|   |  | Docket N  | o.: NEC 149482   |                                  |
|---|--|---|--|----------------------------------|
| PORM PTO-1595 (Modified)<br>(Rev. 03-01)<br>OMB No. 0651-0027 (exp.5/31/2002)<br>P08A/REV03   | 06-02-2004   |   | U.S. DEPARTMENT OF COMMERCE<br>Patent and Trademark Office |                                  |
| Tab settings 🔶 🔶 🔍  | 102756670  | • • • • • • • • • • • • • • • • • • •   | ▼  | ▼                                |
|   | s Patern 2.00/6  | ease record the attached  | -  | or copy thereof.                 |
| 1. Name of conveying party(ies):<br>Tae YOSHIKAWA   | 5.19.04  | 2. Name and address of rece<br>Name: NEC LCD Techno                                     |  | PTO                              |
|   |  | Address: 1753 Shimonum  |  | 18<br>18<br>18<br>18<br>18<br>18 |
| Additional names(s) of conveying party(ies)   | 🗋 Yes 🛛 No   | Nakahara-ku, K  |  | 2141<br>10/8/                    |
| 3. Nature of conveyance:  |  |   |  | Š                                |
| 🛛 Assignment  | Merger   |   |  |                                  |
| □ Security Agreement □  | Change of Name   | City: Kanagawa  | State/Prov   | v.:                              |
| Other   |  | Country: JAPAN  | ZIP: 211-  | 8666                             |
| Execution Date: May 12, 2004  |  | Additional name(s) & address(es)  | 🗆 Yes  | 🛛 No                             |
| Patent Application No. Filing d<br>05/21/2004 HMARZI1 00000053 10848716<br>02 FC:8021 40.00 f | )  | B. Patent No.(s)  |  |                                  |
| ,   | / Additional numbers                                     | 🗌 Yes 🛛 No  |  |                                  |
| 5. Name and address of party to whom correspondence<br>concerning document should be mailed:  |  | 6. Total number of applications and patents involved:                                   |  |                                  |
| Name: Norman P. Soloway   |  | 7. Total fee (37 CFR 3.41):\$ 40.00   |  |                                  |
| Registration No. 24,315   |  | Enclosed - Any excess or insufficiency should be credited or debited to deposit account |  |                                  |
| Address: HAYES SOLOWAY P.C.   |  |   |  |                                  |
| 130 W. Cushing Street   |  | Authorized to be charged to deposit account   |  |                                  |
|   |  | 8. Deposit account number:  |  |                                  |
| City: <u>Tucson</u> Stat  | e/Prov.: Arizona   | 08-1391   |  |                                  |
| Country: U.S.A. ZIP:  | 85701  | (Attach duplicate copy of this p  | age if paying by deposit                                   | t account)                       |
| 9. Statement and signature.   | DO NOT L   | JSE THIS SPACE  |  |                                  |
| To the best of my knowledge and believed of the original document.                            | f, the foregoing informa                                 | ation is true and correct and an $A$  | ny attached copy is  | a true copy                      |
| Norman P. Soloway   | 7 Oru  | were ~  | May 19, 2004   |                                  |
| Name of Person Signing  |  | Signature   | 3 Date   |                                  |
|   |  | ver sheet, attachments, and documer   |  |                                  |
| Ma  | Mail Stop Assignment                                     |   |  |                                  |
|   | Director of the United States I<br>P.O. Box 1450, Alexan |   | PATENT   |                                  |
|   |  |   | 384 FRAME: 0   | )590                             |

## <u>ASSIGNMENT</u>

## FOREIGN · IN THE UNITED STATES OF AMERICA

I/<u>we Tae YOSHIKAWA</u>

of \_\_\_\_\_ Kanagawa, Japan

having invented certain inventions and improvements in\_\_\_\_

LCD DEVICE HAVING A SMALLER LEVEL DIFFERENCE

and having executed an application for Letters Patent of the United States of America describing the same and based thereon on\_\_\_\_\_\_\_; (and I/we hereby authorize our attorneys, authorized to prosecute said application, to here insert the filing date and serial number of said application, when known, Serial No.\_\_\_\_\_\_, filed acknowledged from <u>NEC LCD Technologies, Ltd.</u>, a Japanese corporation having its principal place of business at <u>1753 Shimonumabe</u>, <u>Nakahara-ku</u>, <u>Kawasaki</u>, <u>Kanagawa 211-8666</u>, <u>Japan</u>, (hereinafter called Assignee), do hereby sell, assign and transfer unto the Assignee, its successors, and assigns my/our entire right, title, and interest, in and to said invention in the United States of America, including all rights, title and interest in the above-mentioned application and any divisional, continuing or reissue application or applications and any patent which may be issued on the said invention in the United States of America;

And for the same consideration I/we do agree that I/we will upon request execute any instrument which the Assignee may desire to carry this Assignment into effect and perfect the title transferred hereby or prosecute the above-mentioned application;

And I/we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America to issue Letters Patent on the said application to the Assignee;

And I/we do hereby jointly and severally convenient for ourselves and for our legal representatives that I/we have granted no right or license to make, use, or sell said inventions to anyone except the assignee, that prior to the execution of this deed our right, title, and interest in and to said inventions or any of them or any part thereof has not been otherwise encumbered by us, and that I/we have not executed and will not execute any instrument in conflict herewith.

## PATENT REEL: 015384 FRAME: 0591

IN WITNESS WHEREOF, I/we hereunto set our hands and seals on the day and year hereinafter noted.

| Sole or first Inventor's<br>signature <u>Tal Yoshi'kawa</u> |          |
|---|----------|
| Full name (typed or printed) Tae YOS                        |          |
| Witness: <u>miteur miwa</u>                                 |          |
| Date:   | Vicence  |
| Dutt'   | Digite   |
| Second Inventor's   |          |
| signature   | Date     |
|   |          |
| Witness:  |          |
|   | Date:    |
|   | Date     |
| Date:   | Date:    |
| Fourth Inventor's   |          |
| signature   |          |
| Full name (typed or printed)                                |          |
|   | Witness: |
| Date:   | Date:    |
|   | 2        |
|   |          |

## PATENT REEL: 015384 FRAME: 0592

**RECORDED: 05/19/2004**