13116932

CH \$40.00

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------|----------------|
| Katsu SAITO | 05/16/2011 |
| Wataru ONOGI | 05/17/2011 |
| Masaaki KOYANAGI | 05/17/2011 |
| Takayuki SAKAMOTO | 05/18/2011 |

RECEIVING PARTY DATA

| Name: | SONY CORPORATION | |
|-----------------|-------------------------|--|
| Street Address: | 1-7-1 Konan, Minato-ku, | |
| City: | Tokyo | |
| State/Country: | JAPAN | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 13116932 |

CORRESPONDENCE DATA

Fax Number: (202)408-4400

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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ATTORNEY DOCKET NUMBER: 09812.2339

NAME OF SUBMITTER: David W. Hill

Total Attachments: 2

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PATENT

REEL: 026393 FRAME: 0498

Attorney Docket No. 9812.2339 SONY Ref. No.: \$11P1014US00

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

CONTENT RECOMMENDATION SYSTEM, CONTENT RECOMMENDATION DEVICE, AND CONTENT RECOMMENDATION METHOD

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 1-7-1 Konan, Minato-ku, Tokyo, Japan (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 recording spaces that follow: Serial Number: 13/116,932 | rd in this application to insert the serial number and filing date of this application in, Filing Date:May 26, 2011 |
|--|---|
| This assignment executed on the dates indicated below. | |
| KATSU SAITO | |
| Name of first or sole inventor | Execution date of U.S. Patent Application |
| SAITAMA JAPAN | |
| Residence of First or sole inventor | |
| Daton Saito | May 16,2011 |
| Signature of first or sole inventor | May 16, 2611 Date of this assignment |
| WATARU ONOGI | |
| Name of second inventor | Execution date of U.S. Patent Application |
| KANAGAWA JAPAN | •• |
| Residence of second inventor | |
| Wataru Conogie | May 11, 2011 |
| Signature of second inventor | Date of this assignment |
| MASAAKI KOYANAGI | |
| Name of third inventor | Execution date of U.S. Patent Application |
| TOKYO JAPAN | •• |
| Residence of third inventor | NA 17 2 G 1 |
| Massahi Koyanigi | May 17, 2011 |
| Signature of third inventor | Date of this assignment |

PATENT REEL: 026393 FRAME: 0499

ADDITIONAL INVENTOR(S)

| TAKAYUKI SAKAMOTO | |
|--|---|
| Name of fourth inventor | Execution date of U.S. Patent Application |
| KANAGAWA JAPAN | |
| Residence of fourth inventor | 1104 19 2011 |
| Takayuki Sakamota Signature of fourth inventor | May 18, 2011 |
| 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 |
| | |
| Name of sixth inventor | Execution date of U.S. Patent Application |
| Residence of sixth inventor | |
| Signature of sixth inventor | Date of this assignment |
| | |
| Name of seventh inventor | Execution date of U.S. Patent Application |
| Residence of seventh inventor | |
| Signature of seventh inventor | Date of this assignment |
| Name of eighth inventor | Execution date of U.S. Patent Application |
| Residence of eighth inventor | |
| Signature of eighth inventor | Date of this assignment |
| Name of ninth inventor | Execution date of U.S. Patent Application |
| Residence of ninth inventor | |
| Signature of ninth inventor | Date of this assignment |

PATENT REEL: 026393 FRAME: 0500

RECORDED: 06/06/2011