

PATENT ASSIGNMENT

Electronic Version v1.1

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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>Stuart J Rose</td> <td>09/02/2009</td> </tr> <tr> <td>Wendy E Cowley</td> <td>09/01/2009</td> </tr> <tr> <td>Vernon L Crow</td> <td>09/01/2009</td> </tr> <tr> <td>Nicholas O Cramer</td> <td>09/08/2009</td> </tr> </tbody> </table>		Name	Execution Date	Stuart J Rose	09/02/2009	Wendy E Cowley	09/01/2009	Vernon L Crow	09/01/2009	Nicholas O Cramer	09/08/2009		
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CORRESPONDENCE DATA													
Fax Number: (509)375-4487 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 509-375-2387 Email: darci.bunten@pnl.gov Correspondent Name: BATTELLE MEMORIAL INSTITUTE ATTN: IP SER Address Line 1: P. O. BOX 999 Address Line 2: M/S K1-53 Address Line 4: RICHLAND, WASHINGTON 99352													
ATTORNEY DOCKET NUMBER:	16276-E												

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PATENT
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NAME OF SUBMITTER:

Allan C. Tuan

Total Attachments: 6

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ASSIGNMENT OF PATENT RIGHTS

Stuart J. Rose
Wendy S. Cowley
Vernon L. Crow
Nicholas O. Cramer

To

Battelle Memorial Institute

WHEREAS, we, Stuart J. Rose of Richland, County of Benton, State of Washington, Wendy E. Cowley of Richland, County of Benton, State of Washington, Vernon L. Crow of Richland, County of Benton, State of Washington, and Nicholas O. Cramer of Richland, County of Benton, State of Washington; hereinafter INVENTORS, have made certain inventions related to, **Rapid Automatic Keyword Extraction for Information Retrieval and Analysis**, including those, described and claimed in various disclosures including:

U.S. Patent Application No. 12/555,916, filed September 9, 2009 Entitled: **Rapid Automatic Keyword Extraction for Information Retrieval and Analysis**

U.S. Provisional Patent Application No. 61/222,737, filed July 2, 2009 Entitled: **Feature Extraction Methods and Apparatus for Information Retrieval and Analysis**

For which we are about to make application for Letters Patent of the United States; collectively referred to hereinafter as INVENTIONS;

WHEREAS Battelle Memorial Institute, a corporation of Ohio, organized and existing under the laws of the State of Ohio, and having a place of business in the City of Richland, Washington, is desirous of acquiring all right, title, and interest in the said INVENTIONS and in all patents or patent applications sought or obtained therefor;

NOW, THEREFORE, be it known to all those who may be concerned, that for and in consideration of the sum of One Dollar (\$1.00) each, and other good and valuable considerations, the receipt of which is hereby acknowledged, We the INVENTORS have each sold, assigned,

and transferred, and by these presents do sell, assign and transfer unto the said Battelle Memorial Institute, the entire right, title, and interest in and to the INVENTIONS shown, described, or claimed herein, and the full and exclusive right, title, and interest to any and all patents and patent applications that show, describe or claim said INVENTIONS including but not limited to those applications referenced herein, and in and to any extensions, continuations, including continuations in part, reissues, divisions, or renewals thereof; and We each do hereby authorize and request the Commissioner of Patents or other proper Officer, to issue such Letters Patent, or any of them to the said Battelle Memorial Institute, as the assignee of my entire right, title, and interest in and to the same for the sole use and benefit of the said Battelle Memorial Institute, and its successors or assigns.

We each further covenant and agree that we each will, at the request and expense of the said Battelle Memorial Institute, execute such other and further assurances of title as may be necessary or proper to fully convey the interest herein sought to be conveyed; and that each of us will, at the request and expense of the said Battelle Memorial Institute, execute such application papers as may be desired by the said Battelle Memorial Institute, for the filing of any division or renewal of the application herein conveyed, or for reissues or extensions (including continuations or continuations in part applications), or any Letters Patent that may be granted upon said application, and will execute such Supplemental Oaths and Preliminary Statements, or other papers as desired by the said Battelle Memorial Institute.

We each further assign unto the said Battelle Memorial Institute, the whole right, title, and interest to the invention disclosed in the application throughout all countries foreign to the United States, and do hereby authorize the said Battelle Memorial Institute to apply for patents therefor in its own name in countries where such procedure is proper and to claim the benefit of International Conventions and agree to execute applications of the said invention in the several countries where it is necessary that the same be executed by the inventors, and to execute assignments of such applications and the patents to be obtained therefor to the said Battelle Memorial Institute, the assignee herein, as well as all other necessary papers.

Executed at Richland, State of Washington, this 2nd day of September, 2009.

Stuart J. Rose
Stuart J. Rose

STATE OF WASHINGTON)

) ss.

COUNTY OF Benton)

This 2nd day of September, 2009, before me personally came the above-named Stuart J. Rose who executed the foregoing instrument in my presence, and who acknowledged to me that he executed the same of his own free will for the purposes set forth therein.

Darci L. Bunter
Notary Public for the State of Washington.

My commission expires: 9/16/10.

[SEAL]

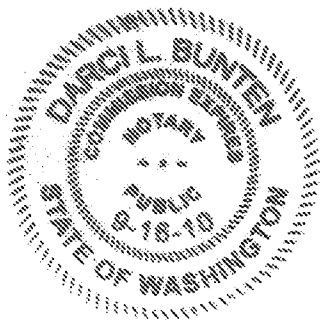


Executed at Richland, State of Washington, this 1st day of September, 2009.

Wendy E. Cowley
Wendy E. Cowley

STATE OF WASHINGTON)
) ss.
COUNTY OF Benton)

This 1st day of September, 2009, before me personally came the above-named Wendy E. Cowley who executed the foregoing instrument in my presence, and who acknowledged to me that she executed the same of her own free will for the purposes set forth therein.



[SEAL]

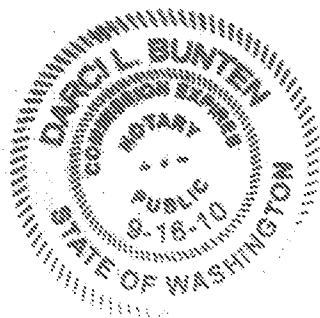
Darcy L. Bunter
Notary Public for the State of Washington.
My commission expires: 9/18/10

Executed at Richland, State of Washington, this 1st day of September, 2009.

Vernon L. Crow
Vernon L. Crow

STATE OF WASHINGTON)
) ss.
COUNTY OF Benton)

This 1st day of September, 2009, before me personally came the above-named Vernon L. Crow who executed the foregoing instrument in my presence, and who acknowledged to me that he executed the same of his own free will for the purposes set forth therein.



[SEAL]

Darcy L. Bunter
Notary Public for the State of Washington.
My commission expires: 9/18/10.

Executed at Richland, State of Washington, this 8th day of September, 2009.

Nicholas O. Cramer

Nicholas O. Cramer

STATE OF WASHINGTON)
) ss.
COUNTY OF Benton)

This 8th day of September, 2009, before me personally came the above-named Nicholas O. Cramer who executed the foregoing instrument in my presence, and who acknowledged to me that he executed the same of his own free will for the purposes set forth therein.

[SEAL]



Darci L. Buntel

Notary Public for the State of Washington.
My commission expires: 9/16/10.