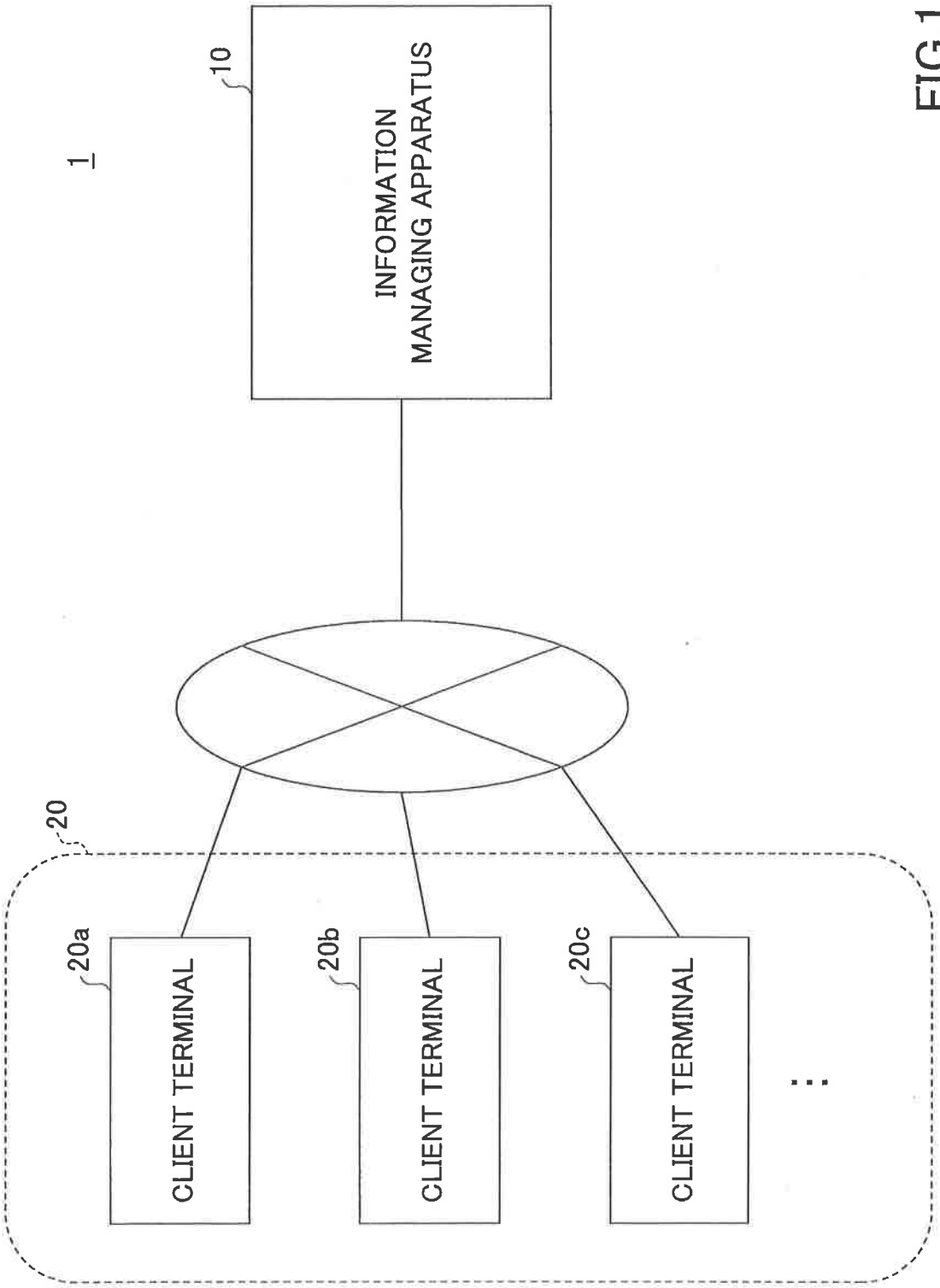

1
10
INFORMATION MANAGING APPARATUS
20
20a
CLIENT TERMINAL
20b
CLIENT TERMINAL
20c
CLIENT TERMINAL
...

