FIG. 1

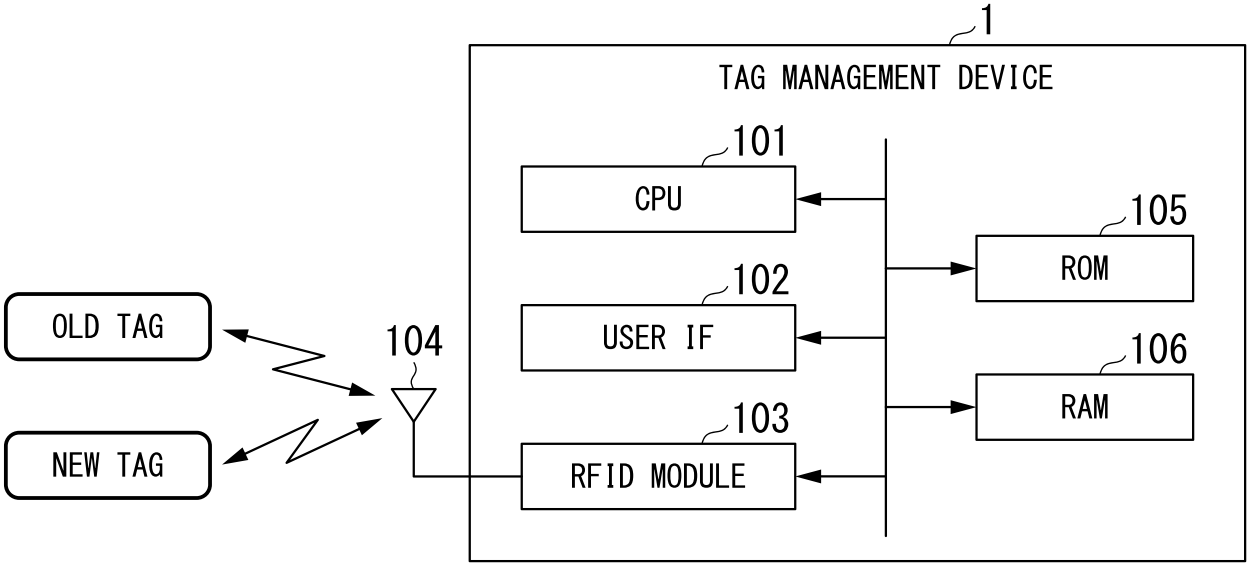

1
TAG MANAGEMENT DEVICE
101
CPU
105
ROM
102
USER IF
106
RAM
103
RFID MODULE
104
OLD TAG
NEW TAG

FIG. 2

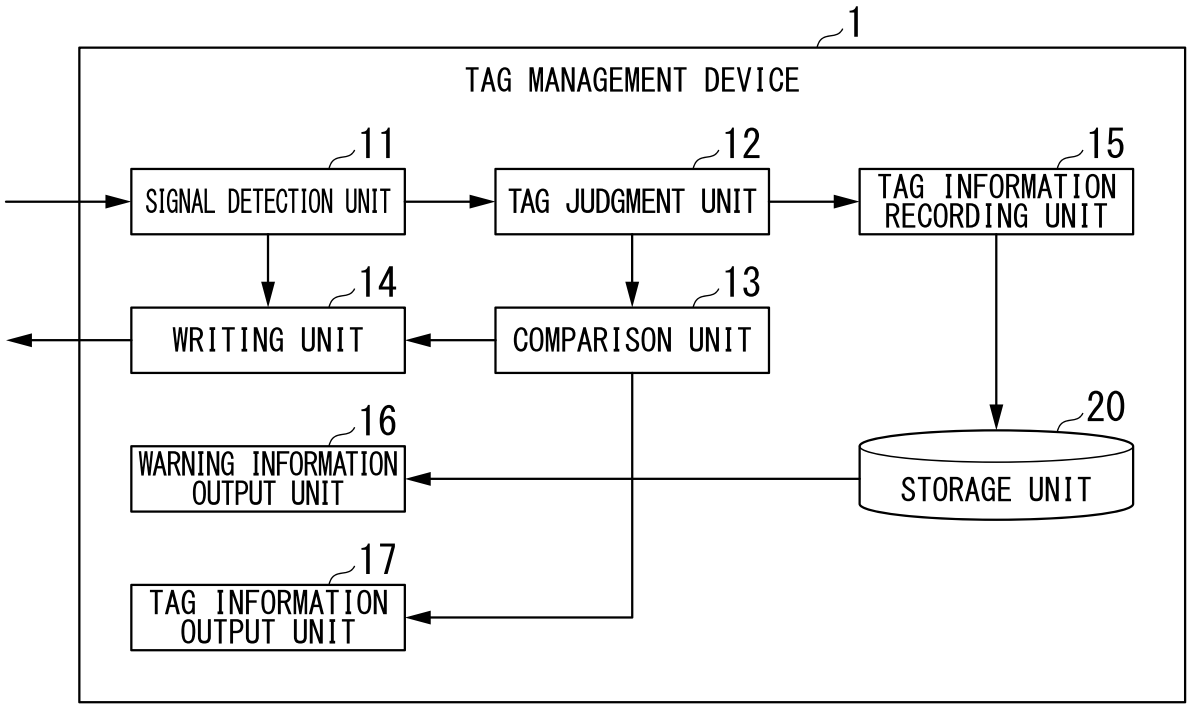

1
TAG MANAGEMENT DEVICE
11
SIGNAL DETECTION UNIT
12
TAG JUDGMENT UNIT
15
TAG INFORMATION RECORDING UNIT
14
WRITING UNIT
13
COMPARISON UNIT
16
WARNING INFORMATION OUTPUT UNIT
20
STORAGE UNIT
17
TAG INFORMATION OUTPUT UNIT

