FIG. 1

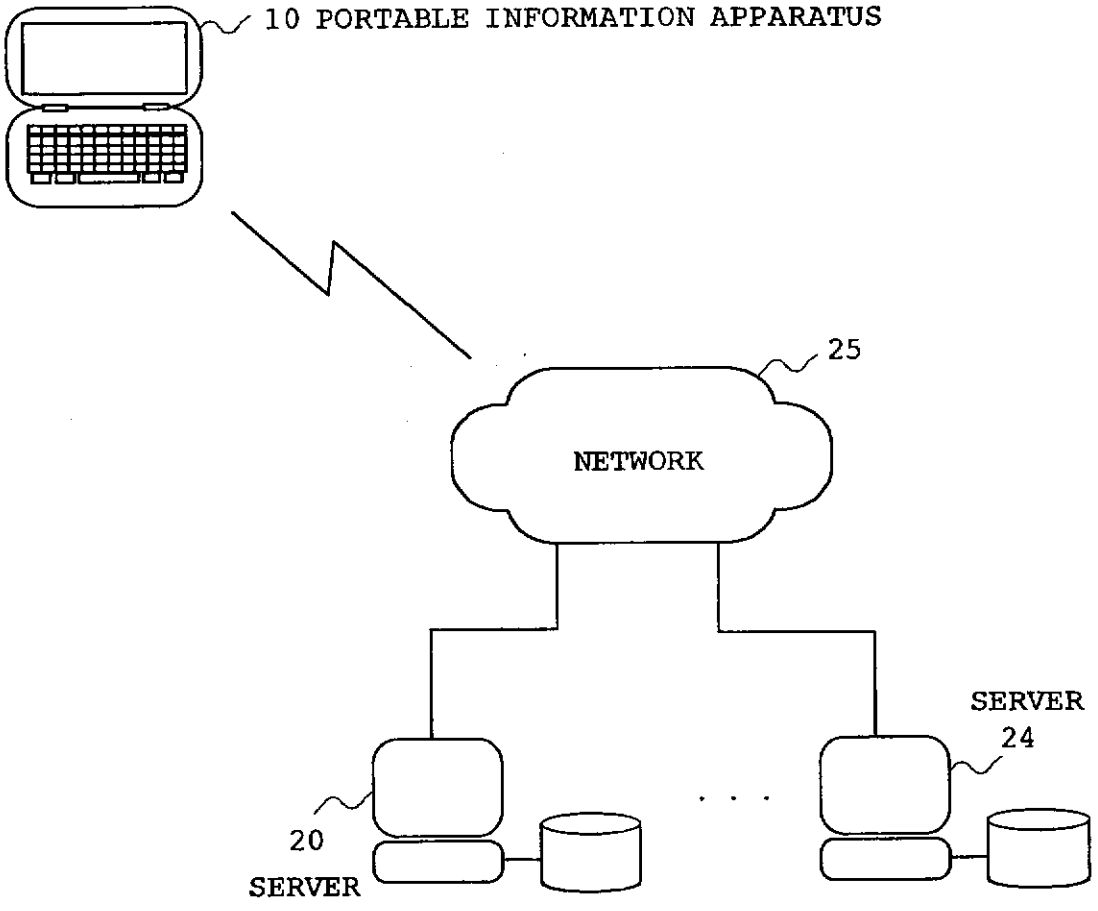

10 PORTABLE INFORMATION APPARATUS
25
NETWORK
SERVER
24
20
SERVER

FIG. 2

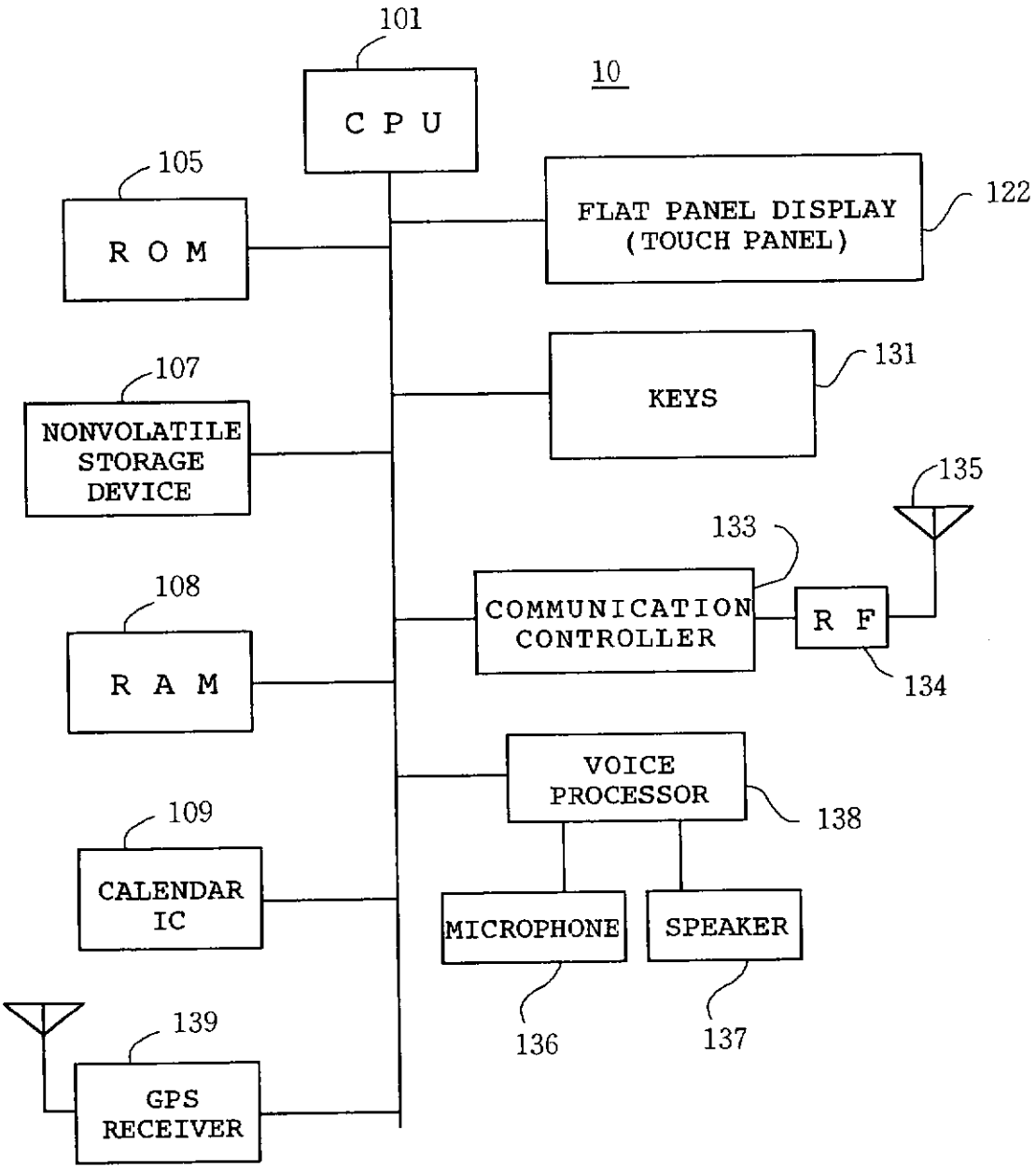

101
10
CPU
105
ROM
FLAT PANEL DISPLAY (TOUCH PANEL)
122
107
NONVOLATILE STORAGE DEVICE
KEYS
131
135
133
108
COMMUNICATION CONTROLLER
RF
134
RAM
VOICE PROCESSOR
138
109
CALENDAR IC
MICROPHONE
SPEAKER
136
137
139
GPS RECEIVER

FIG. 3

FILE MANAGEMENT TABLE 300

311 FileName	312 OriginalPos	313 When		314 Where	315 Priority	316 Stored	317 Modified
		DayInWeek	TimeZone				
PrivateADR	URL1	Sat-Sun	TimeZone4	X1:Y1	12	Yes	Yes
BusinessADR	URL2	Mon-Fri	TimeZone2, 3	X2:Y2	10	No	No
TokyoMap	URL3	*	*	X3:Y3	03	No	No
. . .	. . .	. . .	. . .		. . .	. . .	. . .

