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101237859 U.S. DEPARTMENT OF COMMERCE FORM PTO-1595 (modified) RECORDATION FORM COVER SHEET Patent and Trademark Office (Rev 6-93) **PATENTS ONLY** To the Commissioner of Patents and Trademarks: Please record the attached original documents or copies thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Koji TANIMOTO Kenichi KOMIYA Toshiba Tec Kabushiki Kaisha Jun SAKAKIBARA 1-1, Kanda Nishiki-cho Naoaki IDE Chiyoda-ku Toshimitsu ICHIYANAGI Tokyo, JAPAN 101-8442 Additional conveying party(ies) 3. Nature of conveyance: 09/46/210 ASSIGNMENT **Execution Date:** Additional name(s) & address(es) attached? December 7, 1999 4. Application number(s) or patent number(s): December 7, If this is being filed together with a new application, the execution date of the application is: 1999 B. Patent Number(s): A. Patent Application Number(s): Additional numbers attached? NO 5. Name and address of party to whom correspondence 6. Total number of applications/patents involved: concerning document should be mailed: 7. Total fee (37 C.F.R. § 3.41): \$40.00 Richard L. Schwaab FOLEY & LARDNER Х Check Enclosed Washington Harbour 3000 K Street, N.W., Suite 500 Charge to deposit account Washington, D.C. 20007-5109 8. Deposit account number: 01/03/2000 MBORDON 00000050 09461210 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. The Commissioner is hereby authorized to charge any additional recordation fees which may be required in this matter to the above-identified deposit account. Hhmun Richard L. Schwaab December 15, 1999 Name of person signing Signature Date Total number of pages including cover sheet, attachments, and document: 4

2. (Cont'd) Name and address of receiving party(ies):

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NO

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

- Toshiba Tec Kabushiki Kaisha, a Japanese corporation, having a place of business at $\{1\}$ 1-1, Kanda Nishiki-cho, Chiyoda-ku, Tokyo 101-8442, Japan; and
- KABUSHIKI KAISHA TOSHIBA, a Japanese corporation, having a place of business at (2)72 Horikawa-cho, Saiwai-ku, Kawasaki-shi, 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.

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