

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>Sharyn O'Halloran</td> <td>02/14/2012</td> </tr> <tr> <td>David Epstein</td> <td>02/14/2012</td> </tr> <tr> <td>Martin Betz</td> <td>02/10/2012</td> </tr> </tbody> </table>		Name	Execution Date	Sharyn O'Halloran	02/14/2012	David Epstein	02/14/2012	Martin Betz	02/10/2012		
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<table border="1"> <tr> <td>Name:</td> <td>DataVine Research Services</td> </tr> <tr> <td>Street Address:</td> <td>44 Morningside Dr., Apt. 51</td> </tr> <tr> <td>City:</td> <td>New York</td> </tr> <tr> <td>State/Country:</td> <td>NEW YORK</td> </tr> <tr> <td>Postal Code:</td> <td>10025</td> </tr> </table>		Name:	DataVine Research Services	Street Address:	44 Morningside Dr., Apt. 51	City:	New York	State/Country:	NEW YORK	Postal Code:	10025
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CORRESPONDENCE DATA											
<p>Fax Number: (877)769-7945 Phone: (650) 839-5046 Email: crogers@fr.com <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Lawrence T. Lu Address Line 1: FISH & RICHARDSON P.C. Address Line 2: P.O.BOX 1022 Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022</p>											
ATTORNEY DOCKET NUMBER:	13363-0002003										
NAME OF SUBMITTER:	Christine Rogers										
<p>Total Attachments: 4 source=Combined Assignment#page1.tif source=Combined Assignment#page2.tif source=Combined Assignment#page3.tif source=Combined Assignment#page4.tif</p>											

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ASSIGNMENT

For valuable consideration, we, Sharyn O'Halloran, of 423 West 120th Street #98, New York, NY 10027, United States of America; David Epstein, of 423 West 120th Street #98, New York, New York 10027, United States of America; Martin Betz, of 2721 Midtown Ct. #211, Palo Alto, CA 94303; hereby assign to DATAVINE RESEARCH SERVICES, a corporation of New York, having a place of business at 44 Morningside Dr., Apt. 51, New York, NY 10025, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled METHOD AND APPARATUS FOR ACCESS, INTEGRATION, AND ANALYSIS OF HETEROGENEOUS DATA SOURCES VIA THE MANIPULATION OF METADATA OBJECTS, filed July 8, 2008, and assigned U.S. Serial Number 12/169,477, this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

DATE: 2-14-2012

Sharyn O'Halloran
SHARYN O'HALLORAN

STATE OF New York)
COUNTY OF New York) SS.

On 2/14/12, before me, the undersigned, a notary public for the State of New York, there personally appeared SHARYN O'HALLORAN personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in her authorized capacity and that by her signature on this Assignment, the person or the entity upon behalf of which she acted, executed this Assignment.

WITNESS my hand and official seal.

Thao H Phan
Notary Public

THAO H PHAN
Notary Public, State of New York
No. 01185109-03
Qualified in Oneida County
Commission Expires Sept. 12, 20 13

DATE: 2/14/12


DAVID EPSTEIN

STATE OF New York)
COUNTY OF New York) SS.

On 2/14/12, before me, the undersigned, a notary public for the State of New York, there personally appeared DAVID EPSTEIN personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his authorized capacity and that by his signature on this Assignment, the person or the entity upon behalf of which he acted, executed this Assignment.

WITNESS my hand and official seal.


Notary Public

THAO H PHAN
Notary Public, State of New York
No. 01994-0914-3
Qualified in Onondaga County
Commission Expires Sept. 12, 20 13

DATE: Feb 10, 2012

Martin Betz
MARTIN BETZ

Acknowledgment

State of California

County of Sanja Clara

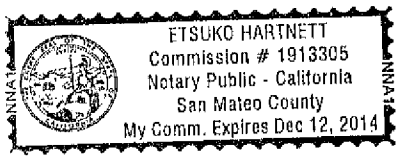
On Feb. 10, 2012 before me, ETSUKO HARTNETT, Notary Public
(insert name and title of the officer)

personally appeared Martin Betz,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are
subscribed to the within instrument and acknowledged to me that he/she/they executed the same
in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument
the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the
foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Etsuko Hartnett (Seal)



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