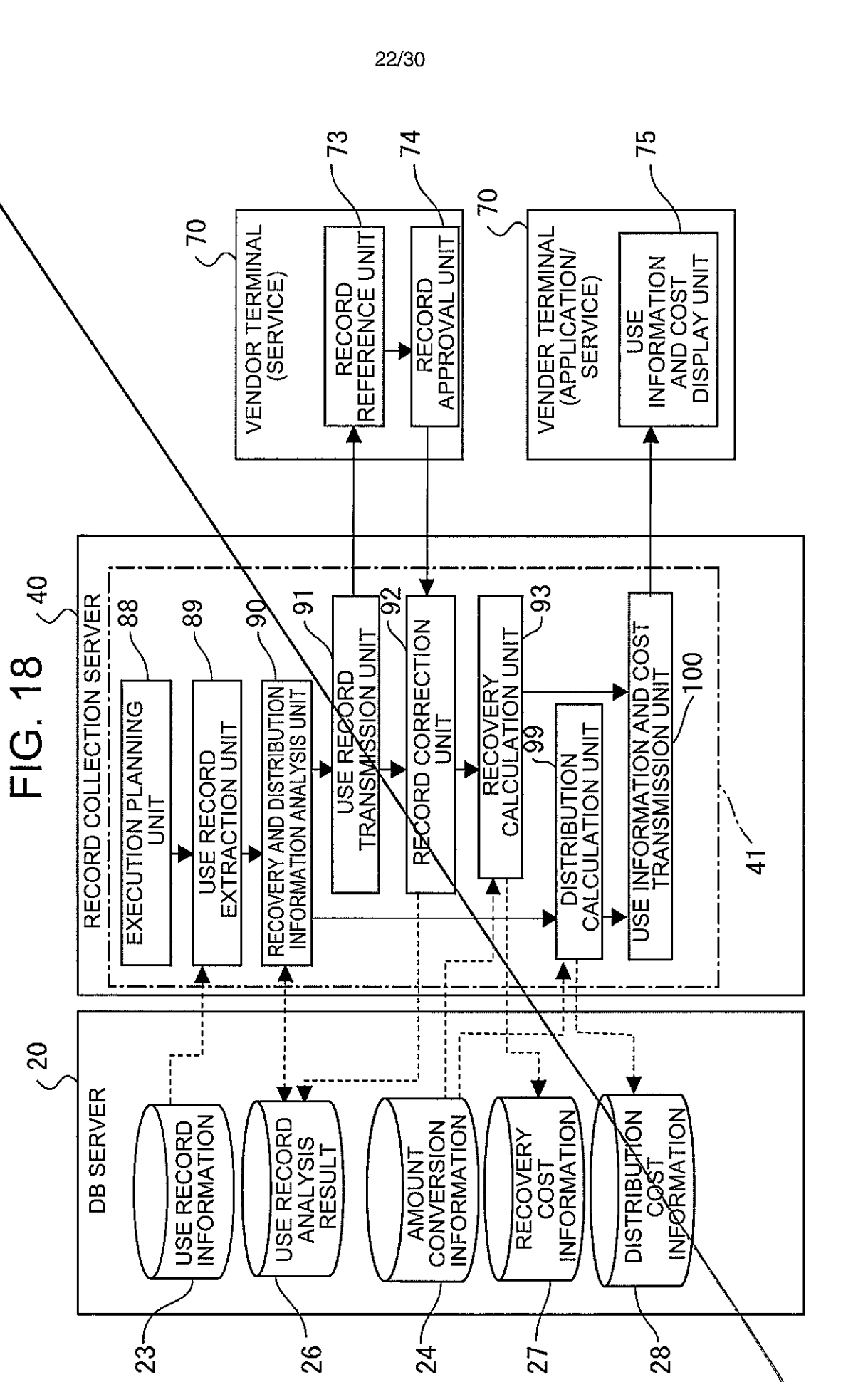

VENDOR TERMINAL (SERVICE)
70
RECORD REFERENCE UNIT
73
RECORD APPROVAL UNIT
74
VENDER TERMINAL (APPLICATION/ SERVICE)
70
USE INFORMATION AND COST DISPLAY UNIT
75
RECORD COLLECTION SERVER
40
EXECUTION PLANNING UNIT
88
USE RECORD EXTRACTION UNIT
89
RECOVERY AND DISTRIBUTION INFORMATION ANALYSIS UNIT
90
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
DB SERVER
20
USE RECORD INFORMATION
23
USE RECORD ANALYSIS RESULT
26
AMOUNT CONVERSION INFORMATION
24
RECOVERY COST INFORMATION
27
DISTRIBUTION COST INFORMATION
28

