| To the Director of the U.S. Patent and Tracemark Office. Please record the attached documents or the new address(es) below.  1. Name of conveying party(ies)/Execution Date(s):  KEISLIKE INOUE (04/15/2005) AND EUI  IWATA (04/08/2005)  SONY COMPUTER ENTERTAINMENT INC.  Internal Address.  Street A  | Form <b>PTO-1595</b> (Rev. 09/ 04)<br>OMB No. 0051-0027 (exc. 6/30/2005) | U.S. DEPARTMENT OF COMMERCE<br>United States Patent and Tradema k Office |  |
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| To the Director of the U.S. Potent and Trademark Office: Please record the attached documents or the new address(es) below.  1. Name of conveying party(les)/Execution Date(s):  KFISUKE INCUE (04/15/2005) AND EIII IWATA (04/08/2005)  SONY COMPUTER  Name: Security Agreement  | RECORDATION FOR  | M COVER SHEET  |  |
| 1. Name of conveying party(ies)/Execution Date(s):  KERSUKE INOUE (04/15/2005) AND EUI  IWATA (04/08/2005)  SONY COMPUTER  Name: SONY COMPUTER  Name: ENTERTAINMENT INC.  Internal Address:  Street Address:  2-6-21. Minami-Aoyama Minato-ku Tokyo 107-0062 JAPAN  City:  State:  Country: Zip: Additional name(s) & address(es) Yes X No  11/236,282  Additional numbers attached?  Additional numbers attached?  Address: Andress: Andress: Andress: Address: Addr  | PATENTS ONLY   |  |  |
| SONY COMPUTER   Name: ENTERTAINMENT INC.   Internal Address:   State   Address   Street Address   State   Address   State   Address   State   Address   State   Address   Additional numbers attached?   Yes   X No   Name and address to whom correspondence concerning document should be mailed:   Name: Address   Address   State   Address   Addres    | To the Director of the U.S. Patent and Trademark Office: Please          | record the attached documents or the new address(es) below.              |  |
| SONY COMPUTER Name: ENTERTAINMENT INC. Internal Address: Street Address: Stree  | Name of conveying party(ies)/Execution Date(s):                          | 2. Name and address of receiving party(les)                              |  |
| Execution Dato(s): in parentheses after inventor name  Additional name(s) of conveying panyless) attached?    Ves   | <b>.</b> "   |  |  |
| Name: ENTERTAINMENT INC.  | IWATA (04/08/2005)   | SONY COMPUTER  |  |
| Internal Address:   Internal Address:   Street    |  | CARTED TARBATE AND INTO  |  |
| Street Address:  2-6-21. Minami-Aoyama  Minamo-ku Tokyo 107-0062 JAPAN  City:  Security Agreement  State:  Executive Order 9424. Confirmatory License Other  Application or patent number(s):  A Patent Application No.(s)  11/236.262  Additional numbers attached?  Additional number of applications and patents involved:  Additional number of applications and patents involved:  Total number of applications and patents involved:  Additional numbers attached?  Additional numbers attached?  Additional number of applications and patents involved:  Additional number of applications and patents involv  |  |  |  |
| Additional name(s) of conveying pany(ies) altached? Yes X No  3. Nature of Conveyance:  | Execution Dato(s): in parentheses after inventor name                    |  |  |
| Tokyo   107-0062 JAPAN     Tokyo   107-0062 JAPAN   |  | 2-6-21, Minami-Aoyama  |  |
| X Assignment  | 2. Nature of Conveyance:   |  |  |
| Security Agreement Change of Name Government Interest Assignment Executive Order 9424, Confirmatory License Other  4. Application or patent number(s): A. Patent Application No.(s) 11/236,262  Additional numbers attached?  Additional numbers attached?  This document is being filed together with a new application. B. Patent No.(s)  5. Name and address to whom correspondence concerning document should be mailed: Name: Andrew T. Zidel LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP Internal Address: Alty. Dkt.: SCEI 3.0-191 Street Address: 600 South Avenue West  City: Westfield Slate: NJ Zip: 07090 Phone Number: (908) 518-6385 Fax Number: (908) 554-0415 Email Address: azidel@Idlikm.com  Patent No.(s)  6. Total number of applications and patents involved:  7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00  Authorized to be charged to deposit account length of the patents |  | 1 -  |  |
| Government Interest Assignment   State:   Country:   Zip:   Additional name(s) & address(es)   Yes   X   No   |  |  |  |
| Executive Order 9424, Confirmatory License  Other  Other  Application or patent number(s):  A. Patent Application No.(s)  11/236,262  Additional name(s) & address(es)  This document is being filed together with a new application.  B. Patent No.(s)  11/236,262  Additional numbers attached?  Yes X No  5. Name and address to whom correspondence concerning document should be mailed:  Name:  Andrew T. Zidel  LERNER, DAVID, LITTENBERG,  KRUMHOLZ & MENTLIK, LLP  Internal Address: Alty, Dkt.: SCE(3.0-191)  Street Address: 600 South Avenue West  Authorized to be charged by credit card  X Authorized to be charged by credit card  X Authorized to be charged to deposit account  Enclosed  None required (government interest not affecting title)  B. Payment Information  a. Credit Card Last 4 Numbers  Expiration Date  b. Deposit Account Number 12-1095  Authorized User Name Andrew T. Zidel  December 20, 2005  Date  Andrew T. Zidel - 45,256  Total number of pages including cover 3  |  |  |  |
| Additional name(s) & address(es) Yes X No attached:  4. Application or patent number(s):  A. Patent Application No.(s) 11/236,262  Additional numbers attached?  Additional numbers attached?  This document is being filed together with a new application.  B. Patent No.(s)  8. Patent No.(s)  5. Name and address to whom correspondence concerning document should be mailed:  Name:  Andrew T. Zidel  LERNER, DAVID, LITTENBERG,  KRUMHOLZ & MENTLIK, LLP  Internal Address: Alty, Dkt.: SCEI 3.0-191  Street Address: 600 South Avenue West  City:  Westfield  State:  NJ Zip: 07090  Phone Number:  (908) 518-6385  Fax Number:  (908) 654-0415  Exal Number:  (908) 654-0415  Exal Number:  Exprision Date  b. Deposit Account Number 12-1095  Authorized User Name Andrew T. Zidel  December 20, 2005  Date  Andrew T. Zidel - 45,256  Total number of applications and patents involved:  1. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00  Authorized to be charged to deposit account interest not affecting title)  B. Payment Information  a. Credit Card Last 4 Numbers  Exprision Date  b. Deposit Account Number 12-1095  Authorized User Name Andrew T. Zidel  December 20, 2005  Date  |  |  |  |
