

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>Paul Zhang</td> <td>08/20/2010</td> </tr> <tr> <td>Harry Silver</td> <td>08/20/2010</td> </tr> <tr> <td>Timothy L. Humphrey</td> <td>08/20/2010</td> </tr> </tbody> </table>		Name	Execution Date	Paul Zhang	08/20/2010	Harry Silver	08/20/2010	Timothy L. Humphrey	08/20/2010		
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CORRESPONDENCE DATA											
<p>Fax Number: (513)977-8141 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 513-977-8200 Email: bonnie.boaz@dinslaw.com Correspondent Name: DINSMORE & SHOHL LLP Address Line 1: 1900 CHEMED CENTER Address Line 2: 255 EAST FIFTH STREET Address Line 4: CINCINNATI, OHIO 45202</p>											
ATTORNEY DOCKET NUMBER:	31547-43/LEN0018PA										
NAME OF SUBMITTER:	Nicholaus R. Rericha										
<p>Total Attachments: 2 source=31547-43_Final_Assignment-Record#page1.tif</p>											

OP \$40.00 12869413

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PATENT
REEL: 024894 FRAME: 0774

ASSIGNMENT

WHEREAS, we, **Paul Zhang** of 9643 Preserve Place, Centerville, OH 45458, **Harry Silver** of 3456 Colton Rd., Shaker Heights, Ohio 44122, and **Timothy L. Humphrey** of 1865 Hollowview Trl, Centerville, Ohio 45459 have invented certain new and useful **METHODS FOR SEMANTICS-BASED CITATION-PAIRING INFORMATION** for which we executed an application for a United States Patent and for which said application for United States Patent was filed on 8/26/2010 under

☒ Patent Application Serial No. 12/869,413 ;
☒ Attorney Docket No. 31547-43/LEN0018PA ;

WHEREAS, we hereby authorize and request the attorney(s) and/or agent(s) empowered to act on **LexisNexis, a division of Reed Elsevier Inc.**'s behalf in the aforementioned application, to insert above the filing date and application number of said application, when known;

AND WHEREAS, **LexisNexis, a division of Reed Elsevier Inc.**, a corporation of the State of Ohio, with a place of business at 9443 Springboro Pike, Miamisburg, Ohio, hereinafter called the Assignee, is desirous of acquiring the entire right, title and interest in and to said application and the inventions therein disclosed and any letters patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, receipt whereof is hereby acknowledged, we hereby sell, assign and transfer unto said Assignee, its successors and assigns, the entire right, title and interest in and to said application and any divisions or continuations thereof, and the inventions therein disclosed, and any improvements thereon, and any patent or patents that may be issued or reissued thereon, and we hereby authorize and request the Commissioner of Patents and Trademarks to issue any letters patent thereon, and reissues thereof, to said Assignee, its successors and assigns; and we hereby authorize said Assignee, its successors and assigns, to file in its own name applications for patent in foreign countries in connection with the inventions hereby transferred, under the International Convention claiming the priority of said United States application or otherwise, and to secure in its own name the patent or patents issued thereon; and we hereby agree that, upon request, we will sign all papers, and make all rightful oaths, and do all acts which said Assignee, its successors or assigns, may consider necessary in connection with said United States application, and in connection with any other United States or foreign applications that may be filed in connection with said inventions, and with any improvements thereon, and in connection with any patents issued or reissued thereon.

Date: 8-20-2010

Paul Zhang
Paul Zhang

State of Ohio)
County of Montgomery) ss

On this 20 day of August, 2010 before me a Notary Public in and for the above County and State, personally appeared the above named **Paul Zhang** personally known to me, and acknowledged the execution of the foregoing assignment as a free act and deed for the purpose herein set forth.

Cheryl Lynn Peacock
Notary Public



CHERYL LYNN PEACOCK, Notary Public
In and for the State of Ohio
My Commission Expires Sept. 13, 2013

Date: 8/20/2010

Harry K Silver
Harry Silver

State of Ohio)
County of Montgomery) ss

On this 20 day of August, 2010 before me a Notary Public in and for the above County and State, personally appeared the above named Harry Silver personally known to me, and acknowledged the execution of the foregoing assignment as a free act and deed for the purpose herein set forth.



DENÉE V. HAMLETT
Notary Public
In and for the State of Ohio
My Commission Expires
March 08, 2012

Denée V. Hamlett
Notary Public

Date: 8/20/2010

Timothy L. Humphrey
Timothy L. Humphrey

State of Ohio)
County of Montgomery) ss

On this 20 day of August, 2010 before me a Notary Public in and for the above County and State, personally appeared the above named Timothy L. Humphrey personally known to me, and acknowledged the execution of the foregoing assignment as a free act and deed for the purpose herein set forth.



CHERYL LYNN PEACOCK, Notary Public
In and for the State of Ohio
My Commission Expires Sept. 13, 2012

Cheryl Lynn Peacock
Notary Public