10-11-2000 RECORDAT FORM PTO-1595 U.S. DEPARTMENT OF COMMERCE (Rev. 6-93) Patent and Trademark Office 101482388 OMB N. 0651-0011 (exp. 4/94) To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. Name of conveying party(ies) Name and address of receiving party(ies): KAWAMURA, Shigeru Name: TOKYO ELECTRON LIMITED Street Address: 3-6, Akasaka 5-chome, Minato-ku Additional name(s) of conveying party(ies) attached? __ Yes _X_ No City: Tokyo State: Japan Zip:107-8481 3. Nature of conveyance: **X** Assignment Merger ___ Security Agreement ___ Change of Name Other ____ Execution Date: August 28, 2000 Additional names(s) & address(es) attached? __ Yes _X_ No 09 608 855 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: August 28, 2000 B. Patent No.(s) A. Patent Application No.(s) Additional numbers attached? ___ Yes _X_ No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: 1 concerning document should be mailed: Mitchell P. Brook, Esq. 7. Total fee (37 C.F.R. 3.41) \$ 40.00 Internal Address: Baker & McKenzie 101 West Broadway X Enclosed 12th Floor ___ Authorized to be charged to deposit account Street Address: Same As Above City: San Diego State: CA Zip: 92101 8. Deposit account number: 02-0410 Baker & McKenzie (Attached duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the forgoing information is true and correct and any attached copy is a true copy

of the original document.

Mitchell P. Brook

Name of Person Signing

Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:

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PATENT

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Atty. Dkt. No. 21943-1014

ASSIGNMENT

In return for good and valuable consideration paid to the undersigned inventor(s) (hereafter called the "ASSIGNOR"), by: TOKYO ELECTRON LIMITED (Insert ASSIGNEE'S 3-6, Akasaka 5-chome, Minato-ku, Tokyo 107-8481, Japan Name(s) Address(es)) (hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR(s) hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled: METHOD AND APPARATUS FOR OBSERVING POROUS AMORPHOUS FILM, (Title of Invention) AND METHOD AND APPARATUS FOR FORMING THE SAME (*If the for which application for Letters Patent of the United states was executed on even date assignment is herewith unless indicated otherwise below being filed after the filing of the application, this section must be *filed on _____ [date], Serial No. completed)

and all Letters Patent of the United States to be obtained therefor on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR(s) agrees to execute all papers necessary in connection with the application and any continuation, divisional, substitute, reissue or reexamination applications thereof or corresponding foreign applications, and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The ASSIGNOR(s) agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding, which may be declared concerning this application or any continuation, divisional, substitute, reissue or reexamination thereof, or corresponding foreign applications, and also to cooperate with the ASSIGNEE in every way possible in obtaining evidence and going forward with such interference, litigation, or other legal proceeding.

The ASSIGNOR(s) agrees to perform all affirmative acts which may be necessary to obtain a grant of valid United States or foreign patents to the Assignee.

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The ASSIGNOR(s) hereby authorizes and requests the Commissioner of Patents and the authorities of foreign countries to issue any and all Letters Patents resulting from said application or any continuation, divisional, substitute, reissue or reexamination applications thereof, or foreign applications, to the said ASSIGNEE, as assignee of the entire interest, and hereby covenants that it has full right to convey the entire interest herein assigned, and that they have not executed and will not execute, any agreement in conflict herewith.

The ASSIGNOR(s) hereby agrees that this Assignment is binding on the heirs, assigns, representatives and successors of the ASSIGNOR(s) and extends to the successors, assigns and nominees of the ASSIGNEE.

The ASSIGNOR(s) hereby grant MITCHELL P. BROOK, Reg. No. 32,967, LAURA L. PETERSON, Reg. No. 38,021, ADAM L.K. PHILIPP, Reg. No. 42,071, DAVID I. ROCHE, Reg. No. 30,767, PHILIP J. ZADEIK, Reg. No. 31,444 and RICHARD T. ROCHE, Reg. No. 38,599, all attorneys with the firm of BAKER & McKENZIE which has an office address at 101 West Broadway, 12th Floor, San Diego, CA 92101-3890, 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.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

Shigeru	Hawamura	Shigeru KAWAMURA (Type Name)	August 28,	2000
/ (Signat	ture)	(Type Name)	(Date)	
(Signature)		(Type Name)	(Date)	
(Signature)		(Type Name)	(Date)	
(Signat	ture)	(Type Name)	(Date)	
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