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To the Honorable Commissioner of Patents and Traden	101088	2564	py thereof.	
Name of conveying party(ies):	101000	」 1 2 Name and address	of receiving party(ies);	\sim
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Katsuyoshi Orita, Masamichi Morioka & Hiroshi Yoneyama		Name: Sony Corpor	ration	
		Internal Address:		
Additional name(s) of conveying party(ies) attached?	Yes 🔼 No	internal Address.		
3. Nature of Conveyance:				
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Other	Additional name(s) &	address(es) attached 🔼 Yes 🗀 1	No	
Execution Date: April 22, 1999				
4. Application number(s) or patent number(s):				A 7 - 20 - 10 (A)
If this document is being filed together with a new applicat	tion, the execution date of the	B. Patent No.(s)		
A. Patent Application No.(s)		D. Patent No.(8)		
09/147,665				
A	dditional numbers attached?	Yes X No		
5. Name and address of party to whom correspondence				7
concerning document should be mailed:		6. I otal number of a	pplications and patents involved:	J
				/
Name: Jay H. Maioli				
Internal Address: Cooper & Dunham LLP	7. Total fee (37 CFR	3.41):\$ <u>40.00</u>		
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PATENT REEL: 010076 FRAME: 0995 FORM PTO-1595

6715/57458

2. (continued)

YAZAKI INDUSTRIAL CHEMICAL CO., LTD. 24-1, Oshika 2-chome, Shizuoka-shi Shizuoka 422-8021, JAPAN

11

PATENT REEL: 010076 FRAME: 0996

ASSIGNMENT

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 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001, Japan

and

YAZAKI INDUSTRIAL CHEMICAL CO., LTD., a Japanese corporation with offices at 24-1, Oshika 2-chome, Shizuoka-shi, Shizuoka 422-8021, Japan

(hereinafter reference as ASSIGNEE) are

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 One Dollar (\$1.00), 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 ASSIGNEE, 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 and 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 ASSIGNEE, 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 ASSIGNEE or its designee, as ASSIGNEE 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 thereof;

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 ASSIGNEE 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 thereof;

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_______, Filing Date__________.

PATENT REEL: 010076 FRAME: 0997

Your Reference No.:6715/57458 S98P0649US00J/SK98PCT38US

This assignment executed on the dates indicated below.

Katsuyoshi ORITA Name of first or sole inventor	
Name of first or sole inventor	Execution date of U.S. Patent Application
Aichi, Japan	
Residence of first or sole inventor	4
Katsuyoshi Crita Signature of first or sole inventor	April 22, 1999 Date of this assignment
Signature of first or sole inventor	Date of this assignment
Masamichi MORIOKA	
Name of second inventor	Execution date of U.S. Patent Application
Shizuoka, Japan	
Shizuoka, Japan Residence of second inventor	
Mosamichi Morioka	April 22 1999 Date of this assignment
Masamichi Morioka Signature of second inventor	Date of this assignment
Hiroshi YONEYAMA	Detail and the of U.G. Patent Application
Name of third inventor	Execution date of U.S. Patent Application
Aichi, Japan	
Residence of third inventor	April 22 1999
Niroshi Yoneyama Signature of third inventor	April 22 1999 Date of this assignment
Name of fourth inventor	Execution date of U.S. Patent Application
Residence of fourth inventor	
Signature of fourth inventor	Date of this assignment
Name of fifth inventor	Execution date of U.S. Patent Application
Residence of fifth inventor	
Signature of fifth inventor	Date of this assignment

PATENT REEL: 010076 FRAME: 0998

RECORDED: 06/14/1999