FIG. 1

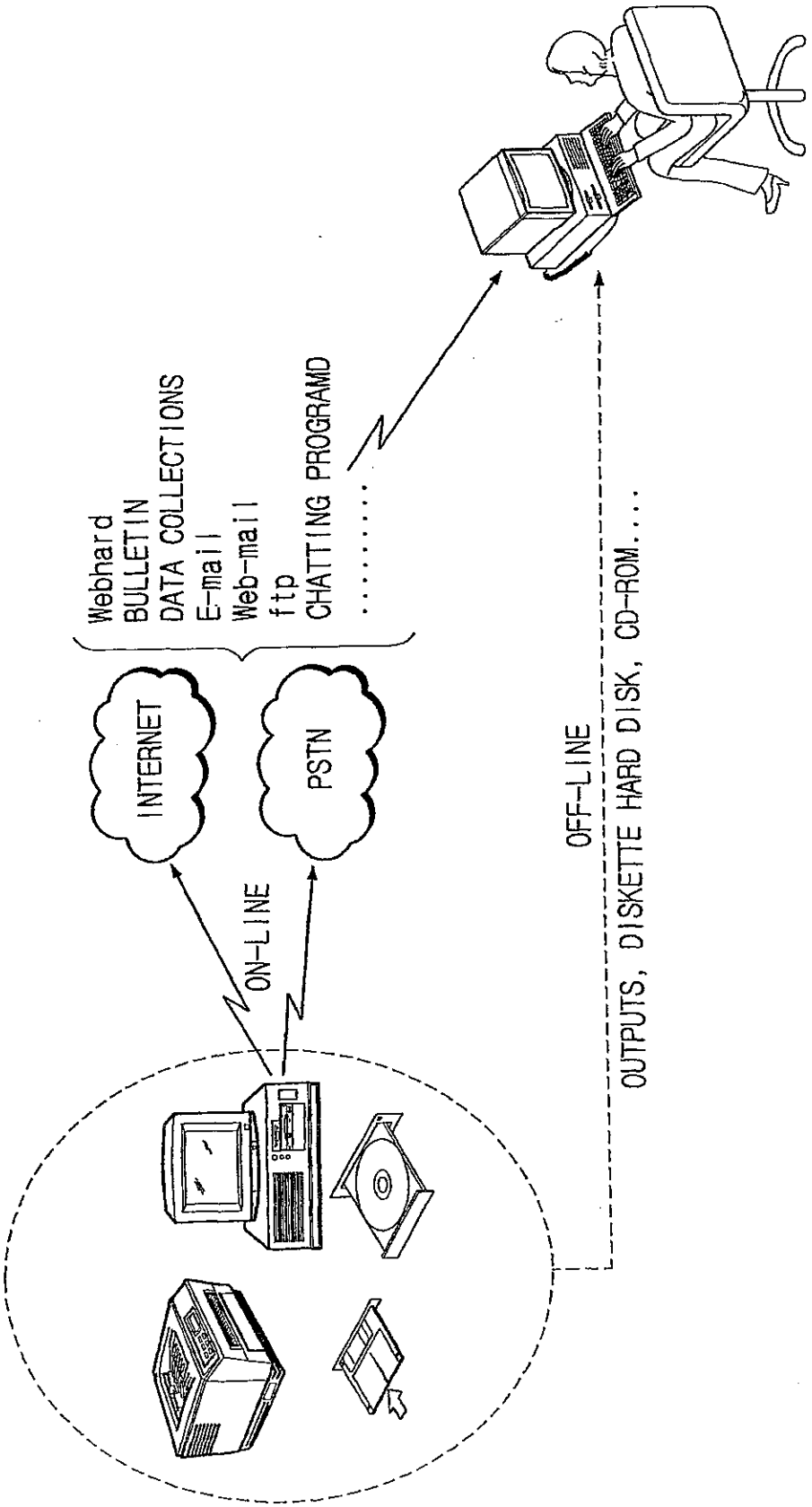

Webhard
BULLETIN
DATA COLLECTIONS
E-mail
Web-mail
ftp
CHATTING PROGRAMD
.....
INTERNET
PSTN
ON-LINE
OFF-LINE
OUTPUTS, DISKETTE HARD DISK, CD-ROM....

