

10-01-2004



(Rev. 03/ 01) OMB No. 0651-0027 (exp. 5/31/2002) 1028488	U.S. Patent and Trademark Office
To the Honorable Commissioner of Patents and Trademarks: P	lease record the attached original documents or copy thereof
To the Honorable Commissioner of Patents and Trademarks: P  1. Name of conveying party(ies): Akio Suzuki  Additional name(s) of conveying party(ies) attached?  3. Nature of Conveyance:  X Assignment  Security Agreement  Other  Execution Date:  July 5, 2004	lease record the attached original documents or copy thereof  2. Name and address of receiving party(ies)  Name: Sony Corporation Internal Address: Street Address: 6-7-35, Kitashinagawa Shinagawa-ku  City: Tokyo  Country: JAPAN Zip: 141-0001 Additional name(s) & x Yes No address(es) attached:
4. Application number(s) or patent number(s):  If this document is being filed together with a new application, the ex  A. Patent Application No.(s):  29/208,666  Additional numbers attached.	B. Patent No.(s):
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: Rader, Fishman & Grauer PLLC	7. Total fee (37 CFR 3.41) \$ 40.00
Internal Address: Atty. Dkt.: SDE-1624 Street Address: 1233 20th Street, N.W. Suite 501	Enclosed  X Authorized to be charged to deposit account  Authorized to be charged to credit card  (Form 2038 enclosed)
City: State: Zip: DC 20036	8. Deposit account number:  18-0013  (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 infois a true copy of the original document.	ormation is true and correct and any attached copy
Toshikatsu Imaizumi - LRA  Name of Person Signing  Total number of pages including cover sheet, attach	September 28, 2004 Date  Date

10/01/2004 ECOOPER 00000146 180013 29208666

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Docket Number: SDE-1624

## ASSIGNMENT

WHEREAS, I, as a below named inventor, residing at the address stated next to my name, am a sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of certain new and useful improvements in

## DISC PLAYER

for which application for Letters Patent of the United States of America was executed by me on the date indicated next to my name and address;

AND WHEREAS, Sony Corporation, a Japanese corporation with offices at 6-7-35 Kitashinagawa, Shinagawa-ku, Tokyo, JAPAN, (hereinafter referenced as ASSIGNEES) is desirous of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;

NOW THEREFORE, in consideration of the sum of Ten Dollar (\$10.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, by these presents do hereby assign, sell and transfer unto the said ASSIGNEES, its successors, assigns, and legal representatives, the entire right, title and interest in the said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue the said United States Letters Patent to said ASSIGNEES, as the assignee of the whole right, title and interest thereto;

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEES or its designee, as ASSIGNEES or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto;

PATENT REEL: 015833 FRAME: 0547 And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid invention, as the ASSIGNEE thereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEES will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto;

And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

And I hereby authorize and request my attorney(s) of record in this application to insert the serial number and filing date of this application in the spaces that follow:

Serial Number:

RECORDED: 09/28/2004

, Filing Date:

This assignment executed on the dates indicated below.

Akio SUZUKI	akio Suzuhi	July 5, 2
	Signature	Date

PATENT REEL: 015833 FRAME: 0548