Fig. 1

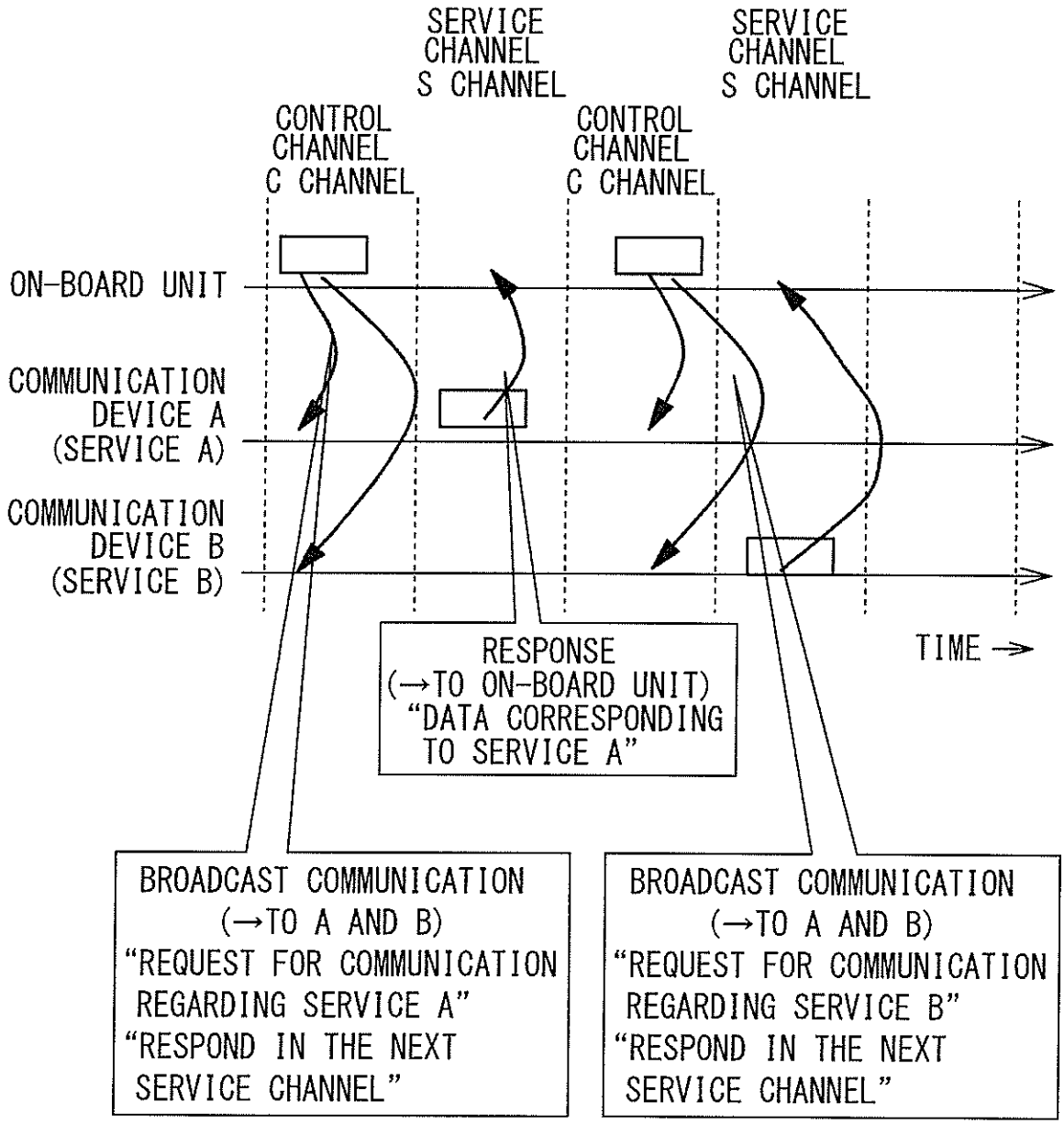

SERVICE CHANNEL S CHANNEL
SERVICE CHANNEL S CHANNEL
CONTROL CHANNEL C CHANNEL
CONTROL CHANNEL C CHANNEL
ON-BOARD UNIT
COMMUNICATION DEVICE A (SERVICE A)
COMMUNICATION DEVICE B (SERVICE B)
TIME
RESPONSE (→TO ON-BOARD UNIT) "DATA CORRESPONDING TO SERVICE A"
BROADCAST COMMUNICATION (→TO A AND B) "REQUEST FOR COMMUNICATION REGARDING SERVICE A" "RESPOND IN THE NEXT SERVICE CHANNEL"
BROADCAST COMMUNICATION (→TO A AND B) "REQUEST FOR COMMUNICATION REGARDING SERVICE B" "RESPOND IN THE NEXT SERVICE CHANNEL"

