PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7188594

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the INVENTOR NAME NICHOLAS ANDREW KEEHN previously recorded on Reel 058764 Frame 0504. Assignor(s) hereby confirms the ASSIGNOR SELLS, ASSIGNS, AND TRANSFERS TO THE ASSIGNEE THE ENTIRE RIGHT, TITLE AND INTEREST IN THE INVENTION.

CONVEYING PARTY DATA

Name	Execution Date
HUSAM ATALLAH ALISSA	06/17/2021
IOANNIS MANOUSAKIS	01/23/2022
NICHOLAS ANDREW KEEHN	06/21/2021
ERIC C. PETERSON	01/07/2022
BHARATH RAMAKRISHNAN	06/21/2021
CHRISTIAN L. BELADY	09/21/2021
RICARDO GOUVEA BIANCHINI	06/20/2021

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:	17227208

CORRESPONDENCE DATA

Fax Number: (801)532-7543

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

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mspatent@rgn.com, usdocket@microsoft.com Email: **Correspondent Name:** RAY QUINNEY & NEBEKER - MICROSOFT

Address Line 1: 36 SOUTH STATE STREET

Address Line 2: **SUITE 1400**

Address Line 4: SALT LAKE CITY, UNITED STATES 84111

409564-US-NP - CORRECTIVE ATTORNEY DOCKET NUMBER:

PATENT REEL: 059353 FRAME: 0071 507141750

NAME OF SUBMITTER:	PAUL N. TAYLOR
SIGNATURE:	/Paul N. Taylor, Reg.# 57271/
DATE SIGNED:	02/22/2022

Total Attachments: 18

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> PATENT REEL: 059353 FRAME: 0072

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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HUSAM ATALLAH ALISSA	06/17/2021
IOANNIS MANOUSAKIS	01/23/2022
NICHOLAS KEEHN	06/21/2021
ERIC C. PETERSON	01/07/2022
BHARATH RAMAKRISHNAN	06/21/2021
CHRISTIAN L. BELADY	09/21/2021
RICARDO GOUVEA BIANCHINI	06/20/2021

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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	
Applicati	ion Number:	17227208	

CORRESPONDENCE DATA

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Email: mspatent@rqn.com, 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: RAY QUINNEY & NEBEKER - MICROSOFT

Address Line 1: 36 SOUTH STATE STREET

Address Line 2: SUITE 1400

Address Line 4: SALT LAKE CITY, UTAH 84111

ATTORNEY DOCKET NUMBER: 409564-US-NP

NAME OF SUBMITTER: PAUL N. TAYLOR

PATENT REEL: 059353 FRAME: 0073 1/25/22, 4:12 PM Assignment

Signature:	/Paul N. Taylor, Reg.# 57271/	
Date:	01/25/2022	
Total Attachments: 14 source=409564-US-NP_2022-01-25_Assignt	ments#page2.tif ments#page3.tif ments#page4.tif ments#page5.tif ments#page6.tif ments#page7.tif ments#page8.tif ments#page8.tif ments#page9.tif ments#page11.tif ments#page11.tif ments#page12.tif	
source=409564-US-NP_2022-01-25_Assignments#page13.tif source=409564-US-NP_2022-01-25_Assignments#page14.tif		
RECEIPT INFORMATION		
EPAS ID: PAT71401 Receipt Date: 01/25/202		

PATENT ASSIGNMENT	1/22 MS D	ocket No.:	409564-US-NP
	GNOR") am the original i INVENTION") disclosed a	nd/or claim	ied in a patent
☐ will be filed. ASSIGNEE'S legal LLC, One Microsof LEGAL REPRESENT on No. Patent and Trader	ASSIGNOR hereby authorepresentative, Microsoft tway, Redmond, Washings FATIVES), to insert here and by the following Officenark Office this APPLICAT fice, when known;	Technology ton 98052 (/ in parentho given / te <u>US - Un</u> i	Licensing, \SSIGNEE'S eses (filed \pplication ited States
🕅 was filed on April	9, 2021 and was given Ap	plication No	
	e following Office " <u>US - Ur</u>		atent and
Microsoft Technology Liebehalf of itself and its succe desirous of acquiring, the entiright of priority, in the INVENTI patents derived therefrom, sucfor the United States, its DERIVATIVES");	re and exclusive rights, till ON and the APPLICATION (h as continuing application)	GNEE"), is entle tle and inter (and all othe ns, in whole	ntitled to, and is est, including the r applications and or in part, in and
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following table for any APPLICA Application No.	Filing Date	Office	<u>m;</u>

