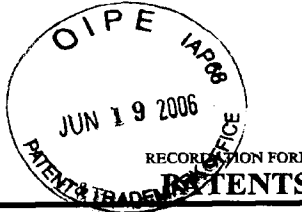


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06-23-2006

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Atty Docket No.: 288360US6YA

FORM PTO-1595
06-04



DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Director of the United States Patent and Trademark Office. 103262891 ents or copy thereof.

<p>1. Name of conveying party(ies): Anthony DIP Allen John LEITH Suengho OH</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies): Name: TOKYO ELECTRON LIMITED Address: TBS Broadcast Center, 3-6, Akasaka 5-chome, Minato-ku, Tokyo 107-8481, Japan</p> <p>Additional name(s) and address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other</p> <p>Execution Date: April 25, 25, 17, 2006</p>	

4. Application number(s) or patent number(s):
 This document is being filed together with a new application

<p>A. Patent Application No.(s) 11/393,736</p>	<p>B. Patent No.(s)</p>
<p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Customer Number 22850 Tel. (703) 413-3000 Fax. (703) 413-2220</p>	<p>6. Total applications and patents involved: 1</p> <p>7. Total fee (37 CFR 3.41): \$40.00 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit account number: 15-0030 (Attach duplicate copy of this page if paying by deposit account)</p>
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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.

<p>Steven P. Weihrouch Name of Person Signing</p>	<p> Signature Edwin D. Garlepp Registration No. 45,330</p>	<p>6/19/06 Date</p>
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Registration Number: 32,829

Total number of pages including this cover sheet: 5

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Director of the United States Patent and Trademark Office
Mail Stop Assignment Recordation Services
Alexandria, Virginia. 22313

Assignment of Application

INVENTOR'S NAME
RESIDENCE
ADDRESS
INVENTORS:

WHEREAS, I (WE) Anthony Dip, Cedar Creek, TX
Allen John Leith, Austin, TX
Seunggho Oh, Austin, TX

 _____, respectively,

INVENTION TITLE

have invented certain new and useful improvements in: SEQUENTIAL OXIDE REMOVAL USING FLUORINE
AND HYDROGEN

 (Application No. 11/393,736, filed March 31, 2006), and

ASSIGNEE NAME
ADDRESS
COMPANY OR
OTHER ASSIGNEE

WHEREAS, Tokyo Electron Limited

 (hereinafter referred to as "ASSIGNEE") having a place of business at: TBS Broadcast Center, 3-6, Akasaka 5-chome,
Minato-ku, Tokyo 107-8481, Japan 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.

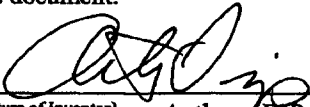
I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions
 and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the
 assignee of my (our) entire right, title and interest in and to the 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.

12/04


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: 4-25-06


(Signature of Inventor) Anthony DIP

Date: 4/25/06


(Signature of Inventor) Allen John LEITH

Date: _____

(Signature of Inventor) Suengho OH

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

Assignment of Application

INVENTOR NAMES AND RESIDENCE ADDRESSES OF INVENTORS:

WHEREAS, I (WE) Anthony Dip, Cedar Creek, TX
Allen John Leith, Austin, TX
Seungho Oh, Austin, TX

), respectively,

INVENTION TITLE:

have invented certain new and useful improvements in: SEQUENTIAL OXIDE REMOVAL USING FLUORINE AND HYDROGEN

(Application No. 11/393,736, filed March 31, 2006), and

WHEREAS, Tokyo Electron Limited

NAME AND ADDRESS OF COMPANY OR INDIVIDUAL TO WHOM THIS ASSIGNMENT IS MADE:

(hereinafter referred to as "ASSIGNEE") having a place of business at: TBS Broadcast Center, 3-6, Akasaka 5-chome, Minato-ku, Tokyo 107-8481, Japan 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.

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Date: _____

(Signature of Inventor) Anthony DIP

Date: _____

(Signature of Inventor) Allen John LEITH

Date: 4-17-06

(Signature of Inventor) 
(Signature of Inventor) Suengho OH

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

12/04