

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3674924

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| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT                      |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                          |
| <b>CONVEYING PARTY DATA</b>   |                                     |
| <b>Name</b>   | <b>Execution Date</b>               |
| KRISHNA KUMAR PARTHASARATHY   | 12/18/2015                          |
| WAYNE MERL CRANSTON   | 12/18/2015                          |
| WILLIAM JAMES WHALEN  | 12/15/2015                          |
| NEELAMADHABA MAHAPATRO  | 12/16/2015                          |
| PIYUSH GUPTA  | 12/18/2015                          |
| FAINA SIGALOV   | 12/15/2015                          |
| SALIL KAPOOR  | 12/15/2015                          |
| JONATHAN STURGEON   | 12/16/2015                          |
| <b>RECEIVING PARTY DATA</b>   |                                     |
| <b>Name:</b>  | MICROSOFT TECHNOLOGY LICENSING, LLC |
| <b>Street Address:</b>  | ONE MICROSOFT WAY                   |
| <b>City:</b>  | REDMOND                             |
| <b>State/Country:</b>   | WASHINGTON                          |
| <b>Postal Code:</b>   | 98052                               |
| <b>PROPERTY NUMBERS Total: 1</b>  |                                     |
| <b>Property Type</b>  | <b>Number</b>                       |
| Application Number:   | 14978414                            |
| <b>CORRESPONDENCE DATA</b>  |                                     |
| <b>Fax Number:</b>  | (509)323-8979                       |
| <i>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.</i> |                                     |
| <b>Phone:</b>   | 509-324-9256                        |
| <b>Email:</b>   | cynthiac@leehayes.com               |
| <b>Correspondent Name:</b>  | LEE & HAYES PLLC                    |
| <b>Address Line 1:</b>  | 601 WEST RIVERSIDE AVENUE           |
| <b>Address Line 2:</b>  | SUITE 1400                          |
| <b>Address Line 4:</b>  | SPOKANE, WASHINGTON 99201           |
| <b>ATTORNEY DOCKET NUMBER:</b>  | MS1-6388US                          |
| <b>NAME OF SUBMITTER:</b>   | CYNTHIA M. CONWAY                   |
| <b>SIGNATURE:</b>   | /Cynthia M. Conway/                 |

PATENT

**DATE SIGNED:**

12/29/2015

**Total Attachments: 16**

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I Krishna Kumar Parthasarathy ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled

ENHANCED ACKNOWLEDGMENT FOR MESSAGES

("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 December 22, 2015 and given Application No. 14/978,414 by the following Office US - United States Patent and Trademark Office) this APPLICATION's Application No., filing date, and Office, when known;

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I Wayne Merl Cranston ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled

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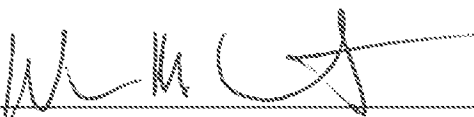
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|---|--|
|  | 12/18/15   |
| Inventor's Signature  | Date   |
| Wayne Meri Cranston   |  |
| Printed Name in English   | Printed Name in Native Language<br>(if other than English) |

I William James Whalen ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled

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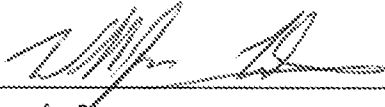
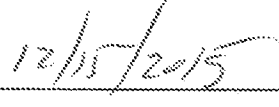
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| Inventor's Signature  | Date   |
| William James Whalen  |  |
| Printed Name in English   | Printed Name in Native Language<br>(if other than English)                           |



I Neelamadhaba Mahapatro ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled

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|  | 12-16-2015   |
| Inventor's Signature  | Date   |
| Neelamadhaba Mahapatro  |  |
| Printed Name In English   | Printed Name in Native Language<br>(if other than English) |

I Piyush Gupta ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled

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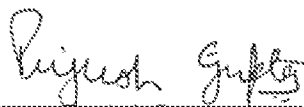
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|  | 12/18/15   |
| Inventor's Signature  | Date   |
| Piyush Gupta  |  |
| Printed Name in English   | Printed Name in Native Language<br>(if other than English) |

I Faina Sigalov ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled

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PATENT ASSIGNMENT


MS Docket No.: 358742.01

Attorney Docket No.: MS1- 6388US

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| <br>_____<br>Inventor's Signature | 12/15/15<br>_____<br>Date   |
| Faina Sigalov<br>_____<br>Printed Name in English  | _____<br>Printed Name in Native Language<br>(if other than English) |

I Salil Kapoor ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled

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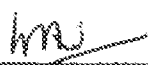
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| <br>_____<br>Inventor's Signature | <u>12/15/2015</u><br>_____<br>Date                                  |
| _____<br>Printed Name in English   | _____<br>Printed Name in Native Language<br>(if other than English) |



I Jonathan Sturgeon ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled

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PATENT ASSIGNMENT


MS Docket No.: 358742.01

Attorney Docket No.: MS1- 6388US

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|  | <u>12/16/2015</u>  |
| Inventor's Signature  | Date   |
| Jonathan Sturgeon   |  |
| Printed Name in English   | Printed Name in Native Language<br>(if other than English) |