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| Form PTO-1595 (Rev. 08/05) OMB No. 0651-0027 (exp. 6/30/2008) 103383 | United States Patent and Trademark Office | |
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| PATENTS | | |
| To the Director of the U.S. Patent and Trademark Office: Please | | |
| 1. Name of conveying party(les): | 2. Name and address of receiving party(iee) | |
| Michael A. Bergeron (11/28/2006), Yuko Niskikawa (10/2/2006), Nga M. Phan, Nguyen | Name: Sony Corporation | |
| (7/19/2006), and Ronaldo Diaz (7/25/2006) | Internal Address: | |
| Additional name(s) of conveying party(les) attached? Yes X No | Street Address: | |
| Nature of conveyance/Execution Date(s): Execution Date(s): in parentheses after inventor name | 7-35 Kitashinagawa 6-Chome Shinagawa-Ku, Tokyo | |
| Assignment Merger Change of Name | 141-0001 JAPAN | |
| Security Agreement Joint Research Agreement | City: | |
| Government Interest Assignment | State: | |
| Executive Order 9424, Confirmatory License | Country: zīp; | |
| Request to correct: -execution date of first inventor -spelling of fourth inventor's name -execution date of fourth inventor | Additional name(s) & address(es) anached? | |
| on an assignment document previously recorded at Reel 018704, Frame 0560 (applicant error) | X Yes No | |
| The state of the s | This document is being filed together with a new application. | |
| A. Patent Application No.(s) 11/508,153 | B. Patent No.(s) | |
| ĺ , | l | |
| . Additional numbers attached? | Yes X No | |
| 5. Name and address to whom correspondence concerning document should be mailed: | 6. Total number of applications and patents involved: | |
| Name: Ronald P. Kananen RADER, FISHMAN & GRAUER PLLC Internal Address: Atty. Dkt.; SOA-0390 Street Address: 1233 20th Street, N.W. Suite 501 | 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card X Authorized to be charged to deposit account Enclosed I was Western Counting the Coun | |
| City: Washington | 8. Payment Information | |
| State: DC Zip: 20036 | a. Credit Card Last 4 Numbers | |
| Phone Number: (202) 955-3750 | Expiration Date | |
| Fax Number: (202) 955-3751 | b. Deposit Account Number 18-0013 Authorized User Name Ronald P. Kananen | |
| Email Address: rpk@raderfishmarn.pom | Torrest Con realis Horizon 1 Processing | |
| 9, Signature: | March 14, 2007 | |

Atty Docket No. SOA-0390

Total number of pages including cover sheet, attachments, and documents:

PAGE 02/12

PAGE 2/12 * RCVD AT 3/14/2007 11:07:44 AM [Eastern Daylight Time] * SVR:USPTO-EFXRF-1/18 * DNIS:2730140 * CSID:202 955 5771 * DURATION (mm-ss):03-04