FIG. 2

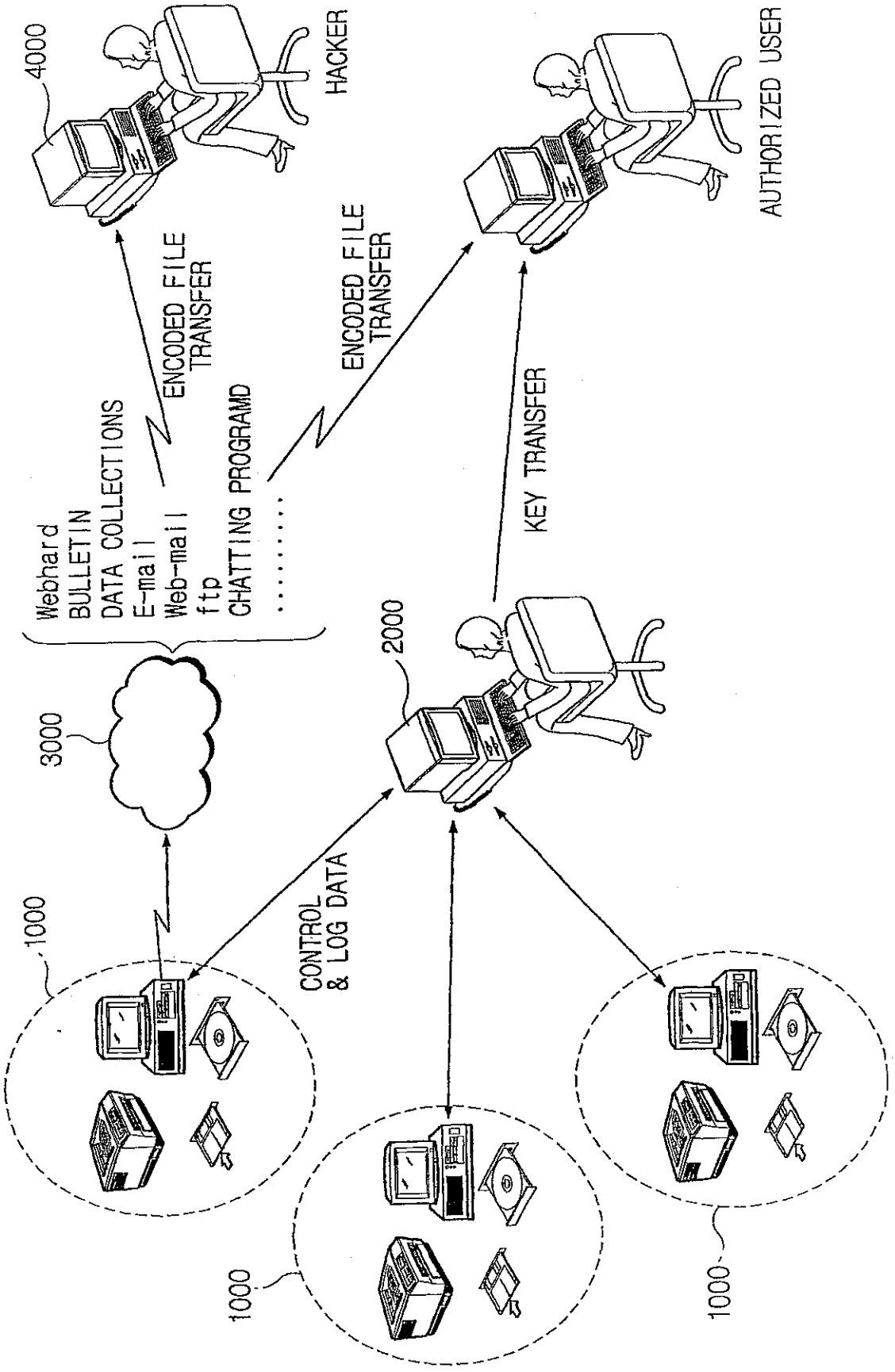

4000
HACKER
AUTHORIZED USER
ENCODED FILE TRANSFER
ENCODED FILE TRANSFER
KEY TRANSFER
Webhard
BULLETIN
DATA COLLECTIONS
E-mail
Web-mail
ftp
CHATTING PROGRAMD
.....
3000
2000
1000
CONTROL & LOG DATA
1000
1000

