PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Keisuke KONDOH	09/17/2009

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

Property Type	Number
Application Number:	12532190

CORRESPONDENCE DATA

Fax Number: (202)797-8188

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

Phone: 202 797 4181

Email: IPUSA@IPUSAPAT.COM

Correspondent Name: IPUSA, P.L.L.C

Address Line 1: 1054 31ST STREET, N.W.

Address Line 2: Suite 400

Address Line 4: Washington, DISTRICT OF COLUMBIA 20007

ATTORNEY DOCKET NUMBER: 08EL-005

NAME OF SUBMITTER: Martin A. Weeks

Total Attachments: 3

source=RecordationAssignment#page1.tif source=RecordationAssignment#page2.tif source=RecordationAssignment#page3.tif

> PATENT REEL: 023257 FRAME: 0225

JH \$40.00 12532

500967224

OMB No. 0651-0027 (exp. 6/30/2008)	United States Patent and Trademark Office			
RECORDATION FO	DRM COVER SHEET			
PATENTS ONLY				
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.				
1. Name of conveying party(ies)	2. Name and address of receiving party(les)			
Keisuke KONDOH	Name: TOKYO ELECTRON LIMITED			
	Internal Address:			
Additional name(s) of conveying party(ies) attached? Yes 🗹 No				
3. Nature of conveyance/Execution Date(s):	Street Address: 3-1, Akasaka 5-Chome, Minato-Ku,			
Execution Date(s) September 17, 2009				
Assignment Merger	City: Tokyo			
☐ Security Agreement ☐ Change of Name ☐ Joint Research Agreement	•			
Government Interest Assignment	State:			
Executive Order 9424, Confirmatory License	Country: Japan Zip: 107-6325			
Other	Additional name(s) & address(es) attached? Yes V No			
	document is being filed together with a new application.			
A. Patent Application No.(s)	B. Patent No.(s)			
•				
	,			
A delition with a supplying a set				
5. Name and address to whom correspondence	ached? Yes VNo			
concerning document should be mailed:	6. Total number of applications and patents involved: 1			
Name: IPUSA, PLLC	7. Total fee (37 CFR 1.21(h) & 3.41) \$.40,00			
Internal Address:	Authorized to be charged by credit card			
monar aaroo.	Authorized to be charged by clean card Authorized to be charged to deposit account			
Circof Addroom: 4054 94at Street N.W. Suite 400	Enclosed			
Street Address: 1054 31st Street, N.W. Suite 400	None required (government interest not affecting title)			
City: Washington	8. Payment Information			
State: DC Zip:20007	a. Credit Card Last 4 Numbers			
	Expiration Date			
Phone Number: 202-797-4181 Fax Number: 202-797-8188	b. Deposit Account Number 50-4424			
Email Address: Jpusa@lpusapat.com	Authorized User Name Martin A. Weeks			
9. Signature: Martin a. Weeks	9/21/Z o o 9 Date			
Signature	Total number of name including cover			
Martin A. Weeks Name of Person Signing	sheet, attachments, and documents:			

Documents to be recorded (including cover sheet) should be fexed to (671) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT REEL: 023257 FRAME: 0226

ASSIGNMENT

THIS ASSIGNMENT, by <u>Keisuke KONDOH</u> (hereinafter referred to as "Assignors"), residing at <u>Nirasaki-Shi, Yamanashi, Japan</u> respectively;

WHEREAS, Assignors have invented certain new and useful improvements in

SUBSTRATE PROCESSING APPARATUS, SUBSTRATE PROCESSING METHOD, AND COMPUTER READABLE STORAGE MEDIUM

set forth in a patent application for Letters Patent of the United States, executed concurrently herewith; and

WHEREAS, TOKYO ELECTRON LIMITED. (hereinafter referred to as "Assignee"), having offices at 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 inventions and said application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefor and thereon;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuation-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and Assignment not been made;

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights titles, and or interests that have arisen to Assignee under the law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be

1

done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives, and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns shall advise; that any proceeding in connection with said inventions, or said patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable;

AND Assignors hereby request that the Director of the United States Patent and Trademark Office to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the said Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns;

AND Assignors hereby grant the following individuals 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 United States Patent and Trademark Office for recordation of this document: All practitioners associated with the Customer Number 77464.

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

September 17, 2009	Keisuke Konoloh
Date	Keisuke KONDOH