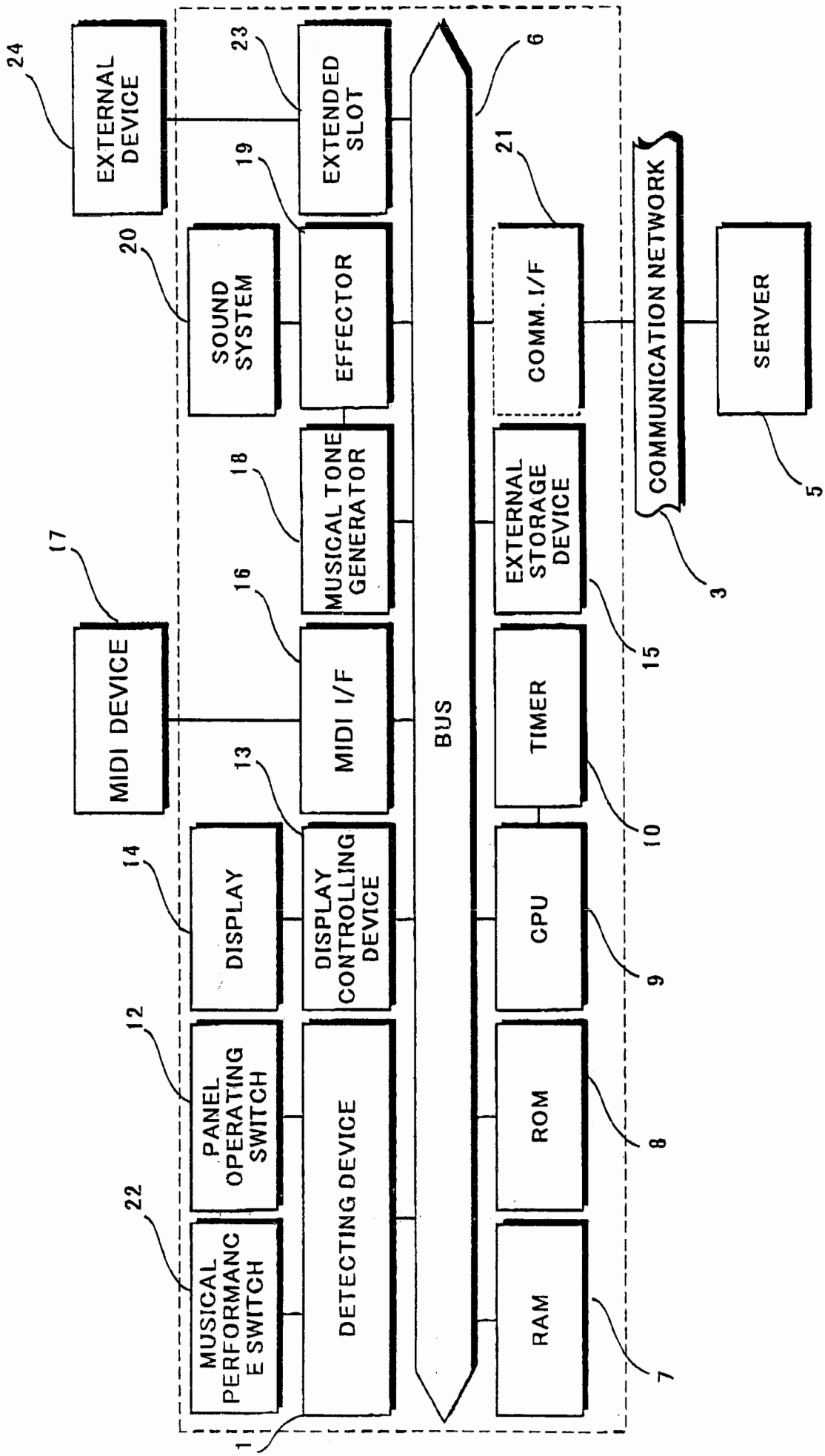
FIG. 1


EXTERNAL DEVICE
24
EXTENDED SLOT
23
6
SOUND SYSTEM
20
EFFECTOR
19
COMM. I/F
21
COMMUNICATION NETWORK
SERVER
5
3
MIDI DEVICE
17
MUSICAL TONE GENERATOR
18
EXTERNAL STORAGE DEVICE
MIDI I/F
16
15
BUS
DISPLAY
14
DISPLAY CONTROLLING DEVICE
13
TIMER
10
CPU
9
PANEL OPERATING SWITCH
12
ROM
8
MUSICAL PERFORMANCE SWITCH
22
DETECTING DEVICE
11
RAM
7

