## Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Stuart M. Bowers	02/03/2010
Thomas E. Jackson	02/03/2010
Chris Demetrios Karkanias	02/01/2010
Allen L. Brown	02/11/2010
David G. Campbell	02/05/2010
Brian S. Aust	02/04/2010

#### **RECEIVING PARTY DATA**

Name:	Microsoft Corporation
Street Address:	One Microsoft Way
City:	Redmond
State/Country:	WASHINGTON
Postal Code:	98052

#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12705983

#### **CORRESPONDENCE DATA**

501093058

Fax Number: (425)936-7329

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Correspondent Name: Dianne Bouton Address Line 1: One Microsoft Way

Address Line 2: Patent Group Docketing Dept Address Line 4: Redmond, WASHINGTON 98052

ATTORNEY DOCKET NUMBER: 328672.01

**PATENT** 

REEL: 023936 FRAME: 0714

NAME OF SUBMITTER:	Amandeep Kaur
Total Attachments: 10	
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PATENT REEL: 023936 FRAME: 0715

	( FIENT	ASSIGNMENT
I/WE, Stuart M. Bowe	rs, Thomas 🔊 Jac	kson, Chris Demetrios Karkanias, Allen L. Brown,
David G. Campbell, and	Brian S. Aust	("ASSIGNOR"), have invented subject matter
("INVENTION") disclosed ar	nd/or claimed in	a patent application entitled "EXPRESSING AND
<b>EXECUTING SEMANTIC QUEI</b>	RIES WITHIN A REL	ATIONAL DATABASE" ("APPLICATION"), which:
will be filed	without this exe	cuted PATENT ASSIGNMENT. ASSIGNOR hereby
		legal representatives, of the Law and Corporate
-		ation, One Microsoft Way, Redmond, Washington
•	•	mer number 69316, to insert here in parenthesis
		) this APPLICATION's Application No. and
filing date, when kno	own;	
<del>-</del>		ven Application No. 12/705,983;
	rently herewith;	•
Microsoft Corporatio	n, a Washington (	Corporation, on behalf of itself and its successors
and assigns ("ASSIGNEE"), is	s entitled to, and	is desirous of acquiring, the entire and exclusive
rights, title and interest in	the INVENTION a	and the APPLICATION (and all other applications
and patents derived therefi	rom, such as cont	inuing applications, in and for the United States,
its territories, and all foreig	n countries ("APPI	LICATION DERIVATIVES"));
For good and valuab	ole consideration,	the receipt of which is hereby acknowledged by
the ASSIGNOR, the ASSIGNO	OR hereby sells, a	assigns and transfers to the ASSIGNEE, the entire
	· · · · · · · · · · · · · · · · · · ·	n the INVENTION and the APPLICATION (and
APPLICATION DERIVATIVES)		·
•		uments and documents required for the making
<del>-</del>		PPLICATION DERIVATIVES), for litigation regarding
•	•	purpose of protecting and perfecting title to the
APPLICATION (and APPLICA	·	
· ·		<i>h</i> 0
2/3/2010		
Date		Stuart M. Bowers
2/3/2010		Thomas E. Jackson Thomas X. Jackson
Date		Thomas X Jackson
Date		EM
Date		Chris Demetrios Karkanias

Date

Allen L. Brown

(Continued from page 1 to list additional inventors)

Date	David G. Campbell
<u> </u>	
Date	Brian S. Aust

I/WE, Stuart M. Bowers, Thomas E.	Jackson, Chris Demetrios Karkanias, Allen L. Brown,
David G. Campbell, and Brian S. A	ust ("ASSIGNOR"), have invented subject matter
	in a patent application entitled "EXPRESSING AND
	RELATIONAL DATABASE" ("APPLICATION"), which:
	executed PATENT ASSIGNMENT. ASSIGNOR hereby
	EE'S legal representatives, of the Law and Corporate
•	-
•	poration, One Microsoft Way, Redmond, Washington
	ustomer number 69316, to insert here in parenthesis
	) this APPLICATION's Application No. and
filing date, when known;	12/705.083
$X$ was filed on $\frac{02/16/2010}{2}$ and wa	s given Application No. <u>12/705,983</u> ;
is filed concurrently herewit	h;
Microsoft Corporation, a Washington	on Corporation, on behalf of itself and its successors
and assigns ("ASSIGNEE"), is entitled to, a	and is desirous of acquiring, the entire and exclusive
rights, title and interest in the INVENTIC	ON and the APPLICATION (and all other applications
and patents derived therefrom, such as o	continuing applications, in and for the United States,
its territories, and all foreign countries ("A	APPLICATION DERIVATIVES"));
For good and valuable considerati	on, the receipt of which is hereby acknowledged by
the ASSIGNOR, the ASSIGNOR hereby sell	ls, assigns and transfers to the ASSIGNEE, the entire
	st in the INVENTION and the APPLICATION (and
APPLICATION DERIVATIVES);	
	nstruments and documents required for the making
_	d APPLICATION DERIVATIVES), for litigation regarding
	the purpose of protecting and perfecting title to the
APPLICATION (and APPLICATION DERIVAT	
APPLICATION (and APPLICATION DERIVAT	IVES).
Date	Stuart M. Bowers
Date	Stuart M. Bowers
Data	Thomas A Jackson
Date	Thomas Acadeon
1 February 2010	1 And Un
	AVE -
Date	Chris Demetrios Karkanias
 Date	Allen E. Brown

