

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>Kazuhito OGINO</td> <td>06/08/2010</td> </tr> <tr> <td>Toshihiko IIJIMA</td> <td>06/08/2010</td> </tr> <tr> <td>Kaori ARAI</td> <td>06/18/2010</td> </tr> </tbody> </table>		Name	Execution Date	Kazuhito OGINO	06/08/2010	Toshihiko IIJIMA	06/08/2010	Kaori ARAI	06/18/2010
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Kazuhito OGINO	06/08/2010								
Toshihiko IIJIMA	06/08/2010								
Kaori ARAI	06/18/2010								
RECEIVING PARTY DATA									
Name:	TOKYO ELECTRON LIMITED								
Street Address:	3-1 Akasaka 5-chome, Minato-ku,								
City:	Tokyo								
State/Country:	JAPAN								
Postal Code:	107-6325								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12817876</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12817876				
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Application Number:	12817876								
CORRESPONDENCE DATA									
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Total Attachments: 2
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**PATENT
 REEL: 024893 FRAME: 0416**

OP \$40.00 12817876

ASSIGNMENT

WHEREAS We, Kazuhito OGINO of c/o TOKYO ELECTRON AT LIMITED, 2381 -1 Kitagejo, Fujii-cho, Nirasaki City, Yamanashi 407-8511, Japan, Toshihiko IIJIMA of c/o TOKYO ELECTRON TS LIMITED, 2381-1 Kitagejo, Fujii-cho, Nirasaki City, Yamanashi 407-8511, Japan, and Kaori ARAI of TOKYO ELECTRON TS LIMITED, 2381-1 Kitagejo, Fujii-cho, Nirasaki City, Yamanashi 407-8511, Japan (hereinafter referred to as "ASSIGNORS") have invented certain new and useful improvements in:

PRE-ALIGNMENT METHOD OF SEMICONDUCTOR WAFER AND COMPUTER-READABLE RECORDING MEDIUM HAVING PRE-ALIGNMENT PROGRAM RECORDED THEREON

which claims priority to Japanese Application No. 2009-147059, filed June 19, 2009, and for which we are about to file or have filed an application for Letters Patent of the United States;

AND WHEREAS, **TOKYO ELECTRON LIMITED** (hereinafter referred to as "ASSIGNEE"), a corporation organized and existing under the laws of the Country of Japan, having a place of business at 3-1 Akasaka 5-chome, Minato-ku, Tokyo 107-6325, Japan, is desirous of acquiring an interest in the United States and all foreign countries, in and to the said invention and Letters Patent to be obtained therefor;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for good and valuable consideration, the receipt of which is hereby acknowledged, I, the said ASSIGNOR, have assigned and transferred, and hereby assign and transfer unto the said ASSIGNEE, the entire right, title and interest in and to said invention in the United States and in all foreign countries, including priority rights, as fully set forth and described in said application; and I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent on said application, and any and all Letters Patent that may be issued upon any and all revivals, refilings, continuations, continuations-in-part, divisions and reissues thereof, to the said ASSIGNEE, an assignee of the entire right, title and interest in and to the same, for the

sole use and behoof of ASSIGNEE, its successors and assigns; and I do hereby agree that the said ASSIGNEE, may apply for foreign Letters Patent on said invention and that I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by the said ASSIGNEE, its successors or assigns, and that I will, at the cost and expense of the said ASSIGNEE fully assist and cooperate in all matters in connection with the United States and foreign applications and patents issuing thereon.

The undersigned declare that all statements made herein of his own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: Jun. 8, 2010

Kazuhito Oginō L.S.
Kazuhito OGINO

Date: June 8th, 2010

Toshihiko Iijima L.S.
Toshihiko IJIMA

Date: June 18, 2010

Kaori Arai L.S.
Kaori ARAI