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

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KABUSHIKI KAISHA TOSHIBA 72 Horikawa-cho, Saiwai-ku Kawasaki-shi Japan

Additional conveying party(ies) attached?

NO

3. Nature of conveyance:

ASSIGNMENT

**Execution Date:** 

March 30, 2000

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4. Application number(s) or patent number(s):

If this is being filed together with a new application, the execution date of the application is:

A. Patent Application Number(s):

09/528,117

B. Patent Number(s):

Additional numbers attached? NO

5. Name and address of party to whom correspondence concerning document should be mailed:

> Richard L. Schwaab FOLEY & LARDNER Washington Harbour 3000 K Street, N.W., Suite 500 Washington, D.C. 20007-5109

6. Total number of applications/patents involved:

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**PATENT** REEL: 010907 FRAME: 0679 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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- 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:

> [X] executed concurrently herewith; (check one) [ ] executed on [X] Application No. 09/528,117 ; filed March 17, 2000

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.

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**RECORDED: 06/14/2000** 

Date: March 30, 2000 Hiroki Kanno
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