| 4. Application or patent number(s):  A. Patent Application No.(s)  11/236,262  Additional numbers attached?  Yes X No  5. Name and address to whom correspondence concerning document should be mailed:  Name:  Andrew T. Zidel  LERNER, DAVID, LITTENBERG,  KRUMHOLZ & MENTLIK, LLP  Internal Address: Atty. Dkt.: SCEI 3.0-191  Street Address: 600 South Avenue West  Authorized to be charged to deposit account  Enclosed  None required (government interest not affecting title)  8. Payment Information  a. Credit Card  Last 4 Numbers  Explaination Date  b. Deposit Account Numbers  Authorized User Name  Andrew T. Zidel  December 20, 2005  Date  Total number of pages including cover  3  | Executive Order 9424, Confirmatory License                               |  |  |
| A. Patent Application No.(s) 11/236,262  Additional numbers attached?  Additional numbers attached?  Additional numbers attached?  Yes x No  5. Name and address to whom correspondence concerning document should be mailed:  Name: Andrew T. Zidel LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP Internal Address: Atty. Dkt.: SCEI 3.0-191 Street Address: 600 South Avenue West  City: Westfield  City: Westfield  City: Westfield  State: NJ Zip: 07090 Phone Number: (908) 518-6385 Fax Number: (908) 654-0415 Email Address: azidel@ldlkm.com  Psignature:  Andrew T. Zidel - 45,256  B. Patent No.(s)  6. Total number of applications and patents involved:  1 Authorized to be charged to deposit account with a count interest not affecting title)  8. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number 12-1095 Authorized User Name Andrew T. Zidel  December 20, 2005 Date  Andrew T. Zidel - 45,256  Total number of pages including cover 3   | Other  |  |  |
| A. Patent Application No.(s) 11/236,262  Additional numbers attached?  Additional numbers attached?  Additional numbers attached?  Yes x No  5. Name and address to whom correspondence concerning document should be mailed:  Name: Andrew T. Zidel LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP Internal Address: Atty. Dkt.: SCEI 3.0-191 Street Address: 600 South Avenue West  City: Westfield  City: Westfield  City: Westfield  State: NJ Zip: 07090 Phone Number: (908) 518-6385 Fax Number: (908) 654-0415 Email Address: azidel@ldlkm.com  Psignature:  Andrew T. Zidel - 45,256  B. Patent No.(s)  6. Total number of applications and patents involved:  1 Authorized to be charged to deposit account with a count interest not affecting title)  8. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number 12-1095 Authorized User Name Andrew T. Zidel  December 20, 2005 Date  Andrew T. Zidel - 45,256  Total number of pages including cover 3   | 4. Application or patent number(s):                                      | This document is being filed together with a new application.            |  |
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| LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP  Internal Address: Alty. Dkl.: SCEI 3.0-191  Street Address: 600 South Avenue West  City: Westfield State: NJ Zip: 07090 Phone Number: (908) 518-6385 Fax Number: (908) 654-0415 Email Address: azidel@Idlkm.com  P. Signature: December 20, 2005 Signature  Andrew T. Zidel - 45,256  Total number of pages including cover 3   |  |  |  |
| None required (government interest not affecting title)   State: NJ Zip: 07090   Sax 4 Number: (908) 518-6385   Expiration Date     Fax Number: (908) 654-0415   Email Address: azidel@ldlkm.com     Signature   December 20, 2005     Signature     Authorized to be charged to deposit account     B. Payment Information     a. Credit Card Last 4 Numbers     Expiration Date     b. Deposit Account Number   12-1095     Authorized User Name   Andrew T. Zidel     Andrew T. Zidel - 45,256   Total number of pages including cover     3   | 1  |  |  |
| Internal Address: Alty. Dkt.: SCEI 3.0-191 Street Address: 600 South Avenue West  Authorized to be charged by credit card  Authorized to be charged to deposit account  Enclosed  None required (government interest not affectir g title)  8. Payment Information a. Credit Card  Expiration Date  Fax Number:  Email Address:  Email Address:  Authorized User Name  December 20, 2005  Date  Andrew T. Zidel - 45,256  Total number of pages including cover   |  | 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00                            |  |
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| City:   Westfield   8. Payment Information  |  | <del> </del>   |  |
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| Phone Number:   | City: Westfield  | 8. Payment Information   |  |
| Fax Number:   | State: NJ Zip: 07090   | a. Credit Card Last 4 Numbers  |  |
| Andrew T. Zidel  Andrew T. Zidel  December 20, 2005  Signature  Andrew T. Zidel  December 20, 2005  Total number of pages including cover 3   |  | ·  |  |
| 9. Signature:  December 20, 2005  Signature  Andrew T. Zidel - 45,256  Total number of pages including cover 3  |  | ·  |  |
| December 20, 2005 Signature  Andrew T. Zidel - 45,256  December 20, 2005  Total number of pages including cover 3   |  | Authorized user Name Andrew 1, Zidei                                     |  |
| Signature Date  Andrew T. Zidel - 45,256 Total number of pages including cover 3  | 9. Signature:  |  |  |
| Andrew T. Zidel - 45,256 Total number of pages including cover 3  | (sideens(s))   | · · · · · · · · · · · · · · · · · · ·                                    |  |
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| Name of Person Signing sheet, attachments, and documents:   |  | sheet, attachments, and documents:                                       |  |