FIG. 25

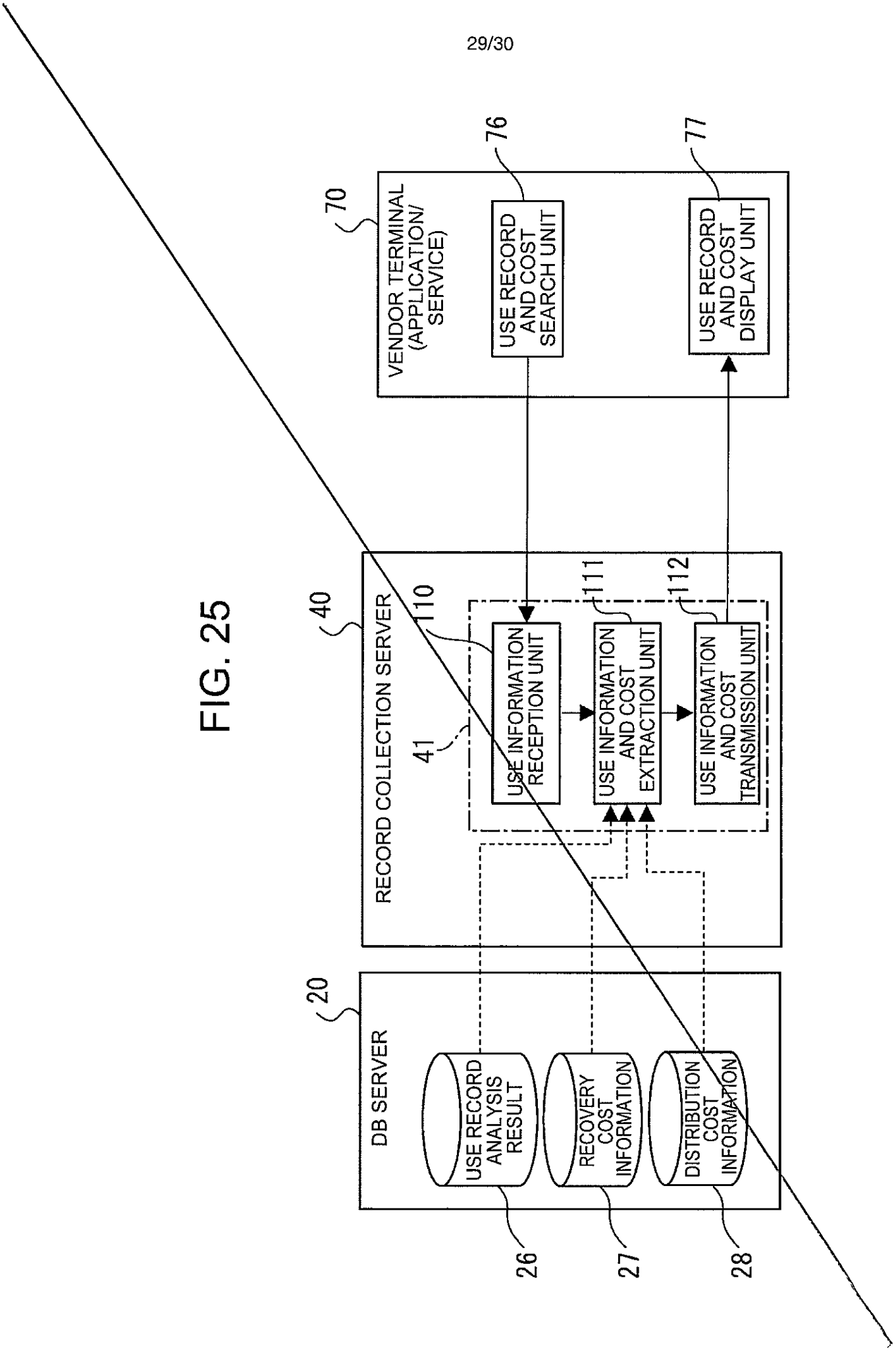

70
VENDOR TERMINAL (APPLICATION/ SERVICE)
76
USE RECORD AND COST SEARCH UNIT
77
USE RECORD AND COST DISPLAY UNIT
40
RECORD COLLECTION SERVER
110
USE INFORMATION RECEPTION UNIT
111
USE INFORMATION AND COST EXTRACTION UNIT
112
USE INFORMATION AND COST TRANSMISSION UNIT
41
20
DB SERVER
USE RECORD ANALYSIS RESULT
RECOVERY COST INFORMATION
DISTRIBUTION COST INFORMATION
