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U.S. DEPARTMENT OF COMMERCE

		Patent and Trademark Office
To the Honorable Commissioner of Paten 10208	0012 .ach	ed original documents or copy thereof.
1. Name of conveying party(ies)	2. Name and address	of receiving party(ies)
Mark John McGRATH , Andrew KYDD, Jonathan THORPE	Т	Y UNITED KINGDOM LIMITED he Heights, Brooklands T13 OXW, England, United Kingdom
Additional name(s) of conveying party(ies) attached? Yes X No	Additional name(s) &	address(es) attached?Yes _x No
3. Nature of conveyance: X Assignment Security Agreement Merger Share of Name		
Change of Name Other		
Execution Date(s): March 14, March 19 and March 12, 2002		
4. Application number(s) or patent number(s):		
If this document is being filed together with the application is:	n a new application, th	e execution date of
A. Patent Application No.(s) <u>10/006,434</u> filed <u>Decembe</u> r	<u>6, 2001</u>	
Additional numbers atta	iched? <u>Yes X</u> N	0
5. Name and address of party to whom correspondence concerning document should be mailed: 6. Total number of applications and patents involved		
Name: WILLIAM S. FROMMER	7. Total fee (37 CF	R 3.41)
Internal Address: FROMMER LAWRENCE & HAUG LLP	Au	closed thorized to be charged to
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Name of Person Signing Signa	ature	Date
		Total number of pages including cover sheet, attachments, and document: 2
/06/2002 DBYRNE 00000110 10006434 Mail documents to be recorded with 40.00 DP Commissioner of Pat	n this portion required cover sheet in tents and Trademarks ignments	nformation to:
Washington,	D.C. 20231	
Public burden reporting for this sample cover sheet is estimate including time for reviewing the document and gathering the data Send comments regarding this burden estimate to the U.S. Patent PK2-1000C, Washington, D.C. 20231, and to the Office of Manager Washington, D.C. 20503.	a needed, and completi and Trademark Office,	ng and reviewing the sample cover sheet. Office of Information Systems,

PATENT **REEL: 012851 FRAME: 0862**

ASSIGNMENT

WHEREAS, I, as below named inventors, residing at the addresses stated next to our names, 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

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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 UNITED KINGDOM LIMITED, a United Kingdom corporation, with offices at The Heights, Brooklands, Weybridge KT13 OXW, England, United Kingdom (hereinafter referred to as ASSIGNEE) 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 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 thereto;

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 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: 10/006,434, Filing Date: December 6, 2001.

This assignment executed on the dates indicated below.

Mark John McGRATH		
Name of first or sole inventor	Execution date of U.S. Patent Application	
Bracknell, U.K.	× 14/03/02	
Residence of first or sole inventor		
Signature of first or sole inventor	Date of this assignment 1/108/02	
Andrew KYDD		
Name of second inventor	Execution date of U.S. Patent Application	
Basingstoke-U.K. Berlin, Germany	11/03/02	
Residence of second inventor		
Signature of second inventor Jonathan THORPE	Date of this assignment 19/05/02	
Name of third inventor	Execution date of U.S. Patent Application	
Winchester, U.K.	× 12/3/22 ×	
Residence of third inventor		
Signature of third investor	Date of this assignment	

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RECORDED: 04/24/2002