# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2588929

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

## **CONVEYING PARTY DATA**

| Name          | Execution Date |
|---------------|----------------|
| MUNISH BANSAL | 10/23/2013     |
| MANEESH SAH   | 10/23/2013     |

# **RECEIVING PARTY DATA**

| Name:           | ICROSOFT CORPORATION   |  |
|-----------------|------------------------|--|
| Street Address: | ess: ONE MICROSOFT WAY |  |
| City:           | EDMOND                 |  |
| State/Country:  | WASHINGTON             |  |
| Postal Code:    | 98052                  |  |

## PROPERTY NUMBERS Total: 1

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 14061556 |

#### **CORRESPONDENCE DATA**

 Fax Number:
 (801)328-1707

 Phone:
 8015339800

 Email:
 dso@wnlaw.com

Correspondence will be sent via US Mail when the email attempt is unsuccessful.

Correspondent Name: WORKMAN NYDEGGER/MICROSOFT

Address Line 1: 60 EAST SOUTH TEMPLE

Address Line 2: SUITE 1000

Address Line 4: SALT LAKE CITY, UTAH 84111

| ATTORNEY DOCKET NUMBER: | 13768.2337                   |
|-------------------------|------------------------------|
| NAME OF SUBMITTER:      | ADRIAN J. LEE                |
| Signature:              | /Adrian J. Lee, Reg.# 42785/ |
| Date:                   | 10/23/2013                   |

502543460 REEL: 031464 FRAME: 0431

OP \$40,00 14061556

Total Attachments: 4
source=Assignment#page1.tif
source=Assignment#page2.tif
source=Assignment#page3.tif
source=Assignment#page4.tif

PATENT REEL: 031464 FRAME: 0432

# PATENT ASSIGNMENT

|      | MS Dock |     |     |     |      |     |         |    |
|------|---------|-----|-----|-----|------|-----|---------|----|
| inal | invento | r   | or  | an  | orig | ina | ıl joir | n  |
| ed   | and/or  | cla | ain | ned | in   | а   | pater   | 3ŧ |

I <u>Munish Bansal</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>EMULATING TEST DISTIBUTED APPLICATION ON SERVER</u>" ("APPLICATION"), which:

| $\boxtimes$ | will b  | e filed.   | ASSIGNOR       | hereby     | author   | izes,          | and           | reque          | sts, |
|-------------|---------|------------|----------------|------------|----------|----------------|---------------|----------------|------|
|             |         |            | l representat  |            |          |                |               |                |      |
|             |         |            | rosoft Corpo   |            |          |                |               |                |      |
|             |         |            | 52 (ASSIGNE    |            |          |                |               |                |      |
|             | here i  | n parent   | heses (filed   | on Oc      | tober 23 | <u>3, 2013</u> | } a           | nd gi          | ven  |
|             | Applica | ation No.  | 14/061556      | by the     | e follow | ing Of         | fice <u>U</u> | <u>5 – Uni</u> | ted  |
|             |         |            | and Trade      |            |          |                |               | ICATIO         | N's  |
|             | Applica | ation No., | filing date, a | ınd Office | e, when  | knowr          | 1;            |                |      |

| was filed on | and was given Application |
|--------------|---------------------------|
| No by the    | following Office          |
| ×i           | ss <sub>x</sub>           |
|              | ,t                        |

Microsoft Corporation, a Washington Corporation, 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 in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, 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 |
|---|---|--------|
|   |   |        |
| *************************************** |   |        |
|   | }                                       |        |
| ·····                                   |   |        |
|   |   |        |
|   | *************************************** |        |
|   |   |        |
|   |   |        |
|   |   |        |

Page 1 of 2

# PATENT ASSIGNMENT

MS Docket No.: 339709.01 WN Docket No.: 13768, 2337

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).

|                         | 6/23/2013   |
|-------------------------|---|
| inventor's Signature    | Date  |
| Munish Bansal           |   |
| Printed Name in English | Printed Name in Native Language (if other than English) |

| PATENT ASSIGNMENT MS Docket No.: 339709.01   |
|--|
| WN Docket No.: 13768. 2337   |
| I Maneesh Sah ("ASSIGNOR") am the original inventor or an original join inventor of subject matter ("INVENTION") disclosed and/or claimed in a paten   |
| application entitled "EMULATING TEST DISTIBUTED APPLICATION ON SERVER  |
| ("APPLICATION"), which:  |
| Control of the contro |
| will be filed. ASSIGNOR hereby authorizes, and requests,   |
| ASSIGNEE'S legal representatives, of the Law and Corporate Affairs  Department, Microsoft Corporation, One Microsoft Way, Redmond,   |
| Washington 98052 (ASSIGNEE'S LEGAL REPRESENTATIVES), to insert   |
| here in parentheses (filed on October 23, 2013 and given   |
| Application No. 14/061556 by the following Office US - United  |
| States Patent and Trademark Office) this APPLICATION's   |
| Application No., filing date, and Office, when known;  |
| The Eventual Control of the Control  |
| was filed on and was given Application   |
| No by the following Office   |
| 4 B,   |
|  |
| Microsoft Corporation, a Washington Corporation, on behalf of itself and it successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the   |
|  |
| entire and exclusive rights, title and interest in the INVENTION and the APPLICATIO  |
| (and all other applications and patents derived therefrom, such as continuing  |
| applications, in and for the United States, its territories, and all foreign countries   |
| ("APPLICATION DERIVATIVES"));  |
| ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S LEGA  |
| 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   |
|  |

Page 1 of 2

## PATENT ASSIGNMENT

MS Docket No.: 339709.01 WN Docket No.: 13768, 2337

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).

| John                    | 10 23 2013  |
|-------------------------|---|
| Inventor's Signature    | Date  |
| Maneesh Sah             |   |
| Printed Name in English | Printed Name in Native Language (if other than English) |