# FIG. 2A

SEARCHING SEQUENCE ↓

| VENDOR ID | PRODUCT ID | DRIVER ID |
|---|---|---|
| #2 (COMPANY A) | #5 (PRODUCT A) | #1 (DRIVER A) |
| #2 (COMPANY A) | #6 (PRODUCT B) | #1 (DRIVER A) |
| #10 (COMPANY B) | #21 (PRODUCT C) | #1 (DRIVER A) |
| #10 (COMPANY B) | #22 (PRODUCT D) | #2 (DRIVER B) |
| #83 (COMPANY C) | #30 (PRODUCT E) | #3 (DRIVER C) |
| : | : | : |

CL1

# FIG. 2B

SEARCHING SEQUENCE ↓

| VENDOR ID | PRODUCT ID | DRIVER ID |
|---|---|---|
| #2 (COMPANY A) | #7 (PRODUCT F) | #0 (NO DRIVER) |
| #10 (COMPANY B) | #23 (PRODUCT H) | #0 (NO DRIVER) |
| #2 (COMPANY A) | #8 (PRODUCT I) | #1 (DRIVER A) |
| #10 (COMPANY B) | #24 (PRODUCT J) | #2 (DRIVER B) |
| #83 (COMPANY C) | #31 (PRODUCT G) | #3 (DRIVER C) |
| : | : | : |

