

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4961902

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TOLGA OZGUNER	01/23/2017
GENE LEUNG	01/23/2017
JEFFREY POWERS BRADFORD	01/24/2017
ADAM JAMES MUFF	01/24/2017
MIGUEL COMPARAN	01/23/2017
RYAN SCOTT HARADEN	01/24/2017
CHRISTOPHER JON JOHNSON	01/17/2017
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:	15979983
CORRESPONDENCE DATA	
Fax Number:	(801)328-1707
<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:	801-533-9800
Email:	mstringham@wnlaw.com
Correspondent Name:	WORKMAN NYDEGGER/MICROSOFT
Address Line 1:	60 EAST SOUTH TEMPLE
Address Line 2:	SUITE 1000
Address Line 4:	SALT LAKE CITY, UTAH 84111
ATTORNEY DOCKET NUMBER:	20844.37.1
NAME OF SUBMITTER:	JONATHAN W. RICHARDS
SIGNATURE:	/Jonathan W. Richards/
DATE SIGNED:	05/15/2018

PATENT

Total Attachments: 14

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I Tolga Ozguner (“ASSIGNOR”) am the original inventor or an original joint inventor of subject matter (“INVENTION”) disclosed and/or claimed in a patent application entitled “No Miss Cache Structure for Real-Time Transformations with Data Compression” (“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 _____ and given Application No. _____ by the following Office _____) this APPLICATION’s Application No., filing date, and Office, when known;

was filed on 2017-01-25 and was given Application No. 15415542 by the following Office “USPTO”;

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
15/979983	2018-05-15	USPTO

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

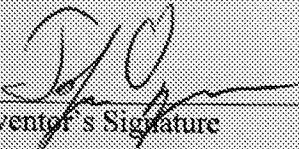
PATENT ASSIGNMENT

MS Docket No.: 400998-US -NP

WN Docket No.: 20844.37

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).

	<u>1/23/2017</u>
Inventor's Signature	Date
<u>Tolga Ozguner</u>	<u>Printed Name in Native Language</u>
Printed Name in English	(if other than English)

I Gene Leung (“ASSIGNOR”) am the original inventor or an original joint inventor of subject matter (“INVENTION”) disclosed and/or claimed in a patent application entitled “No Miss Cache Structure for Real-Time Transformations with Data Compression” (“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 _____ and given Application No. _____ by the following Office _____) this APPLICATION’s Application No., filing date, and Office, when known;

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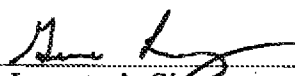
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 Inventor's Signature	1/23/17 Date
Gene Leung Printed Name in English	 Printed Name in Native Language (if other than English)

I Jeffrey Powers Bradford ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "No Miss Cache Structure for Real-Time Transformations with Data Compression" ("APPLICATION"), which:

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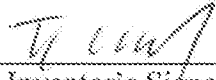
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 Inventor's Signature	24 Feb 2017 Date
Jeffrey Powers Bradford Printed Name in English	Printed Name in Native Language (if other than English)

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 “No Miss Cache Structure for Real-Time Transformations with Data Compression” (“APPLICATION”), which:

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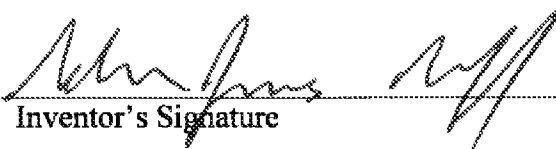
PATENT ASSIGNMENT

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 Inventor's Signature	<u>1/24/2017</u> Date
Adam James Muff Printed Name in English	 Printed Name in Native Language (if other than English)

I Miguel Comparan (“ASSIGNOR”) am the original inventor or an original joint inventor of subject matter (“INVENTION”) disclosed and/or claimed in a patent application entitled “No Miss Cache Structure for Real-Time Transformations with Data Compression” (“APPLICATION”), which:

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 _____ Inventor's Signature	<u>1/23/17</u> _____ Date
Miguel Comparan _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

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 “No Miss Cache Structure for Real-Time Transformations with Data Compression” (“APPLICATION”), which:

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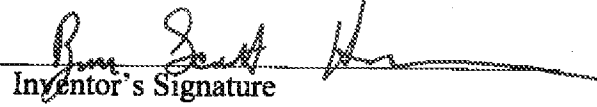
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 Inventor's Signature	<u>1/27/2017</u> Date
Ryan Scott Haraden Printed Name in English	 Printed Name in Native Language (if other than English)

I Christopher Jon Johnson (“ASSIGNOR”) am the original inventor or an original joint inventor of subject matter (“INVENTION”) disclosed and/or claimed in a patent application entitled “No Miss Cache Structure for Real-Time Transformations with Data Compression” (“APPLICATION”), which:

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 _____ Inventor's Signature	<u>1/17/12</u> _____ Date
<u>Christopher Jon Johnson</u> _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)