26
27
28

FIG. 1

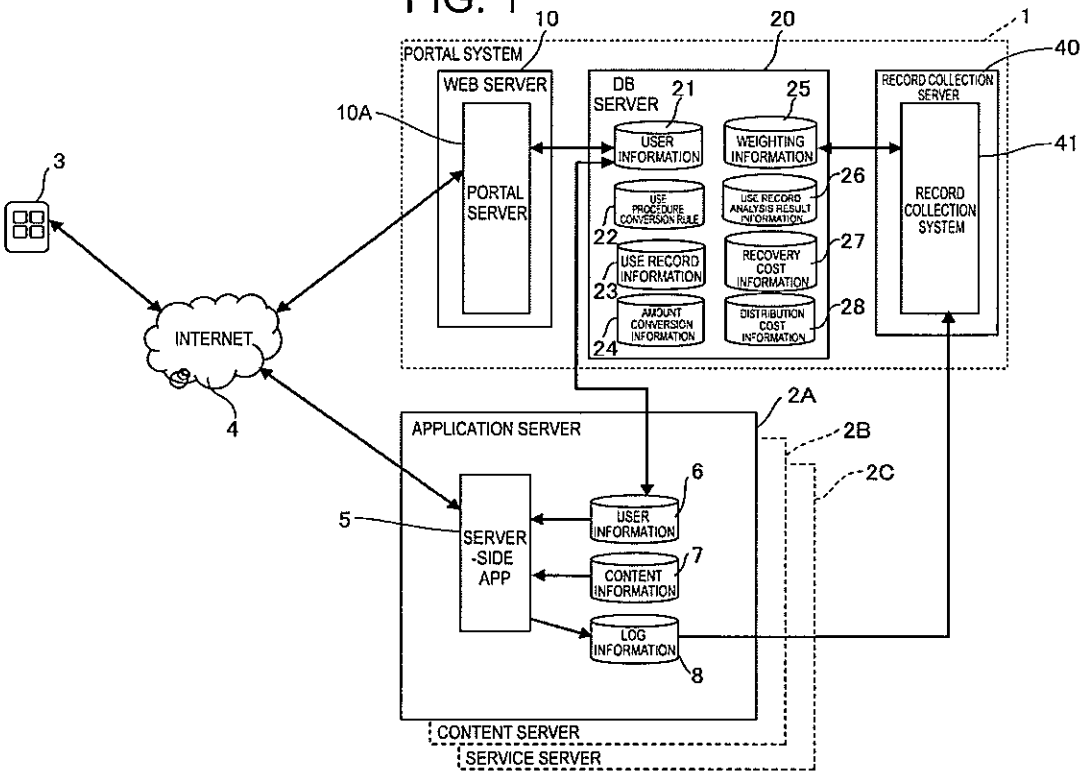

PORTAL SYSTEM
10
WEB SERVER
10A
PORTAL SERVER
DB SERVER
20
21
USER INFORMATION
22
USE PROCEDURE CONVERSION RULE
23
USE RECORD INFORMATION
24
AMOUNT CONVERSION INFORMATION
25
WEIGHTING INFORMATION
26
USE RECORD ANALYSIS RESULT INFORMATION
27
RECOVERY COST INFORMATION
28
DISTRIBUTION COST INFORMATION
RECORD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