FIG. 3

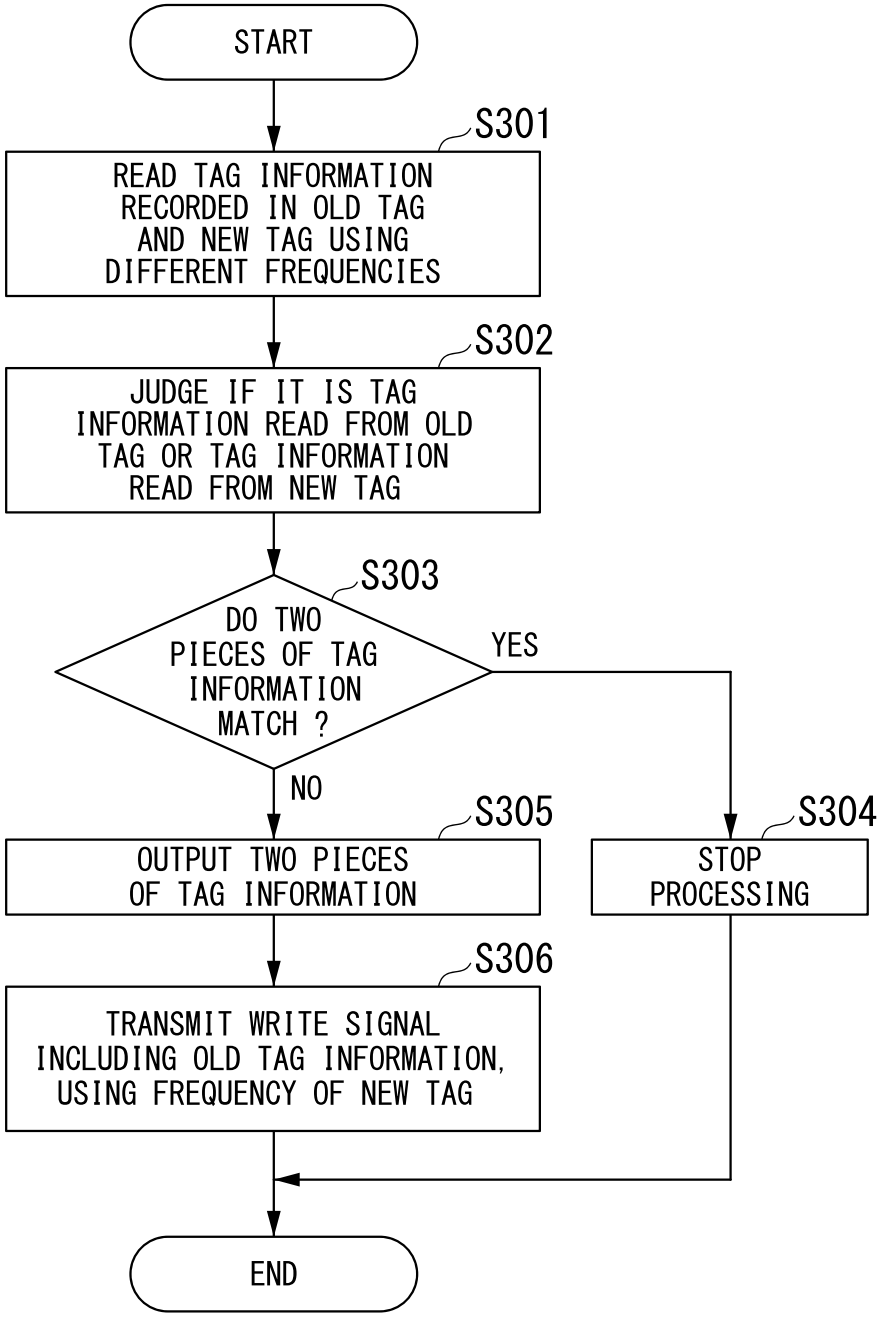
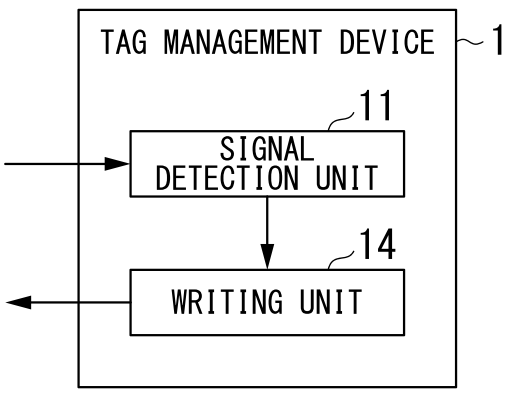

START
S301
READ TAG INFORMATION RECORDED IN OLD TAG AND NEW TAG USING DIFFERENT FREQUENCIES
S302
JUDGE IF IT IS TAG INFORMATION READ FROM OLD TAG OR TAG INFORMATION READ FROM NEW TAG
S303
DO TWO PIECES OF TAG INFORMATION MATCH ?
YES
NO
S305
OUTPUT TWO PIECES OF TAG INFORMATION
S304
STOP PROCESSING
S306
TRANSMIT WRITE SIGNAL INCLUDING OLD TAG INFORMATION, USING FREQUENCY OF NEW TAG
END

FIG. 4


TAG MANAGEMENT DEVICE
1
11
SIGNAL DETECTION UNIT
14
WRITING UNIT