FIG. 4

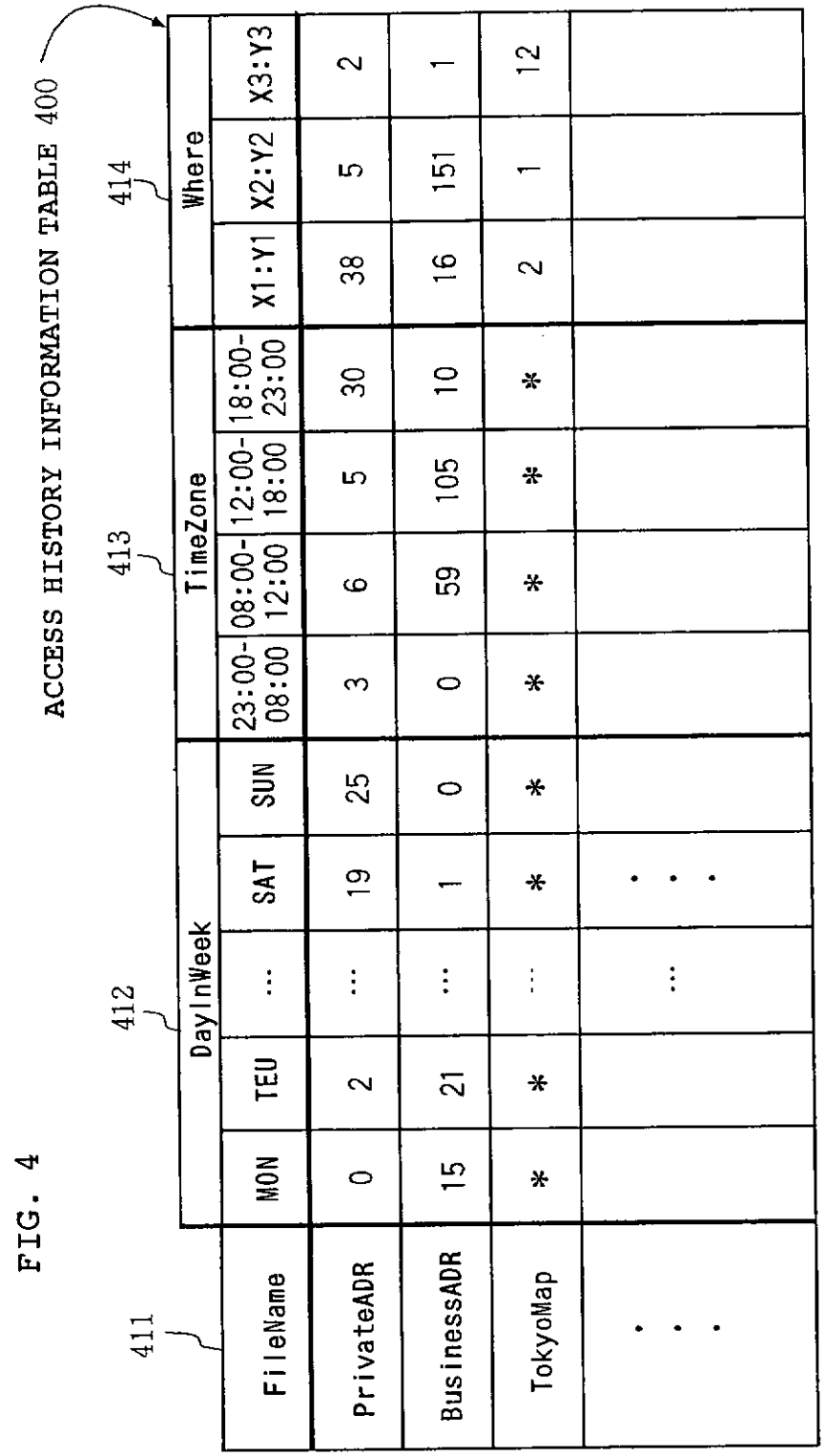

ACCESS HISTORY INFORMATION TABLE 400
411
412
413
414
FileName
DayInWeek
MON
TEU
...
SAT
SUN
TimeZone
23:00-08:00
08:00-12:00
12:00-18:00
18:00-23:00
Where
X1:Y1
X2:Y2
X3:Y3
PrivateADR
0
2
...
19
25
3
6
5
30
38
5
2
BusinessADR
15
21
...
1
0
0
59
105
10
16
151
1
TokyoMap
*
*
...
*
*
*
*
*
*
2
1
12

