

08-13-2004



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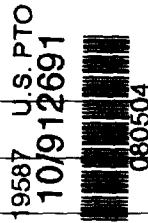
U.S. DEPARTMENT OF COMMERCE  
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To the Honorable Director of the United States Patent and Trademark Office, record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
**Yoko KOCHA**  
**Hidenori IKENO**  
**Hiroki SATO**  
*8.504*  
Additional names(s) of conveying party(ies)  Yes  No

2. Name and address of receiving party(ies):  
Name: **NEC LCD Technologies, Ltd.**  
Address: **1753 Shimonumabe**  
**Nakahara-ku, Kawasaki**  
City: **Kanagawa** State/Prov.: \_\_\_\_\_  
Country: **JAPAN** ZIP: **211-8666**  
Additional name(s) & address(es)  Yes  No



3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_  
Execution Date: **July 28, 2004**

4. Application number(s) or patent numbers(s):  
If this document is being filed together with a new application, the execution date of the application is: **July 28, 2004**  
Patent Application No. Filing date B. Patent No.(s)  
(08/10/2004 MAR211 00000010 10912691 )  
(02 FC:8021 40.00 JP)  
Additional numbers  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: **Norman P. Soloway**  
Registration No. **24,315**  
Address: **HAYES SOLOWAY P.C.**  
**130 W. Cushing Street**  
City: **Tucson** State/Prov.: **Arizona**  
Country: **U.S.A.** ZIP: **85701**

6. Total number of applications and patents involved: **1**  
7. Total fee (37 CFR 3.41):.....\$ **40.00**  
 Enclosed - Any excess or insufficiency should be credited or debited to deposit account  
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**08-1391**  
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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.*  
**Norman P. Soloway** *Norman P. Soloway* **August 5, 2004**  
Name of Person Signing Signature Date  
Total number of pages including cover sheet, attachments, and document: **3**

ASSIGNMENT

FOREIGN - IN THE UNITED STATES OF AMERICA

I/we Yoko KOCHA and Hidenori IKENO of Kanagawa, Japan  
and Hiroki SATO of Akita, Japan

having invented certain inventions and improvements in \_\_\_\_\_  
ACTIVE-MATRIX COLOR LCD DEVICE HAVING A POLISHED COLOR FILTER SUBSTRATE


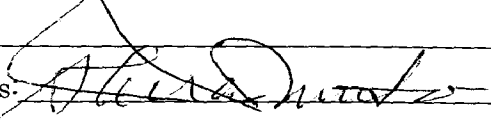
and having executed an application for Letters Patent of the United States of America describing the same and based thereon on \_\_\_\_\_; (and I/we hereby authorize our attorneys, authorized to prosecute said application, to here insert the filing date and serial number of said application, when known, Serial No. \_\_\_\_\_, filed acknowledged from NEC LCD Technologies, Ltd., a Japanese corporation having its principal place of business at 1753 Shimonumabe, Nakahara-ku, Kawasaki, Kanagawa 211-8666, Japan, (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;


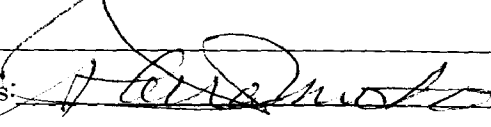
And for the same consideration I/we do agree that I/we will upon request execute any instrument which the Assignee may desire to carry this Assignment into effect and perfect the title transferred hereby or prosecute the above-mentioned application;


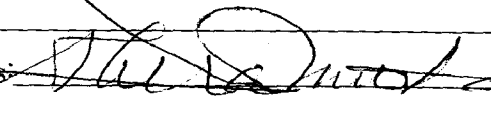
And I/we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America to issue Letters Patent on the said application to the Assignee;

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.

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

Sole or first Inventor's  
signature Yoko Kocha  Date July 28, 2004  
Full name (typed or printed) Yoko KOCHA  
Witness: Mituo Miwa Witness:   
Date: \_\_\_\_\_ Date: \_\_\_\_\_

Second Inventor's  
signature Hidenori Ikeno  Date July 28, 2004  
Full name (typed or printed) Hidenori IKENO  
Witness: Mituo Miwa Witness:   
Date: \_\_\_\_\_ Date: \_\_\_\_\_

Third Inventor's  
signature Hiroki Sato  Date July 28, 2004  
Full name (typed or printed) Hiroki SATO  
Witness: Mituo Miwa Witness:   
Date: \_\_\_\_\_ Date: \_\_\_\_\_

Fourth Inventor's  
signature \_\_\_\_\_ Date \_\_\_\_\_  
Full name (typed or printed) \_\_\_\_\_  
Witness: \_\_\_\_\_ Witness: \_\_\_\_\_  
Date: \_\_\_\_\_ Date: \_\_\_\_\_