

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT2835733

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| SAAR YAHALOM | 04/22/2014 |
| BART J. F. DE SMET | 04/22/2014 |
| DOUGLAS C. BURGER | 04/11/2014 |
| DANIEL LEE MASSEY | 04/15/2014 |
| 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: | 14265656 |
| CORRESPONDENCE DATA | |
| Fax Number: | |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i> | |
| Phone: | 425.704.0152 |
| Email: | assalm@microsoft.com |
| Correspondent Name: | ASSAL MEFTAH |
| Address Line 1: | ONE MICROSOFT WAY |
| Address Line 2: | PATENT DOCKET GROUP |
| Address Line 4: | REDMOND, WASHINGTON 98052 |
| ATTORNEY DOCKET NUMBER: | 340612.01 |
| NAME OF SUBMITTER: | TRACY POWELL |
| SIGNATURE: | /Tracy Powell/ |
| DATE SIGNED: | 04/30/2014 |
| Total Attachments: 8 | |
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I Saar Yahalom ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Client-Side Integration Framework of Services" ("APPLICATION"), which:

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 _____ and given Application No. _____ by the following Office _____) this APPLICATION's Application No., filing date, and Office, when known;

was filed on _____ and was given Application No _____ by the following Office " _____";

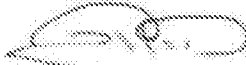
Microsoft Corporation, a Washington Corporation, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (and all other applications 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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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).

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|  | 22/4/2014 |
| Inventor's Signature | Date |
| Saar Yahalom | סאָר יאַהאַלום |
| Printed Name in English | Printed Name in Native Language (if other than English) |

I Bart J. F. De Smet ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Client-Side Integration Framework of Services" ("APPLICATION"), which:

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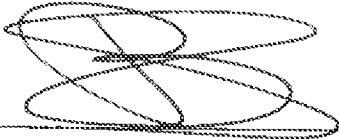
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|-----------------------------------------------------------------------------------|------------------------------------------------------------|
|  | 4/22/2014 |
| Inventor's Signature | Date |
| Bart J. F. De Smet | |
| Printed Name in English | Printed Name in Native Language (if other than English) |

I Douglas C. Burger ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Client-Side Integration Framework of Services" ("APPLICATION"), which:

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|  _____ Inventor's Signature | <u>4/11/14</u> _____ Date |
| <u>Douglas C. Burger</u> _____ Printed Name in English | _____ Printed Name in Native Language (if other than English) |

I Daniel Lee Massey ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "Client-Side Integration Framework of Services" ("APPLICATION"), which:

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|  | <u>4/15/2014</u> |
| Inventor's Signature | Date |
| <u>Daniel Lee Massey</u> | |
| Printed Name in English | Printed Name in Native Language (if other than English) |