

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Tomohiro NAKASHIMA</td> <td>08/20/2012</td> </tr> <tr> <td>Shin INOUE</td> <td>08/24/2012</td> </tr> <tr> <td>Yoshitaka HARA</td> <td>08/20/2012</td> </tr> <tr> <td>Izumi HASEGAWA</td> <td>08/21/2012</td> </tr> <tr> <td>Kunie OGATA</td> <td>08/21/2012</td> </tr> <tr> <td>Takuya MORI</td> <td>08/22/2012</td> </tr> </tbody> </table>		Name	Execution Date	Tomohiro NAKASHIMA	08/20/2012	Shin INOUE	08/24/2012	Yoshitaka HARA	08/20/2012	Izumi HASEGAWA	08/21/2012	Kunie OGATA	08/21/2012	Takuya MORI	08/22/2012
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<table border="1"> <tr> <td>Name:</td> <td>Tokyo Electron Limited</td> </tr> <tr> <td>Street Address:</td> <td>3-1, Akasaka 5-chome</td> </tr> <tr> <td>City:</td> <td>Minato-ku, Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>107-6325</td> </tr> </table>		Name:	Tokyo Electron Limited	Street Address:	3-1, Akasaka 5-chome	City:	Minato-ku, Tokyo	State/Country:	JAPAN	Postal Code:	107-6325				
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Application Number:	13598924														
CORRESPONDENCE DATA															
Fax Number:	7037079112														
Phone:	703 707 9110														
Email:	mailbox@poszlaw.com														
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>															
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ATTORNEY DOCKET NUMBER:	119_043														

OP \$40.00 13598924

NAME OF SUBMITTER:

David G. Posz

Total Attachments: 2

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## ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby expressly acknowledged, the undersigned hereby agree(s) to assign, and hereby, assign(s), sell(s) and transfer(s) to

Tokyo Electron Limited, 3-1, Akasaka 5-chome, Minato-ku, Tokyo 107-6325 Japan

as Assignee, and its successors, assigns or other legal representatives, the entire right, title and interest, in the United States of America, and its territories, dependencies and possessions, to certain inventions known as

### SUBSTRATE TREATMENT APPARATUS, SUBSTRATE TREATMENT METHOD AND NON-TRANSITORY STORAGE MEDIUM

described in an application for Letters Patent of the United States executed

\_\_\_\_\_ on even date herewith

\_\_\_\_\_ as U.S. Application Serial No. \_\_\_\_\_

filed on \_\_\_\_\_

as well as any and all continuations, divisions, and reissues of said application and all Letters Patents that may be granted therefor. The undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent or Letters Patents to said Assignee.

The undersigned agree(s), when requested, to sign all papers, take all rightful oaths, and perform all acts which may be necessary for securing, maintaining and enforcing patents for said inventions and for vesting title thereto in said Assignee.

The undersigned authorize(s) and empower(s) said Assignee to invoke and claim the benefit of the right of priority provided under any and all international conventions and treaties in respect of said inventions, as may be necessary in connection with said application.

The undersigned also authorize(s) Posz Law Group, PLC to insert hereon any further identification that may be necessary or desirable for recordation of this document.

Tomohiro Nakashima  
Inventor 1: Tomohiro NAKASHIMA

August 20, 2012  
Date

\_\_\_\_\_  
Witness

Shin Inoue  
Inventor 2: Shin INOUE

August 24, 2012  
Date

\_\_\_\_\_  
Witness

Yoshitaka Hara  
Inventor 3: Yoshitaka HARA

August 20, 2012  
Date

\_\_\_\_\_  
Witness

Additional Inventor(s) is (are) listed on the attached sheet which is incorporated herein by reference.

*Izumi Hasegawa*

Inventor 4: Izumi HASEGAWA

*August 21, 2012*

Date

Witness

*Kunie Ogata*

Inventor 5: Kunie OGATA

*August 21, 2012*

Date

Witness

*Takuya Mori*

Inventor 6: Takuya MORI

*Aug 22, 2012*

Date

Witness