



# A S S I G N M E N T

In consideration of value received, I, having a mailing address at  
 c/o Intellectual Property Division, KABUSHIKI KAISHA TOSHIBA, 1-1 Shibaura  
 1-chome, Minato-ku, Tokyo 105-8001, Japan and a residence 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:

METHOD AND APPARATUS FOR CONTROLLING SPINDLE MOTOR TO MATCH PLURAL MODES OF  
 OPERATION IN A DISK DRIVE

said application having been filed on \_\_\_\_\_  
 and assigned Application No. \_\_\_\_\_ ;  
 sell and assign to  
 KABUSHIKI KAISHA TOSHIBA  
 a corporation of Japan, having a business address at  
 1-1 Shibaura 1-chome, Minato-Ku, Tokyo, 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)

executed concurrently herewith;

executed separately herefrom;

and in and to all applications for patent and patents for said invention,  
 in all countries of the world, including all divisions, reissues, contin-  
 uations, 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  
 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 Assi-  
 gnment 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.

Pillsbury Winthrop LLP, 1600 Tysons Boulevard,  
 McLean, Virginia 22102

ASSIGNMENT

01S0937

Inventor: (Signature)

Date

Residence

*Nobuyuki Sakamoto*

*March 4, 2002*

Ome-shi, Japan

Nobuyuki Sakamoto

RECORDING OFFICER:

After recording please return to:  
Pillsbury Winthrop LLP

1600 Tysons Boulevard  
McLean, Virginia 22102