2312-0758-3X/SCN Docket No.

100857015 To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof. MRD 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): 1045-54 Kiichi HAMA Name: 1) Tokyo Electron Yamanashi Limited 2) Japan Science and Technology Corporation Additional name(s) of conveying party(ies) attached?□ Yes

No Address: 1) 2381-1 Kitagejo, Fujii-machi, Nirasaki-shi, Yamanashi 407-8511, 3. Nature of Conveyance: 2) 1-8 Hon-cho 4-chome, Kawaguchi-shi, Saitama, Japan □ Merger □ Security Agreement □ Change of Name □ Other Execution Date: October 2, 1998 Additional name(s) & address(es) attached? □ Yes ⋈ No 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: October 2, 1998 A. Patent Application No.(s) B. Patent No.(s) 09 173179 Additional numbers attached? □ Yes ⋈ No 6. Total number of applications and patents involved: 1_ Name and address of party to whom correspondence concerning document should be mailed: OBLON, SPIVAK, McCLELLAND, MAIER & 7. Total fee (37 CFR 3.41): \$40.00 NEUSTADT, P.C. Attorneys at Law Fourth Floor □ Authorized to be charged to deposit account 8. Deposit account number: 15-0030 02 FC:581 (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. C. Irvin McClelland Name of Person Signing Date Registration No. 21,124 Total number of pages including cover sheet: 2 OMB No. 0651-0011 (exp. 4/94) Do not detach this portion

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

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> PATENT REEL: 9521 FRAME: 0252

In consideration of value received, I, having a residence as stated below above my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patent entitled:

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sell and assign to

- (1) Tokyo Electron Yamanashi Limited, a Japanese corporation, having a place of business at 2381-1 Kitagejo, Fujii-machi, Nirasaki-shi, Yamanashi 407-8511, Japan; and
- (2) Japan Science and Technology Corporation, a Japanese government agency, having a place of business at 1-8 Hon-cho 4-chome, Kawaguchi-shi, Saitama, Japan

their successors, and assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said United States patent application:

(check one)	[X] executed concurrently herewith;		
	[] executed on	•	
	[] Application No.	, filed	;

and in and to all applications for patent and patents for invention, in all countries of the world, including all divisions, reissues, continuations, substitutes and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention in all countries.

I hereby grant the following law firm 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 U.S. Patent and Trademark Office for recordation of this document.

Oblon, Spivak, McClelland, Maier & Neustadt, P.C., Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202, U. S. A.

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Country of Citizenship: Japan

Date: October 2, 1998

Kiichi Hama

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