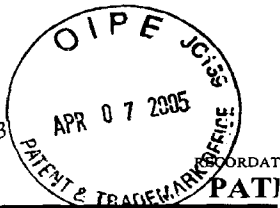


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Kazuhiko OOSHIMA, Yuichi TERASHITA,
Momoko SHIZUKUISHI, Hideo SHITE, Kousuke YOSHIHARA

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: February 8, 16, March 9, February 16,
16, 2005

2. Name and address of receiving party(ies):

Name: TOKYO ELECTRON LIMITED

Address: 3-6, Akasaka 5-chome, Minato-ku, Tokyo
107-8481 Japan

Additional name(s) and address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

☐ This document is being filed together with a new application

A. Patent Application No.(s)

10/968,033

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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PATENT
REEL: 016436 FRAME: 0490

Assignment of Application

WHEREAS, I (WE) Kazuhiko OOSHIMA, residing at Kikuchi-gun, Kumamoto, Japan

Yuichi TERASHITA, residing at Kikuchi-gun, Kumamoto, Japan

Momoko SHIZUKUISHI, residing at Minato-ku, Tokyo, Japan

Hideo SHITE, residing at Kikuchi-gun, Kumamoto, Japan

Kousuke YOSHIHARA, residing at Kikuchi-gun, Kumamoto, Japan

_____, respectively,

have invented certain new and useful improvements in: HEAT-TREATING APPARATUS
AND HEAT-TREATING METHOD

for which an application for Letters Patent was executed on

(Application No. 10/968,033, filed October 20, 2004), and

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.

03/03

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: February 8, 2005

Kazuhiko Ooshima
(Signature of Inventor) Kazuhiko OOSHIMA

Date: February 16, 2005

Yuichi Terashita
(Signature of Inventor) Yuichi TERASHITA

Date: March 9, 2005

Momoko Shizukuishi
(Signature of Inventor) Momoko SHIZUKUISHI

Date: February 16, 2005

Hideo Shite
(Signature of Inventor) Hideo SHITE

Date: February 16, 2005

Kousuke Yoshihara
(Signature of Inventor) Kousuke YOSHIHARA

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
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1940 DUKE STREET
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