Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Erik B. Christensen	11/18/2008
Michael J. Coulson	11/18/2008
Vaithialingam B. Balayoghan	11/18/2008
Sermet Iskin	11/20/2008

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:	12146462

CORRESPONDENCE DATA

Fax Number: (425)936-7329

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 425-707-2290

Email: dbouton@microsoft.com

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: 322441.01

NAME OF SUBMITTER: Ajay Kumar Sarkar

Total Attachments: 8

PATENT REEL: 022125 FRAME: 0924

500757649

source=322441.01-EXECUTED ASSIGNMENT#page1.tif source=322441.01-EXECUTED ASSIGNMENT#page2.tif source=322441.01-EXECUTED ASSIGNMENT#page3.tif source=322441.01-EXECUTED ASSIGNMENT#page4.tif source=322441.01-EXECUTED ASSIGNMENT#page5.tif source=322441.01-EXECUTED ASSIGNMENT#page6.tif source=322441.01-EXECUTED ASSIGNMENT#page7.tif source=322441.01-EXECUTED ASSIGNMENT#page8.tif

PATENT REEL: 022125 FRAME: 0925

I/WE, Erik B. Christensen, Michael J. Coulson, Vaithialingam B. Balayoghan, Sermet Iskin ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "METADATA DRIVEN API DEVELOPMENT" ("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 06/26/08 and was given Application No. 12/146,462;
	is filed concurrently herewith;

Microsoft Corporation, a Washington Corporation, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES")):

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

Erik B. Christensen	Nov 18, 2008 Date
ERIK CHRISTENSEN	
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT REEL: 022125 FRAME: 0926

MS Docket No.: 322441.01

Michael J. Coulson Date Printed Name in English Printed Name in Native Language (if other than English) Vaithialingam B. Balayoghan Date Printed Name in English Printed Name in Native Language (if other than English) Sermet Iskin Date Printed Name in English Printed Name in Native Language (if other than English)

Page 2 of 2

PATENT REEL: 022125 FRAME: 0927

MS Docket No.: 322441.01

PATENT ASSIGNMENT MS Docket No.: 322441.01

Sermet Iskin ("ASSIGNOR"), have inven	el J. Coulson, Vaithialingam B. Balayoghan, ted subject matter ("INVENTION") disclosed titled "METADATA DRIVEN API DEVELOPMENT"	
hereby authorizes, and r the Law and Corporate Af Microsoft Way, Redmond customer number 69316, 	executed PATENT ASSIGNMENT. ASSIGNOR requests, ASSIGNEE'S legal representatives, of ffairs Department, Microsoft Corporation, One, Washington 98052, who are associated with to insert here in parenthesis (Application No) this APPLICATION's Application No. and and was given Application No. 12/146,462; with;	
Microsoft Corporation, a Washington Corporation, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES")); For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSIGNEE, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES); ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of the APPLICATION (and APPLICATION DERIVATIVES), for itigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).		
Erik B. Christensen	Date	
Printed Name in English	Printed Name in Native Language (if other than English)	

Page 1 of 2

PATENT ASSIGNMENT MS Docket No.: 322441.01

Michael J. Coulson	11/18/08 Date
Maria de la companya	
MICHAEL J. COULSON Printed Name in English	Printed Name in Native Language (if other than English)
Vaithialingam B. Balayoghan	Date
Printed Name in English	Printed Name in Native Language (if other than English)
Sermet skin	Date
Printed Name in English	Printed Name in Native Language (if other than English)

I/WE, Erik B. Christensen, Michael J. Coulson, Vaithialingam B. Balayoghan, Sermet Iskin ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "METADATA DRIVEN API DEVELOPMENT" ("APPLICATION"), which:		
hereby authorizes, and re the Law and Corporate Aff Microsoft Way, Redmond, customer number 69316, , filed filing date, when known;	executed PATENT ASSIGNMENT. ASSIGNOR equests, ASSIGNEE'S legal representatives, of fairs Department, Microsoft Corporation, One Washington 98052, who are associated with to insert here in parenthesis (Application No) this APPLICATION's Application No. and was given Application No. 12/146.462;	
is filed concurrently herew	, -	
successors and assigns ("ASSIGNEE"), is e entire and exclusive rights, title and inter (and all other applications and patent applications, in and for the United State ("APPLICATION DERIVATIVES")); For good and valuable conside acknowledged by the ASSIGNOR, the ASSIGNEE, the entire and exclusive righthe APPLICATION (and APPLICATION DERIVATION ASSIGNOR agrees to execute all in making and prosecution of the APPLICATION	istruments and documents required for the ITION (and APPLICATION DERIVATIVES), for therefrom, and for the purpose of protecting	
Erik B. Christensen	Date	
Printed Name in English	Printed Name in Native Language (if	

other than English)

MS Docket No.: 322441.01

Michael J. Coulson Date Printed Name in English Printed Name in Native Language (if other than English) Vaithialingam B. Balayoghan Date Printed Name in Native Language (if Printed Name in English other than English) 11/20/2008 Sermet Iskin Date SERMET ISKIN Printed Name in English Printed Name in Native Language (if

other than English)

MS Docket No.: <u>322441.01</u>

PATENT ASSIGNMENT MS Docket No.: 322441.01

Sermet Iskin ("ASSIGNOR"), have invente	J. Coulson, Vaithialingam B. Balayoghan, d subject matter ("INVENTION") disclosed tled "METADATA DRIVEN API DEVELOPMENT"
hereby authorizes, and rec the Law and Corporate Affa Microsoft Way, Redmond, V customer number 69316, t , filed filing date, when known;	executed PATENT ASSIGNMENT. ASSIGNOR quests, ASSIGNEE'S legal representatives, of airs Department, Microsoft Corporation, One Washington 98052, who are associated with to insert here in parenthesis (Application No) this APPLICATION's Application No. and was given Application No. 12/146,462;
is filed concurrently herewi	
successors and assigns ("ASSIGNEE"), is entire and exclusive rights, title and intercand all other applications and patents applications, in and for the United State ("APPLICATION DERIVATIVES")); For good and valuable consideracknowledged by the ASSIGNOR, the ASSIGNEE, the entire and exclusive righthe APPLICATION (and APPLICATION DERIVATION ASSIGNOR agrees to execute all in making and prosecution of the APPLICATION.	struments and documents required for the TION (and APPLICATION DERIVATIVES), for therefrom, and for the purpose of protecting
Erik B. Christensen	Date
Printed Name in English	Printed Name in Native Language (if

Page 1 of 2

other than English)

Michael J. Coulson Date Printed Name in English Printed Name in Native Language (if other than English) Vaithialingam B. Balayoghan Vaithialingan B. Balayoghan Printed Name in English Printed Name in Native Language (if other than English) Sermet Iskin Date

Printed Name in Native Language (if

other than English)

MS Docket No.: <u>322441.01</u>

Printed Name in English