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U.S. DEPARTMENT OF COMMERCE  
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103202741  
**PATENTS ONLY**

03.14.06

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies):**

Kenichi Hasegawa (3/3/2006), Seiji Matsui (3/3/2006), Yoshihiro Takechi (3/3/2006), Yoichiro Okoshi (3/3/2006), and

Additional name(s) of conveying party(ies) attached?  Yes  No

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

Name: NEC Display Solutions, Ltd.

Internal Address: \_\_\_\_\_

Street Address: \_\_\_\_\_

13-23, Shibaura 4-chome, Minato-ku  
Tokyo  
JAPAN

Additional name(s) & address(es) attached?  Yes  No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s): in parentheses after inventor name

Assignment  Merger  Change of Name

Security Agreement  Joint Research Agreement

Government Interest Assignment

Executive Order 9424, Confirmatory License

Other \_\_\_\_\_

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

This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: S. Peter Ludwig  
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**6. Total number of applications and patents involved:**

1

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number \_\_\_\_\_  
Authorized User Name \_\_\_\_\_

**9. Signature:**

*S. Peter Ludwig*  
Signature

March 14, 2006  
Date

S. Peter Ludwig - 25,351  
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:  5

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RECORDATION FORM COVER SHEET  
(continued)

Additional Conveying Party(ies)/Execution Date(s) (1. Continued):

Naoto Fukasawa (3/3/2006)

Additional Assignees (2. Continued):

Assignee Name: \_\_\_\_\_

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Internal Address:

Street Address:

City: \_\_\_\_\_ State: \_\_\_\_\_ Country: \_\_\_\_\_ Zip: \_\_\_\_\_

Additional Applications and/or Patents (4. Continued):

Additional Patent Application Numbers  
4A. Continued:

Additional Patent Numbers  
4B. Continued:

Additional numbers attached?

Yes

No

Attorney Docket No.: \_\_\_\_\_

**ASSIGNMENT**

I, Kenichi HASEGAWA, a citizen of Japan, residing at

c/o NEC Display Solutions, Ltd., 13-23, Shibaura 4-chome, Minato-ku, Tokyo; JAPAN; and

I, Seiji MATSUI, a citizen of Japan, residing at

c/o NEC Display Solutions, Ltd., 13-23, Shibaura 4-chome, Minato-ku, Tokyo; JAPAN; and

I, Yoshihiro TAKECHI, a citizen of Japan, residing at

c/o NEC Display Solutions, Ltd., 13-23, Shibaura 4-chome, Minato-ku, Tokyo; JAPAN; and

I, Yoichiro OKOSHI, a citizen of Japan, residing at

c/o NEC Display Solutions, Ltd., 13-23, Shibaura 4-chome, Minato-ku, Tokyo; JAPAN; and

I, Naoto FUKASAWA, a citizen of Japan, residing at

c/o Naoto Fukasawa Design Ltd., 17-20, Jingumae 5-chome, Shibuya-ku, Tokyo; JAPAN

and each of us, if more than one person is identified above (hereinafter "ASSIGNOR") in consideration of the sum of Ten Dollars (\$10.00), or the equivalent thereof, and other good and valuable consideration, the sufficiency of which and receipt of which are hereby acknowledged, paid to ASSIGNOR by

NEC Display Solutions, Ltd.

a corporation organized under the laws of Japan, located at

13-23, Shibaura 4-chome, Minato-ku, Tokyo, JAPAN (hereinafter "ASSIGNEE"), do hereby sell and assign to said ASSIGNEE, its successors and assigns, the below indicated right, title, and interest, **in and for the United States of America only** in and to my Invention entitled:

Speaker Unit for Computer Display

invented by me and described in the specification bearing the above Attorney Docket No. and title executed by me concurrently herewith; and Patent Application No. \_\_\_\_\_, filed on \_\_\_\_\_, in Japan and all patents, divisions, reissues, continuations and any extensions thereof and rights of priority therein, said interest being my entire ownership interest in the same, to be held and enjoyed by said ASSIGNEE, its successors, assigns, or other legal representatives, to the full end of the term thereof, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not be made;

And for the consideration aforesaid, I hereby covenant and agree to and with said ASSIGNEE, its successors and assigns, that whenever ASSIGNEE, its counsel or representative, or the counsel or representative of its successors or assigns, shall advise that an amendment to, or a division of, or any other proceeding or action in connection with an application concerning said Invention, including interference proceedings, is lawful and desirable, or that a reissue or continuation or extension of such application or patent issuing therefrom is lawful and desirable, I will sign all papers and drawings, take all rightful oaths and affidavits, and do all acts necessary or required to be done for the procurement of all lawful rights associated with the Invention, or for the reissue or continuation or extension of the same, will do all acts necessary or required to secure in said ASSIGNEE, its successors or assigns, the title to and full benefit of all rights hereby assigned, without charge to said ASSIGNEE or its successors or assigns, but at its or their expense; and I hereby appoint every present or future officer of said ASSIGNEE as my agent to sign all such papers and to do all such necessary acts on my behalf, to the fullest extent permitted by law;

And I hereby authorize and request the Commission of Patents and Trademarks and any other granting authority to issue any Letters Patent resulting from said Invention and application(s) concerning same to said ASSIGNEE.

This assignment shall have an effective date corresponding to the last date of execution.

I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be

presented, that I have signed this document as my own free act and that all of the foregoing is true and correct.

Dated: March 3, 2006

Kenichi Hasegawa  
Kenichi HASEGAWA, Inventor

Dated: March 3, 2006

S. Matsui  
Seiji MATSUI, Inventor

Dated: March 3, 2006

Y. Takechi  
Yoshihiro TAKECHI, Inventor

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