502696439 02/26/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2743044

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TSUNEYUKI OKABE	02/10/2014
HITOSHI KATOH	02/10/2014
JUNYA HIRAKA	02/10/2014
HIROYUKI KIKUCHI	02/10/2014

RECEIVING PARTY DATA

Name:	TOKYO ELECTRON LIMITED
Street Address:	AKASAKA BIZ TOWER, 3-1, AKASAKA 5-CHOME, MINATO-KU
City:	токуо
State/Country:	JAPAN
Postal Code:	107-6325

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14088028

CORRESPONDENCE DATA

 Fax Number:
 (703)413-2220

 Phone:
 (703) 413-3000

 Email:
 cdulin@oblon.com

Correspondence will be sent via US Mail when the email attempt is unsuccessful.

Correspondent Name: OBLON, SPIVAK, ET AL.

Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	424987US
NAME OF SUBMITTER:	CAROLINE DULIN
Signature:	/Caroline Dulin/
	PATENT

502696439 REEL: 032299 FRAME: 0574

Date:	02/26/2014
Total Attachments: 2 source=424987USASSIGN#page1.tif source=424987USASSIGN#page2.tif	

PATENT REEL: 032299 FRAME: 0575

424987US41DIV

Assignment of Application

INSERT NAMES
AND RESIDENCE
ADDRESS OF
THE INVENTORS

WHEREAS, I (WE) Tsuneyuki OKABE of Oshu-shi, Japan;
Hitoshi KATOH of Oshu-shi, Japan;
Junya HIRAKA of Oshu-shi, Japan; and
Hiroyuki KIKUCHI of Oshu-shi, Japan
, respectivel
have invented certain new and useful improvements in: <u>SEMICONDUCTOR PROCESSING SYSTEM INCLUDING</u> VAPORIZER AND METHOD FOR USING SAME
(Application No. 14/088,028 , filed November 22, 2013), and
WHEREAS TOKYO ELECTRON LIMITED

INSERT NAME AND ADDRESS OF COMPANY OR OTHER ASSIGNEE

INSERT TITLE OF INVENTION:

(hereinafter referred to as "ASSIGNEE") having a place of business at: Akasaka Biz Tower, 3-1, Akasaka 5-chome, Minato-ku, Tokyo 107-6325 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 (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application(s)) 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.

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 Letters 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, L.L.P. 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: _	10 Feb, 2014	Jeuneyuki Okabe (Signature of Inventor) Tsuneyuki OKABE	
Date: _	10 Feb, 2014	Signature of Inventor) (Signature of Inventor) Hitoshi KATOH	
Date: _	10 Feb. 2014	Junya HIRAKA (Signature of Inventor) Junya HIRAKA	
Date: _	10 Feb, 2014	Airoyuki Kikuchi (Signature of Inventor) Hiroyuki KIKUCHI	

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

RECORDED: 02/26/2014