507231425 04/13/2022

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7278344

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------|----------------|
| ZHITING CHEN | 03/31/2022 |
| SAURAJIT MUKHERJEE | 04/12/2022 |

RECEIVING PARTY DATA

| Name: | MICROSOFT TECHNOLOGY LICENSING, LLC |
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| City: | REDMOND |
| State/Country: | WASHINGTON |
| Postal Code: | 98052 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 17710761 |

CORRESPONDENCE DATA

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| ATTORNEY DOCKET NUMBER: | MST-0572/411062-US-NP |
|-------------------------|-----------------------|
| NAME OF SUBMITTER: | BRENT R. LINDON |
| SIGNATURE: | /Brent R Lindon/ |
| DATE SIGNED: | 04/13/2022 |

Total Attachments: 4

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PATENT 507231425 REEL: 059589 FRAME: 0589

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PATENT REEL: 059589 FRAME: 0590

Attorney Docket No.: 411062-US-NP original inventor or an original joint

| "" " Subject matter | "INVENTION") disclosed a LE PERSONALIZED VISUAL | nventor or an original joint and/or claimed in a patent SEARCH RECOMMENDATION |
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| ASSIGNEE'S legal r Department, Micro Way, Redmond, REPRESENTATIVES by the | following Office <u>United</u>) this APPLICATION's A | and Corporate Affairs J, LLC, One Microsoft (ASSIGNEE'S LEGAL arentheses (filed on ication No States Patent and |
| ⊠ was filed on <u>Man</u> <u>17/710,761</u> by t <u>Trademark Office</u> | <u>th 31, 2022</u> and was given he following Office " <u>United</u> ("; | Application No. <u>States Patent and</u> |
| acquiring, the entire and excleded APPLICATION (and all other | assigns ("ASSIGNEE"), is e usive rights, title and inter applications and patents nd for the United States, | on Corporation, on behalf of ntitled to, and is desirous of est in the INVENTION and the derived therefrom, such as its territories, and all foreign |
| REPRESENTATIVES to insert | the Application No., filin | uests, ASSIGNEE'S LEGAL ig date, and Office into the |
| following table for any APPLIC | ATION DERIVATIVES after t | hey are known. |
| Application No. | Filing Date | Office |
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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 in the INVENTION and the APPLICATION (and 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).

| 的改造 | Mar 31, 2022 |
|--|---------------------------------|
| Inventor's Signature | Date |
| Zhiting CHEN | 既治廷 |
| Printed Name in English | Printed Name in Native Language |
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Attorney Docket No.: 411062-US-NP

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| inventor of subject matter | ("INVENTION") disclosed TALE PERSONALIZED VISU | inal inventor or an original join I and/or claimed in a paten AL SEARCH RECOMMENDATION |
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| Will be filed. ASSIGNEE'S legal Department, Mic Way, Redmond REPRESENTATIVE by th | ASSIGNOR hereby aut representatives, of the La rosoft Technology Licens 1, Washington 98052 S), to insert here in and given Ape following Office <u>Unit</u> this APPLICATION's | horizes, and requests, lw and Corporate Affairs ling, LLC, One Microsoft (ASSIGNEE'S LEGAL parentheses (filed on lplication No. |
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| 🖾 was filed on <u>Ma</u> i | <u>rch 31, 2022</u> and was give | n Application No. |
| <u>17/710,761</u> by | the following Office " <u>Unite</u> | ed States Patent and |
| <u>Trademark Offic</u> | <u>e</u> "; | The second of th |
| itself and its successors and acquiring, the entire and exc APPLICATION (and all other continuing applications, in a countries ("APPLICATION DERI | assigns ("ASSIGNEE"), is lusive rights, title and int applications and paten nd for the United States VATIVES")); authorizes, and re | gton Corporation, on behalf of entitled to, and is desirous of erest in the INVENTION and the ts derived therefrom, such as , its territories, and all foreign quests, ASSIGNEE'S LEGAL ing date, and Office into the |
| following table for any APPLIC | ATION DERIVATIVES after | they are known; |
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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 in the INVENTION and the APPLICATION (and 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).

| | Muly | 4/12/2022 |
|---|-------------------------|---------------------------------|
| *************************************** | Inventor's Signature | Date |
| - | Saurajit MUKHERJEE | |
| cionescen | Printed Name in English | Printed Name in Native Language |
| Ĺ | | (if other than English) |

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RECORDED: 04/13/2022

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