Fig. 2

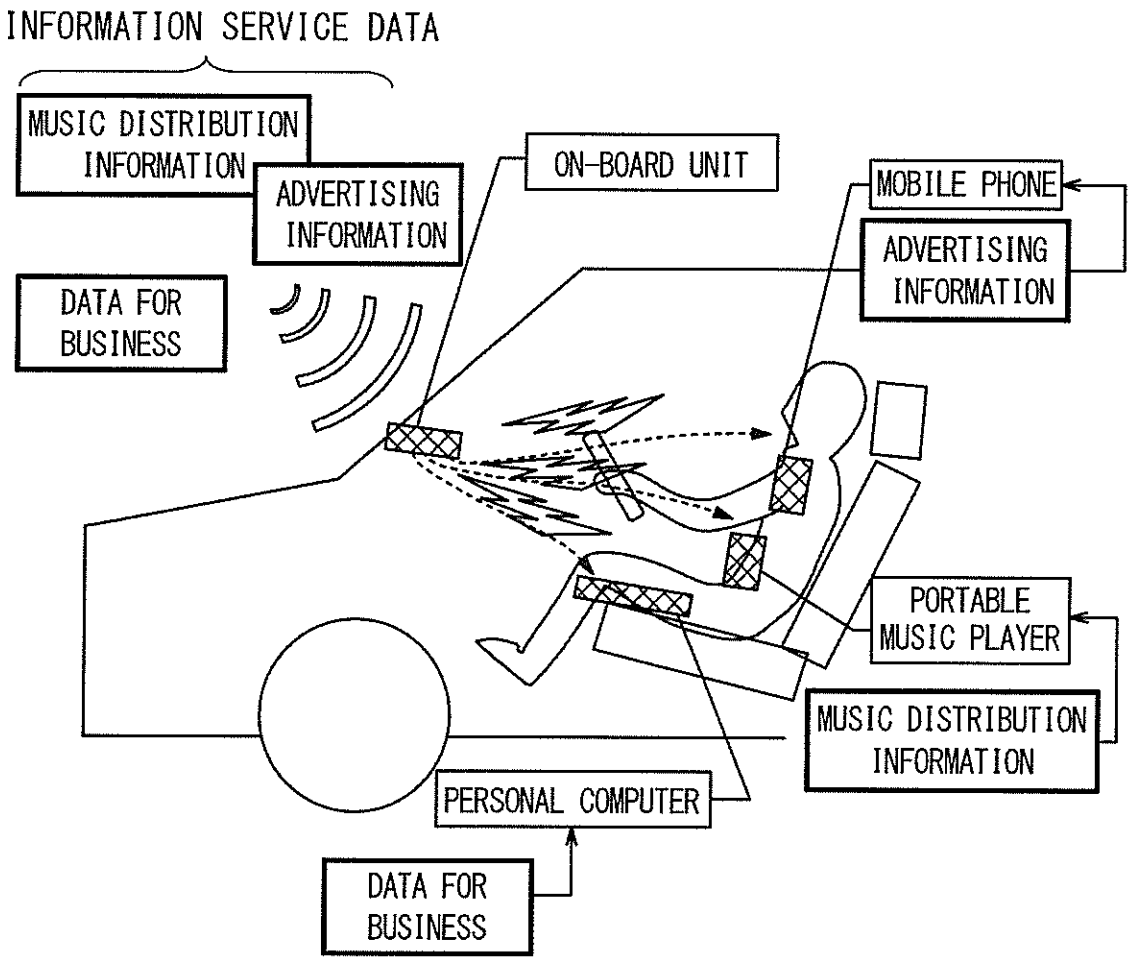

INFORMATION SERVICE DATA
MUSIC DISTRIBUTION INFORMATION
ADVERTISING INFORMATION
DATA FOR BUSINESS
ON-BOARD UNIT
MOBILE PHONE
ADVERTISING INFORMATION
PORTABLE MUSIC PLAYER
MUSIC DISTRIBUTION INFORMATION
PERSONAL COMPUTER
DATA FOR BUSINESS