FIG. 3

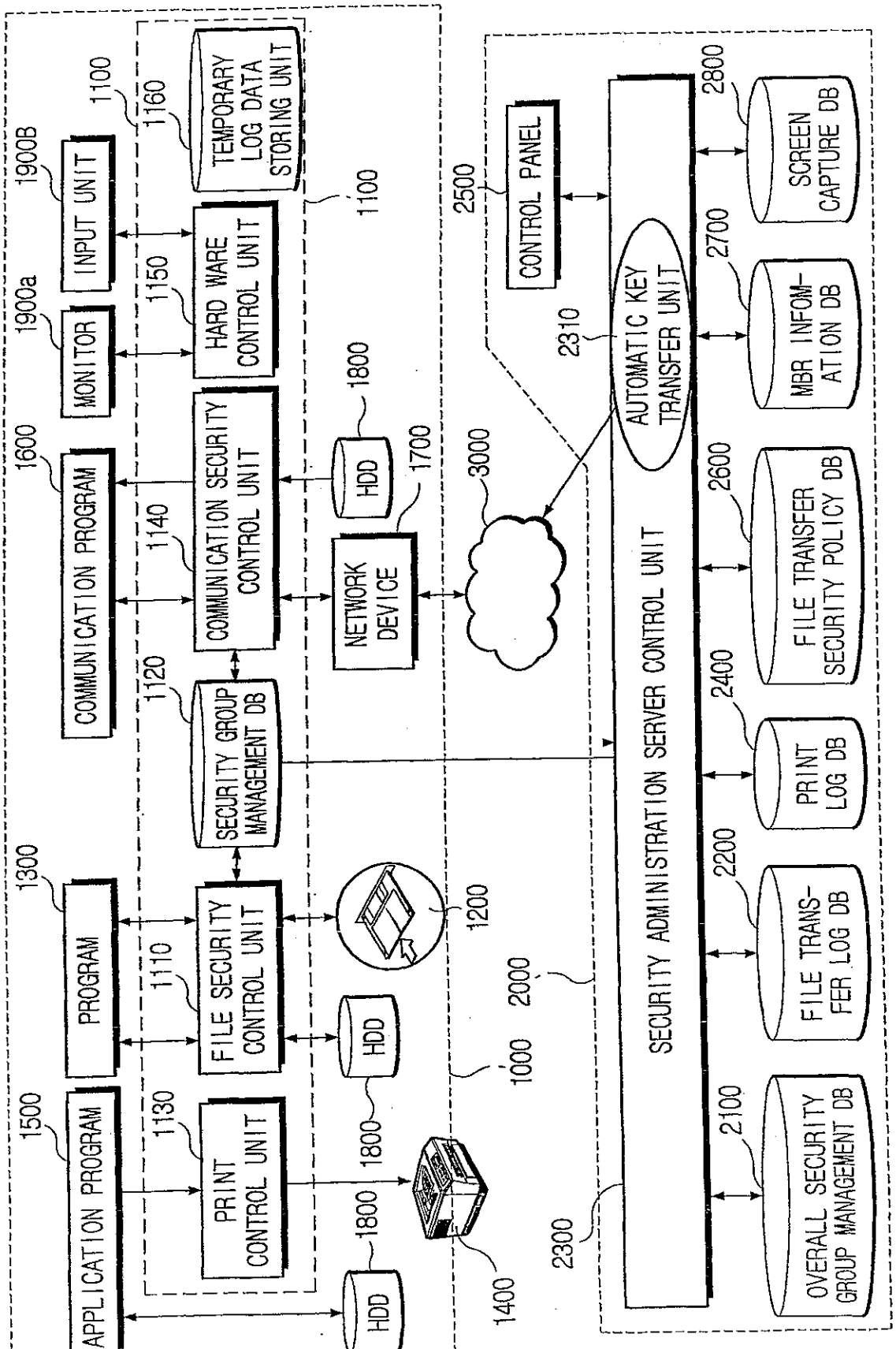

APPLICATION PROGRAM
1500
PROGRAM
1300
PRINT CONTROL UNIT
1130
FILE SECURITY CONTROL UNIT
1110
HDD
1800
HDD
1800
HDD
1800
1000
2000
1200
1400
SECURITY GROUP MANAGEMENT DB
1120
COMMUNICATION PROGRAM
1600
COMMUNICATION SECURITY CONTROL UNIT
1140
NETWORK DEVICE
1700
3000
MONITOR
1900a
INPUT UNIT
1900B
1100
HARD WARE CONTROL UNIT
1150
TEMPORARY LOG DATA STORING UNIT
1160
1100
CONTROL PANEL
2500
AUTOMATIC KEY TRANSFER UNIT
2310
SECURITY ADMINISTRATION SERVER CONTROL UNIT
2300
OVERALL SECURITY GROUP MANAGEMENT DB
2100
FILE TRANS-FER LOG DB
2200
PRINT LOG DB
2400
FILE TRANSFER SECURITY POLICY DB
2600
MBR INFOM-ATION DB
2700
SCREEN CAPTURE DB
2800