FIG. 5

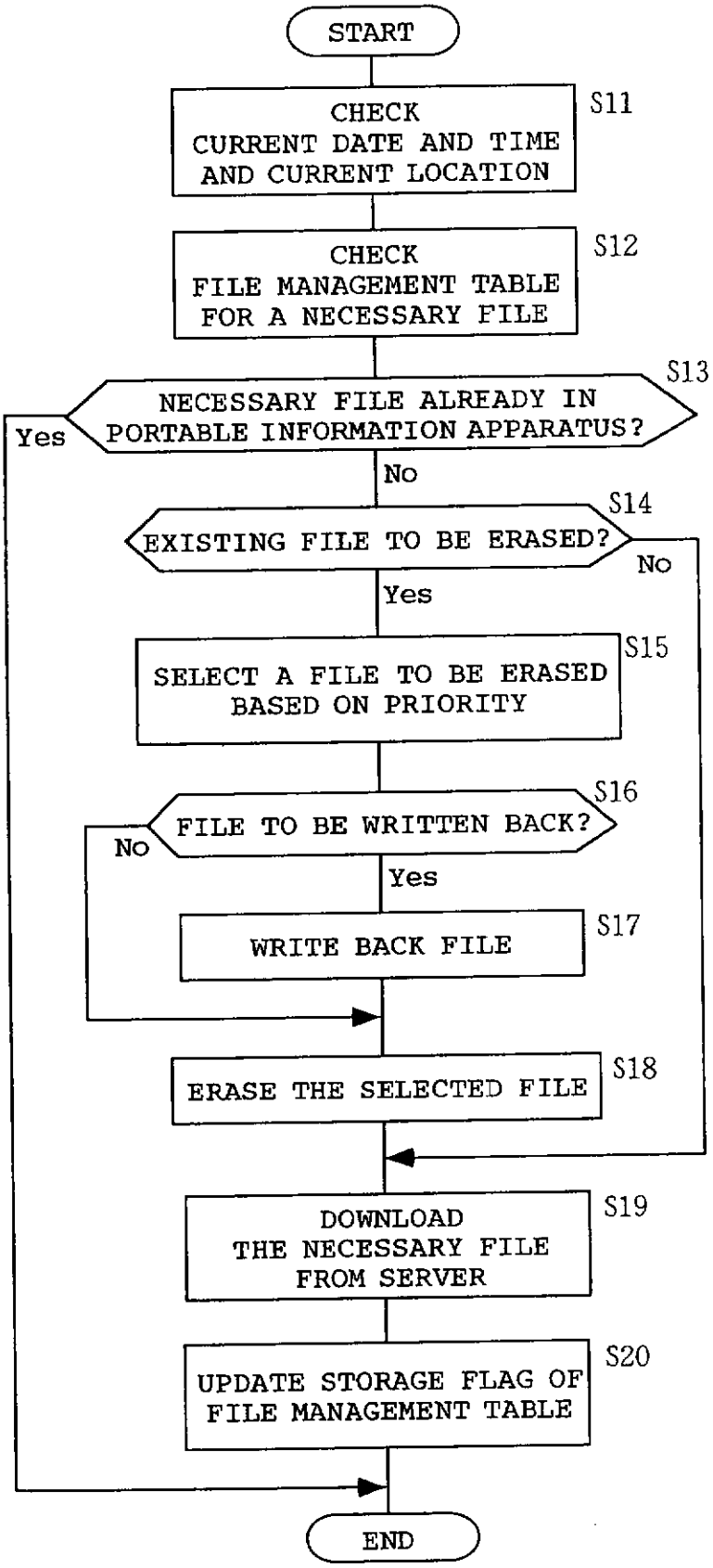
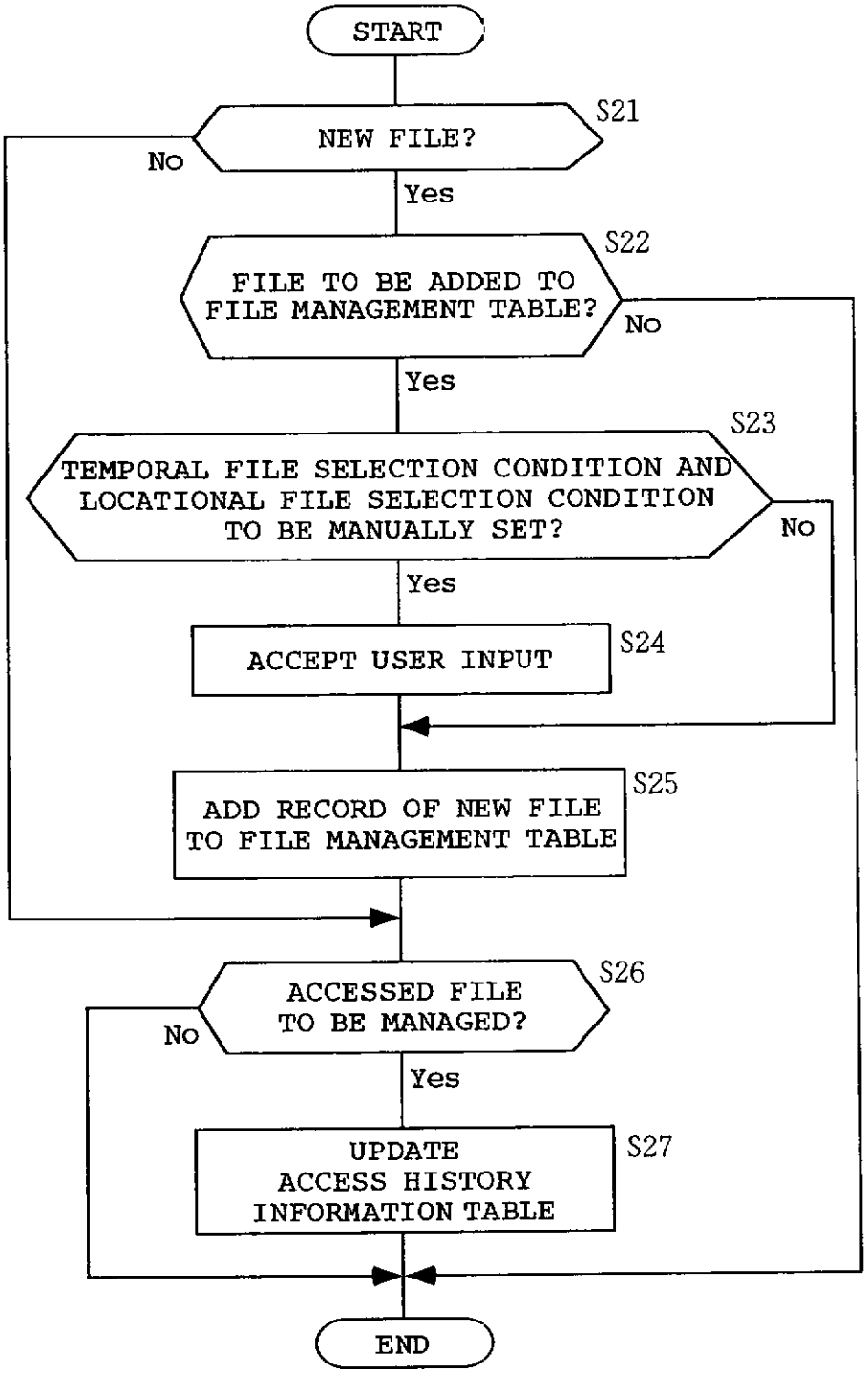
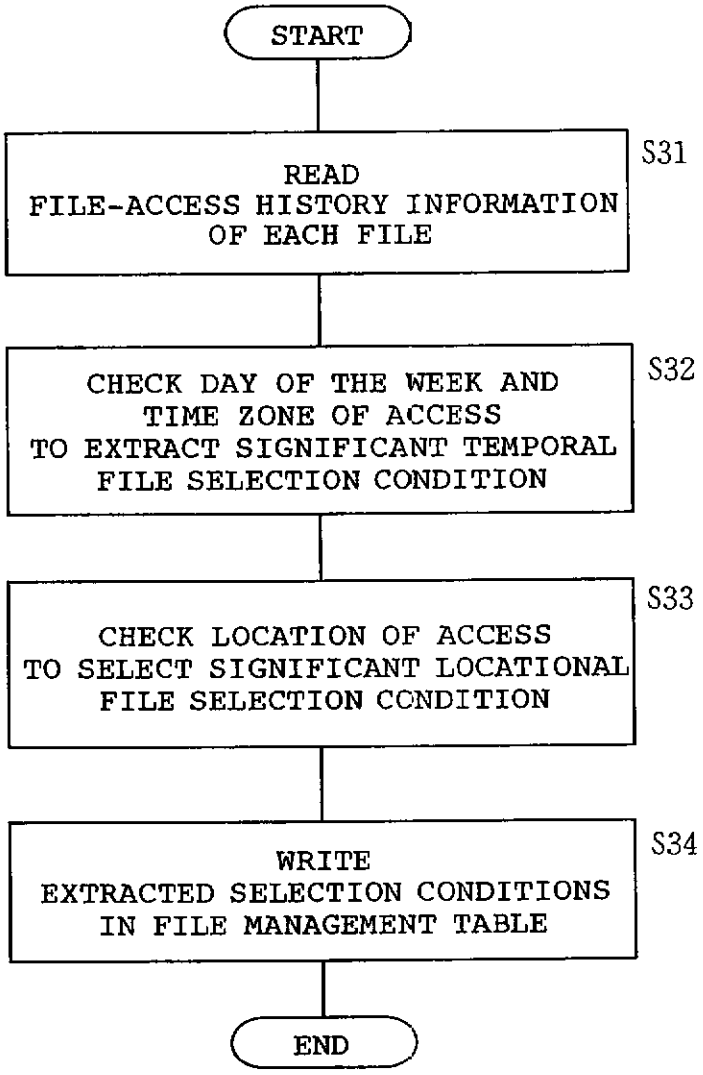

START
CHECK CURRENT DATE AND TIME AND CURRENT LOCATION
S11
CHECK FILE MANAGEMENT TABLE FOR A NECESSARY FILE
S12
NECESSARY FILE ALREADY IN PORTABLE INFORMATION APPARATUS?
S13
Yes
No
EXISTING FILE TO BE ERASED?
S14
No
Yes
SELECT A FILE TO BE ERASED BASED ON PRIORITY
S15
FILE TO BE WRITTEN BACK?
S16
No
Yes
WRITE BACK FILE
S17
ERASE THE SELECTED FILE
S18
DOWNLOAD THE NECESSARY FILE FROM SERVER
S19
UPDATE STORAGE FLAG OF FILE MANAGEMENT TABLE
S20
END

FIG. 6



PROCESSING WHEN A FILE IS ACCESSED

FIG. 7



FILE SELECTION CONDITION
EXTRACTION PROCESSING