PATENT REEL: 019039 FRAME: 0464

| Street Address: 1 Sony Drive City: Park Ridge State: New Jersey Country: United States of America Zip: 07656-8003 Assignee Name: Internal Address: Street Address: City: State: Country: Zip: Zip: Internal Address: | Porm PTO-1595 | RECO | RDATION FORM COVER SHEET (CONTINUED) | |
|---|---|---------------------------------------|--------------------------------------|------------------------------------|
| Assignee Name: Sony Electronics Inc. Internal Addresa: 1 Sony Drive City: Park Ridge State: New Jersey Country: United States of America Zip: 07656-8003 Assignee Name: Internal Addresa: City: State: Country: Zip: Zip: City: State: Country: Zip: Assignee Name: Internal Addresa: City: State: Country: Zip: Assignee Name: Internal Addresa: City: State: Country: Zip: Additional Addresa: City: State: Additional Patent Application Sand/or Patents (4. Continued): Additional Patent Application Numbers 44. Continued: | Additional Conv | /eying Party(ies)/Exe | cution Date(s) (1. Continued): | |
| Assignee Name: Sony Electronics Inc. Internal Addresa: 1 Sony Drive City: Park Ridge State: New Jersey Country: United States of America Zip: 07656-8002 Assignee Name: Internal Addresa: City: State: Country: Zip: Assignee Namo: Internal Addresa: City: State: Country: Zip: Assignee Namo: Internal Addresa: City: State: Country: Zip: Additional Addresa: City: State: Addresa: Additional Patent Application Numbers Additional Patent Application Numbers 4A. Continued: | | | | |
| Assignee Name: Sony Electronics Inc. Internal Addresa: 1 Sony Drive City: Park Ridge State: New Jersey Country: United States of America Zip: 07656-8002 Assignee Name: Internal Addresa: City: State: Country: Zip: Assignee Namo: Internal Addresa: City: State: Country: Zip: Assignee Namo: Internal Addresa: City: State: Country: Zip: Additional Addresa: City: State: Addresa: Additional Patent Application Numbers Additional Patent Application Numbers 4A. Continued: | | | | |
| Internal Address: 1 Sony Drive City: Park Ridge State: New Jersey Country: United States of America Zip: 07858-8003 Assignee Name: Internal Address: Street Address: City: State: Country: Zip: Zip: Assignee Name: Internal Address: Street Address: Street Address: City: State: Country: Zip: Assignee Name: Address: Street Address: Street Address: Address: Address: Additional Applications and/or Patents (4. Continued): Additional Patent Application Numbers Ad, Continued: | Additional Assig | gnees (2. Continued) | • | |
| Street Address: 1 Sony Drive City: Park Ridge State: New Jersey Country: United States of America Zip: 07858-8000 Assignee Name: Internal Address: Street Address: City: State: Country: Zip: Zip: | Assignee Name: So | ony Electronics Inc. | | |
| City: Park Ridge State: New Jersey Country: United States of America Zip: 07656-8003 Assignee Name: Internal Address: Street Address: City: State: Country: Zip: | internal Address: | | | |
| City: Park Ridge State: New Jersey Country: United States of America Zip: 8003 Assignee Name: Internal Address: City: State: Country: Zip: | Street Address: 1 8 | Sony Drive | | |
| Internal Address: Street Address: City: State: Country: Zip: Assignee Name: Internal Address: Street Address: City: State: Country: Zip: Additional Applications and/or Patents (4. Continued): Additional Patent Application Numbers 4A, Continued: Additional Patent Numbers 4B, Continued: | City: Park Ric | dge State: Nev | v Jersey Country: United States of A | 07656- America Zip: <u>8003</u> |
| Internal Address: Street Address: City: State: Country: Zip: Assignee Name: Internal Address: Street Address: City: State: Country: Zip: Additional Applications and/or Patents (4. Continued): Additional Patent Application Numbers 4A, Continued: Additional Patent Numbers 4B, Continued: | | , , , , , , , , , , , , , , , , , , , | | |
| Street Address: City: State: Country: Zip; Assignee Name: | Assignee Name: | | | |
| City: State: Country: Zip: Assignee Name: | Internal Address: | | | |
| Assignee Namo: Internal Address: Street Address: City: State: Country: Zip: Additional Applications and/or Patents (4. Continued): Additional Patent Application Numbers 4A, Continued: Additional Patent Numbers 4B, Continued: | Street Address: | | | |
| Internal Address: Street Address: City: State: Country: Zip: Additional Applications and/or Patents (4. Continued): Additional Patent Application Numbers 4A. Continued: Additional Patent Numbers 4B. Continued: | City: | State: | Country: | Zip; |
| Internal Address: Street Address: City: State: Country: Zip: Additional Applications and/or Patents (4. Continued): Additional Patent Application Numbers 4A. Continued: Additional Patent Numbers 4B. Continued: | Assimae Namo | | | |
| Additional Applications and/or Patents (4. Continued): Additional Patent Application Numbers 4A. Continued: Additional Patent Numbers 4B. Continued: | Internal Address: | | | |
| Additional Applications and/or Patents (4. Continued): Additional Patent Application Numbers 4A. Continued: Additional Patent Numbers 4B. Continued: | Street Address: | | | |
| Additional Applications and/or Patents (4. Continued): Additional Patent Application Numbers 4A. Continued: Additional Patent Numbers 4B. Continued: | | | | |
| Additional Patent Application Numbers 4A. Continued: Additional Patent Numbers 4B. Continued: | City: | State: | Country: | Zip: |
| 4A. Continued: 4B. Continued: | Additional Appl | ications and/or Pater | nts (4. Continued): | |
| | Additional Patent Appli 4A, Continued: | cation Numbers | | |
| Additional numbers attached? | | | | |
| Additional numbers attached? Yes No | | | | |
| Additional numbers attached? Yes No | • | , | | |
| Additional numbers ettached? Yes No | | | | |
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Atty Docket No. SOA-0390

PAGE 3/12 * RCVD AT 3/14/2007 11:07:44 AM [Eastern Daylight Time] * SVR:USPTO-EFXRF-1/18 * DNIS:2730140 * CSID:202 955 5771 * DURATION (mm-ss):03-04

