

04-25-2003



HEET

U.S. DEPARTMENT OF COMMERCE  
 Patent and Trademark Office

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To the Honorable Commissioner of

102431724

the attached original documents or copy thereof.

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

NEC Corporation

4.71.03

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

Name: NEC LCD Technologies, Ltd.

Address: 1753 Shimonumabe,

Nakahara-ku

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

City: Kawasaki State/Prov.: Kanagawa

Country: Japan ZIP:

Execution Date: April 1, 2003

Additional name(s) &amp; address(es)

☐ Yes ☒ No

## 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:

Patent Application No.

Filing date

B. Patent No.(s)

09 986,109

November 7, 2001

Additional numbers

☐ Yes ☒ No

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

Name: Sean M. McGinn, Esq.

Registration No. 34,386

Address: McGinn &amp; Gibb, PLLC

8321 Old Courthouse Road

Suite 200

City: Vienna State/Prov.: Virginia

Country: USA ZIP: 22182-3817

## 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☐ Authorized to be charged to deposit account

## 8. Deposit account number:

50-0481

(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.

Sean M. McGinn, Esq.

Name of Person Signing

Signature

April 21, 2003

Date

Total number of pages including cover sheet, attachments, and

04/24/03 JMLE:LER 00000088 09986109

Mail documents to be recorded with required cover sheet information to:  
 Commissioner of Patents & Trademarks, Box Assignments  
 Washington, D.C. 20231

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# *Assignment*

Whereas, NEC Corporation, a Japanese corporation, having a place of business at 7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan, hereinafter called Assignor, is the owner and assignee of record of the pending applications listed on the attached Schedule A; and

Whereas, NEC LCD Technologies, Ltd., a Japanese corporation, having a place of business at 1753 Shimonumabe, Nakahara-ku, Kawasaki, Kanagawa Japan, hereinafter called Assignee, desires to acquire the Assignor's entire right, title, and interest in said applications listed on the attached Schedule A;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged;

Assignor hereby sells, assigns and transfers to Assignee, its successors and assigns, its entire right, title and interest including rights to recover for past infringement in the applications listed on the attached Schedule A;

IN WITNESS WHEREOF, Assignor has executed this Assignment by proper persons duly authorized.

NEC Corporation

Date: April 1, 2003




Name: Masao Maruyama

Title: Chief Manager, Planning Division,  
Intellectual Asset Operations Unit

Witness:

Date: April 1, 2003



Name: Akira Muto

***Schedule A***  
**Patent Applications**

Serial No.	File Date(Y.M.D)
09/696973	2000.10.27
09/726418	2000.12.01
09/735806	2000.12.14
10/314299	2002.12.09
09/772864	2001.01.31
09/788503	2001.02.21
09/805139	2001.03.14
10/300574	2002.11.21
09/805926	2001.03.15
09/813822	2001.03.22
09/870749	2001.06.01
09/877141	2001.06.11
09/877180	2001.06.11
09/897909	2001.07.05
09/901034	2001.07.10
09/902710	2001.07.12
10/247359	2002.09.20
10/247735	2002.09.20
09/924059	2001.08.08
09/925601	2001.08.10
09/929488	2001.08.15
09/932029	2001.08.20
09/986109	2001.11.07
10/014508	2001.12.14
10/014509	2001.12.14
10/058092	2002.01.29
10/073288	2002.02.13
09/459280	2002.02.07
09/498064	2000.02.04
09/513923	2000.02.28
09/522609	2000.03.10
09/527529	2000.03.16
10/145120	2002.05.15
10/166043	2002.06.11

10/177016	2002.06.24
10/184910	2002.07.01
10/193164	2002.07.12
09/533075	2000.03.22
09/543767	2000.04.05
10/293487	2002.11.14
09/609169	2000.06.30
10/198092	2002.07.19
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10/245369	2002.09.18
10/269979	2002.10.15
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10/284306	2002.10.31
10/289369	2002.11.07
US Application corresponding to Japanese Application No.2002-003005	2003.01.09
US Application corresponding to Japanese Application No.2002-021184	2003.01.29
US Application corresponding to Japanese Application No.2002-024864	2003.01.30
US Application corresponding to Japanese Application No.2002-030181	2003.02.04
09/613463	2000.07.10
09/626114	2000.07.26
09/669849	2000.09.27
09/667705	2000.09.22
Divisional Application of Serial No.09/667705	2003.01.24
09/689901	2000.10.13
09/695212	2000.10.25
09/695321	2000.10.25
09/711504	2000.11.14
09/839296	2001.04.23
09/874296	2001.06.06

10/035222	2002.01.04
10/338829	2003.01.09
10/309016	2002.12.04
US Application corresponding to Japanese Application No.2002-57275	
US Application corresponding to Japanese Application No.2002-90416	
US Application corresponding to Japanese Application No.2002-91993	
US Application corresponding to Japanese Application No.2002-96006	

**STATEMENT UNDER 37 CFR 3.73(b)**

Applicant: Matsumoto, et al.

Application No.: 09/986,109

Filed: November 7, 2001

Entitled: LIQUID CRYSTAL DISPLAY DEVICE AND METHOD FOR MANUFACTURING SAME AND  
COLOR FILTER SUBSTRATE

NEC Corporation

, a Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of an undivided part interest

in the patent application identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel 012300, Frame 0671, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
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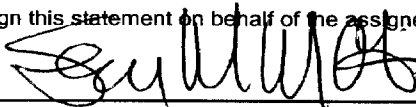
- ☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☐ Copies of assignments or other documents in the chain of title are attached.

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

April 21, 2003

Date



Signature

Sean M. McGinn, Esq., Reg. No. 34,386

Typed or printed name

Attorney of Record

Title

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In re patent application of**

Matsumoto, et al.

**Serial No.:** 09/986,109

**Group Art Unit:** 2871

**Filing Date:** November 7, 2001

**Examiner:** Unknown

**For:** LIQUID CRYSTAL DISPLAY DEVICE AND METHOD FOR  
MANUFACTURING SAME AND COLOR FILTER SUBSTRATE

Commissioner of Patents  
Washington, D.C. 20231

**SUBMISSION OF ASSIGNMENT**

Sir:

Kindly record and return to the undersigned the attached Assignment from NEC Corporation to NEC LCD Technologies, Ltd., for the above-identified patent application. A check in the amount of \$40.00 for the recordation fee, as well as an executed Statement under 37 CFR 3.73(b) are attached hereto.

Respectfully submitted,

Sean M. McGinn, Esq.  
Registration No. 34,386

Date: 4/21/03

**McGinn & Gibb, PLLC**  
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Vienna, VA 22182-3817  
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