508636060 07/05/2024

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 Assignment ID: PATI343267

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

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------------------------|----------------|
| Krishna Kumar Parthasarathy | 04/14/2020 |
| Srivalli Chavali | 06/02/2019 |
| Denise Su-Li Santos | 06/03/2019 |
| Vladimir Grebenik | 06/03/2019 |

RECEIVING PARTY DATA

| Company Name: | Microsoft Technology Licensing, LLC | |
|-----------------|-------------------------------------|--|
| Street Address: | One Microsoft Way | |
| City: | Redmond | |
| State/Country: | State/Country: WASHINGTON | |
| Postal Code: | 98052 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 16875555 |

CORRESPONDENCE DATA

Fax Number:

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.

Phone: 6055400931

Email: usdocket1@microsoft.com,request@slwip.com

Correspondent Name: Schwegman Lundberg & Woessner, P.A.

Address Line 1: P.O. Box 2938

Address Line 4: Minneapolis, MINNESOTA 55402

| ATTORNEY DOCKET NUMBER: 406779-US02 (1777.D29US1) | |
|--|-------------|
| NAME OF SUBMITTER: | Tylyn Moore |
| SIGNATURE: | Tylyn Moore |
| DATE SIGNED: | 07/05/2024 |

Total Attachments: 9

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PATENT 508636060 REEL: 067915 FRAME: 0513

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PATENT REEL: 067915 FRAME: 0514

RECORDATION FORM COVER SHEET PATENTS ONLY

Form PTO-1595 (Rev. 6-18) OMB No. 0651-0027 (exp. 10/31/2024) U.S. Department of Commerce United States Patent and Trademark Office

| To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below. | | | |
|---|--|--|--|
| 1. Name of conveying party(ies): | 2. Name and ad | dress of receiving party(ies): | |
| Krishna Kumar PARTHASARATHY, Srivalli CHAVALI, Denise Su-Li SANTOS, Vladimir Vladimirovich GREBENIK | Name: | Microsoft Technology Licensing, LLC | |
| Additional name(s) of conveying party(ies) attached? | Street Address: | One Microsoft Way | |
| []Yes [X]No | City: | Redmond | |
| 3. Nature of conveyance/Execution Date(s): | State/Province: | WA | |
| Execution Date(s): <u>April 14, 2020, June 2, 2019, June 3, 2019, June 3, 2019</u> | Zip: | 98052 | |
| | Country: | United States of America | |
| [X] Assignment [] Merger [] Security Agreement [] Change of Name [] Joint Research Agreement [] Government Interest Assignment [] Executive Order 9424, Confirmatory License [] Other | Additional name(□Yes ⊠ N | (s) & address(es) attached? | |
| 4. Application number(s) or patent number(s): [] This docu A. Patent Application No.(s) Serial No. 16/875,555 Additional numbers attached? []Yes [X]No | | ath/Declaration (37 CFR 1.63) 3. Patent No.(s) | |
| 5. Name and address of party to whom correspondence concerning document should be mailed: | | of applications and patents involved: 1 CFR 1.21(h) & 3.41): \$0.00 | |
| Name: Rigel J. Menard Address: Schwegman Lundberg & Woessner, P.A. P.O. Box 2938 Minneapolis, Minnesota 55402 Phone Number: (612) 371-2136 Docket Number: 406779-US02 (1777.D29US1) Email Address: request@slwip.com | 0743 []Enclosed [] None reaffecting t 8. Payment Info | equired (government interest not ittle) | |
| 9. Signature: | | | |
| Rigel J. Menard/Reg. No. 66,520 Name of Person Signing | / Signature | Jul 5, 2024 Date | |
| Total number of pages including | g cover sheet, attach | ments, and documents: 9 | |

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

PATENT REEL: 067915 FRAME: 0515

I Krishna Kumar Parthasarathy ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "INFORMATION BARRIERS USING DATABASE FILTERS", 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 |
| | APPLICATION's Application No., filing date, and Office, when known; |
| | |
| \times | was filed on May 30, 2019 and was given Application No |
| | 62/854.839 by the following Office "US Patent 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 | |
|-----------------|-------------|--------|---|
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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).

Krishna Kumar Parthasarathy

Printed Name in English

O 4/14/2020.

Date

Printed Name in Native Language

(if other than English)

PSP

I Srivalli Chavali ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "INFORMATION BARRIERS USING DATABASE FILTERS", which:

| will be filed. ASSIGNOR hereby author | rizes, and requests, |
|--|-----------------------|
| ASSIGNEE'S legal representative, Microsoft 7 | Technology Licensing, |
| LLC, One Microsoft Way, Redmond, Washingto | on 98052 (ASSIGNEE'S |
| LEGAL REPRESENTATIVES), to insert here | in parentheses (filed |
| on and given Application \(\) | Noby |
| the following Office | this |
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|-----------------|-------------|--------|
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| \wedge $$ \circ | 6/2/19 |
|-------------------------|---------------------------------|
| | 612119 |
| Inventor's Signature | Date |
| Srivalli Chavali | |
| Printed Name in English | Printed Name in Native Language |
| | (if other than English) |

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| | June 3 , 2019 |
|-------------------------|---------------------------------|
| Inventor's Signature | Date |
| Denise Su–Li Santos | |
| Printed Name in English | Printed Name in Native Language |
| | (if other than English) |

I Vladimir Grebenik ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "INFORMATION BARRIERS USING DATABASE FILTERS", 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 |
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| on and given Application No by |
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| SAGO CONTRACTOR | Application No. | Filing Date | Office |
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| h | |
|---|---------------------------------|
| M-) | 6/3/2019 |
| Inventor's Signature | Date |
| | |
| Vladimir Grebenik | BAAAUMUP TPEBEHUK |
| Printed Name in English | Printed Name in Native Language |
| later History — III. de lana de de lana de diversión de la | (if other than English) |