PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

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

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------------|----------------|
| Andrew C. Bragdon | 06/20/2012 |
| Gareth Jones | 06/19/2012 |
| Mark A. Groves | 06/15/2012 |
| Tracey Glass Trewin | 06/22/2012 |

RECEIVING PARTY DATA

| Name: | Microsoft Corporation |
|-----------------|-----------------------|
| Street Address: | One Microsoft Way |
| City: | Redmond |
| State/Country: | WASHINGTON |
| Postal Code: | 98052 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 13533997 |

CORRESPONDENCE DATA

 Fax Number:
 (425)936-7329

 Phone:
 425-707-9382

Email: vffiling@microsoft.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: Assal Meftahi
Address Line 1: One Microsoft Way

Address Line 2: Patent Group Docketing Dept
Address Line 4: Redmond, WASHINGTON 98052

| ATTORNEY DOCKET NUMBER: | 336414.01 |
|-------------------------|-------------|
| NAME OF SUBMITTER: | Medha Kajla |

PATENT

REEL: 028448 FRAME: 0368

Total Attachments: 6

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PATENT REEL: 028448 FRAME: 0369

| PATENT ASSI | GNMENT | |
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| We, Andrew C. Bragdon, Gareth | lones, Mark A. Groves, and Tracey Glass | |
| Trewin ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or | | |
| claimed in a patent application entitled "Integi | rating Diagnostic Information in | |
| Development Environment" ("APPLICATION"), \ | which: | |
| will be filed without this exe | cuted PATENT ASSIGNMENT. ASSIGNOR | |
| hereby authorizes, and requ | ests, ASSIGNEE'S legal representatives, of | |
| the Law and Corporate Affai | rs Department, Microsoft Corporation, | |
| One Microsoft Way, Redmon | d, Washington 98052, who are | |
| associated with customer nu | imber 69316, to insert here in | |
| parenthesis (Application No. | 13/533,997 , filed 06/27/2012) this | |
| APPLICATION's Application I | No. and filing date, when known; | |
| was filed on and | was given Application No; | |
| is filed concurrently herewit | | |
| Microsoft Corporation, a Washin | gton Corporation, on behalf of itself and | |
| its successors and assigns ("ASSIGNEE"), is ent | titled 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 | f therefrom, such as continuing | |
| applications, in and for the United States, its t | erritories, and all foreign countries | |
| ("APPLICATION DERIVATIVES")); | | |
| For good and valuable considera | tion, the receipt of which is hereby | |
| acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns and transfers to | | |
| the ASSIGNEE, the entire and exclusive rights, title and interest in the INVENTION and | | |
| the APPLICATION (and APPLICATION DERIVATI | VES); | |
| ASSIGNOR agrees to execute all | instruments and documents required for | |
| the making and prosecution of the APPLICATION | ON (and APPLICATION DERIVATIVES), for | |
| litigation regarding letters patent derived ther | efrom, and for the purpose of protecting | |
| and perfecting title to the APPLICATION (and A | APPLICATION DERIVATIVES). | |
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| | 6/20/200 | |
| | 7,00,000 | |
| Inventor's Sighature | Date | |
| ·¢ | | |
| Andrew C. Bragdon | Andrew C. Braydon | |
| Printed Name in English | Printed Name in Native Language | |

Page 1 of 2

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PATENT ASSIGNMENT

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| inventor's Signature : :::::::::::::::::::::::::::::::::: | |
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| Gareth Jones | |
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| Mark A. Groves | pulicinal average are in the average per and the second properties are a basis of the second per and the sec |
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| Tracey Glass Trewin | ************************************** |
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| the Law and Corporate Affairs Department, Microsoft Corporation, | | |
| One Microsoft Way, Redmond, Washington98052, who are associated | | |
| with customer number 69316, to insert here in parenthesis | | |
| (Application No. $13/533,997$, filed $06/27/2012$) this APPLICATION's | | |
| Application No. and filing date, when known; | | |
| was filed on and was given Application No.; | | |
| is filed concurrently herewith; | | |
| 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 | | |
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| | | |
| and perfecting title to the APPLICATION (and APPLICATION DERIVATIVES). | | |
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| In the state of a Cinnet was | | |
| Inventor's Signature Date | | |

Page 1 of 2

Printed Name in Native Language

(if other than English)

Andrew C. Bragdon Printed Name in English

PATENT ASSIGNMENT

(Continued from page 1 to list additional inventors)

| Inventor's Signature | Date |
|-------------------------|--|
| Gareth Jones | |
| Printed Name in English | Printed Name in Native Language (if other than English) |
| Mur | - 6/15/2012 |
| Inventor's Signature | Date |
| Mark A. Groves | |
| Printed Name in English | Printed Name in Native Language (if other than English) |
| | |
| Inventor's Signature | Date |
| Tracey Glass Trewin | |
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| Mark A. Groves Printed Name in English | Printed Name in Native Language (if other than English) |
| Inventor's Sighature | 1/22/12 Date |
| Tracey Class Trewin Printed Name in English | Printed Name in Native Language (if other than English) |

Page 2 of 2