Fig. 3

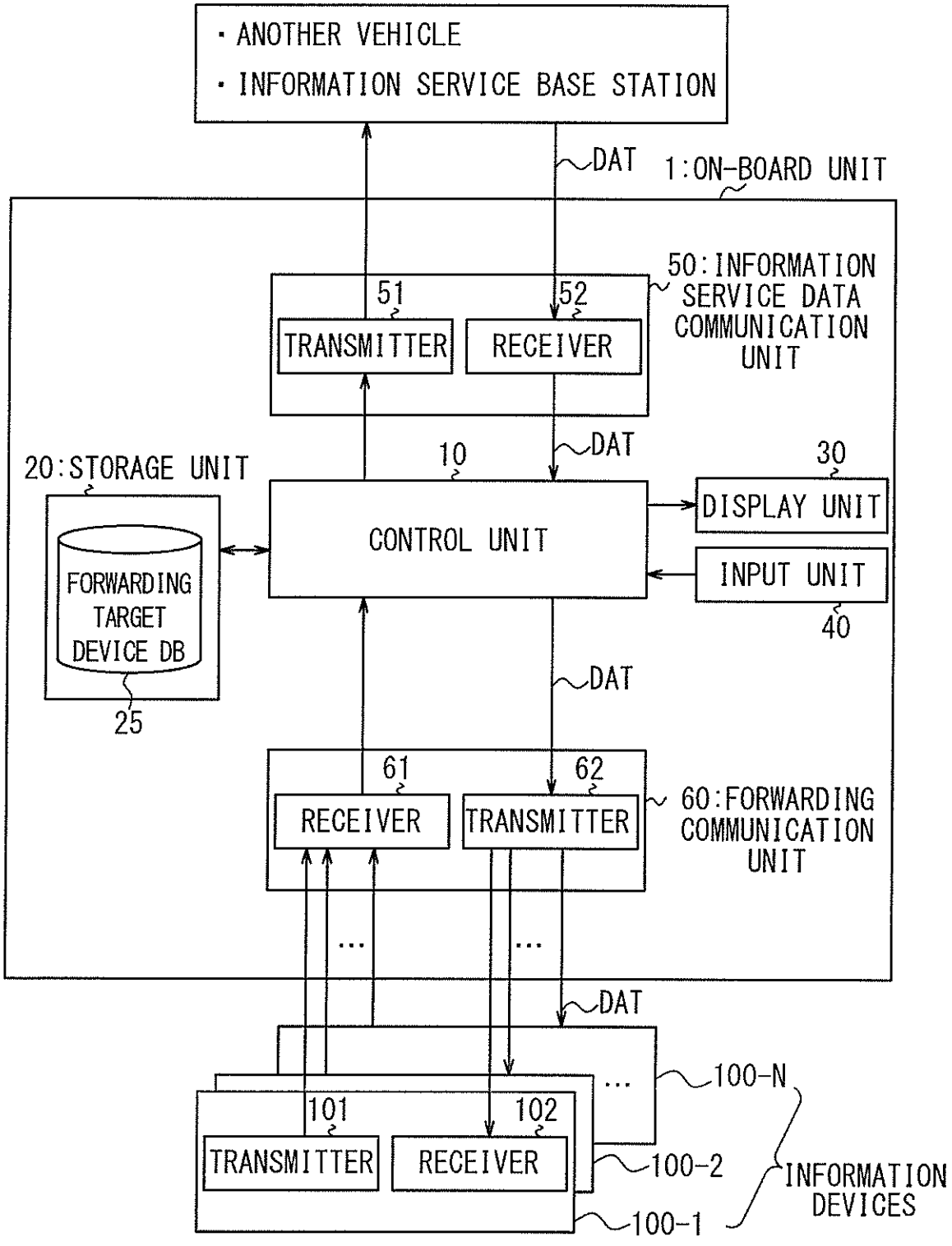

・ANOTHER VEHICLE
・INFORMATION SERVICE BASE STATION
DAT
1:ON-BOARD UNIT
50:INFORMATION SERVICE DATA COMMUNICATION UNIT
51
52
TRANSMITTER
RECEIVER
DAT
10
30
20:STORAGE UNIT
FORWARDING TARGET DEVICE DB
25
CONTROL UNIT
DISPLAY UNIT
INPUT UNIT
40
DAT
61
62
