

PATENT ASSIGNMENT

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| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | | | | | | | |
|--|---|---------------|---|---------------------|-------------------|-------------------|---------------------------------|----------------|------------|----------------|------------|--------------|------------|--------------------|------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>J. Douglas Birdwell</td> <td>07/13/2010</td> </tr> <tr> <td>Tse-Wei Wang</td> <td>07/15/2010</td> </tr> <tr> <td>David J. Icove</td> <td>07/14/2010</td> </tr> <tr> <td>Sally P. Horn</td> <td>07/14/2010</td> </tr> <tr> <td>Roger Horn</td> <td>07/15/2010</td> </tr> <tr> <td>Dale V. Stansberry</td> <td>07/15/2010</td> </tr> </tbody> </table> | | Name | Execution Date | J. Douglas Birdwell | 07/13/2010 | Tse-Wei Wang | 07/15/2010 | David J. Icove | 07/14/2010 | Sally P. Horn | 07/14/2010 | Roger Horn | 07/15/2010 | Dale V. Stansberry | 07/15/2010 |
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| RECEIVING PARTY DATA | | | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>University of Tennessee Research Foundation</td> </tr> <tr> <td>Street Address:</td> <td>600 Henley Street</td> </tr> <tr> <td>Internal Address:</td> <td>UT Conference Center, Suite 211</td> </tr> <tr> <td>City:</td> <td>Knoxville</td> </tr> <tr> <td>State/Country:</td> <td>TENNESSEE</td> </tr> <tr> <td>Postal Code:</td> <td>37996-4122</td> </tr> </table> | | Name: | University of Tennessee Research Foundation | Street Address: | 600 Henley Street | Internal Address: | UT Conference Center, Suite 211 | City: | Knoxville | State/Country: | TENNESSEE | Postal Code: | 37996-4122 | | |
| Name: | University of Tennessee Research Foundation | | | | | | | | | | | | | | |
| Street Address: | 600 Henley Street | | | | | | | | | | | | | | |
| Internal Address: | UT Conference Center, Suite 211 | | | | | | | | | | | | | | |
| City: | Knoxville | | | | | | | | | | | | | | |
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| Postal Code: | 37996-4122 | | | | | | | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Property Type</th> <th style="width: 70%;">Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12823303</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 12823303 | | | | | | | | | | |
| Property Type | Number | | | | | | | | | | | | | | |
| Application Number: | 12823303 | | | | | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | | | | | |
| <p>Fax Number: (202)280-1393</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 2026838929</p> <p>Email: docketing@pctlg.com</p> <p>Correspondent Name: PCT Law Group, PLLC</p> <p>Address Line 1: 818 Connecticut Avenue, NW</p> <p>Address Line 2: Suite 700</p> <p>Address Line 4: Washington, DISTRICT OF COLUMBIA 20006</p> | | | | | | | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | 204842.010 | | | | | | | | | | | | | | |

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PATENT
REEL: 024725 FRAME: 0412

NAME OF SUBMITTER:

Thomas H. Jackson

Total Attachments: 2

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PATENT ASSIGNMENT

WHEREAS, the undersigned inventor(s) (hereinafter singly and collectively, "ASSIGNOR") of the addresses indicated below, have invented subject matter disclosed in the patent application entitled **Method and Apparatus for Predicting Object Properties and Events Using Similarity-Based Information Retrieval and Modeling** filed on June 25, 2010 and assigned U.S. Application Serial No. 12/823,303.

AND WHEREAS, University of Tennessee Research Foundation (hereinafter "ASSIGNEE"), having its principal place of business and mailing address at 600 Henley Street, UT Conference Center, Suite 211, Knoxville, TN 37996-4122, US, is desirous of memorializing its interest therein;

NOW, THEREFORE, the undersigned ASSIGNOR recognizes that the ASSIGNEE owns the invention as described in the aforesaid application. Nonetheless to comport with Patent Office procedures, ASSIGNOR memorializes that relationship in the form of this assignment and;

THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR by these presents does sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right to the invention, as described in the aforesaid application, including patent, copyright and any other intellectual property rights, any provisional, non-provisional, continuation, continuation in part, divisional, reissue, reexamination, foreign, PCT or other patent application or like document, or any other application which claims priority to said application, in the United States and all foreign countries, together with the right of priority 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 adheres, and hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to ASSIGNEE, for the sole use and benefit of ASSIGNEE, its successors, assigns and legal representatives,

AND HEREBY AGREES to transfer to ASSIGNEE, its successors, assigns and legal representatives, without further remuneration, a like interest in and to any improvements, derivative works, and applications based thereon, growing out of or relating to the invention; and to provide all reasonable assistance and execute any papers, if accurate, desired by ASSIGNEE, its successors, assigns and legal representatives, to preserve, acquire and/or perfect ASSIGNEE's full protection and title in and to the invention and any improvements and to file any of the aforementioned applications.

In the event that the Application Number and/or filing date is not available when this Assignment is executed, I hereby authorize and request any attorney associated with **PCT Law Group, PLLC**, Customer No. 075396, to insert in this assignment the filing date and/or the application number of said application and/or any further identification that may be necessary or

desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

EXECUTED as of the date written below by ASSIGNOR:

| INVENTOR'S NAME | ADDRESS | SIGNATURE | DATE |
|----------------------------|---|--------------------|------------------|
| <u>J. Douglas Birdwell</u> | 15 Raintree Crossing Oak Ridge, TN 37830 | <u>[Signature]</u> | <u>7/13/2010</u> |
| <u>Tse-Wei Wang</u> | 15 Raintree Crossing Oak Ridge, TN 37830 | <u>[Signature]</u> | <u>7/15/2010</u> |
| <u>David J. Iove</u> | P.O. Box 1348 Knoxville, TN 37901-1348 | <u>[Signature]</u> | <u>7/14/2010</u> |
| <u>Sally P. Horn</u> | 705 Whirlaway Circle Knoxville, TN 37923 | <u>[Signature]</u> | <u>7/14/2010</u> |
| <u>Roger Horn</u> | 705 Whirlaway Circle Knoxville, TN 37923 | <u>[Signature]</u> | <u>7/15/10</u> |
| <u>Mark Rader</u> | 14 Hawthorn Heights Huntsville, AL 35824 | _____ | _____ |
| <u>Dale V. Stansberry</u> | 124 Kentucky Ave. Oak Ridge, TN 37830 | <u>[Signature]</u> | <u>7/15/10</u> |

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