

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6031832

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CHENG HUANG	02/15/2017
ANDREW JAMES EDWARDS	02/13/2017
SHANE K. MAINALI	02/10/2017
AARON WILLIAM OGUS	03/24/2017
IOAN OLTEAN	03/02/2017
HUSEYIN SIMITCI	03/15/2017
JU WANG	03/10/2017
YIKANG XU	02/20/2017
BRADLEY GENE CALDER	01/04/2006
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:	16811972
CORRESPONDENCE DATA	
Fax Number:	(206)344-3113
<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:	8164746550
Email:	nhensley@shb.com
Correspondent Name:	SHOOK, HARDY & BACON, LLP
Address Line 1:	2555 GRAND BLVD.
Address Line 4:	KANSAS CITY, MISSOURI 64108
ATTORNEY DOCKET NUMBER:	357921-US-CNT/337963
NAME OF SUBMITTER:	NATHAN D. HENSLEY

SIGNATURE:	/Nathan D. Hensley/
DATE SIGNED:	03/25/2020
Total Attachments: 16	
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PATENT ASSIGNMENT

I Cheng Huang ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled DISTRIBUTED METADATA MANAGEMENT IN A DISTRIBUTED STORAGE SYSTEM ("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 US - United States Patent and Trademark Office) this APPLICATION's Application No., filing date, and Office, when known;

was filed on March 24, 2016 and was given Application No. 15/080,465 by the following Office "United States Patent and Trademark Office";

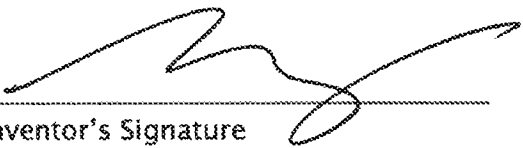
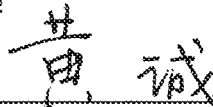
Microsoft Technology Licensing, LLC, a Washington limited liability company, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (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
16/811,972	03/06/2020	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 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	02.15.2017 _____ Date
Cheng Huang _____ Printed Name in English	 _____ Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

I Andrew James Edwards ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled DISTRIBUTED METADATA MANAGEMENT IN A DISTRIBUTED STORAGE SYSTEM ("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 US - United States Patent and Trademark Office) this APPLICATION's Application No., filing date, and Office, when known;

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	<u>2/13/2017</u>
Inventor's Signature	Date
<u>Andrew James Edwards</u>	
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

I Shane K. Mainali ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled DISTRIBUTED METADATA MANAGEMENT IN A DISTRIBUTED STORAGE SYSTEM ("APPLICATION"), which:

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	02/10/2017
_____ Inventor's Signature	_____ Date
Shane K. Mainali	
_____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

I Aaron William Ogus ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled DISTRIBUTED METADATA MANAGEMENT IN A DISTRIBUTED STORAGE SYSTEM ("APPLICATION"), which:

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	03-24-2017
Inventor's Signature	Date
Aaron William Ogus	
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

I Ioan Oltean ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled DISTRIBUTED METADATA MANAGEMENT IN A DISTRIBUTED STORAGE SYSTEM ("APPLICATION"), which:

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	03/02/2017
Inventor's Signature	Date
Ioan Oltean	
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

I Huseyin Simitci ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled DISTRIBUTED METADATA MANAGEMENT IN A DISTRIBUTED STORAGE SYSTEM ("APPLICATION"), which:

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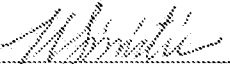
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	<u>03-15-2017</u>
Inventor's Signature	Date
Huseyin Simitci	
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

I, Lu Wang ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled DISTRIBUTED METADATA MANAGEMENT IN A DISTRIBUTED STORAGE SYSTEM ("APPLICATION"), which:

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was filed on March 24, 2015 and was given Application No. 13/080,463 by the following Office "United States Patent and Trademark Office":

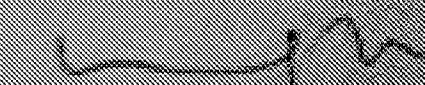
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	<p>3/10/2017</p>
<p>Inventor's Signature</p>	<p>Date</p>
<p>Ju Wang</p>	<p>王健</p>
<p>Printed Name in English</p>	<p>Printed Name in Native Language (Other than English)</p>

PATENT ASSIGNMENT

I Yikang Xu (“ASSIGNOR”) am the original inventor or an original joint inventor of subject matter (“INVENTION”) disclosed and/or claimed in a patent application entitled DISTRIBUTED METADATA MANAGEMENT IN A DISTRIBUTED STORAGE SYSTEM (“APPLICATION”), which:

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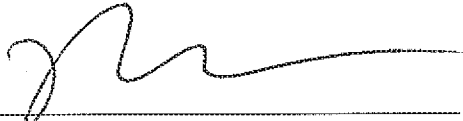
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	<u>2/20/2017</u>
Inventor's Signature	Date
<u>Yikang Xu</u>	
Printed Name in English	Printed Name in Native Language (if other than English)