RECEIVER
TRANSMITTER
60:FORWARDING COMMUNICATION UNIT
DAT
100-N
101
102
TRANSMITTER
RECEIVER
100-2
100-1
INFORMATION DEVICES

Fig. 4

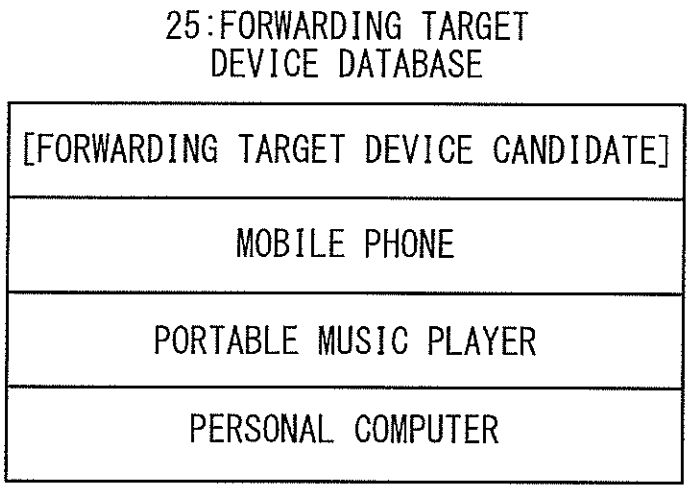

25:FORWARDING TARGET
DEVICE DATABASE
[FORWARDING TARGET DEVICE CANDIDATE]
MOBILE PHONE
PORTABLE MUSIC PLAYER
PERSONAL COMPUTER