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PATENT REEL: 017135 FRAME: 0786

|   | PTO/SR/15 (8-00) Modified             |  |
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| A COLOMBENT OF PROVIDIONAL APPLICATION  | Docket Number (Optional)              |  |
| ASSIGNMENT OF PROVISIONAL APPLICATION   | SCEI 3.8-191                          |  |
|   | · · · · · · · · · · · · · · · · · · · |  |
| Whereas I. Keisuke Inoue  | of                                    |  |
| Whereas, I. Keisuke Inque do Sony Computer Entertainment Inc., 2-6-21, Minami-Aoyama, Mi  | nato-ku Tokyo 107-0062.               |  |
| JAPAN   | indio ita, ronyo, ror over            |  |
| <u> </u>  |                                       |  |
|   |                                       |  |
| hereafter referred to as Assignor, have invented certain new and useful imp<br>METHODS AND APPARATUS FOR PROVIDING A COMPRESS<br>MULTI-PROCESSING SYSTEM  | rovements in<br>ED NETWORK IN A       |  |
| x for which a provisional application for a United States Patent was file   | ed on September 28, 2004              |  |
| Application Number 60/613,901   |                                       |  |
| for which a provisional application for a United States Patent was exec   | cuted on                              |  |
| ror which a provisional application for a drifted states rate in was exec   | and and                               |  |
| Computer Entertainment Inc  |                                       |  |
| Whereas, Sony Computer Entertainment Inc. a corporation of Japan herein referred to as "assignee" whose mailing address   | ie                                    |  |
|   | . 1 <u>u</u>                          |  |
| 2-6-21, Minami-Aoyama, Minato-ku, Tokyo, 107-0062, JAPAN  |                                       |  |
| is desirous of acquiring the entire right, title and interest in the same:  |                                       |  |
| NOW, THEREFORE, in consideration of the sum of one dollars (\$ 1.00 ), the receipt whereof is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee the entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid provisional patent application and all original, divisional, continuation, continuation-inpart, substitute or reissue applications and patents applied for or granted therefore in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid provisional application pursuant to any law or freaty, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and coveriant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said application number of said application when known.   (Date)  Keisuke Inoue |                                       |  |
|   |                                       |  |
| Witness   |                                       |  |
| Typed Name of Witness   |                                       |  |
|   |                                       |  |
|   |                                       |  |

