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06-18-1999

Docket No. P7156-9031

June 3, 1999



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09/324729  
06/13/99

1. Name of conveying party(ies)

Toshifumi KATO; Satoshi HACHIYA; Takeshi IWATA

Additional name(s) of conveying party(ies) attached?

Yes  No

2. Name and address of receiving party(ies):

Name: (1) PIONEER ELECTRONIC CORPORATION;

(2) TOHOKU PIONEER ELECTRONIC CORPORATION

Street Address: (1) 4-1, Meguro 1-chome

Meguro-ku, Tokyo, JAPAN;

(2) 1105, Aza Nikko, Ooaza Kunomoto,

Tendo-shi, Yamagata-ken, Japan

City: State: Zip:

Additional name(s) & address(es) attached?

Yes  No

3. Nature of conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other

Execution Date: May 31, 1999

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: May 31, 1999

A. Patent Application No.(s)

B. Patent No.(s)

New Application

09/324 729

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: NIKAIDO, MARCELSTEIN, MURRAY & ORAM LLP

Internal Address:

Street Address: Metropolitan Square, 655 15th St., N.W.,

Suite 330 - G Street Lobby

City: Washington State: DC Zip: 20005-5701

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41)..... \$ 40.00

Included in check #19781 enclosed

Any additional fees are authorized to be charged to deposit account

8. Deposit account number:

14-1060

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

David T. Nikaido  
Name of Person Signing  
Reg. No. 22,663

June 3, 1999  
Date

Total number of pages including cover sheet, attachments and document: 2

Docket No. \_\_\_\_\_

# U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by

(1) Pioneer Electronic Corporation of  
4-1, Meguro 1-chome, Meguro-ku, Tokyo, Japan

(2) Tohoku Pioneer Electronic Corporation of  
1105, Aza Nikko, Ooaza Kunomoto, Tendo-shi, Yamagata-ken, Japan

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

"LOUDSPEAKER"

[Insert  
ASSIGNEE's  
Name(s)  
Address(es)]

[Title of  
Invention]

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

[\*If the assignment  
is being filed  
after the  
filing of the  
application, this  
section must be  
completed]

\*filed on \_\_\_\_\_, Serial No. \_\_\_\_\_

(Nikaido, Marmelstein, Murray & Oram is hereby authorized to insert the serial code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with application and any continuing, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, division, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

[Signature(s)]

<u>Toshifumi Kato</u> (SIGNATURE)	<u>Toshifumi KATO</u> (TYPE NAME)	<u>May 31, 1999</u> (DATE)
<u>Satoshi Hachiya</u> (SIGNATURE)	<u>Satoshi HACHIYA</u> (TYPE NAME)	<u>May 31, 1999</u> (DATE)
<u>Takeshi Iwata</u> (SIGNATURE)	<u>Takeshi IWATA</u> (TYPE NAME)	<u>May 31, 1999</u> (DATE)
_____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
_____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
_____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
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NO LEGALIZATION REQUIRED

**PATENT**

**RECORDED: 06/03/1999**

**REEL: 010025 FRAME: 0718**