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Additional conveying party(ies)

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3. Nature of conveyance:

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Execution Date:

January 8, 2002

Additional name(s) & address(es) attached?

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If this is being filed together with a new application, the execution date of the application is: January 8, 2002

A. Patent Application Number(s):

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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. 20007-5143 6. Total number of applications/patents involved:

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PATENT _REEL: 013083 FRAME: 0165

ASSIGNMENT

In consideration of value received. I, having a residence and mailing address as stated below next to 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:

PERIPHERAL EQUIPMENT OF COMPUTER

said application having been filed on and assigned Application No. ; sell and assign to Toshiba Tec Kabushiki Kaisha a corporation of Japan, having a business address at 1-1, Kanda Nishiki-cho, Chiyoda-ku, Tokyo, 101-8442 Japan

its successors, 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 application for United States patent: (check one)

- \times executed concurrently herewith;
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and in and to all applications for patent and patents for said invention, in all countries of the world, including all divisions, reissues, continuations, substitutions 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 proceeding, 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 Assignce to obtain and enforce proper patent protection for said invension in all countries.

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PATENT REEL: 013083 FRAME: 0166

ASSIGNMENT

Inventor: (Signature)	Date	Residence and mailing address
Hiroyuki Kato	Jan 8, 2002	303, Chateau Yama, 2-32-3, Shinden, Ichikawa-shi, Chiba-ken, Japan
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