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PATENT ASSIGNMENT COVER SHEET

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| NATURE OF CONVEY | ANCE: | ASSIGNMENT | |
| CONVEYING PARTY | DATA | | |
| | | Name | Execution Date |
| SUSHANT SOOD | | | 07/06/2022 |
| PIYUSH GUPTA | | | 07/07/2022 |
| JEREMY MICHAEL B | ARES | | 07/08/2022 |
| RECEIVING PARTY | DATA | | |
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| Street Address: | | IICROSOFT WAY | |
| City: | REDM | DND | |
| State/Country: | WASH | NGTON | |
| Postal Code: | 98052 | | |
| Application Number: | : | 17807675 | |
| Property Typ Application Number: | | Number 17807675 | |
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| CORRESPONDENCE | | | |
| Fax Number: | | (720)204-5669 | |
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| <i>using a fax number,</i> Phone: Email: | if provided | <i>I; if that is unsuccessful, it will be s</i> 4255389035 usdocket1@microsoft.com | |
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| using a fax number, Phone: Email: Correspondent Name Address Line 1: Address Line 4: | if provided e: NUMBER: | d; if that is unsuccessful, it will be s 4255389035 usdocket1@microsoft.com MICROSOFT CORPORATION ONE MICROSOFT WAY REDMOND, WASHINGTON 98052 411283-US-NP | |
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| using a fax number, Phone: Email: Correspondent Name Address Line 1: Address Line 4: ATTORNEY DOCKET NAME OF SUBMITTER SIGNATURE: DATE SIGNED: Total Attachments: 6 source=2023-04-19-41 | if provided e: NUMBER: R: 1283-US-N | d; if that is unsuccessful, it will be s 4255389035 usdocket1@microsoft.com MICROSOFT CORPORATION ONE MICROSOFT WAY REDMOND, WASHINGTON 98052 411283-US-NP SHELBY KENNEDY /Shelby Kennedy/ 04/19/2023 | |
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PATENT ASSIGNMENT

i Sushant SOOD ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "TOPOLOCY RECOMMENDATION PLATFORM FOR APPLICATION ARCHITECTURE" ("APPLICATION"), which

- will be filed ASSIGNOR hereby authorizes, and requests,
 ASSIGNEE'S legal representative, Shook, Hardy & Bacon LL.P., 2555
 Grand Blvd., Kansas City, Missouri 64108-2613 (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
- X was filed on <u>lune 17, 2022</u> and was given Application No <u>17/807.675</u> by the following Office <u>'US - United States Patent</u> 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").

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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Page 1 of 2

PATENT REEL: 063372 FRAME: 0573

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSICNOR, the ASSIGNOR hereby sells, assigns and transfers to the ASSICNEE. ASSICNOR'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 intigation regarding letters patent derived therefrom, and for the purpose of protecting and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES).

Inventor's Signature

<u>Sushant SOOD</u> Printed Name in English

07 06 2022

Date

Printed Name in Native Language (if other than English)

Page 2 of 2

PATENT REEL: 063372 FRAME: 0574

PATENT ASSIGNMENT

I <u>Plyush GUPTA</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>TOPOLOGY RECOMMENDATION PLATFORM FOR APPLICATION ARCHITECTURE</u>" ("APPLICATION"), which:

- will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representative, Shook, Hardy & Bacon L.L.P., 2555 Grand Blvd., Kansas City, Missouri 64108–2613 (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 17, 2022 and was given Application No <u>17/807,675</u> by the following Office "<u>US – United States Patent</u> 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 | |
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Attorney Docket No. 411283-US-NP/384116

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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).

| lipi | 07/07/2022 |
|-------------------------|---------------------------------|
| Inventor's Signature | Date |
| Plyush GUPTA | |
| Printed Name in English | Printed Name in Native Language |
| | (if other than English) |

PATENT ASSIGNMENT

I Jeremy Michael BARES ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "TOPOLOGY RECOMMENDATION PLATFORM FOR APPLICATION ARCHITECTURE" ("APPLICATION"), which:

 will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S legal representative, Shook, Hardy & Bacon L.L.P., 2555
 Grand Blvd., Kansas City, Missouri 64108–2613 (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;

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| Inventor's Signature | <u>7/8/22</u> |
|-------------------------|--|
| Jeremy Michael BARES | Date |
| Printed Name in English | Printed Name in Native Language (if other than English) |