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| THE NE MASS 0027 (AVE E/30/2008) 10- | 8-2006 U.S. DEPARTMENT OF COMMERCE Hed States Parent and Tradament Office |
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| To the Director of the U.S. Patent and Trademark Office: Please | nts or the new address(ex) below. |
| | To him and address of weaking agriculture |
| 1. Name of conveying party(les): | 2. Name and address of receiving party(les) |
| Michael A. Bergeron (11/18/2006), Yuko Niskikawa (10/2/2006), Nga M. Phan, Nguyen | Name: Sony Corporation |
| (7/19/2006), and Ronald Diaz (7/19/2006) Additional name(s) or conveying party(les) attached? Yes X No | Internal Address: Street Address: |
| 3. Nature of conveyance/Execution Date(a): | _ |
| • | 7-35 Kitashinagawa 6-Chome Shinagawa-Ku, Tokyo |
| Execution Date(s): In parentheses after inventor name | 141-0001 JAPAN |
| Assignment Merger Change of Name | AUL VIA |
| Security Agreement Joint Research Agreement | City: |
| Government Interest Assignment | State: |
| Executive Order 9424. Confirmatory License | Country: Zip: |
| Other | Additional name(s) & address(es) X Yes No attached? |
| 4. Application or patent number(s): | This document is being filed together with a new application. |
| A. Patent Application No.(s) | B. Patent No.(s) |
| 11/508,153 | |
| | |
| Additional numbers attached? | Z No |
| 5. Name and address to whom correspondence concerning document should be mailed: | 6.7 Mel nur properties and 1 |
| RODALD P. Kananen RADER, FISHMAN & GRAUER PLLC | 7, 2 442 (37 CFR 1.21(h) & 3.41) \$ 40.00 |
| Internal Address; Atty, Dkt.: SOA-0390 | Authorized to be charged by credit card |
| Street Address: 1233 20th Street, N.W. | Authorized to be charged to deposit account |
| Suite 501 | Enclosed |
| | None required (government interest not affecting title) |
| City: Washington | |
| State: DC Zip: 20036 | 8. Payment Information 9. Credit Card Last 4 Numbers |
| Phone Number: (202) 955-3750 | Expiration Date |
| Fax Number: (202) 955-3751 | b. Deposit Account Number 18-0013 |
| Email Address: rp/@radel/ishman.com | Authorized User Name Ronald P. Kananen |
| 9. Signature: 40,2 | December 13, 2006 |
| Christopher M. Tobin - 40,290 | Total number of pages including cover |
| Name of Page in Signing | sheet, attachments, and documents: |
| i, | |

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PAGE 6/12 * RCVD AT 3/14/2007 11:07:44 AM [Eastern Daylight Time] * SVR:USPTO-EFXRF-1/18 * DNIS:2730140 * CSID:202 955 5771 * DURATION (mm-ss):03-04

Docket No.: SOA-0390

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Additional numbers attached?

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PAGE 07/12

Assignment Docket No.: SOA-0390

ASSIGNMENT

WHEREAS, I, as a below named inventor, 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

"C USTOM CONTENT COMPILATION USING DIGITAL CHAPTER MARKS" for which application for Letters Patent of the United States of America was executed by the 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, Japan and Sony Electronics Inc. a Delaware corporation with offices at 1 Sony Drive, Park Ridge, New Jersey 07656 (bereinafter referenced as ASSIONEES) 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 ASSIGNEES, its successors, assigns, and legal representatives, the entire right, tide 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 its designee, as ASSIGNEES or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect tide in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and councies 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 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

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 execution date, serial number and filing date of this application in the spaces that follow: Serial Number: 50U8018.01, Filing Date: August 23, 2006.

This assignment is being executed on the date indicated below.

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PATENT REEL: 019039 FRAME: 0468

