PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4449061

| SUBMISSION TYPE: | CORRECTIVE ASSIGNMENT |
|------------------|---|
| | Corrective Assignment to correct the INVENTOR PROGL'S FIRST NAME previously recorded on Reel 042244 Frame 0556. Assignor(s) hereby confirms the CORRECT SPELLING IS LEE W. PROGL. |

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------------|----------------|
| ASHISH MUNJAL | 05/01/2017 |
| LEE W. PROGL | 05/01/2017 |
| PRASAD AYYALASOMAYAJULA | 05/02/2017 |
| UUGANJARGAL KHANNA | 05/01/2017 |

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: | 15587016 |

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.

Email: usdocket@microsoft.com

Correspondent Name: MICROSOFT CORPORATION

Address Line 1: ONE MICROSOFT WAY

Address Line 4: REDMOND, WASHINGTON 98052

| ATTORNEY DOCKET NUMBER: | 401949-US-NP |
|-------------------------|---------------|
| NAME OF SUBMITTER: | NOEMI TOVAR |
| SIGNATURE: | /NOEMI TOVAR/ |
| DATE SIGNED: | 06/07/2017 |

Total Attachments: 12

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PATENT 504402364 REEL: 042719 FRAME: 0103

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| source=2017-06-07_401949-US-NP_Corrective-Assignments-Merged#page8.tif |
| source=2017-06-07_401949-US-NP_Corrective-Assignments-Merged#page9.tif |
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| source=2017-06-07_401949-US-NP_Corrective-Assignments-Merged#page11.tif |
| source=2017-06-07_401949-US-NP_Corrective-Assignments-Merged#page12.tif |

PATENT REEL: 042719 FRAME: 0104 Assignment Page 1 of 2

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

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

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------------|----------------|
| ASHISH MUNJAL | 05/01/2017 |
| b€ W PROGL LEE | 05/01/2017 |
| PRASAD AYYALASOMAYAJULA | 05/02/2017 |
| UUGANJARGAL KHANNA | 05/01/2017 |

RECEIVING PARTY DATA

| Name: | MICROSOFT TECHNOLOGY LICENSING, LLC |
|-----------------|-------------------------------------|
| Street Address: | ONE MICROSOFT WAY |
| City: | REMOND |
| State/Country: | WASHINGTON |
| Postal Code: | 98052 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15587016 |

CORRESPONDENCE DATA

Fax Number:

Phone: 425-707-9382
Email: usdocket@microsoft.com

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.

Correspondent Name: MICROSOFT CORPORATION

Address Line 1: ONE MICROSOFT WAY
Address Line 4: REDMOND, WASHINGTON 98052

ATTORNEY DOCKET

| NUMBER: | 401949-US-NP |
|--------------------|---------------|
| NAME OF SUBMITTER: | FAUZIA LALA |
| Signature: | /Fauzia Lala/ |
| Date: | 05/04/2017 |

Total Attachments: 8

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Assignment Page 2 of 2

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RECEIPT INFORMATION

EPAS ID: PAT4399096 **Receipt Date:** 05/04/2017

PATENT ASSIGNMENT Docket No.: 401949-US-NP

I Ashish MUNJAL ("ASSIGNOR") am the original inventor or an original joint

| | | | authorizes, and requests, crosoft Technology Licensing, |
|--|---|--|---|
| | LLC., One Mic (ASSIGNEE'S LEC parentheses (file | crosoft Way, Red GAL REPRESENTAT d on <u>May 4, 2</u> | Imond, Washington 98052 IVES), to insert here in 2017 and given Application |
| | Patent and Trade | | ng Office <u>"US - United States</u> PPLICATION's Application No., |
| | was filed on | and | was given Application |
| | No | by the follo | owing Office <u>"US – United</u> |
| | States Patent and | Trademark Office": | |
| behalf of its | seir and its succe | essors and assigns | (ASSIGNED), is critical to, and |
| desirous of a right of prior patents deriv | acquiring, the entirity, in the INVENT yed therefrom, suc ited States, its | re and exclusive rig ION and the APPLICA th as continuing app | ghts, title and interest, including to ATION (and all other applications a plications, in whole or in part, in a foreign countries ("APPLICATION") |
| desirous of a right of prior patents deriv for the Un DERIVATIVES ASSIG REPRESENTA | acquiring, the enti- rity, in the INVENT yed therefrom, suc- ited States, its ")); NOR hereby TIVES to insert t | re and exclusive rig ION and the APPLICA th as continuing app territories, and all authorizes, and the Application No | ghts, title and interest, including to ATION (and all other applications an olications, in whole or in part, in an inference of the foreign countries ("APPLICATION") requests, ASSIGNEE'S LEG, filing date, and Office into the articles |
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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"));