CL2

# FIG. 3

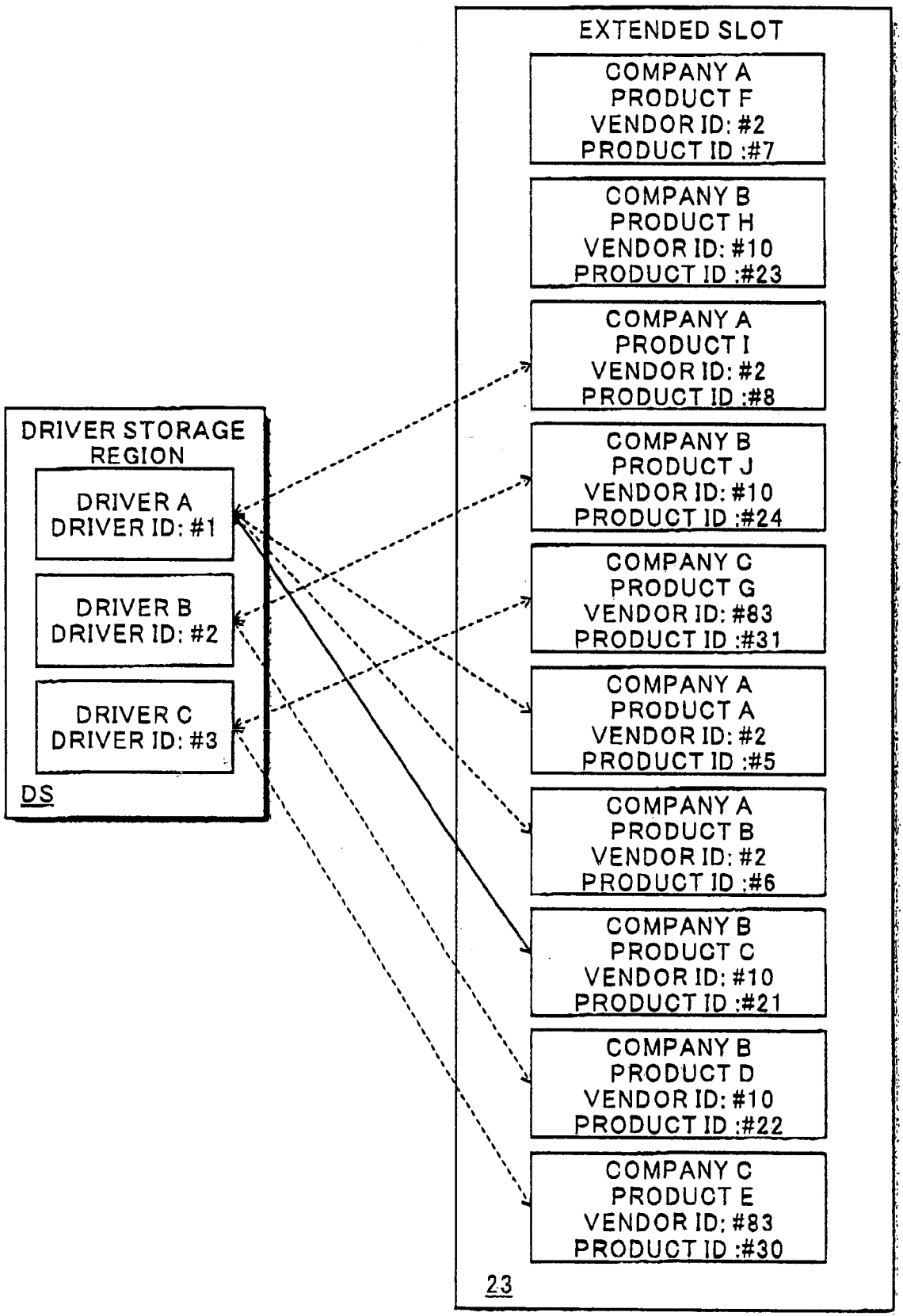
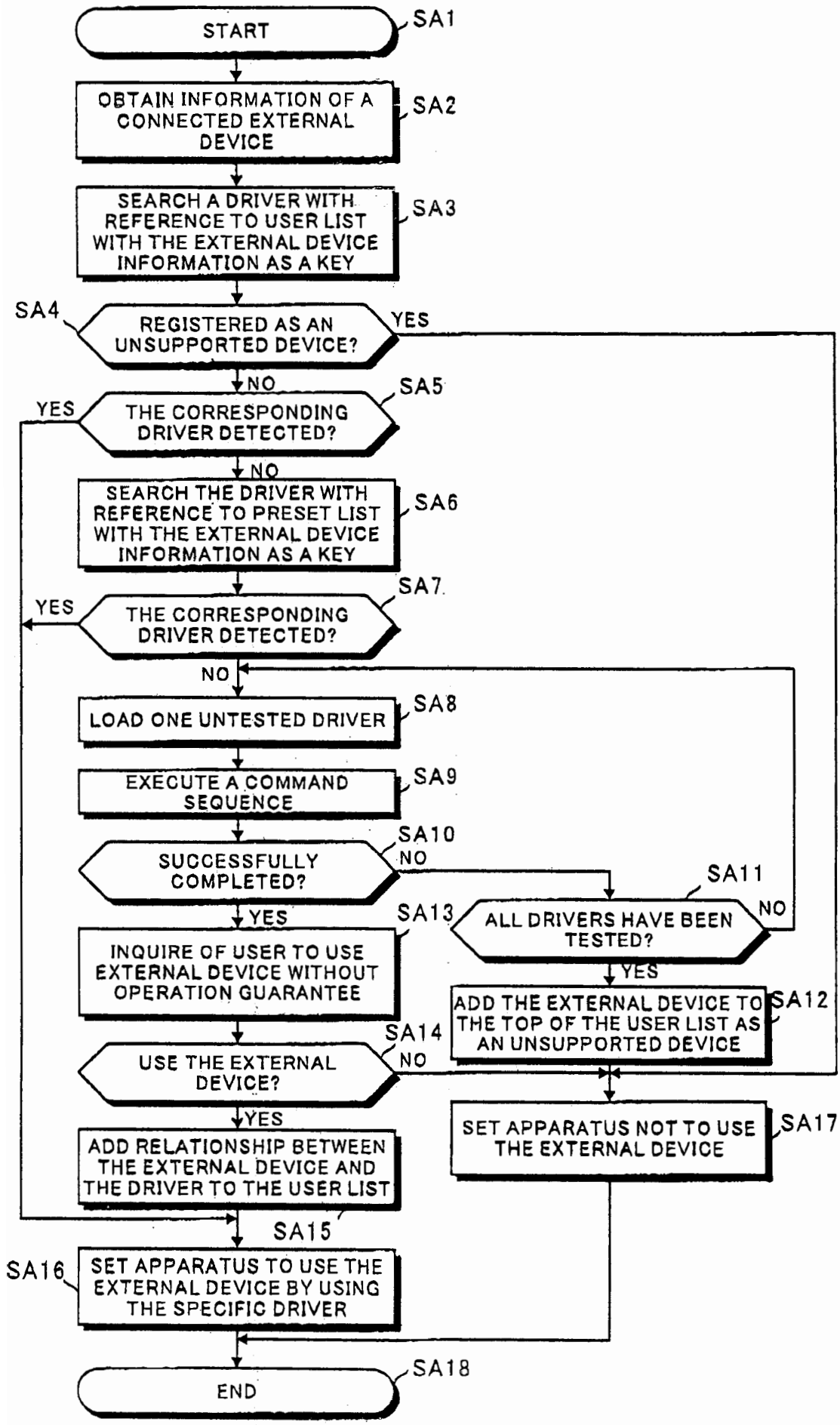

