PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2840413

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the SPELLING OF TODD D. NEWMAN'S NAME IS SPELLED TOD INSTEAD OF TODD previously recorded on Reel 025646 Frame 0579. Assignor(s) hereby confirms the SPELLING OF TOD IS INCORRECT AND HIS NAME IS SPELLED TODD D. NEWMAN.

CONVEYING PARTY DATA

Name	Execution Date
WILLIAM L. PORTNOY	12/08/2010
TODD D. NEWMAN	12/09/2010
STEVEN W. ICKMAN	12/08/2010

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:	12967990

CORRESPONDENCE DATA

Fax Number: (509)755-7252

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via

US Mail.

Phone: 509-755-7262

Email: Linnaea@Wolfe-SBMC.com

Correspondent Name: WOLFE-SBMC

Address Line 1: 601 W MAIN AVENUE, SUITE 1300
Address Line 4: SPOKANE, WASHINGTON 99201

ATTORNEY DOCKET NUMBER:	331420.01
NAME OF SUBMITTER:	LANCE R. SADLER 38,605
SIGNATURE:	/Lance R. Sadler/
DATE SIGNED:	05/02/2014

Total Attachments: 14

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PATENT REEL: 032814 FRAME: 0521

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PATENT REEL: 032814 FRAME: 0522

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1



SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
William L. Portnoy	12/08/2010
Tod D. Newman <u>Todd</u>	12/09/2010
Steven W. Ickman	12/08/2010

RECEIVING PARTY DATA

Name:	Microsoft Corporation
N	One Microsoft Way
City:	Redmond
State/Country:	WASHINGTON
Postał Code:	98052

PROPERTY NUMBERS Total: 1

Property Type Number	
Application Number:	12967990

CORRESPONDENCE DATA

Fax Number: (425)936-7329

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

Phone: 425-707-2290

Email: dbouten@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: 331420.01

NAME OF SUBMITTER: Geets Nainwal

Total Atlachments: 4

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PATENT

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TO:DIANNE BOUTON COMPANY:ONE MICROSOFT WAY

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PATENT REEL: 032814 FRAME: 0524

PATENT ASSIGNMENT

I/WE, William L. Portnoy, Todd D. Newman, Steven W. Ickman ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "LINK EXPANSION SERVICE" ("APPLICATION"), which:

X	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. $\frac{12/967,990}{}$, filed
	12/14/2010) 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).

Mad Max	12-8-2010
Inventor's Signature	Date
William L. Portnoy Printed Name in English	Printed Name in Native Language (if other than English)

Inventor's Signature	Date
Todd D. Newman	
Printed Name in English	Printed Name in Native Language (if other than English)

fluit of ann	12/08/2010
Inventor's Signature	Date
Steven W. Ickman	
Printed Name in English	Printed Name in Native Language (if other than English)

	TENT ASSIGNMENT
	odd D. Newman, Steven W. Ickman ("ASSIGNOR"),
	ON") disclosed and/or claimed in a patent
application entitled "LINK EXPANSION SER	
	executed PATENT ASSIGNMENT. ASSIGNOR hereby
authorizes, and requests	s, ASSIGNEE'S legal representatives, of the Law and
Corporate Affairs Departs	tment, Microsoft Corporation, One Microsoft Way,
	8052, who are associated with customer number
	parenthesis (Application No. 12/967,990 , filed
12/14/2010) this APPLICAT	NON's Application No. and filing date, when known;
□ was filed on	and was given Application No;
is filed concurrently here	
	ashington Corporation, on behalf of itself and its
	entitled to, and is desirous of acquiring, the entire
	the INVENTION and the APPLICATION (and all other
	om, such as continuing applications, in and for the
	ign countries ("APPLICATION DERIVATIVES"));
	sideration, the receipt of which is hereby
	SIGNOR hereby sells, assigns and transfers to the
Application and application project	s, title and interest in the INVENTION and the
APPLICATION (and APPLICATION DERIVAT	
	te all instruments and documents required for the
	TION (and APPLICATION DERIVATIVES), for litigation
	m, and for the purpose of protecting and perfecting
title to the APPLICATION (and APPLICATIO	ON DERIVATIVES).
,	
Inventor's Signature	Date
William L. Portnoy	

Printed Name in English

Printed Name in Native Language (if

other than English)

Inventor's Signature Total D. Newman Todd D. Newman	Date 12/4/2010
Printed Name in English	Printed Name in Native Language (if other than English)

Inventor's Signature	Date
Steven W. Ickman	
Printed Name in English	Printed Name in Native Language (if other than English)