02/17/2016 503697129

PATENT ASSIGNMENT COVER SHEET

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

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------------|----------------|
| TANVIR AHMED | 02/17/2016 |
| PETER J. KAUFMAN | 02/17/2016 |
| SHAVAK LAHIRI | 02/17/2016 |
| JOHN CHADWELL SPAITH | 02/17/2016 |
| JANANI VASUDEVAN | 02/17/2016 |
| DENNIS EDWARD FLANAGAN | 02/17/2016 |

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: | 15046367 |

CORRESPONDENCE DATA

Fax Number: (206)359-9000

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: 206-583-8888

Email: usdocket@microsoft.com PERKINS COIE LLP/MSFT **Correspondent Name:**

Address Line 1: P. O. BOX 1247

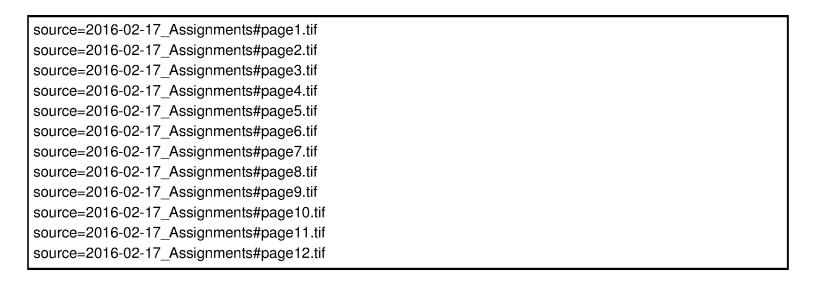
Address Line 4: SEATTLE, WASHINGTON 98111-1247

| ATTORNEY DOCKET NUMBER: | 358991.01 |
|-------------------------|------------------|
| NAME OF SUBMITTER: | ARCELIE GRAPES |
| SIGNATURE: | /Arcelie Grapes/ |
| DATE SIGNED: | 02/17/2016 |

Total Attachments: 12

PATENT REEL: 037758 FRAME: 0652

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PATENT REEL: 037758 FRAME: 0653

PATENT ASSIGNMENT MS Docket No.: 358991.01

| inventor of | subject matter (entitled "TRANSI | "INVENTION") disclosed | al inventor or an original joint and/or claimed in a patent CONFIGURATION SOURCES" |
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| | ASSIGNEE'S legal LLC., One Mic (ASSIGNEE'S LEC parentheses (filed No. <u>15/046,367</u> Patent and Trade | ASSIGNOR hereby authorepresentative, Microsoft rosoft Way, Redmond, GAL REPRESENTATIVES), don <u>February 17, 2016</u> by the following Offimark Office) this APPLICATION, when known; | Technology Licensing, Washington 98052 to insert here in and given Application ice US - United States |
| | | and was given y the following Office " <u>US</u> | |
| behalf of its desirous of a right of prior patents deriv | self and its succe acquiring, the enti- rity, in the INVENTI yed therefrom, suc- ited States, its t | ssors and assigns ("ASSIO re and exclusive rights, ti ON and the APPLICATION h as continuing applicatio | n limited liability company, on GNEE"), is entitled to, and is tle and interest, including the (and all other applications and ns, in whole or in part, in and gn countries ("APPLICATION |
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Page 1 of 2

41827-8111.US00/129922746.1

MS Docket No.: 358991.01

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 | O2/17/16 Date |
|-------------------------|---------------------------------|
| Tanvir Ahmed | |
| Printed Name in English | Printed Name in Native Language |
| | (if other than English) |

| I <u>Peter J. Kaufman</u> joint inventor of subject matte application entitled " <u>TRANSF</u> ("APPLICATION"), which: | er ("INVENTION") disclosed | |
|--|--|--|
| ASSIGNEE'S legal LLC., One Mic (ASSIGNEE'S LEG parentheses (filed No. <u>15/046,367</u> Patent and Trader | ASSIGNOR hereby auth representative, Microsoft rosoft Way, Redmond, AL REPRESENTATIVES), on <u>February 17, 2016</u> by the following Offinark Office) this APPLICATICE, when known; | Technology Licensing, Washington 98052 to insert here in and given Application ce US - United States |
| | and was given y the following Office " <u>US</u> <u>fice</u> "; | |
| Microsoft Technology Lice behalf of itself and its success desirous of acquiring, the entire right of priority, in the INVENTIGATION patents derived therefrom, successfor the United States, its to DERIVATIVES")); | ssors and assigns ("ASSIO re and exclusive rights, ti ON and the APPLICATION of h as continuing application | tle and interest, including the (and all other applications and ns, in whole or in part, in and |
| ASSIGNOR hereby REPRESENTATIVES to insert the following table for any APPLICA | ne Application No., filin | |
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PATENT REEL: 037758 FRAME: 0656

