

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT7682490

|   |   |
|---|---|
| <b>SUBMISSION TYPE:</b>   | CORRECTIVE ASSIGNMENT   |
| <b>NATURE OF CONVEYANCE:</b>  | Corrective Assignment to correct the APPLICATION SERIAL NUMBER FROM 14933435 TO 14993435 previously recorded on Reel 038973 Frame 0233. Assignor(s) hereby confirms the ASSIGNMENT. |
| <b>CONVEYING PARTY DATA</b>   |   |
| <b>Name</b>   | <b>Execution Date</b>   |
| HISAO M. CHANG  | 05/12/2008  |
| <b>RECEIVING PARTY DATA</b>   |   |
| <b>Name:</b>  | AT&T KNOWLEDGE VENTURES, L.P.   |
| <b>Street Address:</b>  | 645 E. PLUMB LANE   |
| <b>City:</b>  | RENO  |
| <b>State/Country:</b>   | NEVADA  |
| <b>Postal Code:</b>   | 89502   |
| <b>PROPERTY NUMBERS Total: 1</b>  |   |
| <b>Property Type</b>  | <b>Number</b>   |
| Application Number:   | 14993435  |
| <b>CORRESPONDENCE DATA</b>  |   |
| <b>Fax Number:</b>  |   |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i> |   |
| <b>Email:</b>   | js703n@att.com  |
| <b>Correspondent Name:</b>  | AT&T LEGAL DEPARTMENT   |
| <b>Address Line 1:</b>  | ONE AT&T WAY  |
| <b>Address Line 2:</b>  | ROOM 2A-212   |
| <b>Address Line 4:</b>  | BEDMINSTER, NEW JERSEY 07921  |
| <b>ATTORNEY DOCKET NUMBER:</b>  | 2007-1175 CON1 CORRECTIVE   |
| <b>NAME OF SUBMITTER:</b>   | JANET SHIBATA   |
| <b>SIGNATURE:</b>   | /Janet Shibata/   |
| <b>DATE SIGNED:</b>   | 12/07/2022  |
| <b>Total Attachments: 3</b>   |   |
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| source=Assignment Coversheet with incorrect application number#page2.tif  |   |
| source=Assignment Coversheet with incorrect application number#page3.tif  |   |

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3927966

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|---|-------------------------------|-----------------------|
| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT                |                       |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                    |                       |
| <b>CONVEYING PARTY DATA</b>   |                               |                       |
|   | <b>Name</b>                   | <b>Execution Date</b> |
|   | HISAO M. CHANG                | 05/12/2008            |
| <b>RECEIVING PARTY DATA</b>   |                               |                       |
| <b>Name:</b>  | AT&T KNOWLEDGE VENTURES, L.P. |                       |
| <b>Street Address:</b>  | 645 E. PLUMB LANE             |                       |
| <b>City:</b>  | RENO                          |                       |
| <b>State/Country:</b>   | NEVADA                        |                       |
| <b>Postal Code:</b>   | 89502                         |                       |
| <b>PROPERTY NUMBERS Total: 1</b>  |                               |                       |
|   | <b>Property Type</b>          | <b>Number</b>         |
|   | <b>Application Number:</b>    | 14933435 14993435     |
| <b>CORRESPONDENCE DATA</b>  |                               |                       |
| <b>Fax Number:</b>  | (732)542-2283                 |                       |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i> |                               |                       |
| <b>Phone:</b>   | 732-542-2280                  |                       |
| <b>Email:</b>   | khunter@trbkclaw.com          |                       |
| <b>Correspondent Name:</b>  | AT&T LEGAL DEPARTMENT - TRBK  |                       |
| <b>Address Line 1:</b>  | ONE AT&T WAY                  |                       |
| <b>Address Line 2:</b>  | ROOM 2A-212                   |                       |
| <b>Address Line 4:</b>  | BEDMINSTER, NEW JERSEY 07921  |                       |
| <b>ATTORNEY DOCKET NUMBER:</b>  | 2007-1175                     |                       |
| <b>NAME OF SUBMITTER:</b>   | KIRSTEN HUNTER                |                       |
| <b>SIGNATURE:</b>   | /Kirsten Hunter/              |                       |
| <b>DATE SIGNED:</b>   | 06/21/2016                    |                       |
| <b>Total Attachments: 2</b>   |                               |                       |
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| source=2007-1175_Assignment#page2.tif   |                               |                       |

### **ASSIGNMENT**

WHEREAS, **Hisao M. Chang**, a citizen of the United States of America; residing at *2507 Kopperl Court, Cedar Park, Texas 78613*, hereinafter called the "Assignor", has made the invention described in the United States patent application entitled "**Methods and Apparatus to Generate Relevance Rankings for Use by a Program Selector of a media Presentation System**," Attorney Docket No. 7780-071175 (AT&T **2007-1175**), for a full description of which reference is here made to an application for Letters Patent of the United States filed herewith; and

WHEREAS, AT&T KNOWLEDGE VENTURES, L.P., a partnership organized and existing under the laws of the State of Nevada, having a place of business at 645 E. Plumb Lane, Reno, Nevada 89502, hereinafter called the "Assignee", desires to acquire the entire right, title and interest for the United States of America and elsewhere throughout the world in and to said invention and the patent application identified above, including any and all divisions and continuations thereof and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof.

NOW, THEREFORE in consideration of the sum of One Dollar (\$1.00) and other valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefor in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term and terms for all such patents.

AND said Assignor hereby covenants and agrees, for both the Assignor and the Assignor's legal representatives, that the Assignor will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignors will execute and deliver to the Assignee to carry out the terms of this Assignment. Assignors authorize attorney or agent to fill in the U.S. Application Serial No. above, if required.

AND said Assignor authorizes and requests the Commissioner of Patents to issue Letters Patent on said application, and on any all divisions and continuations thereof, to

Attorney Docket Number 7780-071175

said Assignee, its assigns and legal representatives, in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, this Assignment is executed by said Assignor, on the date(s) listed below.

Name of Inventor: Hisao M. Chang

Signature of Inventor: *hmc*

Date: 5/12/08

Witnesses for Inventor

First Witness:

*Brad Howell* 5/12/08

Signature / Date

Brad Howell

Full Name (printed)

Second Witness:

*Donald Garofalo* 5/12/08

Signature / Date

Donald Garofalo

Full Name (printed)