505175948 11/05/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NOEL ANDREW BAINBRIDGE	11/02/2018
MATTHEW JOHN BALKWILL	11/05/2018
BOZIDAR RADUNOVIC	11/02/2018

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:	16180908

CORRESPONDENCE DATA

Fax Number: (503)595-5301

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CORY A. JONES, KLARQUIST SPARKMAN, LLP **Correspondent Name:**

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Address Line 2: ONE WORLD TRADE CENTER Address Line 4: PORTLAND, OREGON 97204

ATTORNEY DOCKET NUMBER: 3382-101342-01 **NAME OF SUBMITTER: CORY A. JONES** /Cory A. Jones/ SIGNATURE: **DATE SIGNED:** 11/05/2018

Total Attachments: 6

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PATENT ASSIGNMENT

I, Noel Andrew BAINBRIDC joint inventor of subject matter (n the original inventor or a osed and/or claimed in a p	
application entitled "IMPLEMENT, CLOUD INFRASTRUCTURE" ("APPI	ATION OF CORE CE		
legal representa Microsoft Way, R REPRESENTATIVE and given Applic United States Pa	tives, of Microsoft ⁻ Redmond, Washingt ES) to insert here in Cation No. 16/180,908	norizes, and requests, ASS Technology Licensing, LLC on 98052 (ASSIGNEE'S LEC parentheses (filed on <u>11/5</u> by the following Office: k Office) this APPLICATION fice, when known;	, One GAL G/2018 ,
		en Application No Patent and Trademark Offi	
behalf of itself and its successor desirous of acquiring, the entire right of priority, in the INVENTIC patents derived therefrom, such for the United States, its territor DERIVATIVES"));	rs and assigns ("ASS and exclusive righ ON and the APPLICA as continuing app	ts, title and interest, includ ATION (and all other applications, in whole or in pa	d is ding the ations and
ASSIGNOR hereby author to insert the Application No., fill APPLICATION DERIVATIVES after	ing date, and Office	ASSIGNEE'S LEGAL REPRESE into the following table fo	
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).

NA Bainhis	2 Nov 7018	
Inventor's Signature	Date	
Noel Andrew BAINBRIDGE		
Printed Name in English	Printed Name in Native Language (if other than English)	

PATENT ASSIGNMENT

joint inventor of si	ubject matter ("IN' d "IMPLEMENTATIO	VENTION") disclosed an ON OF CORE CELLULAR	inal inventor or an original d/or claimed in a patent NETWORKING STACK ON
⊠ wi lee Mi RE an Ur	II be filed. ASSIGN gal representative icrosoft Way, Redr PRESENTATIVES) t Ind given Application ited States Patent	NOR hereby authorizes, s, of Microsoft Technolo nond, Washington 980!	neses (filed on <u>11/5/2018</u> , e following Office:) this APPLICATION's
		and was given App "United States Patent a	lication No by and Trademark Office";
behalf of itself and desirous of acquir right of priority, in patents derived th	d its successors and ing, the entire and the invention and the invention and erefrom, such as	nd assigns ("ASSIGNEE") d exclusive rights, title and the APPLICATION (a	and interest, including the and all other applications and s, in whole or in part,in and
	ication No., filing	date, and Office into th	EE'S LEGAL REPRESENTATIVES e following table for any
Application No.	Fi	ling Date	Office

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M.5.Bakwdl Inventor's Signature	5 - Nov - 2018 Date
Matthew John BALKWILL	
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

•	•	SSIGNOR"), am the original NTION") disclosed and/or	inventor or an original joint claimed in a patent
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• •		ICATION"), which:	
	legal representat Microsoft Way, R REPRESENTATIVE and given Applic United States Pat	IGNOR hereby authorizes, ives, of Microsoft Technologied and 980! so insert here in parentlation No. 16/180,908 by the ent and Trademark Office, who illing date, and Office, who	ogy Licensing, LLC, One 52 (ASSIGNEE'S LEGAL neses (filed on 11/5/2018, e following Office: this APPLICATION's
		and was given App	
Microsoft	Technology Lice	nsing, LLC, a Washington	limited liability company, on
		s and assigns ("ASSIGNEE")	
•	- '		and interest, including the
			nd all other applications and
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<i>DER.</i> (7, 11, 12, 7),			
			EE'S LEGAL REPRESENTATIVES
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APPLICATION D	ERIVATIVES after	they are known;	
Application No	•	Filing Date	Office

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| Date | Date | Bozidar RADUNOVIC | Božidar RADUNOVIC | Printed Name in English | Printed Name in Native Language (if other than English)