FIG.1

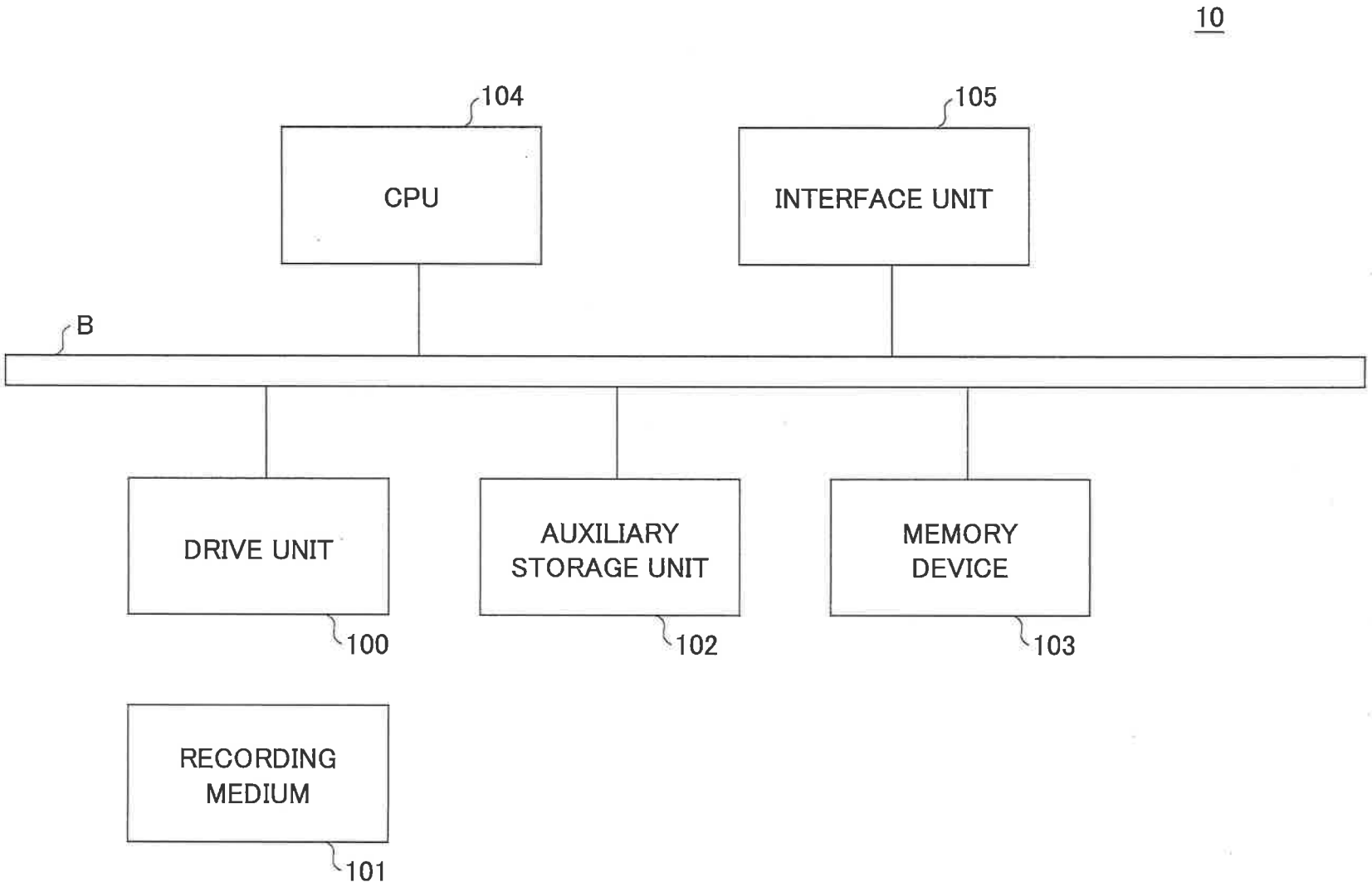

10
104
CPU
105
INTERFACE UNIT
B
DRIVE UNIT
100
AUXILIARY STORAGE UNIT
102
MEMORY DEVICE
103
RECORDING MEDIUM
101

FIG.2

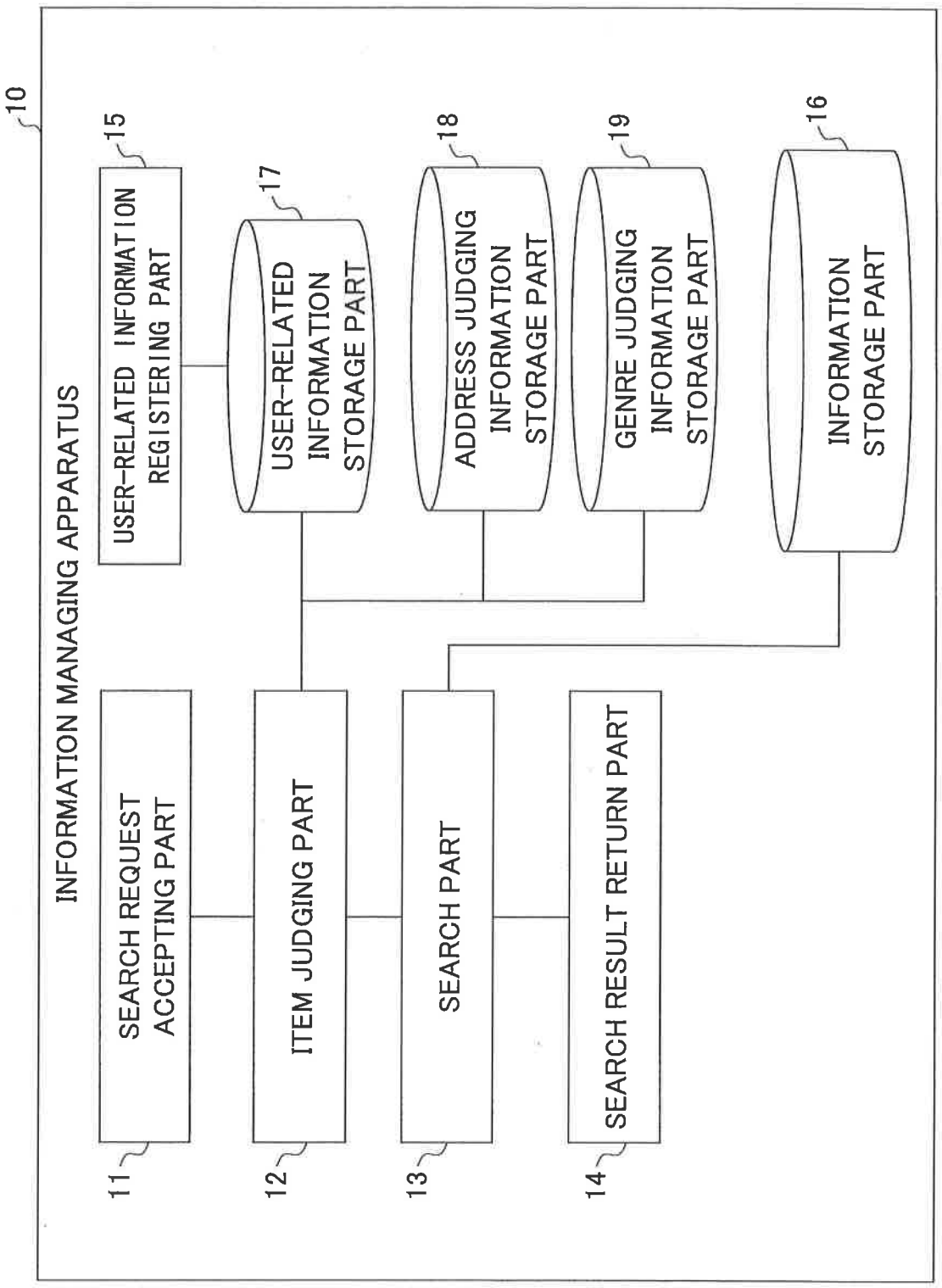

10
INFORMATION MANAGING APPARATUS
15
USER-RELATED INFORMATION REGISTERING PART
17
USER-RELATED INFORMATION STORAGE PART
18
ADDRESS JUDGING INFORMATION STORAGE PART
19
GENRE JUDGING INFORMATION STORAGE PART
16
INFORMATION STORAGE PART
SEARCH REQUEST ACCEPTING PART
ITEM JUDGING PART
SEARCH PART
SEARCH RESULT RETURN PART
11
12
13
14

