Electronic Version v1.1 Stylesheet Version v1.1

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

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------------|----------------|
| David J. Rasmussen | 03/30/2007 |
| Alex J. Simmons | 03/30/2007 |
| Christopher H. Pratley | 04/04/2007 |
| Olya Veselova | 03/30/2007 |
| Peyush Bansal | 03/30/2007 |
| David Garber | 03/30/2007 |
| Igor Kofman | 04/09/2007 |
| Donovan Lange | 03/30/2007 |
| Emily Pitler | 04/02/2007 |

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: | 11784888 |

CORRESPONDENCE DATA

Fax Number: (425)936-7329

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

Phone: 425-707-2290

Email: dbouton@microsoft.com

Correspondent Name: Dianne Bouton
Address Line 1: One Microsoft Way

Address Line 4: Redmond, WASHINGTON 98052

PATENT

REEL: 019284 FRAME: 0914

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| ATTORNEY DOCKET NUMBER: | 319368.01 |
|---|---|
| NAME OF SUBMITTER: | Steven Spellman |
| Total Attachments: 8 source=MS 319368.01 Executed Assignments | nt#page2.tif nt#page3.tif nt#page4.tif nt#page4.tif nt#page5.tif nt#page6.tif |

PATENT ASSIGNMENT

| I/WE, David J. Rasmussen ("ASSIGNOR"), Alex J. Simmons ("ASSIGNOR"), |
|---|
| Christopher H. Pratley ("ASSIGNOR"), Olya Veselova ("ASSIGNOR"), Peyush Bansal |
| ("ASSIGNOR"), David Garber ("ASSIGNOR"), Igor Kofman ("ASSIGNOR"), Donovan Lange |
| ("ASSIGNOR"), and Emily Pitler ("ASSIGNOR"), have invented subject matter ("INVENTION") |
| disclosed and/or claimed in a patent application entitled "TECHNIQUES TO ASSOCIATE |
| INFORMATION BETWEEN APPLICATION PROGRAMS" ("APPLICATION"), which: |

| | authorizes and requests, ASSIC Corporate Affairs Department, Redmond, Washington 98052, 22971, to insert here in parent od/10/2007 this APPLICATION's known; | ted PATENT ASSIGNMENT. ASSIGNOR hereby GNEE'S legal representatives, of the Law and Microsoft Corporation, One Microsoft Way, who are associated with customer number thesis (Application No. 11/784,888, filed a Application No. and filing date, when was given Application No; |
|--|--|---|
| successors an and exclusive applications a | d assigns ("ASSIGNEE"), is entitled rights, title and interest in the IN and patents derived therefrom, su | gton Corporation, on behalf of itself and its d to, and is desirous of acquiring, the entire NVENTION and the APPLICATION (and all other uch as continuing applications, in and for the untries ("APPLICATION DERIVATIVES")); |
| acknowledged ASSIGNEE, the | by the ASSIGNOR, the ASSIGNOR | tion, the receipt of which is hereby R hereby sells, assigns and transfers to the and interest in the INVENTION and the ; |
| making and p regarding lett | rosecution of the APPLICATION (a | nstruments and documents required for the and APPLICATION DERIVATIVES), for litigation d for the purpose of protecting and perfecting ERIVATIVES). |
| Date | | David J. Rasmussen |

| Date | Alex J. Simmons |
|-------------------|------------------------|
| April 4/2009 Date | Christopher H. Pratley |
| Date | Olya Veselova |
| Date | Peyush Bansal |
| Date | David Garber |
| Date | Igor Kofman |
| Date | Donovan Lange |
| Date | Emily Pitler |

REEL: 019284 FRAME: 0917

PATENT ASSIGNMENT

I/WE, David J. Rasmussen ("ASSIGNOR"), Alex J. Simmons ("ASSIGNOR"), Christopher H. Pratley ("ASSIGNOR"), Olya Veselova ("ASSIGNOR"), Peyush Bansal ("ASSIGNOR"), David Garber ("ASSIGNOR"), Igor Kofman ("ASSIGNOR"), Donovan Lange ("ASSIGNOR"), and Emily Pitler ("ASSIGNOR"), have invented subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "TECHNIQUES TO ASSOCIATE INFORMATION BETWEEN APPLICATION PROGRAMS" ("APPLICATION"), which:

| abla | will be filed without this executed PATENT ASSIGNMENT. ASSIGNOR hereby |
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| | authorizes and requests, ASSIGNEE'S legal representatives, of the Law and |
| | Corporate Affairs Department, Microsoft Corporation, One Microsoft Way, |
| | Redmond, Washington 98052, who are associated with customer number |
| | 22971, to insert here in parenthesis (Application No. $\frac{11/784,888}{11/84,888}$. filed |
| | 04/10/2007 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 (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"));

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, the 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).

3/3 0/2007

David J. Rasmussen

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| Date | <u> </u> | • | |

Date

3/30/07

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Date

Date

Alex I. Simmons

Christopher H. Pratley

Olya Veselova

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Peyush Bansal

David Garber

lgor Koffnan

Donovan Lange

Emily Pitler

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| successors and and exclusive r applications an | icrosoft Corporation, a Washington Corporation, on behalf of itself and its assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire ights, title and interest in the INVENTION and the APPLICATION (and all other d patents derived therefrom, such as continuing applications, in and for the ts territories, and all foreign countries ("APPLICATION DERIVATIVES")); |
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| making and pro regarding letter | SSIGNOR agrees to execute all instruments and documents required for the osecution of the APPLICATION (and APPLICATION DERIVATIVES), for litigation is patent derived therefrom, and for the purpose of protecting and perfecting LICATION (and APPLICATION DERIVATIVES). |
| Date | David J. Rasmussen |

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| Date | Alex J. Simmons |
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| Date | Christopher H. Pratley |
| Date | Olya Veselova |
| Date | Peyush Bansal |
| Date | David Garber |
| Date | Igor Kofman |
| Date | Donovan Lange |
| 4/2/2007 | Emslyhite |
| Date | Emily Pitler |

PATENT ASSIGNMENT

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| Date | Alex J. Simmons |
| Date | Christopher H. Pratley |
| Date | Olya Veselova |
| Date | Peyush Bansal |
| Date | David Garber |
| 4/9/2007 | Thomas |
| Date | lgor Kofman |
| Date | Donovan Lange |
| Date | |