FLH Ref. No.: 450103-04837

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Mitch F. Singer Brian D. Lakamp	Name: Internal Address:	Sony Pictures Entertainment Inc.
<sub>-</sub>	Street Address: City, State, Zip	10202 West Washington Boulevard Culver City, California 90232
Additional name(s) of conveying party(ies) attached? ☐ Yes ☑ No	Name: Internal Address: Street Address: City: Country:	Sony Corporation 7-35 Kitashinagawa, 6-chome, Shinagawa-ku, Tokyo 141 Japan
	Additional name(s) &	address(es) attached? □Yes ☒ No
3. Nature of conveyance:  Assignment Security Agreement Merger Change of Name Other  Execution Date(s): October 14, 2003		7868 U.S. PTO 10/686956
4. Application number(s) or patent number(s):	950	
If this document is being filed together with a new application, the execution	n date of the application is: C	October 14, 2003
	ers attached? ∐Ycs ⊠ No	applications and patents involved
<ol><li>Name and address of party to whom correspondence concerning document should be mailed:</li></ol>		The state of the s
Name: William S. Frommer	7. Total fee (37 CF	R 3.41) \$ 40.00
Internal Address: FROMMER LAWRENCE & HAUG LLP		Enclosed Authorized to be charged to deposit account 50-0320
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9. Statement and signature. To the best of my knowledge and belief, the foregoing information is	true and correct and any attac	hed copy is a true copy of the original document.
Hans R. Mahr	Mil	October 15, 2003
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## **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 <u>CONTENT ACCESS IN A MEDIA NETWORK ENVIRONMENT</u> 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 PICTURES ENTERTAINMENT INC., a Delaware corporation, with offices at 10202 West Washington Boulevard, Culver City, California 90232, and SONY CORPORATION, a Japanese corporation, with offices at 7-35 Kitashinagawa 6-Chome, Shinagawa-Ku, Tokyo 141, Japan (hereinafter referred to as ASSIGNEES) 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 ASSIGNEES, their 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 ASSIGNEES, as the assignees 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 their designee(s), as ASSIGNEES or their 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 ASSIGNEES thereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEES will, upon their 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 i application in the spaces that follow: Serial Number:	n this application to insert the serial number and filing date of this, Filing Date:
This assignment executed on the dates indicated below.	
Mitch F. Singer	10/14/03
Name of first or sole inventor	Execution date of U.S. Patent Application
Los Angeles, CA	
Residence of first or sole inventor	
Mamme	10/14/03
Signature of first or sole inventor	Date of this assignment

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Brian D. Lakamp	10/14/2003	
Name of second inventor	Execution date of U.S. Patent Application	
Malibu, CA		
Residence of second inventor		-
(A)	10/14/2003	
Signature of second inventor	Date of this assignment	_

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PATENT REEL: 014617 FRAME: 0271