

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4831463

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the EXECUTION DATE OF INVENTOR JIE LIU TO "10/11/2017," PREVIOUSLY RECORDED INCORRECTLY AS "11/11/2017" previously recorded on Reel 044834 Frame 0176. Assignor(s) hereby confirms the ASSIGNMENT.
CONVEYING PARTY DATA	
Name	Execution Date
JIE LIU	10/11/2017
NISSANKA ARACHCHIGE BODHI PRIYANTHA	01/08/2018
LUCAS N JOPPA	08/10/2017
QIANG XU	07/13/2017
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:	15621816
CORRESPONDENCE DATA	
Fax Number:	
<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>	
Email:	usdocket@microsoft.com
Correspondent Name:	SCHWEGMAN LUNDBERG & WOESSNER P.A.
Address Line 1:	P.O. BOX 2938
Address Line 4:	MINNEAPOLIS, MINNESOTA 55402-0938
ATTORNEY DOCKET NUMBER:	401880-US-NP(1777.123US1)
NAME OF SUBMITTER:	TYLYN MOORE
SIGNATURE:	/tylyn moore/
DATE SIGNED:	02/20/2018
Total Attachments: 11	
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The coversheet of the assignment is displayed below:

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1

Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>JIE LIU</td><td>11/11/2017</td></tr><tr><td>NISSANKA B. PRIYANTHA</td><td>01/08/2018</td></tr><tr><td>LUCAS N JOPPA</td><td>08/10/2017</td></tr><tr><td>QIANG XU</td><td>07/13/2017</td></tr></tbody></table>	Name	Execution Date	JIE LIU	11/11/2017	NISSANKA B. PRIYANTHA	01/08/2018	LUCAS N JOPPA	08/10/2017	QIANG XU	07/13/2017	
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<table border="1"><tr><td>Name:</td><td>MICROSOFT TECHNOLOGY LICENSING, LLC</td></tr><tr><td>Street Address:</td><td>ONE MICROSOFT WAY</td></tr><tr><td>City:</td><td>REDMOND</td></tr><tr><td>State/Country:</td><td>WASHINGTON</td></tr><tr><td>Postal Code:</td><td>98052</td></tr></table>	Name:	MICROSOFT TECHNOLOGY LICENSING, LLC	Street Address:	ONE MICROSOFT WAY	City:	REDMOND	State/Country:	WASHINGTON	Postal Code:	98052	
Name:	MICROSOFT TECHNOLOGY LICENSING, LLC										
Street Address:	ONE MICROSOFT WAY										
City:	REDMOND										
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Postal Code:	98052										
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PATENT
REEL: 045373 FRAME: 0452

2/5/2018, 3:01 PM

CORRESPONDENCE DATA**Fax Number:****Email:** usdocket@microsoft.com*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.***Correspondent Name:** SCHWEGMAN LUNDBERG & WOESSNER P.A.**Address Line 1:** P.O. BOX 2938**Address Line 4:** MINNEAPOLIS, MINNESOTA 55402-0938**ATTORNEY DOCKET
NUMBER:**

401880-US-NP(1777.123US1)

NAME OF SUBMITTER:

TYLYN MOORE

Signature:

/tylyn moore/

Date:

02/05/2018

Total Attachments: 9

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RECEIPT INFORMATION**EPAS ID:** PAT4810094**Receipt Date:** 02/05/2018[Return to home page](#)[| .HOME](#) | [INDEX](#) | [SEARCH](#) | [eBUSINESS](#) | [CONTACT US](#) | [PRIVACY STATEMENT](#)

I Jie Liu ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "CLOUD OFFLOADED DEVICE ACQUISITION GLOBAL NAVIGATION SATELLITE SYSTEMS", 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 June 13, 2017 and was given Application No 15/621,816 by the following Office "US Patent 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

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).

	<u>10/11/2017</u>
Inventor's Signature	Date
<u>Jie Liu</u>	<u>刘杰</u>
Printed Name in English	Printed Name in Native Language (if other than English)

I Nissanka B Priyantha ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "CLOUD OFFLOADED DEVICE ACQUISITION GLOBAL NAVIGATION SATELLITE SYSTEMS", which:

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<u>Nissanka B Priyantha</u>	<u>01/08/2018</u>
Inventor's Signature	Date
<u>Nissanka B Priyantha</u>	<u>නිසංක ඩී ප්‍රියන්ත</u>
Printed Name in English	Printed Name in Native Language (if other than English)

I Lucas N Joppa ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "CLOUD OFFLOADED DEVICE ACQUISITION GLOBAL NAVIGATION SATELLITE SYSTEMS", which:

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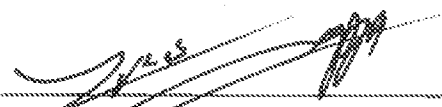
Microsoft Technology Licensing, LLC, a Washington limited liability company, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (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"));

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 Inventor's Signature	<u>8/10/2017</u> Date
Lucas N Joppa Printed Name in English	 Printed Name in Native Language (if other than English)

I Qiang Xu ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "CLOUD OFFLOADED DEVICE ACQUISITION GLOBAL NAVIGATION SATELLITE SYSTEMS", which:

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 _____ Inventor's Signature	<i>July 13, 2017</i> _____ Date
Qiang Xu _____ Printed Name in English	许强 _____ Printed Name in Native Language (if other than English)