

10/8/04

Atty Docket No.: 243414US6YA

FORM PTO-1595  
06-04

10-15-2004



102860046

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

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

Dorel Ioan TOMA  
Jianhong ZHU  
Kazuhiro HAMAMOTOAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

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

Name: TOKYO ELECTRON LIMITED  
Address: 3-6, Akasaka 5-chome, Minato-ku, Tokyo, Japan  
107-8481

## 3. Nature of Conveyance:

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

Execution Date: September 3, 3, 15, 2004

Additional name(s) and address(es) attached? ☐ Yes ☒ No

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

☐ This document is being filed together with a new application

## A. Patent Application No.(s)

10/682,196

## B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

## Customer Number

22850

Tel. (703) 413-3000  
Fax. (703) 413-2220

## 6. Total applications and patents involved: 1

## 7. Total fee (37 CFR 3.41): \$40.00

- ☒ Enclosed  
☐ Authorized to be charged to deposit account

## 8. Deposit account number: 15-0030

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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.*Edwin D. Garlepp  
Name of Person Signing

  
Signature


  
Date

Registration Number: 45,330

Total number of pages including this cover sheet: 5

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10/12/2004 SDIRETA1 00000028 10682196

01 10/12/04 10:00 AM

PATENT  
 REEL: 015876 FRAME: 0755

243414US6YA

# Assignment of Application

INSERT NAMES  
AND RESIDENCE  
ADDRESS OF  
THE INVENTORS:

WHEREAS, I (WE) Dorel Ioan TOMA of Dripping Springs, Texas

Jianhong ZHU of Austin, Texas

Kazuhiro HAMAMOTO of Delmar, New York

, respectively,

INSERT TITLE OF  
INVENTION:

have invented certain new and useful improvements in: Method and System for Treating a Dielectric Film

INSERT DATE  
INVENTORS SIGNED  
DECLARATION:

For which an application for Letters Patent was executed on \_\_\_\_\_

(Application No. 10/682,196, filed October 10, 2003), and

WHEREAS, Tokyo Electron Limited

INSERT NAME  
AND ADDRESS OF  
COMPANY OR  
OTHER ASSIGNEE

(hereinafter referred to as "ASSIGNEE") having places of business at: 3-6, Akasaka 5-chome, Minato-ku, Tokyo, Japan 107-8481 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

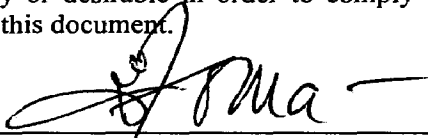
10/01

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

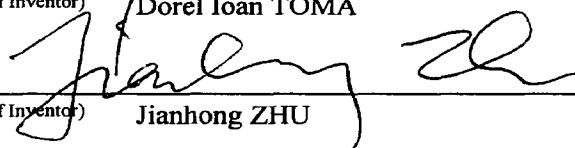
Date: 9.3.04

(Signature of Inventor)

  
Dorel Ioan TOMA

Date: 9.3.04

(Signature of Inventor)

  
Jianhong ZHU

Date: \_\_\_\_\_

(Signature of Inventor)

Kazuhiro HAMAMOTO

Date: \_\_\_\_\_

(Signature of Inventor)

Date: \_\_\_\_\_

(Signature of Inventor)

Date: \_\_\_\_\_

(Signature of Inventor)

**OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.**  
ATTORNEYS AT LAW  
1940 DUKE STREET  
ALEXANDRIA, VIRGINIA 22314

243414US6YA

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Date: \_\_\_\_\_

(Signature of Inventor) Dorel Ioan TOMA

Date: \_\_\_\_\_

(Signature of Inventor) Jianhong ZHU

Date: 9/15/04

(Signature of Inventor) Kazuhiro HAMAMOTO

Date: \_\_\_\_\_

(Signature of Inventor)

Date: \_\_\_\_\_

(Signature of Inventor)

Date: \_\_\_\_\_

(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.  
ATTORNEYS AT LAW  
1940 DUKE STREET  
ALEXANDRIA, VIRGINIA 22314

10/01

RECORDED: 10/08/2004

PATENT  
REEL: 015876 FRAME: 0759