FIG. 4A

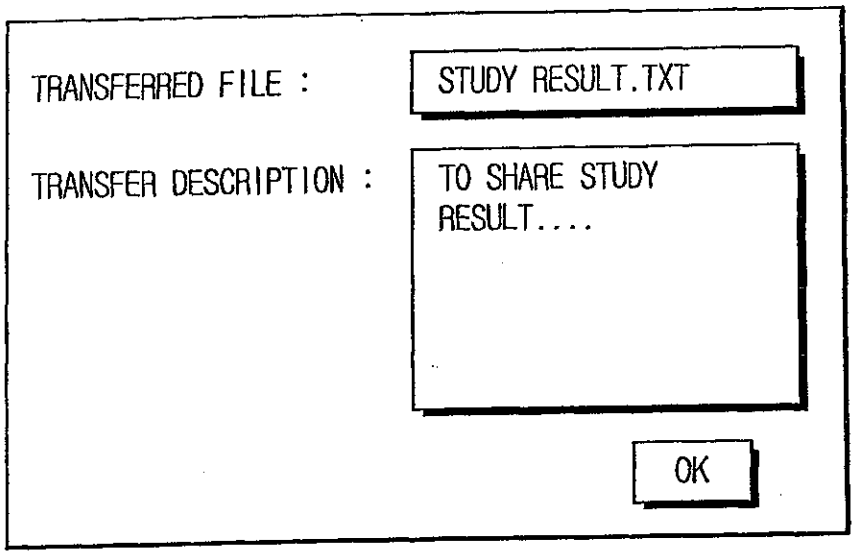


FIG. 4B

OFF-LINE FILE TRANSFER LOG DB

TRANSFERRED FILE	TRANSFER DESCRIPTION
STUDY RESULT.TXT	TO SHARE STUDY RESULT....

