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2. Name and address of receiving party(ies):

Shinichi OGASAWARA

Sony Corporation 7-35, Kitashinagawa 6-chome, Shinagawa-k Tokyo, Japan 141-0001

Additional conveying party(ies)

NO

3. Nature of conveyance:

ASSIGNMENT

Execution Date:

October 28, 1999

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

6. Total number of applications/patents involved:

NO

4 Application number(s) or patent number(s): 29 113568

If this is being filed together with a new application, the execution date of the application

October 28, 1999

\$40.00

is:

A. Patent Application Number(s):

B. Patent Number(s):

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Name and address of party to whom correspondence concerning document should be mailed:

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Yoichiro Yamaguchi FOLEY & LARDNER Washington Harbour 3000 K Street, N.W., Suite 500

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PATENT REEL: 010376 FRAME: 0067

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto *Sony Corporation*

name and address of assignee

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

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to this invention relating to

title of invention

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as set forth in this United States Patent Application

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in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of **FOLEY & LARDNER** the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

NAMES AND SIGNATURES OF INVENTORS			
Name: Shinichi OGASAWARA	Signature: S. Darmara	Date: 28/0CT/	
Name:	Signature:	Date:	
Name:	Signature:	Date:	
Name:	Signature:	Date:	
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Attorney Docket No.: 065602/0846

PATENT REEL: 010376 FRAME: 0068

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