(Continued from page 1 to list additional inventors)

Date	David G. Campbell
Date	Brian S. Aust

CALE	7700
David G. Campbell, and Brian S. Aus ("INVENTION") disclosed and/or claimed in EXECUTING SEMANTIC QUERIES WITHIN A RI will be filed without this exauthorizes, and requests, ASSIGNEE Affairs Department, Microsoft Corpo 98052, who are associated with cust (Application No, filed, filed, filing date, when known;	ackson, Chris Demetrios Karkanias, Allen L. Brown, at ("ASSIGNOR"), have invented subject matter in a patent application entitled "EXPRESSING AND ELATIONAL DATABASE" ("APPLICATION"), which: Recuted PATENT ASSIGNMENT. ASSIGNOR hereby is legal representatives, of the Law and Corporate pration, One Microsoft Way, Redmond, Washington tomer number 69316, to insert here in parenthesis this APPLICATION's Application No. and given Application No. 12/705,983
and assigns ("ASSIGNEE"), is entitled to, an rights, title and interest in the INVENTION and patents derived therefrom, such as colits territories, and all foreign countries ("AFF For good and valuable consideration the ASSIGNOR, the ASSIGNOR hereby sells and exclusive rights, title and interest APPLICATION DERIVATIVES);  ASSIGNOR agrees to execute all instand prosecution of the APPLICATION (and	Corporation, on behalf of itself and its successors d is desirous of acquiring, the entire and exclusive and the APPLICATION (and all other applications ontinuing applications, in and for the United States, PPLICATION DERIVATIVES")); n, the receipt of which is hereby acknowledged by assigns and transfers to the ASSIGNEE, the entire in the INVENTION and the APPLICATION (and actruments and documents required for the making APPLICATION DERIVATIVES), for litigation regarding the purpose of protecting and perfecting title to the
Date	Stuart M. Bowers
Date	Thomas E. Jackson
Date	Chris Demetrios Karkanias
02/11/2010	Allen L. Brown
Date	Allen El Brotter

(Continued from page 1 to list additional inventors)

David G. Campbell	
Prion S. Aust	_
Brian S. Aust	

Page 2 of 2

wid G. Campbell, and Brian S. Aust ("ASSIGNOR"), have invented subject matter IVENTION") disclosed and/or claimed in a patent application entitled "EXPRESSING AND ECUTING SEMANTIC QUERIES WITHIN A RELATIONAL DATABASE" ("APPLICATION"), which:  will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, who are associated with customer number 69316, to insert here in parenthesis (Application No, filed) this APPLICATION's Application No. and filing date, when known;  x was filed on, and was given Application No;
ECUTING SEMANTIC QUERIES WITHIN A RELATIONAL DATABASE" ("APPLICATION"), which:  will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, who are associated with customer number 69316, to insert here in parenthesis (Application No, filed) this APPLICATION's Application No. and filing date, when known;
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Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052, who are associated with customer number 69316, to insert here in parenthesis (Application No, filed) this APPLICATION's Application No. and filing date, when known;
98052, who are associated with customer number 69316, to insert here in parenthesis (Application No, filed) this APPLICATION's Application No. and filing date, when known;
(Application No, filed) this APPLICATION's Application No. and filing date, when known;
filing date, when known;
$x$ was filed on $\frac{02/16/2010}{2}$ and was given Application No. $\frac{12/703/983}{2}$ ;
<del></del>
is filed concurrently herewith;
Microsoft Corporation, a Washington Corporation, on behalf of itself and its successors
d assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive
hts, title and interest in the INVENTION and the APPLICATION (and all other applications
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For good and valuable consideration, the receipt of which is hereby acknowledged by
ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, the entire
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PLICATION DERIVATIVES);
ASSIGNOR agrees to execute all instruments and documents required for the making
d prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding
ers patent derived therefrom, and for the purpose of protecting and perfecting title to the
PLICATION (and APPLICATION DERIVATIVES).
Electron (and All Electron Behrvatives).
te Stuart M. Bowers
Stuart M. Bowers
Thomas E Jackson
te Thomas E. Jackson
te Chris Demetrios Karkanias
te Allen L. Brown

	PATENT ASSIGNMENT	
(Continu	ed from page to list additional inventors)	
Date	David G. Campbell	_
 Date	Brian S. Aust	

(Continued from page 1 to list additional inventors)

Date

David G. Campbell

Date

Brian S. Aust

Page 2 of 2

PATENT REEL: 023936 FRAME: 0725

**RECORDED: 02/16/2010**