FIG. 5A

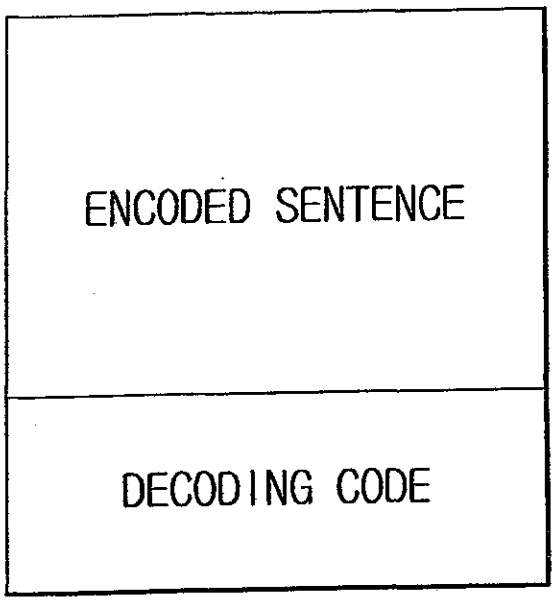

ENCODED SENTENCE
DECODING CODE

FIG.5B

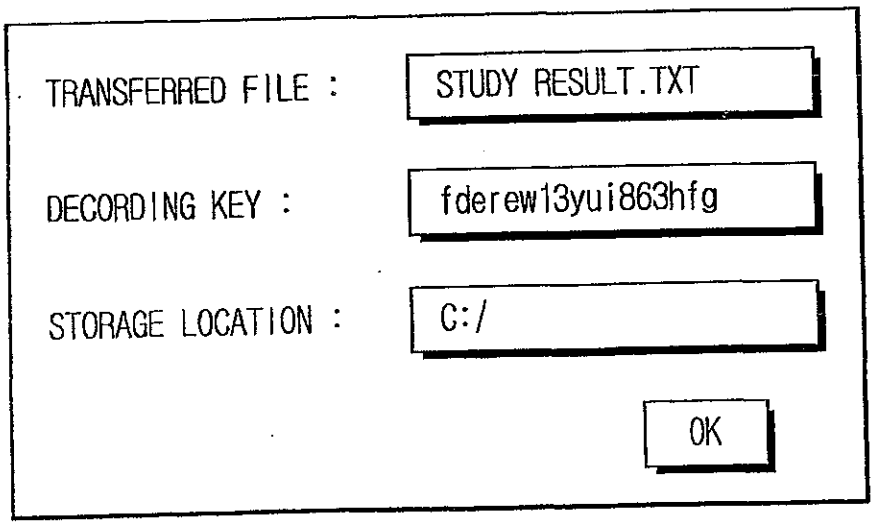

TRANSFERRED FILE :
STUDY RESULT.TXT
DECORDING KEY :
fderew13yui863hfg
STORAGE LOCATION :
C:/
OK

FIG. 6A

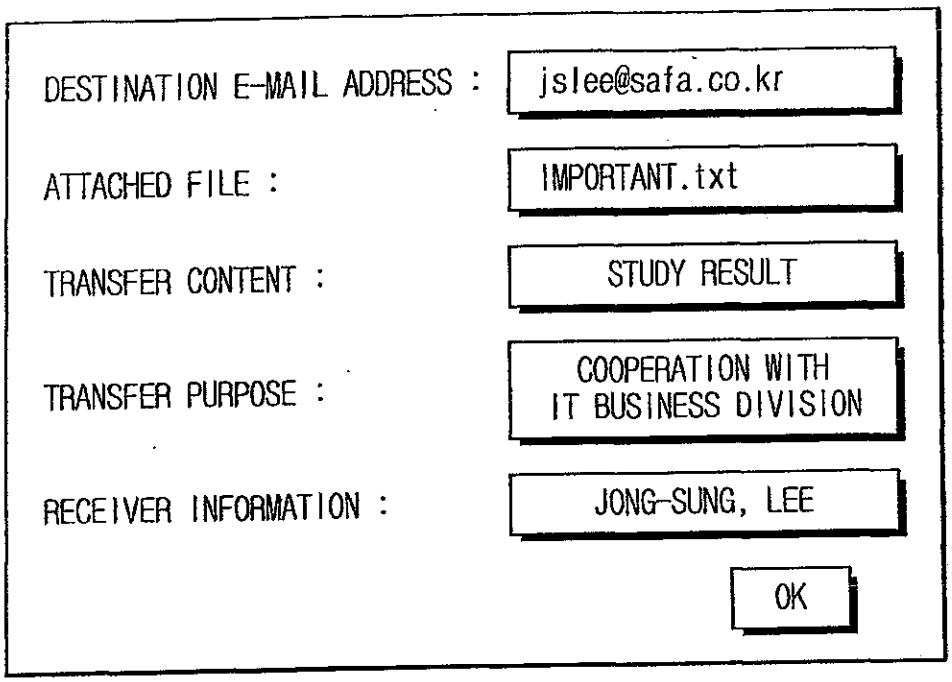


FIG. 6B

ON-LINE FILE TRANSFER LOG DB

DESTINATION	FILE	CONTENT	PURPOSE	RECEIVER

FIG. 7

SECURITY LEVEL	SMTP	Web-Mail
RELIABLE LEVEL	MAIL TRANSFER	AUTOMATIC KEY TRANSFER / LOG DATA NOT CREATED
NON-RELIABLE LEVEL	LOG DATA CREATED / MAIL TRANSFER INTERRUPTED	LOG DATA CREATED / KEY NOT TRANSFERRED
COOPERATIVE LEVEL	LOG DATA CREATE / MAIL TRANSFER	AUTOMATIC KEY TRANSFER / LOG DATA CREATED

FIG. 8A

SECURITY GROUP MANAGEMENT DB FOR COMPUTERS A,B AND C

COMPUTER	IP	FILE ENCORDING KEY
A	123.123.123.2	12345678y
B	123.123.123.3	2345fgd56
C	123.123.123.4	fdgdgdg45

FIG. 8b

SECURITY GROUP MANAGEMENT DB FOR COMPUTERS D AND E

COMPUTER	IP	FILE ENCORDING KEY
D	123.123.123.5	gh523ewra
E	123.123.123.6	sesef43vvvj