| Assignment | | | | | |
|-----------------------------|--|-----------------------|-----------------------------|---|-------------------------|
| Docket No.: SOA-03 | 907 | | | | |
| Michael L | ens z | سترموم بيست | | 11/2 | / |
| Michael A. Bergeron | | | | Dated: | 28/2006 |
| (First Named Invento | 1 | | | | |
| | | | | | |
| STATE OF | | | | | |
| COUNTY OF | Annua 414 W. | | | | |
| | | | | | |
| On this | day of | | , in the year of | the above-named assignors, per | |
| | | , Notary Public, | personally appeared | the above-named assignors, per | sonally known to me (or |
| NAME OF STREET OF STREET | OF SERIES SECTION OF CAME | DCC/ OC DC HIL DOXAGO | i astroge that the 19 Octob | cribed to the within instrument, his/her/their signature(s) on the | WIND SEPTIMENT OF |
| person(s) or the entity upo | on behalf of which the | e person(s) acted, ex | ecuted the instrumen | nisoneronen alkiminie(s) en en | e instrument , tric |
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| • | | | | | |
| Yuko Nishikawa | _ | | | | |
| (Second Named Inve | entor) | | | Dated: | |
| (DODOWER TANKING THAT | ************************************** | | | <i></i> | |
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| STATE OF | | 1 | | | |
| | | 85. | | | |
| COUNTY OF | | | | • | |
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| 0-44- | | | | | |
| On this | day or | Notary Public : | , in the year of | , before me, the above-named assignors, per | romally known to me (or |
| proved to me on the basis | of satisfactory evider | nce) to be the person | whose name is subs | cribed to the within instrument, | and acknowledged to |
| | | | | his/her/their signature(s) on the | instrument, the |
| person(s) or the entity upo | m behalf of which the | e person(s) acted, ex | ecuted the instrument | . | |
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PAGE 9/12 * RCVD AT 3/14/2007 11:07:44 AM [Eastern Daylight Time] * SVR:USPTO-EFXRF-1/18 * DNIS:2730140 * CSID:202 955 5771 * DURATION (mm-ss):03-04

| Assignment Docket No.: SOA-0390 | |
|---|---|
| Michael A. Bergeron (First Named Inventor) | Dated: |
| STATE OF | · · |
| bloace to the out me pasts of sintellicinia extremen) in he o | in the year of, before me, Public, personally appeared the above-named assignors, personally known to me (or the person whose name is subscribed to the within insurment, and acknowledged to horized capacity(ies), and that his/ber/their signature(s) on the instrument, the never executed the insurment. |
| Wiko Nishikawa (Second Named Inventor) | Dated; (0, 2, 06 |
| STATE OF California. COUNTY OF San Dieg 0 | 5. |
| On this day of None, proved to me on the basis of satisfactory evidence; to be do me that her single their autiperson(s) or the entity upon behalf of which the person(s) | ., in the year of <u>DCOLO</u> , before me, Public, personally appeared the above-named assignors, personally known to see (or he person whose name is subscribed to the within instrument, and acknowledged to norized capacity(145), and that his her their signature(9 on the instrument, the acced, executed the instrument. |
| DEBORAH ANN GEE Commission # 1581661 Notary Public - California San Diego County My Comm Expires May 24, 200 | Delmahamm Deo. Abtary Pubic |

RADER FISMAN AND GRA

PAGE 10/12* RCVD AT 3/14/2007 11:07:44 AM [Eastern Daylight Time] * SVR:USPTO-EFXRF-1/18* DNIS:2730140* CSID:202 955 5771* DURATION (mm-ss):03-04

(Forth Named Inventor)

STATE OF ______

COUNTY OF

On this ______ day of ______, in the year of _____, before me,
______, Notary Public, personally appeared the above-named assignors, personally known to me (or
proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to
me that he/she/they executed the same in his/her/their authorized capacity(ies), and that his/her/their signature(s) on the instrument, the

person(s) or the entity upon behalf of which the person(s) acted, executed the instrument.

3

PAGE 11/12* RCVD AT 3/14/2007 11:07:44 AM [Eastern Daylight Time] * SVR:USPTO-EFXRF-1/18* DNIS:2730140* CSID:202 955 5771* DURATION (mm-ss):03-04

| Assignment Docket No.: SOA-0390 | |
|--|---|
| Nga Marie Phan Nguyen (Third Named Inventor) | Dated: |
| STATE OF | |
| proved to me on the basis of satisfactory evidence) to be the per | in the year of, before me, lic, personally appeared the above-named assignors, personally known to me (or rson whose name is subscribed to the within instrument, and acknowledged to ad capacity(les), and that his/her/their signature(s) on the instrument, the , executed the instrument. |
| Ronaldo Diaz (Forth Named Inventor) | Dated: 7/25/06 |
| STATE OF CALIFORNIA COUNTY OF SAN DIEED 55. | |
| On this 25 day of July Notary Publiproved to me on the basis of satisfactory evidence) to be the perme that he/shothey executed the same in his/her/their authorized person(s) or the entity upon behalf of which the person(s) acted, | , to the year of |
| Comment of Management | wie E. Smith |

PAGE 12/12 * RCVD AT 3/14/2007 11:07:44 AM [Eastern Daylight Time] * SVR:USPTO-EFXRF-1/18 * DNIS:2730149 * CSID:202 955 5771 * DURATION (mm-ss):03-94

PATENT

REEL: 019039 FRAME: 0472