

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7432754

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
WINSTON ALLEN SAUNDERS	07/03/2020
CHRISTIAN L. BELADY	07/07/2021
LISA RU-FENG HSU	11/20/2020
HITESH BALLANI	11/08/2020
PAOLO COSTA	07/18/2020
DOUGLAS M. CARMEAN	10/08/2020
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:	17461758
CORRESPONDENCE DATA	
Fax Number:	(801)532-7543
<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>	
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ATTORNEY DOCKET NUMBER:	408549-US-CNT
NAME OF SUBMITTER:	JAMES S. BULLOUGH
SIGNATURE:	/James S. Bullough/
DATE SIGNED:	07/14/2022

Total Attachments: 12

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source=408549-US-NP_2022-07-14_Assignment#page12.tif

I Winston Allen SAUNDERS ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "USING FREE-SPACE OPTICS TO INTERCONNECT A PLURALITY OF COMPUTING NODES" ("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 June 30, 2020 and was given Application No. 16/917,875 by the following Office "US – United States Patent and Trademark Office";

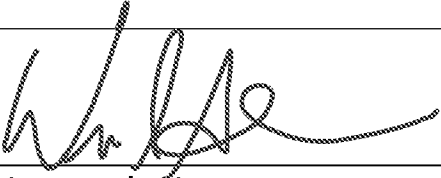
Microsoft Technology Licensing, LLC, a Washington limited liability company, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION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

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Application No.	Filing Date	Office
17/461,758	08-30-2021	USPTO

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	<u>July 3, 2020</u> _____ Date
Winston Allen SAUNDERS _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

I Christian L. BELADY ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "USING FREE-SPACE OPTICS TO INTERCONNECT A PLURALITY OF COMPUTING NODES" ("APPLICATION"), which:

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 Inventor's Signature	<u>7/7/21</u> Date
<u>Christian L. BELADY</u> Printed Name in English	 Printed Name in Native Language (if other than English)

I Lisa Ru-Feng HSU ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "USING FREE-SPACE OPTICS TO INTERCONNECT A PLURALITY OF COMPUTING NODES" ("APPLICATION"), which:

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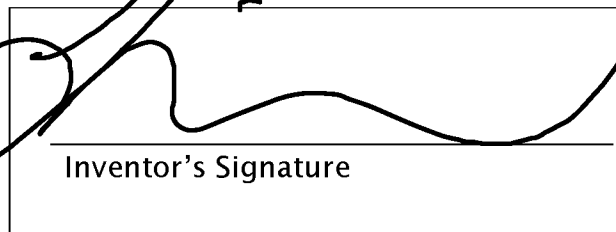
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	<u>11/20/2020</u>
Inventor's Signature	Date
<u>Lisa Ru-Feng HSU</u>	
Printed Name in English	Printed Name in Native Language (if other than English)

I Hitesh BALLANI ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "USING FREE-SPACE OPTICS TO INTERCONNECT A PLURALITY OF COMPUTING NODES" ("APPLICATION"), which:

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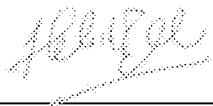
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	08 November 2020
_____ Inventor's Signature	_____ Date
Hitesh BALLANI	
_____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

I Paolo COSTA ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "USING FREE-SPACE OPTICS TO INTERCONNECT A PLURALITY OF COMPUTING NODES" ("APPLICATION"), which:

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	18th July 2020
_____ Inventor's Signature	_____ Date
_____ Paolo COSTA	_____ Printed Name in Native Language
_____ Printed Name in English	_____ (if other than English)

I Douglas M. CARMEAN ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "USING FREE-SPACE OPTICS TO INTERCONNECT A PLURALITY OF COMPUTING NODES" ("APPLICATION"), which:

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 _____ Inventor's Signature	October 8, 2020 _____ Date
Douglas M. CARMEAN _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)