11/12/2021 506975344

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7022183

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DOUGLAS PATRICK KELLEY	08/25/2021
ALEXIS GRACE SCHUBERT	08/16/2021
CRAIG STEVEN RANTA	08/20/2021
KATHRYN OSEEN-SENDA	08/17/2021
DENNIS TRIEU	09/15/2021
MARK EDWARD SHAW	10/19/2021

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:	17361064

CORRESPONDENCE DATA

Fax Number: (509)381-3110

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.

Email: usdocket@microsoft.com

Correspondent Name: MICROSOFT CORPORATION

Address Line 1: ONE MICROSOFT WAY

Address Line 4: REDMOND, WASHINGTON 98052

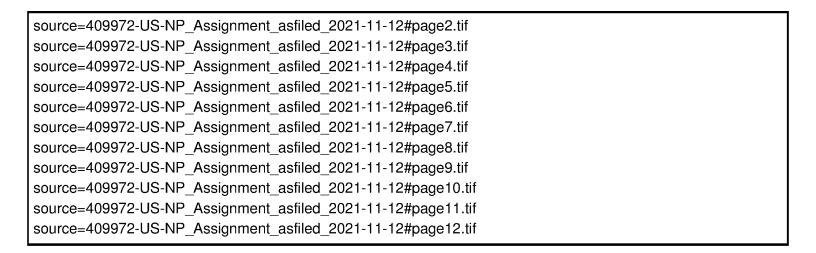
ATTORNEY DOCKET NUMBER: 409972-US-NP	
NAME OF SUBMITTER:	AMY WALLACE
SIGNATURE:	/Amy Wallace/
DATE SIGNED:	11/12/2021

Total Attachments: 12

source=409972-US-NP Assignment_asfiled_2021-11-12#page1.tif

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PATENT REEL: 058100 FRAME: 0149

PATENT ASSIGNMENT

I <u>D</u>	<u>ouc</u>	<u>ılas Patrio</u>	ck KELLE	Y ("ASSIGNOR") a	am the orig	inal inve	ntor or an	ori	gin	al joint
inventor	of	subject	matter	("INVENTION")	disclosed	and/or	claimed	in	a	patent
application	on e	ntitled " <u>C</u>	OMPUT	ER COOLING" ("A	APPLICATIO	N"), whic	:h:			

	will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representative of 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;
\boxtimes	was filed on <u>June 28, 2021</u> and was given Application No <u>17/361,064</u> by the following Office " <u>US – US Patent and Trademark</u> 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

PATENT ASSIGNMENT

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"));

	8/25/21
Inventor's Signature	Date
Douglas Patrick KELLEY	
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT

I <u>Alexis Grace SCHUBERT</u> ("ASSIGNOR") am the original inventor or an original joint
inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent
application entitled "COMPUTER COOLING" ("APPLICATION"), which:
will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representative of Microsoft Technology Licensing, LLC, One Microsoft Way, Redmond, Washington 98052 (ASSIGNEE'S
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My H. MM Inventor's Signature	8/16/21 Date
Alexis Grace SCHUBERT Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

I Craig Steven RANTA ("ASSIGNOR") am the original inventor or an original joint
inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent
application entitled "COMPUTER COOLING" ("APPLICATION"), which:
will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representative of 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)
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Inventor's Signature	8/20 /2071 Date
Craig Steven RANTA	
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT

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inventor	of	subjec	t n	natter	("IN	VEN ³	10IT	N")	dis	clos	sed	and	d/or	cla	ime	ed	in	a	pate	nt
applicatio	n er	ntitled	" <u>CO</u>	MPUT	ER C	<u> 00L</u>	<u>.ING</u> '	" ("A	\PPI	LICA	OIT	N"),	whi	ch:						

	will be filed. ASSIGNOR hereby authorizes, and requests,
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8/17/2021	
x the Allace	
Signed by: Kathryn Oseen-Senda	
Inventor's Signature	Date

PATENT ASSIGNMENT

I <u>Dennis TRIEU</u> ("ASSIGNO of subject matter ("INVENTION") (" <u>COMPUTER COOLING</u> " ("APPLICA	disclosed and/or claimed i	or or an original joint inventor n a patent application entitled
ASSIGNEE'S legal re LLC, One Microsoft LEGAL REPRESENT on the following Office	ASSIGNOR hereby author epresentative of Microsoft Way, Redmond, Washingt ATIVES), to insert here and given Application US – United States Patent Application No., filing o	Technology Licensing, con 98052 (ASSIGNEE'S in parentheses (filed No by and Trademark Office)
	8, 2021 and was given Ap following Office " <u>US – US</u>	
Microsoft Technology Lice behalf of itself and its successors of acquiring, the entire and exc priority, in the INVENTION and the derived therefrom, such as cont United States, its territories, and	s and assigns ("ASSIGNEE"), clusive rights, title and in he APPLICATION (and all o cinuing applications, in wh	terest, including the right of ther applications and patents ole or in part, in and for the
•	• •	EE'S LEGAL REPRESENTATIVES
to insert the Application No., fi APPLICATION DERIVATIVES after	-	the following table for any
Application No.	Filing Date	Office

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Di Zu	Sept 19,2021
Inventor's Signature	Date
Dennis TRIEU	
Printed Name in English	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT

I <u>Mark Edward SHAW</u> ("AS inventor of subject matter ("application entitled" <u>COMPUTER</u>	INVENTION") disclosed a	•
ASSIGNEE'S legal re LLC, One Microsoft LEGAL REPRESENT on the following Office	ASSIGNOR hereby authorepresentative of Microsoft Way, Redmond, Washingt ATIVES), to insert here and given Application with EUS – United States Patent Supplication No., filing of	Technology Licensing, con 98052 (ASSIGNEE'S in parentheses (filed No by and Trademark Office)
	28, 2021 and was given Ap e following Office " <u>US – US</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

Date

Mark Edward SHAW

Printed Name in English

Printed Name in Native Language (if other than English)