Fig. 5

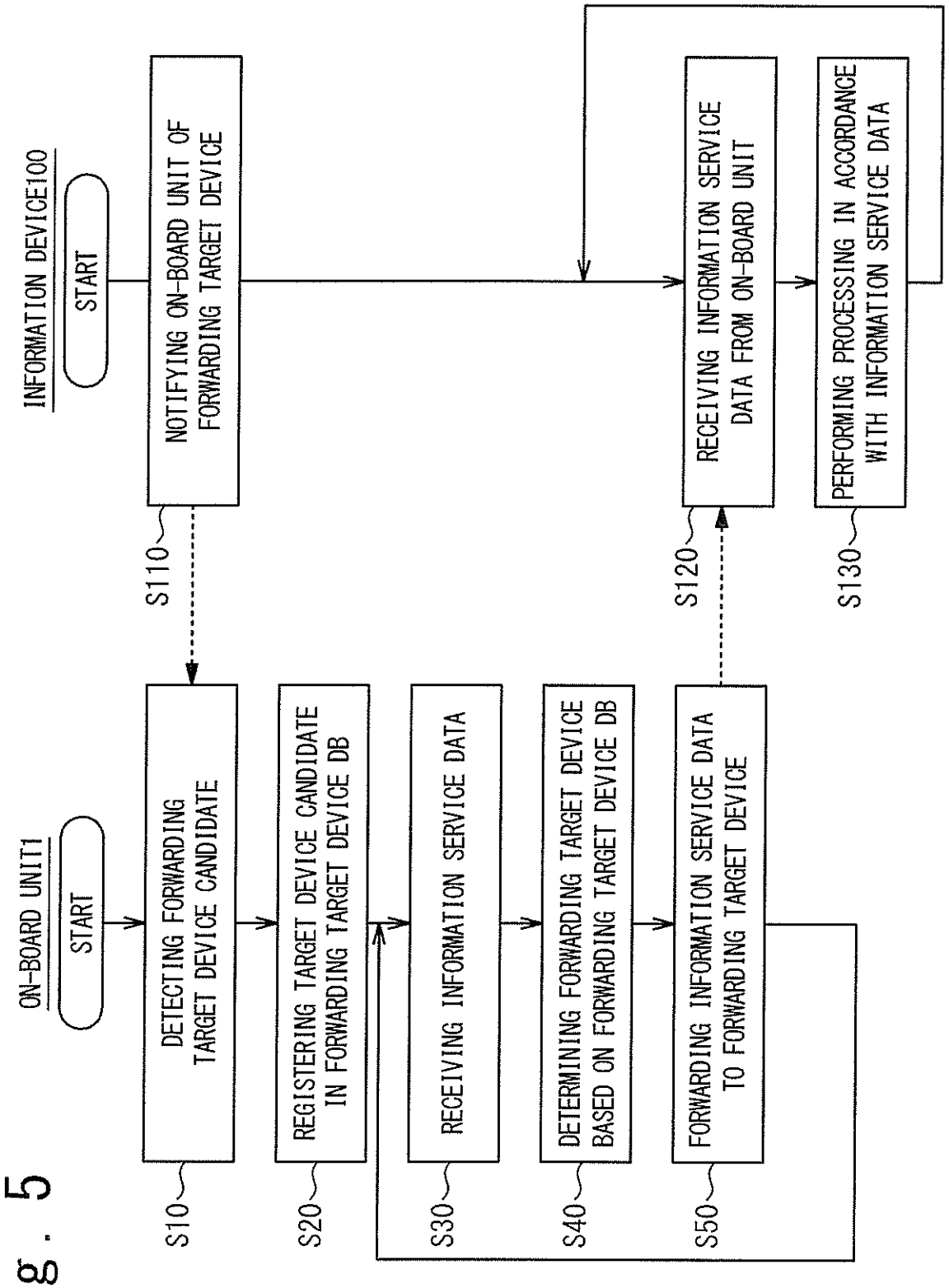

ON-BOARD UNIT1
START
DETECTING FORWARDING TARGET DEVICE CANDIDATE
S10
REGISTERING TARGET DEVICE CANDIDATE IN FORWARDING TARGET DEVICE DB
S20
RECEIVING INFORMATION SERVICE DATA
S30
DETERMINING FORWARDING TARGET DEVICE BASED ON FORWARDING TARGET DEVICE DB
S40
FORWARDING INFORMATION SERVICE DATA TO FORWARDING TARGET DEVICE
S50
INFORMATION DEVICE100
START
NOTIFYING ON-BOARD UNIT OF FORWARDING TARGET DEVICE
S110
RECEIVING INFORMATION SERVICE DATA FROM ON-BOARD UNIT
S120
PERFORMING PROCESSING IN ACCORDANCE WITH INFORMATION SERVICE DATA
S130

