

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT4228067

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
RYAN SCOTT HARADEN	12/12/2014
MATTHEW RAY TUBBS	12/05/2014
ADAM JAMES MUFF	12/16/2014
ROBERT ALLEN SHEARER	12/06/2014
RECEIVING PARTY DATA	
Name:	MICROSOFT TECHNOLOGY LICENSING, LLC
Street Address:	ONE MICROSOFT WAY
City:	REDMOND
State/Country:	WASHINGTON
Postal Code:	98052
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14574100
CORRESPONDENCE DATA	
Fax Number:	(415)489-4150
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	415-489-4100
Email:	gbaron@vierramagen.com
Correspondent Name:	TYLER THORP
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Address Line 4:	SAN FRANCISCO, CALIFORNIA 94105
ATTORNEY DOCKET NUMBER:	MSFT-01823US0
NAME OF SUBMITTER:	TYLER THORP
SIGNATURE:	/Tyler Thorp/
DATE SIGNED:	01/17/2017
Total Attachments: 8	
source=1823-Haraden assignment#page1.tif	
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source=1823-Tubbs assignment#page1.tif	

source=1823-Tubbs assignment#page2.tif
source=1823-Muff assignment#page1.tif
source=1823-Muff assignment#page2.tif
source=1823-Shearer assignment#page1.tif
source=1823-Shearer assignment#page2.tif

I Ryan Scott Haraden (“ASSIGNOR”) am the original inventor or an original joint inventor of subject matter (“INVENTION”) disclosed and/or claimed in a patent application entitled “LOW POWER DMA SNOOP AND SKIP” (“APPLICATION”), which:

will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE’S legal representative, Microsoft Technology Licensing, LLC., One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE’S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on December 17, 2014 and given Application No. 14/574,100 by the following Office US – United States Patent and Trademark 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 Technology Licensing, LLC, a Washington limited liability company, 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;


Application No.	Filing Date	Office

PATENT ASSIGNMENT

MS Docket No.: 355173.01

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).

 _____ Inventor's Signature	<u>12/12/14</u> _____ Date
<u>Ryan Scott Haraden</u> _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

I Matthew Ray Tubbs (“ASSIGNOR”) am the original inventor or an original joint inventor of subject matter (“INVENTION”) disclosed and/or claimed in a patent application entitled “LOW POWER DMA SNOOP AND SKIP” (“APPLICATION”), which:

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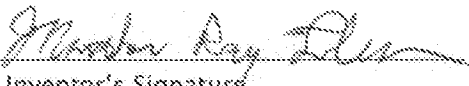
Application No.	Filing Date	Office

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MS Docket No.: 355173.01

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	<u>12/5/2014</u>
Inventor's Signature	Date
<u>Matthew Ray Tubbs</u>	
Printed Name in English	Printed Name in Native Language (if other than English)

I Adam James Muff (“ASSIGNOR”) am the original inventor or an original joint inventor of subject matter (“INVENTION”) disclosed and/or claimed in a patent application entitled “LOW POWER DMA SNOOP AND SKIP” (“APPLICATION”), which:

will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE’S legal representative, Microsoft Technology Licensing, LLC., One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE’S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on December 17, 2014 and given Application No. 14/574,100 by the following Office US – United States Patent and Trademark Office) this APPLICATION’s Application No., filing date, and Office, when known;

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 Inventor's Signature	<u>12/16/2014</u> Date
Adam James Muff Printed Name in English	 Printed Name in Native Language (if other than English)

I Robert Allen Shearer (“ASSIGNOR”) am the original inventor or an original joint inventor of subject matter (“INVENTION”) disclosed and/or claimed in a patent application entitled “LOW POWER DMA SNOOP AND SKIP” (“APPLICATION”), which:

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 _____ Inventor's Signature	12-6-14 _____ Date
Robert Allen Shearer _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)