Application No.	Filing Date	Office
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	6/21/21		
Inventor's Signature AND FEW 2/8/22 NK Nicholas KEEHN	Date		
Printed Name in English		Printed Name in Native Language (if other than English)	

inventor of	subject matter ("I ntitled <u>"SYSTEMS Al</u>	INVENTION") disclosed a	ul inventor or an original joint nd/or claimed in a patent ION-COOLED DATACENTERS"
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		<u>9, 2021</u> and was given Ap _l e following Office " <u>US – Un</u> ;	
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PATENT ASSIGNMENT	MS Docket No.:	409564-US-N

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Husem Alussia Inventor's Signature	
Husam Atallah ALISSA	
Printed Name in English	Printed Name in Native Language (if other than English)

inventor of	subject matter (ntitled " <u>SYSTEMS A</u>	"INVENTION") disclosed	al inventor or an original join and/or claimed in a paten SION-COOLED DATACENTERS
	ASSIGNEE'S legal LLC, One Microsof LEGAL REPRESENT on No. Patent and Trader	ASSIGNOR hereby auth representative, Microsoft ft Way, Redmond, Washing FATIVES), to insert here and by the following Office, when known;	Technology Licensing, gton 98052 (ASSIGNEE'S in parentheses (filed given Application ice <u>US – United States</u>
		<u>9, 2021</u> and was given Ap e following Office " <u>US – U</u> ;	
behalf of its desirous of a right of prior patents deriv	self and its succestacquiring, the entition ity, in the INVENTIVED therefrom, successited States, its t	ssors and assigns ("ASSION re and exclusive rights, ti ON and the APPLICATION h as continuing application	n limited liability company, or GNEE"), is entitled to, and is tle and interest, including the (and all other applications and ins, in whole or in part, in and ign countries ("APPLICATION
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Application 1	Vo.	Filing Date	Office

PATENT ASSIGNMENT	MS I	Oocket No.:	409564-US-NP

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")):

	01/23/2022
Inventor's Signature	Date
Ioannis MANOUSAKIS	Ιωάννης Μανουσάκης
Printed Name in English	Printed Name in Native Language
	(if other than English)

I <u>Nicholas KEEHN</u> ("ASSIGNOR") am the original inventor or an original join inventor of subject matter ("INVENTION") disclosed and/or claimed in a paten application entitled "SYSTEMS AND METHODS FOR IMMERSION-COOLED DATACENTERS ("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 <u>US - United States Patent and Trademark Office</u>) this APPLICATION's Application No., filing date, and Office, when known;
was filed on <u>April 9, 2021</u> and was given Application No <u>17/227,208</u> by the following Office " <u>US – United States Patent and Trademark Office</u> ";
Microsoft Technology Licensing, LLC, a Washington limited liability company, o behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and i desirous of acquiring, the entire and exclusive rights, title and interest, including th right of priority, in the INVENTION and the APPLICATION (and all other applications an patents derived therefrom, such as continuing applications, in whole or in part, in an for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES"));
ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S LEGA 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
Application No. Filing Date Office

PATENT ASSIGNMENT		MS Docket No.:	409304-US-INI
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4	6/21/21
Inventor's Signature	Date
Nicholas KEEHN	
Printed Name in English	Printed Name in Native Language (if other than English)

I <u>Eric C. PETERSON</u> ("AS inventor of subject matter (application entitled " <u>SYSTEMS A</u> ("APPLICATION"), which:	"INVENTION") disclosed	
ASSIGNEE'S legal LLC, One Microso LEGAL REPRESEN on No. Patent and Trade	ASSIGNOR hereby auth representative, Microsoft ft Way, Redmond, Washing TATIVES), to insert here and by the following Offimark Office) this APPLICA ffice, when known;	Technology Licensing, gton 98052 (ASSIGNEE'S in parentheses (filed given Application ice <u>US – United States</u>
	9, 2021 and was given Ap e following Office " <u>US – U</u> ";	
Microsoft Technology Liebehalf of itself and its succe desirous of acquiring, the enti- right of priority, in the INVENTI patents derived therefrom, suc- for the United States, its to DERIVATIVES"));	ssors and assigns ("ASSI) re and exclusive rights, ti ON and the APPLICATION h as continuing applicatio	tle and interest, including the (and all other applications and ns, in whole or in part, in and
ASSIGNOR hereby REPRESENTATIVES to insert to following table for any APPLICA	he Application No., filin	
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Page 1 of 2