FIG. 3

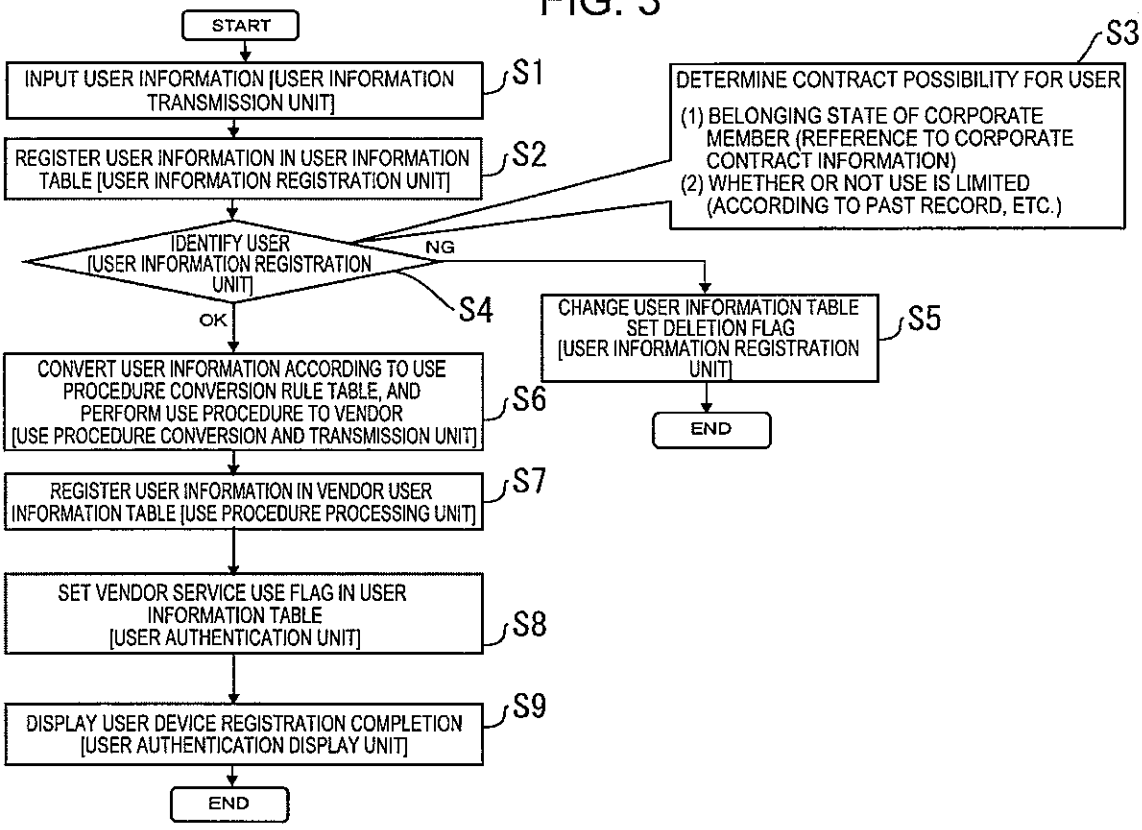

START
INPUT USER INFORMATION [USER INFORMATION TRANSMISSION UNIT]
S1
REGISTER USER INFORMATION IN USER INFORMATION TABLE [USER INFORMATION REGISTRATION UNIT]
S2
IDENTIFY USER [USER INFORMATION REGISTRATION UNIT]
S4
NG
OK
DETERMINE CONTRACT POSSIBILITY FOR USER
(1) BELONGING STATE OF CORPORATE MEMBER (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. 18