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 Peter J. Kaufman | 2/17/2016 Date |
|--|---|
| Printed Name in English | Printed Name in Native Language (if other than English) |

PATENT ASSIGNMENT MS Docket No.: 358991.01

| I <u>Shayak Lahiri</u> (' | 'ASSIGNOR") am the origin | al inventor or an original joint |
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| | | and/or claimed in a patent |
| | | CONFIGURATION SOURCES" |
| ("APPLICATION"), which: | | |
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| | ASSIGNOR hereby auth | norizes, and requests, |
| | representative, Microsoft | |
| | rosoft Way, Redmond | |
| (ASSIGNEE'S LE | • | to insert here in |
| parentheses (file | d on <i>February 17, 2016</i> | and given Application |
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| | mark Office) this APPLICA | |
| filing date, and O | ffice, when known; | |
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| was filed on | and was given | Application |
| No t | y the following Office " <u>US</u> | - United States Patent |
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| | - | GNEE"), is entitled to, and is |
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| right of priority, in the INVENTI | | • • |
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| DERIVATIVES)), | | |
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| Thoyah Lahwij Inventor's Signature | 02 17 2016 Date |
|---------------------------------------|---------------------------------|
| Shayak Lahiri | |
| Printed Name in English | Printed Name in Native Language |
| | (if other than English) |

| joint inventor | of subject matte entitled " <u>TRANSF</u> | r ("INVENTION") disclosed | original inventor or an original d and/or claimed in a patent CONFIGURATION SOURCES" |
|--|--|--|--|
| | ASSIGNEE'S legal LLC., One Mico (ASSIGNEE'S LEG parentheses (filed No. <u>15/046,367</u> | ASSIGNOR hereby auth representative, Microsoft rosoft Way, Redmond, AL REPRESENTATIVES), on February 17, 2016 by the following Offinark Office) this APPLICATICE, when known; | Technology Licensing, Washington 98052 to insert here in and given Application ce US – United States |
| | | and was given y the following Office " <u>US</u> fice"; | |
| behalf of its desirous of a right of prior patents deriv | elf and its succest acquiring, the entiti ity, in the INVENTI ed therefrom, suc ted States, its t | ssors and assigns ("ASSIG e and exclusive rights, ti ON and the APPLICATION h as continuing applicatio | n limited liability company, on GNEE"), is entitled to, and is tle and interest, including the (and all other applications and ns, in whole or in part, in and ign countries ("APPLICATION |
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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"));

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| Inventor's Signature | <u> </u> |
|--|---|
| John Chadwell Spaith Printed Name in English | Printed Name in Native Language (if other than English) |

PATENT ASSIGNMENT MS Docket No.: 358991.01 I <u>Janani Vasudevan</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "TRANSFER OF CONTROL OF CONFIGURATION SOURCES" ("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 February 17, 2016 and given Application 15/046,367 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 "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")); 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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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).

| famanit | 02/17/2016 |
|-------------------------|--|
| Inventor's Signature | Date |
| Janani Vasudevan | Mathematical and and a second a |
| Printed Name in English | Printed Name in Native Language |
| | (if other than English) |

PATENT ASSIGNMENT MS Docket No.: 358991.01 I Dennis Edward Flanagan ("ASSIGNOR') am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "TRANSFER OF CONTROL OF CONFIGURATION SOURCES" ("APPLICATION'), which: will be filed. ASSIGNOR hereby authorizes, and requests, ASSIGNEE-6 legal representative, Microsoft Technology Licensing, One Microsoft Way, Redmond, Washington LLC.. (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert here in parentheses (filed on February 17, 2016 and given Application 15/046,367 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 "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)): LEGAL authorizes, reauests. ASSIGNEE+S and hereby ASSIGNOR REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known; Office Application No. Filing Date

Page 1 of 2

41827-8111.US00/129923327.1

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"));

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| Inventor-s Signature Dennis Edward Flanagan | 2/17/2016 Date | www.cc.googl |
|--|---|--------------|
| Printed Name in English | Printed Name in Native Language (if other than English) | |

RECORDED: 02/17/2016