FORM PTO-1595

06-04

279539US26DE



U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

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 TOKYO ELECTRON LIMITED Name: 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 Additional name(s) and address(es) attached?

Yes No Execution Date: January 18, 2006 4. Application number(s) or patent number(s): This document is being filed together with a new application B. Patent No.(s) A. Patent Application No.(s) 29/242,543 Additional numbers attached?

Yes No 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. FEB 0 3 2006 Steven P. Weihrouch Name of Person Signing Joseph Scafetta, Jr. Registration Number: 32,829 Registration No. 26,803 Total number of pages including this cover sheet: 3 Do not detach this portion Mail documents to be recorded with required cover sheet information to: Director of the United States Patent and Trademark Office

> Mail Stop Assignment Recordation Services Alexandria, Virginia. 22313

02/06/2006 HTECKLU1 00000095 29242543

01 FC:8021

PATENT REEL: 017526 FRAME: 0558

Assignment Of Application

Page 1 of 2

	WHEREAS, I (WE)
-	Hiroki HOSAKA of Nirasaki-shi, Japan
SERT NAMES ND RESIDENCE DDRESSES OF IE INVENTORS:	
	, respectively,
SERT TITLE	have invented certain new and useful improvements in:
	SEMICONDUCTOR WAFER DELIVERY APPARATUS AND A STORAGE ARM FOR SUCH
SERT DATE IN- INTORS SIGNED ICLARATION:	APPARATUS for which an application for Letters Patent was executed on
	(Application No. 29/242,543 , filed November 14, 2005), and
SERT NAME ID ADDRESS OF IMPANY OR HER ASSIGNEE:	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,

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.

1/95

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	Wiroki Wosaka (Signature of Inventor) Hiroki HOSAKA
Date:	
Date:	(Signature of Inventor)

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

FOURTH FLOOR 1755 JEFFERSON DAVIS HIGHWAY ARLINGTON, VIRGINIA 22202

1/95

RECORDED: 02/03/2006

PATENT REEL: 017526 FRAME: 0560