FIG.3

FIG.4

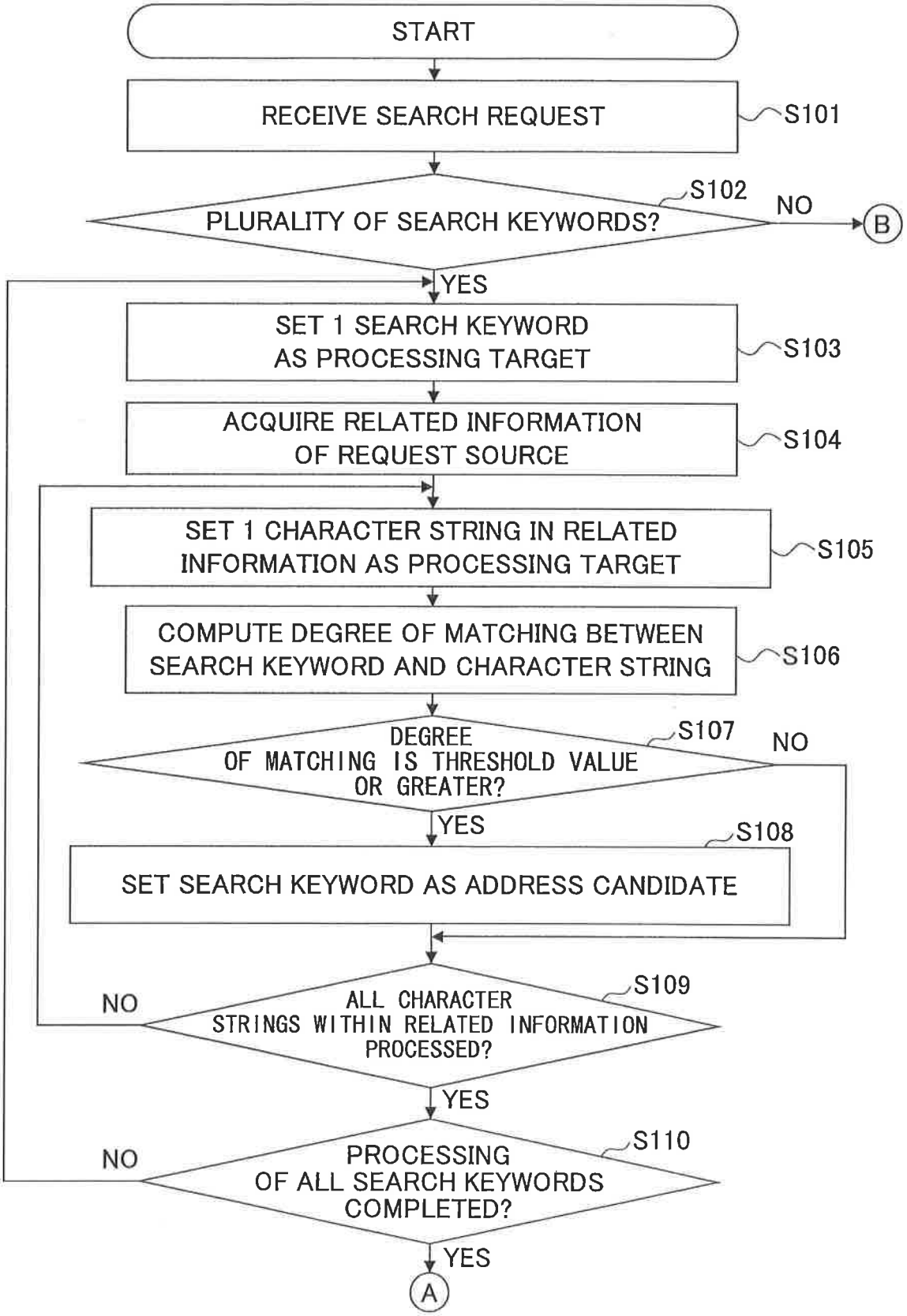

START
RECEIVE SEARCH REQUEST
S101
PLURALITY OF SEARCH KEYWORDS?
S102
NO
B
YES
SET 1 SEARCH KEYWORD AS PROCESSING TARGET
S103
ACQUIRE RELATED INFORMATION OF REQUEST SOURCE
S104
SET 1 CHARACTER STRING IN RELATED INFORMATION AS PROCESSING TARGET
S105
COMPUTE DEGREE OF MATCHING BETWEEN SEARCH KEYWORD AND CHARACTER STRING
S106
DEGREE OF MATCHING IS THRESHOLD VALUE OR GREATER?
S107
NO
YES
SET SEARCH KEYWORD AS ADDRESS CANDIDATE
S108
ALL CHARACTER STRINGS WITHIN RELATED INFORMATION PROCESSED?
S109
NO
YES
PROCESSING OF ALL SEARCH KEYWORDS COMPLETED?
S110
NO
YES
A