| All Might | 5/1/17 |
|-------------------------|---|
| Inventor's Signature | Date |
| Ashish MUNJAL | |
| Printed Name in English | Printed Name in Native Language (if other than English) |

Docket No.: 401949-US-NP

I Lee W. PROGL ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "THERMAL EXCURSION DETECTION IN DATACENTER COMPONENTS" ("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 May 4, 2017 and given Application No. 15587016 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 of acquiring, the entire and exclusive rights, title and interest, including the right of

behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous 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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Docket No.: 401949-US-NP

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"));

| 103/ | 5/1/17 |
|-------------------------|---------------------------------|
| Inventor's Signature | Date |
| Lee W. PROGL | |
| Printed Name in English | Printed Name in Native Language |
| | (if other than English) |

Docket No.: 401949-US-NP

| joint inventor of subject matter | r ("INVENTION") dis | m the original inventor or an original sclosed and/or claimed in a patent SON IN DATACENTER COMPONENTS" |
|--|--|--|
| ASSIGNEE'S legal r LLC., One Microsof LEGAL REPRESENTA and given Applicat "US - United S APPLICATION's App | epresentative, Mici t Way, Redmond, W ATIVES), to insert h ion No. 155870° tates Patent and olication No., filing o | authorizes, and requests, rosoft Technology Licensing, ashington 98052 (ASSIGNEE'S pere in parentheses (filed on May 4, 2011) May 4 the following Office of this date, and Office, when known; was given Application No ates Patent and Trademark |
| Microsoft Technology Lice behalf of itself and its successors of acquiring, the entire and ex- priority, in the INVENTION and the derived therefrom, such as cont United States, its territories, and ASSIGNOR hereby authoric | and assigns ("ASSI clusive rights, title ne APPLICATION (ar inuing applications all foreign countrie zes, and requests, a | nington limited liability company, on GNEE"), is entitled to, and is desirous and interest, including the right of all other applications and patents, in whole or in part, in and for the es ("APPLICATION DERIVATIVES")); ASSIGNEE'S LEGAL REPRESENTATIVES ice into the following table for any |
| Application No. | Filing Date | Office |
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Docket No.: 401949-US-NP

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| ADwyn Pand | 5/2/2017 |
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| Inventor's Signature | Date |
| Prasad AYYALASOMAYAJULA | |
| Printed Name in English | Printed Name in Native Language |
| | (if other than English) |

Docket No.: 401949-US-NP

I <u>Uuganjargal KHANNA</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>THERMAL EXCURSION DETECTION IN DATACENTER COMPONENTS</u>" ("APPLICATION"), which:

| X | oxtimes will be filed. ASSIGNOR hereby author | rizes, and requests, |
|---|---|---------------------------|
| | ASSIGNEE'S legal representative, Microsoft T | Technology Licensing, |
| | LLC., One Microsoft Way, Redmond, | Washington 98052 |
| | (ASSIGNEE'S LEGAL REPRESENTATIVES), | to insert here in |
| | parentheses (filed on May 4, 2017 a No. 15587016 by the following Office | |
| | Patent and Trademark Office"; this APPLICATI | ION's Application No., |
| | filing date, and Office, when known; | |
| | was filed onand was given | en Application |
| | No by the following Of | fice " <u>US » United</u> |
| | 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"));

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| Application No. | Filing Date | Office | |
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| Museral | 5/1/17 |
|-------------------------|---------------------------------|
| Inventor's Signature | Date |
| Uuganjargal KHANNA | |
| Printed Name in English | Printed Name in Native Language |
| | (if other than English) |