

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Ulrich Neumann</td> <td>06/11/2009</td> </tr> <tr> <td>Sang Yun Lee</td> <td>06/11/2009</td> </tr> </tbody> </table>		Name	Execution Date	Ulrich Neumann	06/11/2009	Sang Yun Lee	06/11/2009
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Ulrich Neumann	06/11/2009						
Sang Yun Lee	06/11/2009						
RECEIVING PARTY DATA							
Name:	UNIVERSITY OF SOUTHERN CALIFORNIA						
Street Address:	USC Stevens, Hughes Center Suite EEB 131						
Internal Address:	3740 McClintock Avenue						
City:	Los Angeles						
State/Country:	CALIFORNIA						
Postal Code:	90089-2561						
PROPERTY NUMBERS Total: 1							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12483567</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12483567		
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Application Number:	12483567						
CORRESPONDENCE DATA							
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
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NAME OF SUBMITTER:	Marc E. Brown						

Total Attachments: 3
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**PATENT
 REEL: 022819 FRAME: 0066**

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ASSIGNMENT
(Joint Inventors)

WHEREAS, we, Ulrich Neumann and Sang Yun Lee ("ASSIGNORS") have invented "PHRASE-DRIVEN GRAMMAR FOR DATA VISUALIZATION" ("Invention") for which an application for patent ("Application") is being filed herewith, and which claims the benefit of Provisional Application Serial No. 61/061,077, which was filed on June 12, 2008;

WHEREAS, we are the joint inventors of the Invention;

WHEREAS, the University of Southern California, (ASSIGNEE) is a corporation organized and existing under the laws of California having a place of business at USC Stevens, Hughes Center Suite EEB 131, 3740 McClintock Avenue, Los Angeles, California 90089-2561;

WHEREAS, ASSIGNEE desires to acquire the entire right, title and interest in and to the Invention and Application and to all patents based on the Application;

NOW, THEREFORE, for valuable consideration, the receipt and legal sufficiency of which ASSIGNORS acknowledge, ASSIGNORS have and hereby do assign and transfer to ASSIGNEE, its successors and assigns, the entire right, title and interest in and to:


1. The Invention;
2. The Application;
3. All applications based on or claiming priority from the Application, including all divisionals and continuations ("Application Family");
4. All patents which may be granted on the Invention, Application and Application Family by the United States of America, its territories and possessions, and by all foreign countries, including all priority rights and all reissues thereof ("Patents"); and
5. The right to sue for past infringement of the Invention, Application, Application Family and Patents.

ASSIGNORS agree, at the request of ASSIGNEE, to sign any and all papers reasonably needed to file and prosecute the Application and Application Family, to obtain the Patents, and to perfect and vest in ASSIGNEE the entire right, title and interest in the Invention, Application, Application Family and Patents. ASSIGNORS also agree to provide assistance that is reasonably needed to prepare and prosecute the Application and Application Family.

ASSIGNORS authorize and empower ASSIGNEE, its successors and assigns, to apply for and obtain, in its own name, the Application, Application Family and Patents before competent International Authorities, including the World Intellectual Property Organization and

in any and all foreign countries in which applications for patents can be made or patents obtained.

Dated: June 11, 2009


Name: Ulrich Neumann
Address: 526 21st Street
Manhattan Beach, CA 90266

I certify that I am over the age of 18 and that the individual named above signed this document in my presence.

PATRICIA NEUMANN
(Print) Name


Signature of Witness

6/11/09
Date

526 21st ST.

MANHATTAN BEACH, CA 90266

Witness Address (Print or Type)

Dated: _____, 2009

Name: Sang Yun Lee
629 South Citrus Avenue
Los Angeles, CA 90036

I certify that I am over the age of 18 and that the individual named above signed this document in my presence.

(Print) Name

Signature of Witness

Date

Witness Address (Print or Type)

028080-0474
USC 4031A

Filed herewith

Dated: _____, 2009

Name: Ulrich Neumann
Address: 526 21st Street
Manhattan Beach, CA 90266

I certify that I am over the age of 18 and that the individual named above signed this document in my presence.

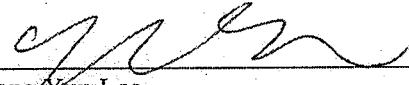
(Print) Name

Signature of Witness

Date

Witness Address (Print or Type)

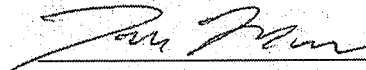
Dated: June 11th, 2009



Name: Sang Yun Lee
629 South Citrus Avenue
Los Angeles, CA 90036

I certify that I am over the age of 18 and that the individual named above signed this document in my presence.

Jonathan Mouser
(Print) Name



Signature of Witness

6/11/09
Date

1309 No Coronado St.
Los Angeles, CA 90026

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