Atty Docket No.:

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To the Director of the United States Patent and Trademark Office. Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Hiroki HOSAKA Name: TOKYO ELECTRON LIMITED 21616 Address: 3-6, Akasaka 5-chome, Minato-ku, Tokyo 107-8481, Japan Additional name(s) of conveying party(ies) attached?

Yes No 3. Nature of Conveyance: Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other Execution Date: January 18, 2006 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) B. Patent No.(s) 29/242,545 Additional numbers attached?

Yes 5. Name and address of party to whom correspondence 6. Total applications and patents involved: 1 concerning document should be mailed: 7. Total fee (37 CFR 3.41): \$40.00 Customer Number Enclosed ☐ Authorized to be charged to deposit account Tel. (703) 413-3000 8. Deposit account number: 15-0030 Fax. (703) 413-2220 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 9. Statement and signature To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Steven P. Weihrouch FEB 0 6 2006 Name of Person Signing Joseph Scafetta, Jr. Registration Number: 32,829 Registration No. 26,803 Total number of pages including this cover sheet: 3

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PATENT REEL: 017536 FRAME: 0986

Assignment Of Application

Page 1 of 2

	WHEREAS, I (WE)		
	Hiroki HOSAKA of Nirasaki-shi, Japan		
SERT NAMES ID RESIDENCE IDRESSES OF E INVENTORS:			
e iii v Eii v i Okus.			
		_	
			<u>-</u>
			
		respec	tively,
SERT TITLE	have invented certain new and useful improvements in:		
	SEMICONDUCTOR WAFER DELIVERY APPARATUS AND A PAIR OF STAGE	ARMS	FOR
SERT DATE IN- NTORS SIGNED CLARATION:	for which an application for Letters Patent was executed on		
	(Application No. 29/242,545 , filed <u>November 14, 2005</u>		_), and
SERT NAME ID ADDRESS OF IMPANY OR HER ASSIGNEE:	WHEREAS, TOKYO ELECTRON LIMITED	<u></u>	
	(hereinafter referred to as "ASSIGNEE") having a place of business at:		
	3-6, Akasaka 5-chome, Minato-ku, Tokyo 107-848	31, Ja	pan
	is desirous of acquiring the entire right, title and interest in and to said invention and Letters Patent that may be granted therefore in the United States and its territorial poss any and all foreign countries;	in and essions	to any and in

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.

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PATENT REEL: 017536 FRAME: 0987 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 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 Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 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:	Jan-18,2006	Wisoki Wosaka (Signature of Inventor) Hiroki HOSAKA
Date:		(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C. ATTORNEYS AT LAW

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