FIG.5

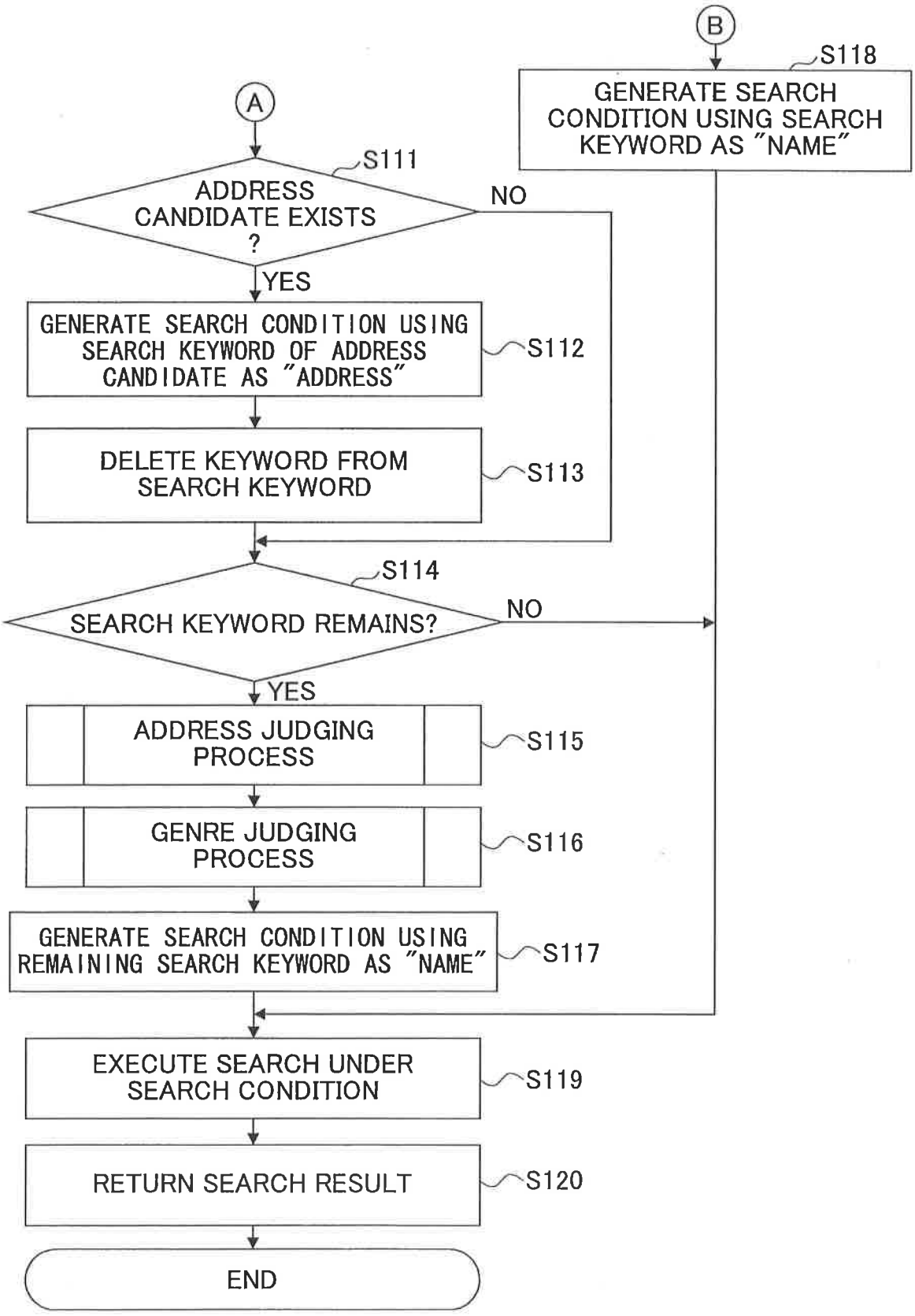

B
S118
GENERATE SEARCH CONDITION USING SEARCH KEYWORD AS "NAME"
A
S111
ADDRESS CANDIDATE EXISTS ?
NO
YES
GENERATE SEARCH CONDITION USING SEARCH KEYWORD OF ADDRESS CANDIDATE AS "ADDRESS"
S112
DELETE KEYWORD FROM SEARCH KEYWORD
S113
S114
SEARCH KEYWORD REMAINS?
NO
YES
ADDRESS JUDGING PROCESS
S115
GENRE JUDGING PROCESS
S116
GENERATE SEARCH CONDITION USING REMAINING SEARCH KEYWORD AS "NAME"
S117
EXECUTE SEARCH UNDER SEARCH CONDITION
S119
RETURN SEARCH RESULT
S120
END

FIG.6

USER ID: AAA

:
FUSHIMI
YOSHINO
...
...
:

FIG.7

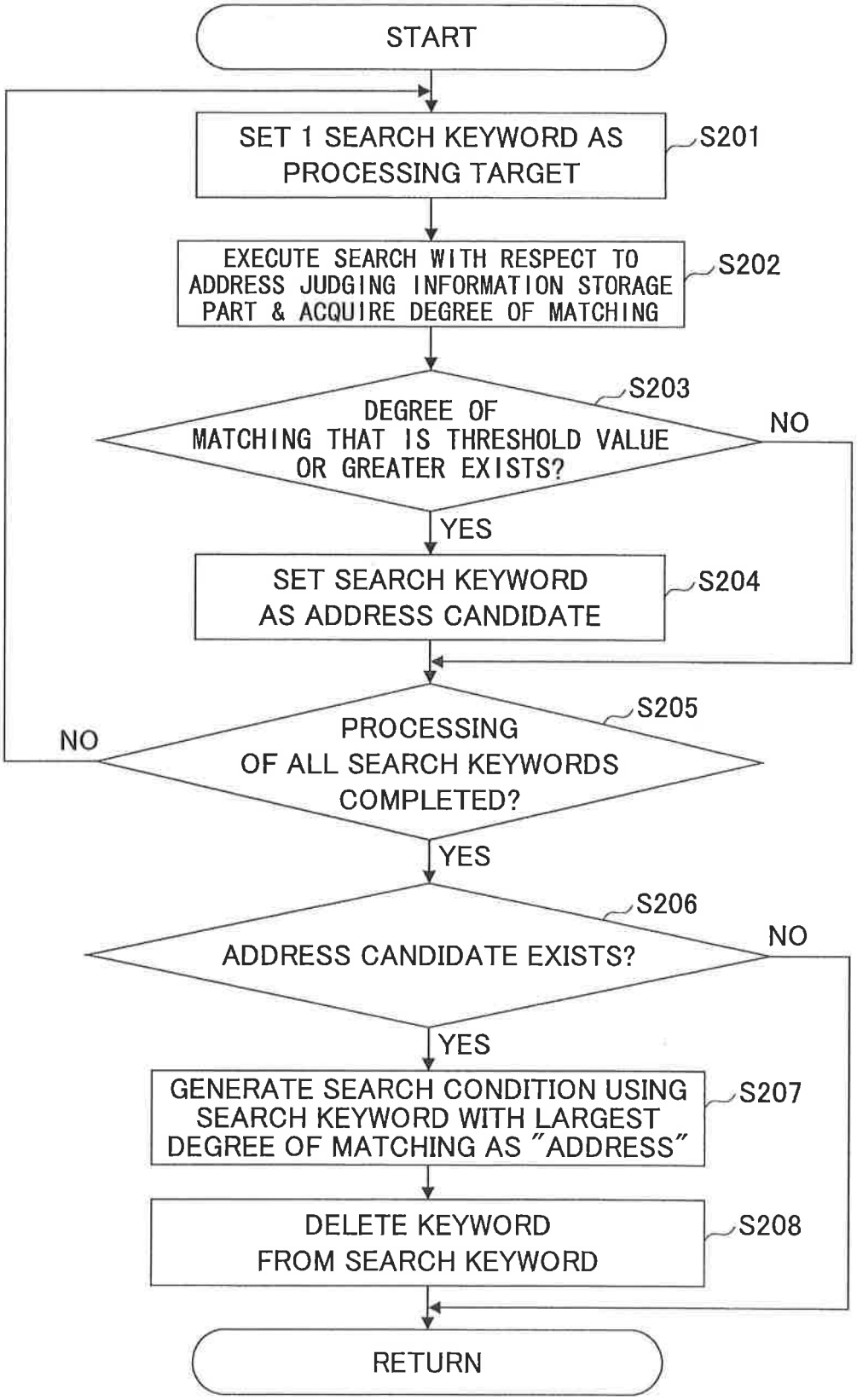
