

PATENT ASSIGNMENT

Electronic Version v1.1

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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>Makoto Nakajima</td><td>04/07/2006</td></tr><tr><td>Takanori Saito</td><td>04/07/2006</td></tr><tr><td>Tsuyoshi Takizawa</td><td>04/07/2006</td></tr><tr><td>Manabu Honma</td><td>04/07/2006</td></tr></tbody></table>	Name	Execution Date	Makoto Nakajima	04/07/2006	Takanori Saito	04/07/2006	Tsuyoshi Takizawa	04/07/2006	Manabu Honma	04/07/2006	
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RECEIVING PARTY DATA											
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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>10584258</td></tr></tbody></table>	Property Type	Number	Application Number:	10584258							
Property Type	Number										
Application Number:	10584258										
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Total Attachments: 2 source=292742USASSIGNMENT#page1.tif											

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PATENT
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ASSIGNMENT

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(04S1790P)

In consideration of value received, I, having a mailing address at
c/o Intellectual Property Department, TOKYO ELECTRON LIMITED, 3-6, Akasaka
5-chome, Minato-ku, Tokyo 107-8481 Japan, and a residence as stated below next to
my name, the sole inventor (if only one name is listed below) or a joint inventor (if
plural inventors are listed below) of an invention described in an application for
United States patent entitled:

VERTICAL HEAT PROCESSING APPARATUS AND CONTROL METHOD FOR
THE SAME

said application having been filed on June 26, 2006
and assigned Application No. 10/584,258 ;
sell and assign to
TOKYO ELECTRON LIMITED
a corporation of Japan, having a business address at
3-6, Akasaka 5-chome, Minato-ku, Tokyo 107-8481 Japan

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire
right, title and interest in and to said invention as disclosed, shown and described
in said application for United States patent : (check one)

☒ [X] executed concurrently herewith;
☐ [] executed separately herefrom;

and in and to all applications for patent and patents for said invention including all
divisions, reissues, continuations, substitutions and extensions thereof and all
rights arising under or pursuant to any and all international agreements, treaties
or laws relating to the protection of industrial property, including rights of priority,
resulting from the filing of any of said applications; and I authorize and request
any official whose duty is to issue patents, to issue any patent on said invention or
resulting therefrom to said Assignee, and I agree that on request and without
further consideration, but at the expense of said Assignee, I will communicate to
said Assignee or its representatives all facts known to me respecting said invention
and testify in any legal proceeding, sign all lawful papers, execute all divisional,
continuing, reissue or other applications, make all rightful oaths and declarations,
and generally do everything possible to aid said Assignee to obtain and enforce
proper patent protection for said invention in all countries.

I hereby grant the following law firm the power to insert on this Assignment any
further identification which may be necessary or desirable in order to comply with
the Rules of the U.S. Patent and Trademark Office for recordation of this document.

Oblon, Spivak, McClelland, Maier & Neustadt, P.C., 1940 Duke Street, Alexandria,
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A S S I G N M E N T

<u>Inventor: (Signature)</u>	<u>Date</u>	<u>Residence</u>
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<u>Manabu Honma</u> Manabu Honma	<u>APR. - 7, 2006</u>	<u>Kai-shi, Japan</u>
<u>Manabu Honma</u> Apr. 7, 2006 M.H.		