1. Name of conveying party(ies): Toru HONMA 2. Name and address or receiving party(ies): Name: TOKYO ELECTRON LIMITED Additional name(s) of conveying party(ies) attached?	06-04 PA 1(U.S. DEPARTMENT OF COMMER Patent and Trademark Of commer of Patent and Trademark Of commer of Patent and Trademark Of commer of Patent and Trademark Of commercial Co
Name: TOKYO ELECTRON LIMITED Address: 3-6, Akasaka 5-chome, Minato-ku, Tokyo 107- 8481 Japan Additional name(s) of conveying party(ies) attached?	To the Director of the United States Patent and Trademark Office	e. Please 1929 aginal documents or copy thereof
Additional name(s) of conveying party(ies) attached?	•	2. Name and address or receiving party(ies):
Additional name(s) of conveying party(ies) attached? \ Yes \ No Nature of Conveyance: \ Assignment	Toru HONMA	,
Additional name(s) of conveying party(ies) attached?		
Assignment	Additional name(s) of conveying party(ies) attached?	•
Gecurity Agreement Change of Name Other	3. Nature of Conveyance:	
Other Execution Date: May 12, 2004 Additional name(s) and address(es) attached? Yes ■ N 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) 10/496,007 Additional numbers attached? Yes ■ No 5. Name and address of party to whom correspondence concerning document should be mailed: Customer Number	-	
Execution Date: May 12, 2004 4. Application number(s) or patent number(s): This document is being filed together with a new application A. Patent Application No.(s) 10/496,007 Additional numbers attached? Yes No 5. Name and address of party to whom correspondence concerning document should be mailed: Customer Number 22850 Tel. (703)413-3000 Fax. (703)413-2220 B. Patent No.(s) 6. Total applications and patents involved: 1 7. Total fee (37 CFR 3.41): \$40.00 Enclosed Authorized to be charged to deposit account 8. Deposit account number: 15-0030 (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. Marvin J. Spivak Name of Person Signing Signature Date Surinder Sachar Registration No. 34,423 Total number of pages including this cover sheet: 3		
4. Application number(s) or patent number(s): This document is being filed together with a new application A. Patent Application No.(s) 10/496,007 Additional numbers attached?		Additional name(s) and address(es) attached? Yes
☐ This document is being filed together with a new application A. Patent Application No.(s) 10/496,007 Additional numbers attached? ☐ Yes ■ No 5. Name and address of party to whom correspondence concerning document should be mailed: Customer Number 22850 Tel. (703) 413-3000 Fax. (703) 413-2220 B. Patent No.(s) 6. Total applications and patents involved: 1 7. Total fee (37 CFR 3.41): \$40.00 ■ Enclosed ☐ Authorized to be charged to deposit account 8. Deposit account number: 15-0030 (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. Marvin J. Spivak Name of Person Signing Registration Number: 24,913 Surinder Sachar Registration No. 34,423 Total number of pages including this cover sheet: 3		
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	9. Statement and signature To the best of my knowledge and belief, the foregoing information of the original document. Marvin J. Spivak Name of Person Signing Registration Number: 24,913 Suring Registration Processing Suring Registration Number: 24,913	Signature Date Declaration is true and correct and any attached copy is a true Oct. 15 2004 Date Date Don No. 34,423
	9. Statement and signature To the best of my knowledge and belief, the foregoing information of the original document. Marvin J. Spivak Name of Person Signing Registration Number: 24,913 Registration Total number of pages inclusively.	Signature Date Deckor Date Date Deckor Date

Director of the United States Patent and Trademark Office **Mail Stop Assignment Recordation Services** Alexandria, Virginia. 22313

PATENT REEL: 015903 FRAME: 0122

Assignment of Application

Page 1 of 2

WHEREAS, I (WE) Toru Honma of TOKYO ELECTRON AT LIMITED, 2381-1, Kitagejyo,		
	Fujii-cho, Nirasaki-shi, Yamanashi 407-8511, Japan	
A		
		, respectively,
have invented certain	new and useful improvements in:PROBE DEVICE AND PROBE MET	THOD
for which an application	on for Letters Patent was executed on even date herewith	
(Application No.	10/496,007 , filed May 28, 2004), and
WHEREAS, TO	OKYO ELECTRON LIMITED	
(hereinafter referred to	as "ASSIGNEE") having a place of business at:3-6, Akasaka 5-chom	e, Minato-ku,
Tokyo 107-8481 Japa	àn	
is desirous of acquirin	a the entire right title and interest in and to said invention and in and to a	nu I attana Datana (1.)

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:	May 12, 2004	Toru Idonma	
		(Signature of Inventor) Toru Honma	
Date:			
		(Signature of Inventor)	
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		(Signature of Inventor)	
Date:			
		(Signature of Inventor)	

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
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03/03

PATENT RECORDED: 10/15/2004 REEL: 015903 FRAME: 0124