PATENT REEL: 017135 FRAME: 0787

**RECORDED: 12/20/2005** 

|  | PTO/SB/15 (8-00) Modified  Docket Number (Optional)  |
|--|--|
| ASSIGNMENT OF PROVISIONAL APPLICATION  | SCEI 3.8-191   |
| Whereas, I. <u>Eiji Iwata</u><br>c/o Sony Computer Entertainment Inc., 2-6-21, Minami-Aoyama, Minato<br>JAPAN  | of   |
| hereafter referred to as Assignor, have invented certain new and useful improve METHODS AND APPARATUS FOR PROVIDING A COMPRESSED MULTI-PROCESSING SYSTEM   | NETWORK IN A   |
| Application Number 60/613,901 for which a provisional application for a United States Patent was executed  | ion, and   |
| Whereas, Sony Computer Entertainment Inc. a corporation of Japan herein referred to as "assignee" whose mailing address is 2-6-21, Minami-Aoyama, Minato-ku, Tokyo, 107-0062, JAPAN is desirous of acquiring the entire right, title and interest in the same;   |  |
| NOW, THEREFORE, in consideration of the sum of one dollars (\$ 1.0 is acknowledged, and other good and valuable consideration, I as assignor hereb assignee the entire right, title and interest for the United States of America and invention and the aforesaid provisional patent application and all original, divisio part, substitute or reissue applications and patents applied for or granted therefor and all other countries, for said invention, including without limitation all application ctaiming priority or benefit of the aforesaid provisional application pursuant to an right to claim such priority or benefit and the Commissioner of Patents and Trad requested to issue all patents on said improvements or resulting therefrom to said the entire interest therein; and the undersigned for me and my legal representativagree and covenant without further remuneration, to execute and deliver all reissue and other applications for Letters Patent on said improvements and assignee or its assigns, to communicate to said assignee or its representatives a respecting said improvements, whenever requested, to testify in any interference which any of said applications or patents may become involved, to sign all lawful and to do generally everything necessary to aid assignee, its successors, assign protection for said improvements in all countries, the expenses incident to said by said assignee. | y sell, assign and set over to said all other countries in and to said nat, continuation, continuation-ine in the United States of America and patents for said invention y law or treaty, and including the emarks is hereby authorized and diassignee herein, as assignee of eyes, heirs and assigns do hereby original, divisional, continuation, all assignments thereof to said if facts known to the undersigned ses or other legal proceedings in all papers, make all rightful oaths, as and nominees to obtain patent applications to be borne and paid |
| And I do hereby authorize my altorneys, to insert on this deed the filing date application when known.  4/(8//2004   | Eiji Iwata   |
| Witness  |  |
| Typed Name of Witness  |  |
| 556048_I.DOC   |  |

LDLKM

PATENT REEL: 017135 FRAME: 0788