FIG. 8C

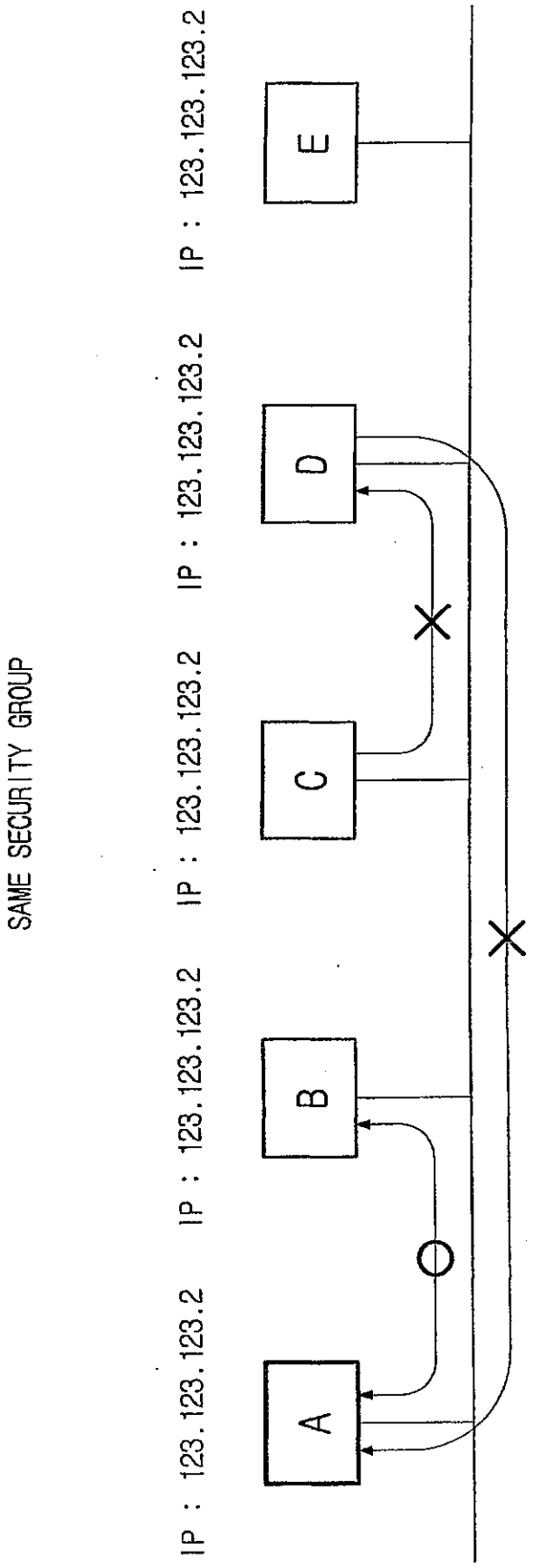

SAME SECURITY GROUP
IP : 123.123.123.2
IP : 123.123.123.2
IP : 123.123.123.2
IP : 123.123.123.2
IP : 123.123.123.2
A
B
C
D
E

FIG. 9

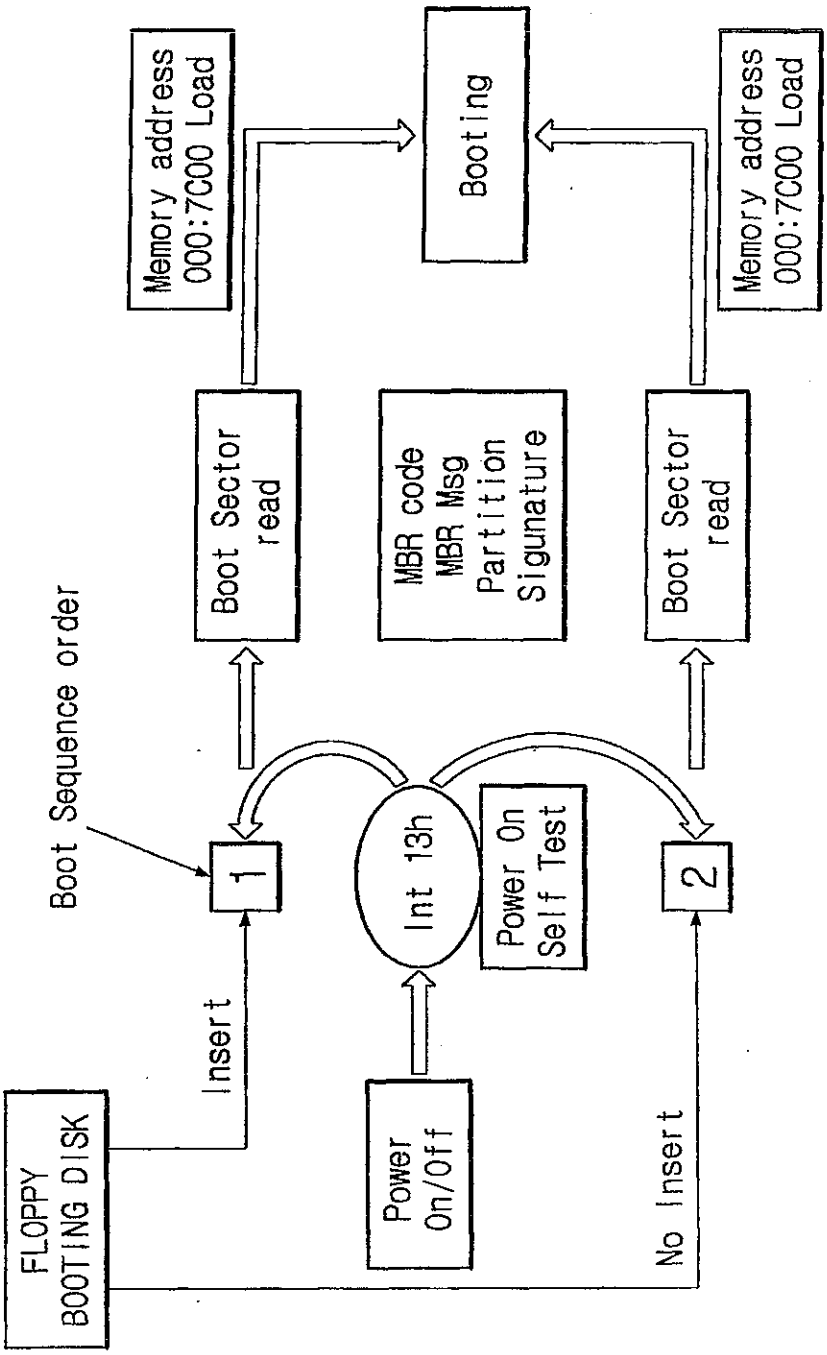

Memory address 000:7C00 Load
Booting
Memory address 000:7C00 Load
Boot Sector read
MBR code MBR Msg Partition Signature
Boot Sector read
Boot Sequence order
1
Int 13h
Power On Self Test
2
Insert
Power On/Off
No Insert
FLOPPY BOOTING DISK

