# 502919248 08/03/2014

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2965846

SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT	
CONVEYING PARTY D	ΑΤΑ	·		
		Name	Execution Date	
LIHUA YUAN			12/15/2010	
SHARAD AGARWAL			09/19/2010	
KEVIN DAMOUR			12/15/2010	
THEKKTHALACKAL VA	RUGIS K	URIEN	12/15/2010	
ALBERT G. GREENBEF	G		11/11/2010	
RANDALL KERN			12/15/2010	
RECEIVING PARTY DA	тл			
Name:		SOFT CORPORATION		
Street Address:		CROSOFT WAY		
City:				
State/Country:				
	WASHINGTON			
Postal Code:	98052			
PROPERTY NUMBERS		Number		
PROPERTY NUMBERS Property Type		Number		
PROPERTY NUMBERS Property Type		<b>Number</b> 14450263		
PROPERTY NUMBERS Property Type Application Number:	Total: 1			
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PROPERTY NUMBERS Property Type Application Number: CORRESPONDENCE D Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i>	Total: 1	509)252-5002		
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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>	Total: 1 ATA e sent to provideo	509)252-5002 <i>the e-mail address first; if that is unsucc</i> <i>; if that is unsuccessful, it will be sent via</i> 509.252.5015 docket@rainierpatents.com RAINIER PATENTS, P.S. 505 WEST RIVERSIDE AVE.		
PROPERTY NUMBERS Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	Total: 1 ATA	509)252-5002 <i>the e-mail address first; if that is unsucc</i> <i>; if that is unsuccessful, it will be sent via</i> 509.252.5015 docket@rainierpatents.com RAINIER PATENTS, P.S. 505 WEST RIVERSIDE AVE. SUITE 440		
PROPERTY NUMBERS Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	Total: 1 ATA	509)252-5002 <i>the e-mail address first; if that is unsucc</i> <i>; if that is unsuccessful, it will be sent via</i> 509.252.5015 docket@rainierpatents.com RAINIER PATENTS, P.S. 505 WEST RIVERSIDE AVE. SUITE 440 SPOKANE, WASHINGTON 99201		
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PROPERTY NUMBERS Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET NU	Total: 1 ATA	509)252-5002 the e-mail address first; if that is unsucc ; if that is unsuccessful, it will be sent via 509.252.5015 docket@rainierpatents.com RAINIER PATENTS, P.S. 505 WEST RIVERSIDE AVE. SUITE 440 SPOKANE, WASHINGTON 99201 329924.03 PHILLIP A. CAMERON		

502919248

PATENT REEL: 033451 FRAME: 0246

I/WE, Randall Kern, Lihua Yuan, Sharad Agarwal, Kevin Damour, Thekkthalackal Kurien, and Albert Greenberg ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled " DISTRIBUTED NETWORK COORDINATE SYSTEM" ("APPLICATION"), which:

Χ	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.
	12/979381, filed 12/28/2010) this APPLICATION's Application No. and
	filing date, when known;
	was filed on and was given Application No;

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).

Seg \$ 2	12/15/20/0.	
Inventor's Signature	Date	
Lihua Yuan		
Printed Name in English	Printed Name in Native Language (if other than English)	

MS Docket No.: <u>329924.01</u>

Inventor's Signature	Date
Sharad Agarwal	
Printed Name in English	Printed Name in Native Language (if other than English)

Min

Inventor's Signature

Date

Kevin Damour Printed Name in English

Printed Name in Native Language (if other than English)

15 Dec 2010

W 12/15/10 Date Inventor's Signature Thekkthalackal Varugis Kurien Printed Name in Native Language (if Printed Name in English other than English)

Inventor's Signature	Date
Albert Greenberg	
Printed Name in English	Printed Name in Native Language (if other than English)

Inventor's Signature

<u>Randall Kern</u> Printed Name in English

<u>Date</u> Roudell Kern Printed Name in Native Language (if

2010

other than English)

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Page 3 of 3

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Inventor's Signature	Date
Randall Kern	
Printed Name in English	Printed Name in Native Language (if other than English)

Inventor's Signature	Date
Lihua Yuan	
Printed Name in English	Printed Name in Native Language (if
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Sharp	
	19 September 2010
Inventor's Signature	Date
Sharad Agarwal	
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	other than English)

Inventor's Signature	Date
Kevin Damour	
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Inventor's Signature	Date	

Thekkthalackal Varugis Kurien Printed Name in English

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Inventor's Signature	Date
Albert Greenberg	
Printed Name in English	Printed Name in Native Language (if
	other than English)

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Inventor's Signature	Date
Randall Kern	
Printed Name in English	Printed Name in Native Language (if other than English)

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Inventor's Signature	Date
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nventor's Signature	Date
Albert C. Greenberg	11/11/2010
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1. 2010 P P V	
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nventor's Signature	Date
David A. Maltz	Printed Name in Native Language (if
Printed Name in English	other than English)

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

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\*\* TOTAL PAGE.07 \*\*

PATENT REEL: 033451 FRAME: 0256

**RECORDED: 08/03/2014**