

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT7120542

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
VAISHNAVI NATTAR RANGANATHAN	12/28/2021
UPINDER KAUR	12/28/2021
PEEYUSH KUMAR	01/02/2022
RANVEER CHANDRA	01/12/2022
MICHAEL MCNAB BASSANI	01/02/2022
VISHAL JAIN	01/03/2022
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MICROSOFT TECHNOLOGY LICENSING, LLC
<b>Street Address:</b>	ONE MICROSOFT WAY
<b>City:</b>	REDMOND
<b>State/Country:</b>	WASHINGTON
<b>Postal Code:</b>	98052
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	17647924
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(425)936-7329
<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>	
<b>Phone:</b>	4257079382
<b>Email:</b>	USDocket@microsoft.com
<b>Correspondent Name:</b>	MICROSOFT TECHNOLOGY LICENSING, LLC
<b>Address Line 1:</b>	ONE MICROSOFT WAY
<b>Address Line 4:</b>	REDMOND, WASHINGTON 98052
<b>ATTORNEY DOCKET NUMBER:</b>	410789-US-NP
<b>NAME OF SUBMITTER:</b>	VLADIMIR A. KOZYREV
<b>SIGNATURE:</b>	/VLADIMIR A. KOZYREV/
<b>DATE SIGNED:</b>	01/13/2022
<b>Total Attachments: 12</b>	

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source=2022-01-13 Executed Assignments 410789-US-NP#page12.tif

I Vaishnavi NATTAR RANGANATHAN ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "TRACEABILITY SYSTEM FOR BULK COMMODITY SUPPLY CHAIN" ("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 January 13, 2022 and given Application No. 17/647,924 by the following Office US – United States Patent and Trademark Office) this APPLICATION's Application No., filing date, and Office, when known;

☐ was filed on \_\_\_\_\_ and was given Application No \_\_\_\_\_ by the following Office " \_\_\_\_\_ ",

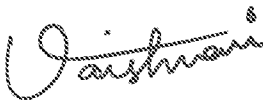
Microsoft Technology Licensing, LLC, a Washington limited liability company, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION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

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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).

	<u>12/28/2021</u>
Inventor's Signature	Date
<u>Vaishnavi NATTAR RANGANATHAN</u>	
Printed Name in English	Printed Name in Native Language (if other than English)

I Upinder KAUR ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "TRACEABILITY SYSTEM FOR BULK COMMODITY SUPPLY CHAIN" ("APPLICATION"), which:

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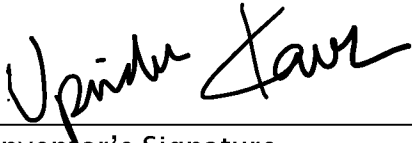
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	12/28/2021
Inventor's Signature	Date
Upinder KAUR	
Printed Name in English	Printed Name in Native Language (if other than English)

I Peeyush KUMAR ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "TRACEABILITY SYSTEM FOR BULK COMMODITY SUPPLY CHAIN" ("APPLICATION"), which:

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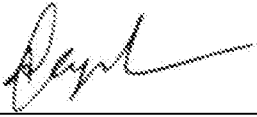
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	01/02/2022
_____ Inventor's Signature	_____ Date
Peeyush KUMAR	
_____ Printed Name in English	_____ Printed Name in Native Language (if other than English)



I Ranveer CHANDRA ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "TRACEABILITY SYSTEM FOR BULK COMMODITY SUPPLY CHAIN" ("APPLICATION"), which:

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	12 <sup>th</sup> January, 2022
Inventor's Signature	Date
Ranveer CHANDRA	
Printed Name in English	Printed Name in Native Language (if other than English)

I Michael McNab BASSANI ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "TRACEABILITY SYSTEM FOR BULK COMMODITY SUPPLY CHAIN" ("APPLICATION"), which:

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	1/2/2022
_____ Inventor's Signature	_____ Date
_____ Michael McNab BASSANI	_____ Printed Name in Native Language (if other than English)
_____ Printed Name in English	

I Vishal JAIN ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "TRACEABILITY SYSTEM FOR BULK COMMODITY SUPPLY CHAIN" ("APPLICATION"), which:

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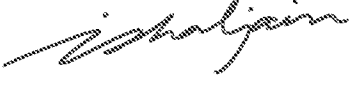
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	1/3/2022
_____ Inventor's Signature	_____ Date
Vishal JAIN	
_____ Printed Name in English	_____ Printed Name in Native Language (if other than English)