	PATENT ASSIGNMENT	MS Docket No.:	409564-US-NI
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Exic C Peterser Inventor's Signature	<u> </u>
Eric C. PETERSON	
Printed Name in English	Printed Name in Native Language (if other than English)

joint invento	or of subject matte entitled " <u>SYSTEMS A</u>	er ("INVENTION") disclose	original inventor or an origina ed and/or claimed in a paten RSION-COOLED DATACENTERS
	ASSIGNEE'S legal LLC, One Microso LEGAL REPRESEN on No. Patent and Trade	ASSIGNOR hereby auth representative, Microsof ft Way, Redmond, Washin TATIVES), to insert here and by the following Offmark Office) this APPLICA	t Technology Licensing, gton 98052 (ASSIGNEE'S e in parentheses (filed given Application ice <u>US – United States</u>
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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

Bharath RAMAKRISHNAN

Printed Name in English

06/21/2021

Date

பரத் தொமகிடு மூண்ண்

Printed Name in Native Language

(if other than English)

inventor of	subject matter (intitled " <u>SYSTEMS A</u>	"INVENTION") disclosed	al inventor or an original join and/or claimed in a paten SION-COOLED DATACENTERS
	ASSIGNEE'S legal LLC, One Microso LEGAL REPRESEN on No. Patent and Trade	ASSIGNOR hereby auth representative, Microsoft ft Way, Redmond, Washing TATIVES), to insert here and by the following Offimark Office) this APPLICATICE, when known;	Technology Licensing, gton 98052 (ASSIGNEE'S in parentheses (filed given Application ice <u>US – United States</u>
		<u>9, 2021</u> and was given Ap e following Office " <u>US – U</u> ';	
behalf of its desirous of a right of prior patents deriv	self and its succe acquiring, the enti rity, in the INVENTI ved therefrom, suc ited States, its	ssors and assigns ("ASSIO re and exclusive rights, ti ON and the APPLICATION h as continuing applicatio	n limited liability company, or GNEE"), is entitled to, and is tle and interest, including the (and all other applications and ins, in whole or in part, in and ign countries ("APPLICATION
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Inventor's Signature

CHAIR BEADY

Printed Name in English

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joint inventor of subject	ct matter ("INVENTION") of the state of the	am the original inventor or an origina disclosed and/or claimed in a paten R IMMERSION-COOLED DATACENTERS
LLC, One M LEGAL RE on No Patent and	S legal representative, M Microsoft Way, Redmond, PRESENTATIVES), to inse a by the follow	by authorizes, and requests, Microsoft Technology Licensing, Washington 98052 (ASSIGNEE'S ert here in parentheses (filed und given Application ving Office US – United States APPLICATION's Application No.,
		given Application No : " <u>US – United States Patent and</u>
behalf of itself and its desirous of acquiring, t right of priority, in the I patents derived therefro	s successors and assigns the entire and exclusive r NVENTION and the APPLIC om, such as continuing ap	ashington limited liability company, or s ("ASSIGNEE"), is entitled to, and i rights, title and interest, including the CATION (and all other applications and pplications, in whole or in part, in and all foreign countries ("APPLICATION
REPRESENTATIVES to i	nsert the Application N	d requests, ASSIGNEE'S LEGAL lo., filing date, and Office into the
	APPLICATION DERIVATIVES	1
Application No.	Filing Date	Office
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PATENT ASSIGNMENT	MS I	Docket No.:	409564-US-NP

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).

ends benden	6/20/2021	
Inventor's Signature	Date	
Ricardo Gouvea BIANCHINI		
Printed Name in English	Printed Name in Native Language	
	(if other than English)	