FIG. 10A

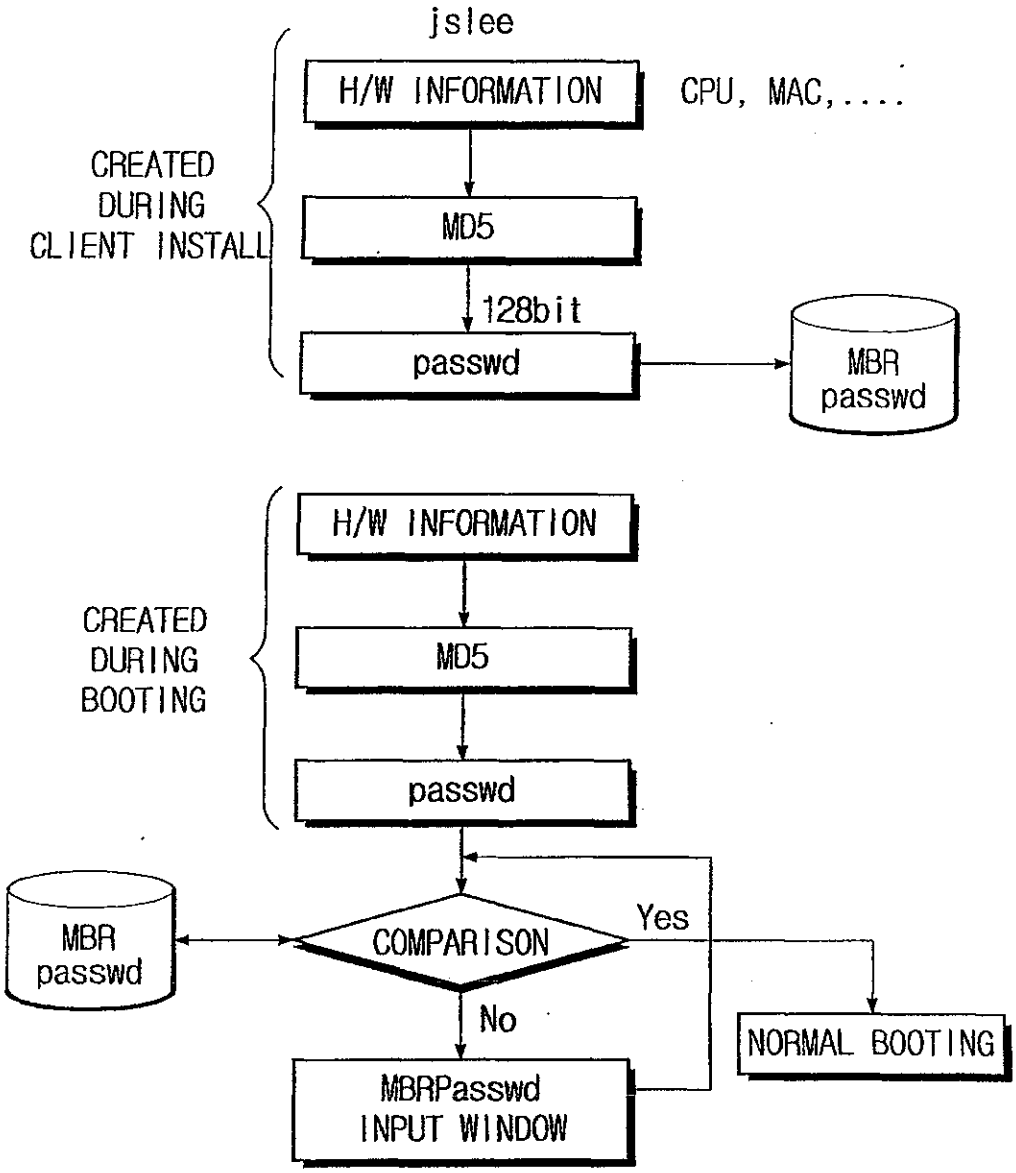
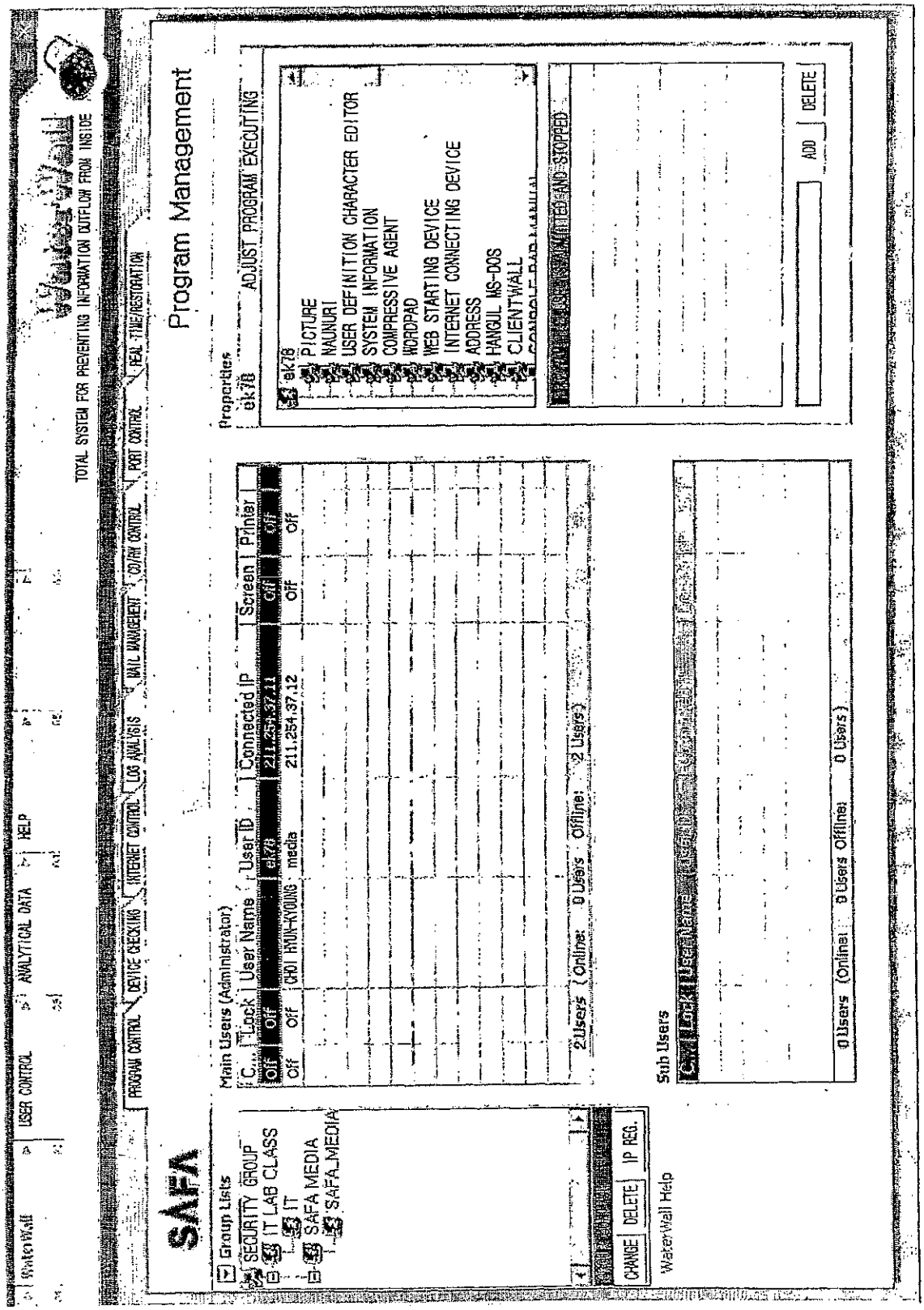


