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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Paul J. Kwiatkowski	11/29/2010
Shawn A. Van Ness	11/26/2010
Nicolas Brun	11/29/2010
Michael A. Nelte	11/29/2010
Arpit S. Shah	11/29/2010
Paul A. Gusmorino	11/29/2010

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:	12962660

CORRESPONDENCE DATA

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

ATTORNEY DOCKET NUMBER: 331232.01

REEL: 025467 FRAME: 0648

Address Line 2:

PATENT

501371865

NAME OF SUBMITTER:	Medha Kajla
Total Attachments: 6 source=331232-01-Exec-Assignment#page source=331232-01-Exec-Assignment#page source=331232-01-Exec-Assignment#page source=331232-01-Exec-Assignment#page source=331232-01-Exec-Assignment#page source=331232-01-Exec-Assignment#page	2.tif 3.tif 4.tif 5.tif

PATENT REEL: 025467 FRAME: 0649

I/WE, Paul J. Kwiatkowski, Shawn A. Van Ness, Nicolas Brun, Michael A. Nelte, Arpit S. Shah, and Paul A. Gusmorino ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "CHANGE NOTIFICATIONS FROM AN UPDATED DATA REPRESENTATION" ("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.
12/962,660 , filed 12/08/2010) 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).

and perfecting title to the APPLICATION (an	d APPLICATION DERIVATIVES).
101 Z	11/29/2010
Inventor's Signature	Date /
Paul J. Kwiatkowski Printed Name in English	Printed Name in Native Language (if other than English)

Page 1 of 3

MS Docket No.: 331232.01

MS Docket No.: <u>331232.01</u>

nventor's Signature	Date
Shawn A. Van Ness	
Printed Name in English	Printed Name in Native Language (if other than English)
nventor's Signature	
Nicolas Brun	
Printed Name in English	Printed Name in Native Language (if other than English)
metto Inventor's Signature	11/29/2010 Date
Michael A. Nelte Printed Name in English	Printed Name in Native Language (if

other than English)

MS Docket No.: 331232.01

WL	11/29/2010
Inventor's Signature	Date
Arpit S. Shah	
Printed Name in English	Printed Name in Native Language (if
	other than English)

Inventor's Signature

Paul A. Gusmorino

Printed Name in English

Printed Name in Native Language (if other than English)

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Inventor's Signature	Date
Paul J. Kwiatkowski	
Printed Name in English	Printed Name in Native Language (if other than English)

Page 1 of 3

MS Docket No.: 331232.01

PATENT ASSIGNMENT MS Docket No.: 331232.01

El Va New	11 / 26 / 2010
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Shawn A. Van Ness	
Printed Name in English	Printed Name in Native Language (if other than English)
Inventor's Signature	
inventor's signature	Date
Nicolas Brun	
Printed Name in English	Printed Name in Native Language (if other than English)
Inventor's Signature	
inventor's signature	Date
Michael A. Nelte	
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Arpit S. Shah	
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Inventor's Signature	Date
Paul A. Gusmorino	
Printed Name in English	Printed Name in Native Language (if