

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5773688

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the SECOND CONVEYING PARTY MIDDLE NAME previously recorded on Reel 048342 Frame 0068. Assignor(s) hereby confirms the ASSIGNMENT.
CONVEYING PARTY DATA	
Name	Execution Date
RAYMOND LEONARD KALLAHER	01/24/2019
SERGEI VYATCHESLAVOVICH GRONIN	01/24/2019
GEOFFREY CHARLES GARDNER	01/24/2019
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:	16252237
CORRESPONDENCE DATA	
Fax Number:	(503)595-5301
<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:	503 595 5300
Email:	iris.rasanen@klarquist.com
Correspondent Name:	PATRICK M. BIBLE, KLARQUIST SPARKMAN, LLP
Address Line 1:	121 SW SALMON STREET, SUITE 1600
Address Line 2:	ONE WORLD TRADE CENTER
Address Line 4:	PORTLAND, OREGON 97204
ATTORNEY DOCKET NUMBER:	3382-101935-01
NAME OF SUBMITTER:	PATRICK M. BIBLE
SIGNATURE:	/Patrick M. Bible/
DATE SIGNED:	10/17/2019
Total Attachments: 7	
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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5377580

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
RAYMOND LEONARD KALLAHER	01/24/2019
SERGEI VYACHESLAVOVICH GRONIN	01/24/2019
GEOFFREY CHARLES GARDNER	01/24/2019
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:	16252237
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Phone:	503 595 5300
Email:	iris.rasanen@klarquist.com
Correspondent Name:	PATRICK M. BIBLE, KLARQUIST SPARKMAN, LLP
Address Line 1:	121 SW SALMON STREET, SUITE 1600
Address Line 2:	ONE WORLD TRADE CENTER
Address Line 4:	PORTLAND, OREGON 97204
ATTORNEY DOCKET NUMBER:	3382-101935-01
NAME OF SUBMITTER:	PATRICK M. BIBLE
SIGNATURE:	/Patrick M. Bible/
DATE SIGNED:	02/15/2019
Total Attachments: 6	
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I Raymond Leonard KALLAHER ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "FABRICATION OF A DEVICE " ("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 January 18, 2019 and was given Application No. 16/252237 by the following Office "U.S. 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

--	--	--

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	_____ Date
<u>Raymond Leonard KALLAHER</u> Printed Name in English	_____ Printed Name in Native Language (if other than English)

I Sergei Vyatcheslavovich GRONIN ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "FABRICATION OF A DEVICE" ("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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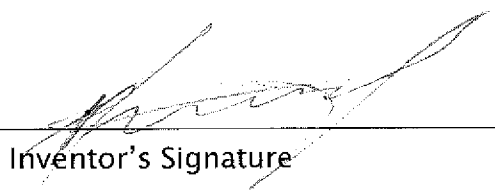
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Inventor's SignatureSergei Vyatcheslavovich GRONIN

Printed Name in English

01/24/2019
DateСергей ВячеславовичГРОНИНPrinted Name in Native Language
(if other than English)

I Geoffrey Charles GARDNER ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "FABRICATION OF A DEVICE" ("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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Geoffrey Charles Gardner
Inventor's Signature

1-24-19
Date

Geoffrey Charles GARDNER
Printed Name in English

GEOFFREY CHARLES GARDNER
Printed Name in Native Language
(if other than English)