

FORM PTO-1595 (modified)

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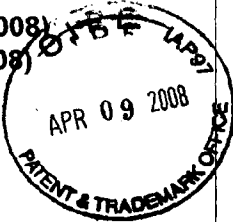
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Attached original documents or copies thereof.

To the Director of the United States Patent a

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

Tadahiro OHMI (March 13, 2008)  
 Takaaki MATSUOKA (March 3, 2008)  
 Shozo NAKAYAMA (March 6, 2008)  
 Hironori ITO (March 6, 2008)



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

Tohoku University  
 1-1, Katahira 2-chome, Aoba-ku  
 Sendai-shi, Miyagi, 980-8577 Japan

Tokyo Electron Limited  
 3-6, Akasaka 5-chome  
 Minato-ku, Tokyo, 107-8481 Japan

Additional conveying party(ies)

NO

## 3. Nature of conveyance:

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Execution Date:

See above

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

NO

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

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

A. Patent Application Number(s):

11/991,475

B. Patent Number(s):

Additional numbers attached? NO

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

George C. Beck  
 FOLEY & LARDNER LLP  
 Washington Harbour  
 3000 K Street NW, Suite 500  
 Washington, D.C. 20007-5143  
 FAX: (202) 672-5399

## 6. Total number of applications/patents involved:

1

## 7. Total fee (37 C.F.R. § 3.41):

\$40.00

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## 8. Payment Information

a. Credit Card Last 4 Numbers 4191  
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Philip J. Anticola  
 George C. Beck

Philip J. Anticola

April 9, 2008

Name of person signing

Signature

Date

Reg. No. 38,819

Total number of pages including cover sheet, attachments, and document: 7

04/10/2008 AWONDAF1 00000025 11991475

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PATENT

REEL: 020802 FRAME: 0206

**ASSIGNMENT**

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

*name and address of assignee*      TOHOKU UNIVERSITY  
    1-1, Katahira 2-chome, Aoba-ku, Sendai-shi, Miyagi 980-8577, Japan; and  
    TOKYO ELECTRON LIMITED  
    3-6, Akasaka 5-chome, Minato-ku, Tokyo 107-8481, Japan

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to this invention relating to

*title of invention*      FILM FORMING APPARATUS, FILM FORMING SYSTEM, FILM FORMING METHOD, AND METHOD OF MANUFACTURING ELECTRONIC DEVICE OR ORGANIC ELECTROLUMINESCENCE ELEMENT

as set forth in this United States Patent Application

*check one*      ☐ executed concurrently herewith  
                          ☐ executed on \_\_\_\_\_  
                          ☒ filed as International Patent Application No. PCT/JP2006/317499 on Sept. 5, 2006

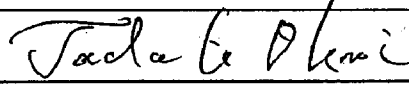
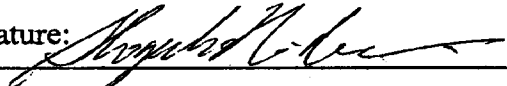

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Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of **FOLEY & LARDNER** the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

<b><i>NAMES AND SIGNATURES OF INVENTORS</i></b>		
Name: TADAHIRO OHMI	Signature: 	Date: 3/13/2008
Name: TAKAAKI MATSUOKA	Signature:	Date:
Name: SHOZO NAKAYAMA	Signature:	Date:
Name: HIRONORI ITO	Signature:	Date:
<b><i>NAMES AND SIGNATURES OF WITNESSES</i></b>		
Name: SHIGEMICHI NIDAIRA	Signature: 	Date: 3/13/2008
Name: SHIGERU MATSUNAWA	Signature: 	Date: 3/13/2008

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*name and* TOHOKU UNIVERSITY  
*address of* 1-1, Katahira 2-chome, Aoba-ku, Sendai-shi, Miyagi 980-8577, Japan; and  
*assignee* TOKYO ELECTRON LIMITED  
3-6, Akasaka 5-chome, Minato-ku, Tokyo 107-8481, Japan

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*invention* FORMING METHOD, AND METHOD OF MANUFACTURING ELECTRONIC  
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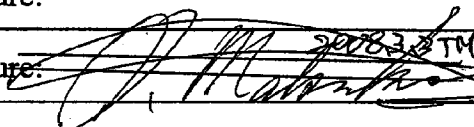
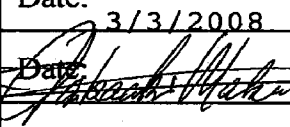
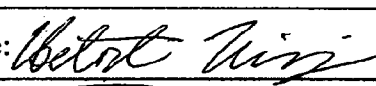

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Name: TADAHIRO OHMI	Signature:	Date: 3/3/2008
Name: TAKAAKI MATSUOKA	Signature: 	Date: 
Name: SHOZO NAKAYAMA	Signature:	Date:
Name: HIRONORI ITO	Signature:	Date:
<b>NAMES AND SIGNATURES OF WITNESSES</b>		
Name: HITOSHI MIZUSUGI	Signature: 	Date:
Name: TAKETOSHI ITOYAMA	Signature: 	Date:

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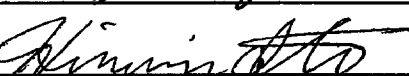
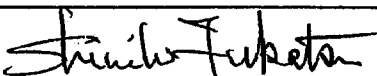

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<b>NAMES AND SIGNATURES OF WITNESSES</b>		
Name: SHINICHI FUKATSU	Signature: 	Date: 3/6/2008
Name: TSUTOMU SATO	Signature: 	Date: 3/6/2008

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