$T_{\Omega}$	the	Honorable	Commissioner	of Patents and

100761621 and an original documents or copy thereof. LURI) 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): 6-26-98 Mamiko OKUBO and Hiroshi SHIMADA Name: KABUSHIKI KAISHA TOSHIBA Additional name(s) of conveying party(ies) attached?□ Yes ⋈ No Address: 72 Horikawa-cho, Saiwai-ku, Kawasaki-shi, Japan 3. Nature of Conveyance: ■ Assignment Merger ☐ Security Agreement ☐ Change of Name □ Other Additional name(s) & address(es) attached? □ Yes ⋈ No Execution Date: June 19, 1998 09/105,170 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: JLINE 19, 1998. A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? □ Yes ⋈ No 6. Total number of applications and patents involved: 1 5. Name and address of party to whom correspondence concerning document should be mailed: 7. Total fee (37 CFR 3.41): \$40.00. OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C. Attorneys at Law ⋈ Enclosed Authorized to be charged to deposit account Fourth Floor 1755 Jefferson Davis Highway Arlington, Virginia 22202 8. Deposit account number: 15-0030 (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.

Marvin J. Spivak Name of Person Signing Registration No. 24,913

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### ASSIGNMENT

In consideration of value received, I, having a post office address at exo 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:

# A DISK REPRODUCTION APPARATUS CAPABLE OF CONTINUOUSLY VARYING A REPRODUCTION SPEED

said application having been filed on and assigned Serial No. ;
sell and assign to
KABUSHIKI KAISHA TOSHIBA
a corporation of Japan, having a business address at 72 Horikawa-cho, Saiwai-ku Kawasaki-shi, 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, 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 sail 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 invension 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

> PATENT REEL: 9294 FRAME: 0907

## ASSIGNMENT

Inventor: (Signature)	Date	Residence
Mamiko Okubo	JUN 19.1998	Kawasaki-shi, Japan
Mroshi Shimada	JUN 19. <b>1998</b>	Kamakura-shi, Kanagawa-ken, Japan

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