Fig. 6

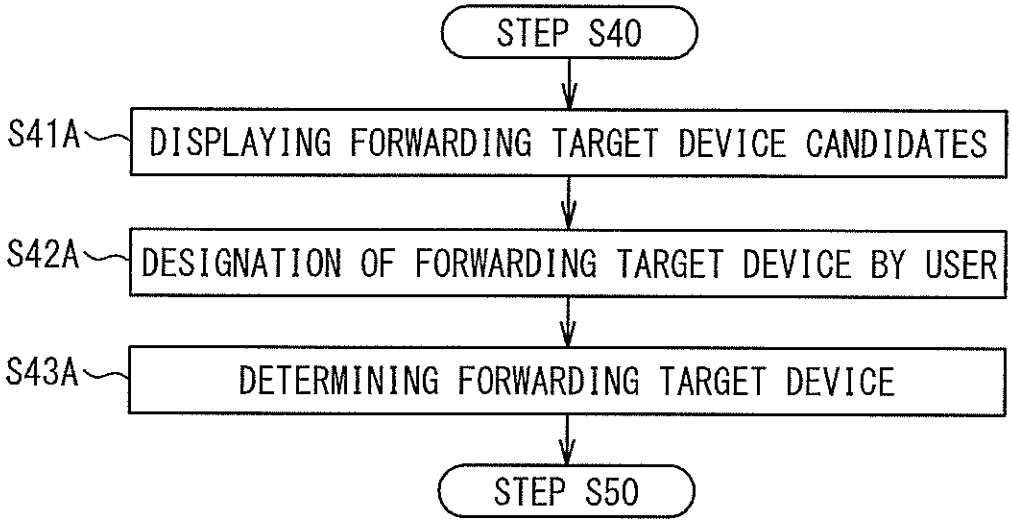
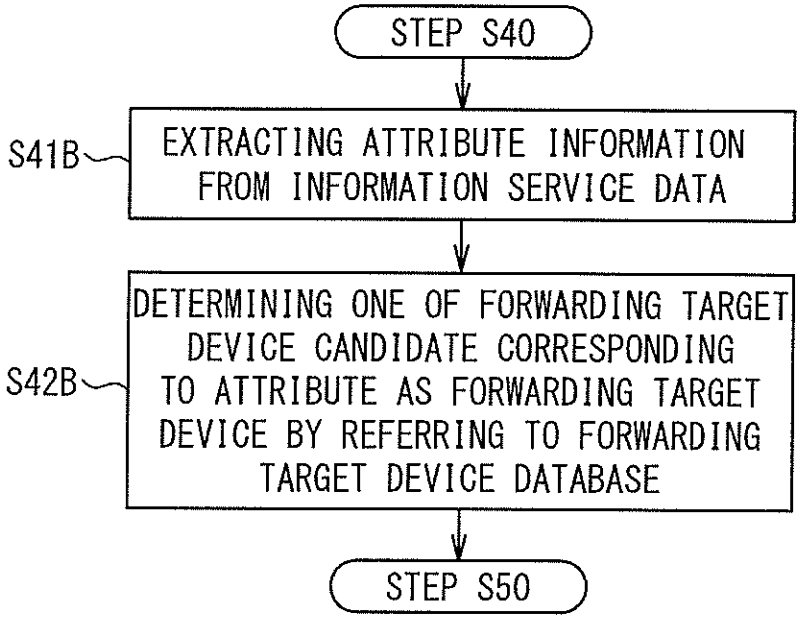


Fig. 7

25:FORWARDING TARGET DEVICE DATABASE

[ATTRIBUTE]	[FORWARDING TARGET DEVICE CANDIDATE]
ADVERTISEMENT	MOBILE PHONE
MUSIC	PORTABLE MUSIC PLAYER
VIDEO	PORTABLE MUSIC PLAYER
TRAFFIC	MOBILE PHONE
NO ATTRIBUTE	PERSONAL COMPUTER

Fig. 8


STEP S40
S41B
EXTRACTING ATTRIBUTE INFORMATION FROM INFORMATION SERVICE DATA
S42B
DETERMINING ONE OF FORWARDING TARGET DEVICE CANDIDATE CORRESPONDING TO ATTRIBUTE AS FORWARDING TARGET DEVICE BY REFERRING TO FORWARDING TARGET DEVICE DATABASE
STEP S50