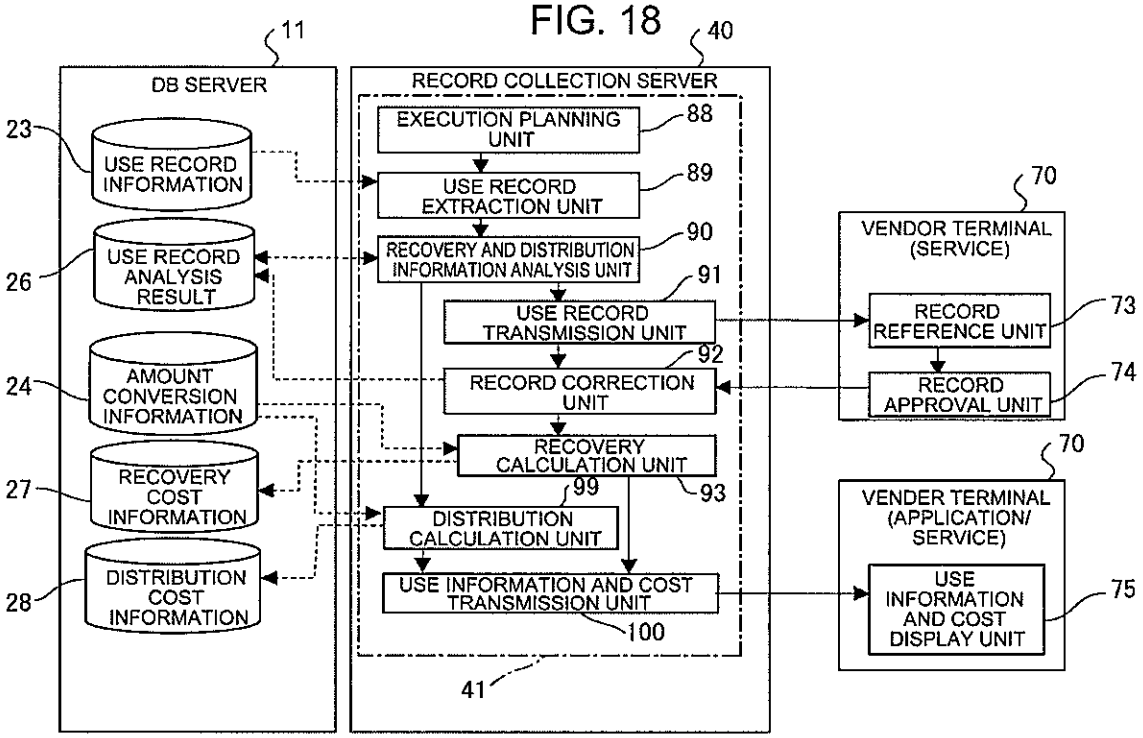
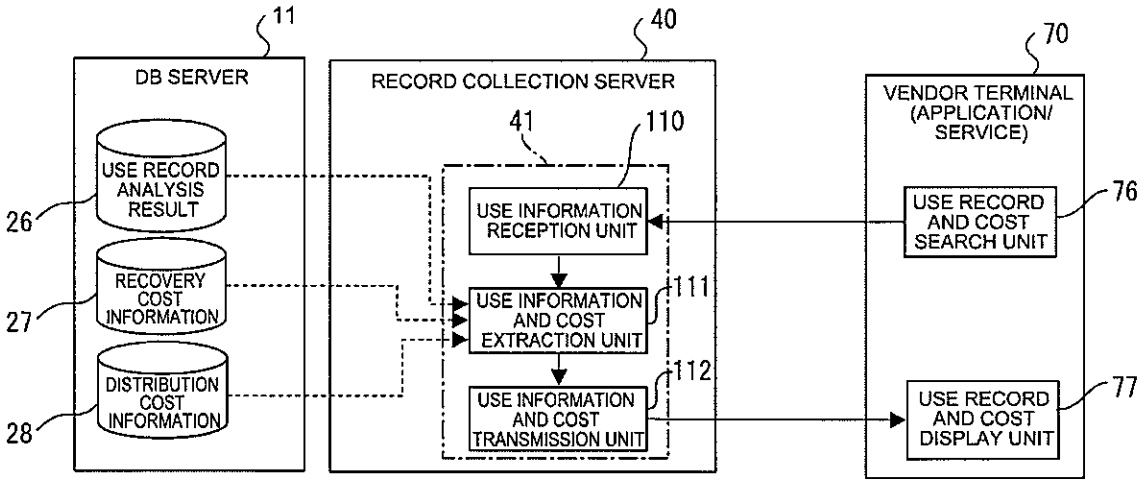

11
DB SERVER
23
USE RECORD INFORMATION
26
USE RECORD ANALYSIS RESULT
24
AMOUNT CONVERSION INFORMATION
27
RECOVERY COST INFORMATION
28
DISTRIBUTION COST INFORMATION
40
RECORD COLLECTION SERVER
EXECUTION PLANNING UNIT
88
USE RECORD EXTRACTION UNIT
89
RECOVERY AND DISTRIBUTION INFORMATION ANALYSIS UNIT
90
USE RECORD TRANSMISSION UNIT
91
RECORD CORRECTION UNIT
92
RECOVERY CALCULATION UNIT
93
99
DISTRIBUTION CALCULATION UNIT
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. 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