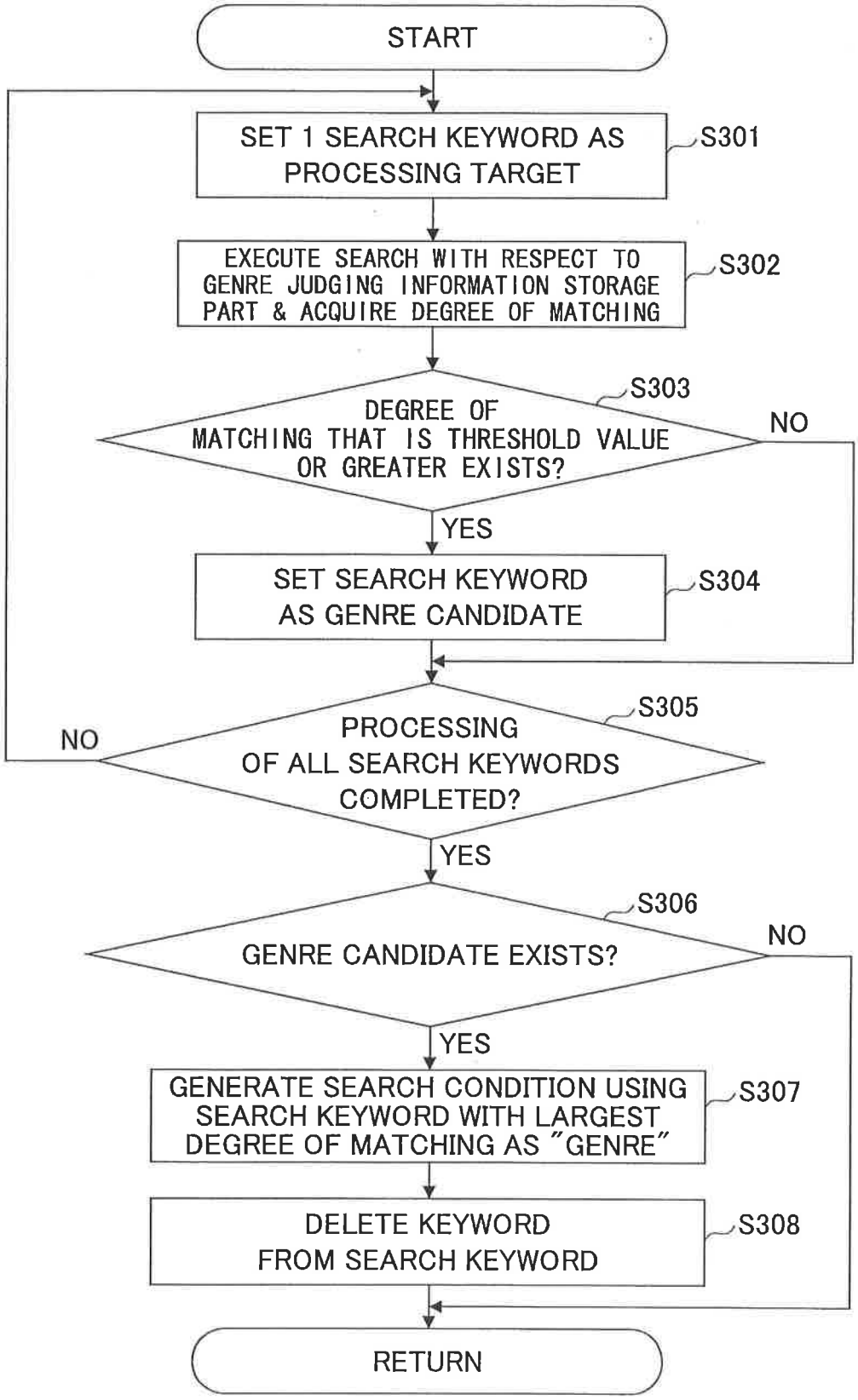