EXTENDED SLOT
COMPANY A
PRODUCT F
VENDOR ID: #2
PRODUCT ID :#7
COMPANY B
PRODUCT H
VENDOR ID: #10
PRODUCT ID :#23
COMPANY A
PRODUCT I
VENDOR ID: #2
PRODUCT ID :#8
COMPANY B
PRODUCT J
VENDOR ID: #10
PRODUCT ID :#24
COMPANY C
PRODUCT G
VENDOR ID: #83
PRODUCT ID :#31
COMPANY A
PRODUCT A
VENDOR ID: #2
PRODUCT ID :#5
COMPANY A
PRODUCT B
VENDOR ID: #2
PRODUCT ID :#6
COMPANY B
PRODUCT C
VENDOR ID: #10
PRODUCT ID :#21
COMPANY B
PRODUCT D
VENDOR ID: #10
PRODUCT ID :#22
COMPANY C
PRODUCT E
VENDOR ID: #83
PRODUCT ID :#30
23
DRIVER STORAGE REGION
DRIVER A
DRIVER ID: #1
DRIVER B
DRIVER ID: #2
DRIVER C
DRIVER ID: #3
DS

FIG. 4


START
SA1
OBTAIN INFORMATION OF A CONNECTED EXTERNAL DEVICE
SA2
SEARCH A DRIVER WITH REFERENCE TO USER LIST WITH THE EXTERNAL DEVICE INFORMATION AS A KEY
SA3
SA4
REGISTERED AS AN UNSUPPORTED DEVICE?
YES
NO
SA5
YES
THE CORRESPONDING DRIVER DETECTED?
NO
SEARCH THE DRIVER WITH REFERENCE TO PRESET LIST WITH THE EXTERNAL DEVICE INFORMATION AS A KEY
SA6
SA7
YES
THE CORRESPONDING DRIVER DETECTED?
NO
LOAD ONE UNTESTED DRIVER
SA8
EXECUTE A COMMAND SEQUENCE
SA9
SA10
SUCCESSFULLY COMPLETED?
NO
SA11
ALL DRIVERS HAVE BEEN TESTED?
NO
YES
SA13
INQUIRE OF USER TO USE EXTERNAL DEVICE WITHOUT OPERATION GUARANTEE
YES
ADD THE EXTERNAL DEVICE TO THE TOP OF THE USER LIST AS AN UNSUPPORTED DEVICE
SA12
SA14
USE THE EXTERNAL DEVICE?
NO
YES
SET APPARATUS NOT TO USE THE EXTERNAL DEVICE
SA17
ADD RELATIONSHIP BETWEEN THE EXTERNAL DEVICE AND THE DRIVER TO THE USER LIST
SA15
SA16
SET APPARATUS TO USE THE EXTERNAL DEVICE BY USING THE SPECIFIC DRIVER
END
SA18