# 502999496 09/30/2014

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3046096

SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYAN	ICE:	ASSIGNMENT		
CONVEYING PARTY DA	ATA			
		Name	Execution Date	
PEDRAM FAGHIHI REZ	AEI		09/29/2014	
AMIR M. NETZ			09/24/2014	
ADAM D. WILSON			09/29/2014	
CHRISTOPHER A. HAYS	S		09/25/2014	
PATRICK J. BAUMGART	INER		09/26/2014	
RECEIVING PARTY DA	ТА			
Name:	MICRO	SOFT CORPORATION		
Street Address:	ONE M	ONE MICROSOFT WAY		
City:	REDMO	REDMOND		
State/Country:	WASHI	WASHINGTON		
Postal Code:	98052			
	Tatali			
		Number		
Property Type		Number 14502687		
Property Type Application Number: CORRESPONDENCE D	ATA	14502687		
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Property Type Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i> Phone:	ATA e sent to provided	14502687 (801)328-1707 • <i>the e-mail address first; if that is unsuce</i> <i>I; if that is unsuccessful, it will be sent vi</i> 801-533-9800		
Property Type Application Number: CORRESPONDENCE DA Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i> Phone: Email:	ATA e sent to provided	(801)328-1707 <i>the e-mail address first; if that is unsuce</i> <i>if that is unsuccessful, it will be sent vi</i> 801-533-9800 dso@wnlaw.com		
Property Type Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i> Phone: Email: Correspondent Name:	ATA e sent to provided	14502687 (801)328-1707 • <i>the e-mail address first; if that is unsuce</i> <i>I; if that is unsuccessful, it will be sent vi</i> 801-533-9800 dso@wnlaw.com WORKMAN NYDEGGER/MICROSOFT		
Property Type Application Number: CORRESPONDENCE DA Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1:	ATA e sent to provided	(801)328-1707 <i>the e-mail address first; if that is unsuce</i> <i>if that is unsuccessful, it will be sent vi</i> 801-533-9800 dso@wnlaw.com WORKMAN NYDEGGER/MICROSOFT 60 EAST SOUTH TEMPLE		
Property Type Application Number: CORRESPONDENCE DA Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	ATA e sent to provided	14502687 (801)328-1707 • <i>the e-mail address first; if that is unsuce</i> <i>I; if that is unsuccessful, it will be sent vi</i> 801-533-9800 dso@wnlaw.com WORKMAN NYDEGGER/MICROSOFT		
Application Number: CORRESPONDENCE DA Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1:	ATA e sent to provided	14502687 (801)328-1707 <b><i>o the e-mail address first; if that is unsuce</i> <i>; if that is unsuccessful, it will be sent vi</i> 801-533-9800 dso@wnlaw.com WORKMAN NYDEGGER/MICROSOFT 60 EAST SOUTH TEMPLE SUITE 1000</b>		
Property Type Application Number: CORRESPONDENCE DA Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	ATA e sent to provided	(801)328-1707 <b>the e-mail address first; if that is unsuce</b> <b>if that is unsuccessful, it will be sent vie</b> 801-533-9800 dso@wnlaw.com WORKMAN NYDEGGER/MICROSOFT 60 EAST SOUTH TEMPLE SUITE 1000 SALT LAKE CITY, UTAH 84111		
Property Type Application Number: CORRESPONDENCE DA Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	ATA e sent to provided	(801)328-1707 <b>the e-mail address first; if that is unsuce</b> <b>if that is unsuccessful, it will be sent vie</b> 801-533-9800 dso@wnlaw.com WORKMAN NYDEGGER/MICROSOFT 60 EAST SOUTH TEMPLE SUITE 1000 SALT LAKE CITY, UTAH 84111 13768.2386		
Property Type Application Number: CORRESPONDENCE DA Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 2: Address Line 4: ATTORNEY DOCKET NU	ATA e sent to provided	14502687 (801)328-1707 <b>the e-mail address first; if that is unsuce</b> <b>1; if that is unsuccessful, it will be sent vie</b> 801-533-9800 dso@wnlaw.com WORKMAN NYDEGGER/MICROSOFT 60 EAST SOUTH TEMPLE SUITE 1000 SALT LAKE CITY, UTAH 84111 13768.2386 ADRIAN J. LEE		

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### PATENT REEL: 033855 FRAME: 0986

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MS Docket No.: <u>341361.01</u>

WN Docket No.: <u>13768.2386</u>

I <u>Pedram Faghihi Rezaei</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>AUTOMATED SUPPLEMENTATION OF DATA MODEL</u>" ("APPLICATION"), which:

will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on \_\_\_\_\_\_\_ and given Application No. \_\_\_\_\_\_ by the following Office \_\_\_\_\_\_\_) this APPLICATION's Application No., filing date, and Office, when known;

was filed on \_\_\_\_\_\_ and was given Application
No \_\_\_\_\_\_ by the following Office
"

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, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));

ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S LEGAL REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known:

Filing Date	Office	
		<u> </u>
	Filing Date	Filing Date Office

MS Docket No.: <u>341361.01</u>

WN Docket No.: <u>13768.2386</u>

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, ASSIGNOR's entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in whole or in part, in and for the United States, its territories, and all foreign countries ("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).

nventor's Signature Date Pedram Faghihi Rezaei Printed Name in Native Language Printed Name in English (if other than English)

Page 2 of 2

MS Docket No.: <u>341361.01</u>

WN Docket No.: <u>13768.2386</u>

I <u>Amir M. Netz</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>AUTOMATED SUPPLEMENTATION OF DATA MODEL</u>" ("APPLICATION"), which:

will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representatives, of the Law and Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on \_\_\_\_\_\_\_ and given Application No. \_\_\_\_\_\_ by the following Office \_\_\_\_\_\_) this APPLICATION's Application No., filing date, and Office, when known;

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Page 1 of 2

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Inventor Amir M. Netz Printed Name in English Printed Name in Native Language (if other than English)

WN Docket No.: <u>13768.2386</u>

I <u>Adam D. Wilson</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>AUTOMATED SUPPLEMENTATION OF DATA MODEL</u>" ("APPLICATION"), which:

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#### PATENT ASSIGNMENT MS Docket No.: <u>341361.01</u>

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alden Wi-	9/29/2014
Inventor's Signature	Date
Adam D. Wilson	
Printed Name in English	Printed Name in Native Language
	(if other than English)

MS Docket No.: <u>341361.01</u>

WN Docket No.: <u>13768.2386</u>

I <u>Christopher A. Hays</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>AUTOMATED SUPPLEMENTATION OF DATA MODEL</u>" ("APPLICATION"), which:

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nn 9/25/14 Inventor's Signature Date Christopher A. Hays Printed Name in English Printed Name in Native Language (if other than English)

MS Docket No.: 341361.01

WN Docket No.: 13768.2386

| <u>Patrick J. Baumgartner</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>AUTOMATED SUPPLEMENTATION OF DATA MODEL</u>" ("APPLICATION"), which:

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9/26/14 Inventor's Signature Date Patrick J. Baumgartner Printed Name in English Printed Name in Native Language (if other than English)

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