FIG. 10B

MRB INFORMATION DB

COMPUTER ID	MBRPasswd
jslee	128bit

FIG. 11


WaterWall
USER CONTROL
ANALYTICAL DATA
HELP
TOTAL SYSTEM FOR PREVENTING INFORMATION OUTFLOW FROM INSIDE
PROGRAM CONTROL
DEVICE CHECKING
INTERNET CONTROL
LOG ANALYSIS
MAIL MANAGEMENT
CD/FDD CONTROL
PORT CONTROL
REAL-TIME/RESTORATION
SAFA
Program Management
Group Lists
SECURITY GROUP
IT LAB CLASS
IT
SAFA MEDIA
SAFA_MEDIA
CHANGE
DELETE
IP REG.
Main Users (Administrator)
C...
Lock
User Name
User ID
Connected IP
Screen
Printer
Off
Off
CHOI HYUN-KYOUNG
media
211.254.37.11
211.254.37.12
2 Users (Online)
0 Users Offline)
2 Users)
Sub Users
Lock
User Name
0 Users (Online)
0 Users Offline)
0 Users)
Properties
ek7B
ADJUST PROGRAM EXECUTING
ek7B
PICTURE
NAUNURI
USER DEFINITION CHARACTER EDITOR
SYSTEM INFORMATION
COMPRESSIVE AGENT
WORDPAD
WEB STARTING DEVICE
INTERNET CONNECTING DEVICE
ADDRESS
HANGUL MS-DOS
CLIENTWALL
ADD
DELETE
WaterWall Help