START
SET 1 SEARCH KEYWORD AS PROCESSING TARGET
S201
EXECUTE SEARCH WITH RESPECT TO ADDRESS JUDGING INFORMATION STORAGE PART & ACQUIRE DEGREE OF MATCHING
S202
DEGREE OF MATCHING THAT IS THRESHOLD VALUE OR GREATER EXISTS?
S203
NO
YES
SET SEARCH KEYWORD AS ADDRESS CANDIDATE
S204
PROCESSING OF ALL SEARCH KEYWORDS COMPLETED?
S205
NO
YES
ADDRESS CANDIDATE EXISTS?
S206
NO
YES
GENERATE SEARCH CONDITION USING SEARCH KEYWORD WITH LARGEST DEGREE OF MATCHING AS "ADDRESS"
S207
DELETE KEYWORD FROM SEARCH KEYWORD
S208
RETURN

FIG.8


START
SET 1 SEARCH KEYWORD AS PROCESSING TARGET
S301
EXECUTE SEARCH WITH RESPECT TO GENRE JUDGING INFORMATION STORAGE PART & ACQUIRE DEGREE OF MATCHING
S302
DEGREE OF MATCHING THAT IS THRESHOLD VALUE OR GREATER EXISTS?
S303
NO
YES
SET SEARCH KEYWORD AS GENRE CANDIDATE
S304
PROCESSING OF ALL SEARCH KEYWORDS COMPLETED?
S305
NO
YES
GENRE CANDIDATE EXISTS?
S306
NO
YES
GENERATE SEARCH CONDITION USING SEARCH KEYWORD WITH LARGEST DEGREE OF MATCHING AS "GENRE"
S307
DELETE KEYWORD FROM SEARCH KEYWORD
S308
RETURN