

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>Masataka HATTA</td><td>09/17/2007</td></tr><tr><td>Yoshinao KONO</td><td>09/17/2007</td></tr><tr><td>Toshikazu ARIYAMA</td><td>09/17/2007</td></tr><tr><td>Kazuki HOSAKA</td><td>09/17/2007</td></tr></tbody></table>	Name	Execution Date	Masataka HATTA	09/17/2007	Yoshinao KONO	09/17/2007	Toshikazu ARIYAMA	09/17/2007	Kazuki HOSAKA	09/17/2007	
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Kazuki HOSAKA	09/17/2007										
RECEIVING PARTY DATA											
Name:	TOKYO ELECTRON LIMITED										
Street Address:	3-6, Akasaka 5-chome, Minato-ku										
City:	Tokyo										
State/Country:	Japan										
Postal Code:	107-8481										
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>11857042</td></tr></tbody></table>	Property Type	Number	Application Number:	11857042							
Property Type	Number										
Application Number:	11857042										
CORRESPONDENCE DATA											
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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NAME OF SUBMITTER:	Suzana Vlatkovic										
Total Attachments: 2 source=314904USAssignment#page1.tif											

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PATENT
REEL: 019842 FRAME: 0524

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Assignment of Application

INSERT NAMES
AND RESIDENCE
ADDRESS OF
THE INVENTORS:

WHEREAS, I (WE) 1. Masataka HATTA of c/o TOKYO ELECTRON TS LIMITED, 2381-1, Kitagejo,
Fujii-cho, Nirasaki-shi, Yamanashi 407-8511 Japan;
2. Yoshinao KONO of c/o TOKYO ELECTRON TS LIMITED, 2381-1, Kitagejo,
Fujii-cho, Nirasaki-shi, Yamanashi 407-8511 Japan;
3. Toshikazu ARIYAMA of c/o TOKYO ELECTRON TS LIMITED, 2381-1, Kitagejo,
Fujii-cho, Nirasaki-shi, Yamanashi 407-8511 Japan; and
4. Kazuki HOSAKA of c/o TOKYO ELECTRON TS LIMITED, 2381-1, Kitagejo,
Fujii-cho, Nirasaki-shi, Yamanashi 407-8511 Japan

INSERT TITLE OF
INVENTION:

have invented certain new and useful improvements in: TEMPERATURE CONTROL METHOD, TEMPERATURE CONTROL APPARATUS AND HIGH/LOW TEMPERATURE PROCESSING SYSTEM

(Application No. _____, filed _____), and

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE

WHEREAS, TOKYO ELECTRON LIMITED

(hereinafter referred to as "ASSIGNEE") having a place of business at: 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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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: September 17, 2007Masataka Hatta

(Signature of Inventor) Masataka HATTA

Date: September 17, 2007Yoshinao Kono

(Signature of Inventor) Yoshinao KONO

Date: September 17, 2007Toshikazu Ariyama

(Signature of Inventor) Toshikazu ARIYAMA

Date: September 17, 2007Kazuki Hosaka

(Signature of Inventor) Kazuki HOSAKA

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

RECORDED: 09/18/2007

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