

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4415590

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
IAN S. PETERSEN	05/14/2017
JEFFREY J. WALL	05/12/2017
MARIUS C. CONSTANTIN	05/12/2017
KENT C. MAI	05/12/2017
PING ZHANG	05/12/2017
SOMANATH KRISHNASWAMY	05/12/2017
JEREMY LITTEL	05/13/2017
JASON T. CREIGHTON	05/12/2017
JOYCE KUO	05/12/2017
VALLABH PATADE	05/12/2017
<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:	15595175
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	414-271-6560
<b>Email:</b>	usdocket@microsoft.com, mkeipdocket@michaelbest.com, lebuhs@michaelbest.com
<b>Correspondent Name:</b>	MICHAEL BEST & FRIEDRICH LLP
<b>Address Line 1:</b>	100 E WISCONSIN AVENUE
<b>Address Line 2:</b>	SUITE 3300
<b>Address Line 4:</b>	MILWAUKEE, WISCONSIN 53202

<b>ATTORNEY DOCKET NUMBER:</b>	402385-US-NP (9035-US)
<b>NAME OF SUBMITTER:</b>	MOLLY S. LAWSON
<b>SIGNATURE:</b>	/molly s. lawson/
<b>DATE SIGNED:</b>	05/16/2017

**Total Attachments: 20**

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I Ian S. PETERSEN ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "CONDITIONALLY CRASHING SOFTWARE APPLICATIONS TO TRACK SOFTWARE USE" ("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 \_\_\_\_\_ and given Application No. \_\_\_\_\_ by the following Office \_\_\_\_\_) this APPLICATION's Application No., filing date, and Office, when known;

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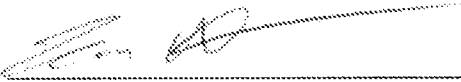
Microsoft Technology Licensing, LLC, a Washington limited liability company, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION (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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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).

	<u>2017/05/14</u>
Inventor's Signature	Date
<u>Ian S. PETERSEN</u>	
Printed Name in English	Printed Name in Native Language (if other than English)

I Jeffrey J. WALL ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "CONDITIONALLY CRASHING SOFTWARE APPLICATIONS TO TRACK SOFTWARE USE" ("APPLICATION"), which:

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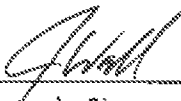
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	5-12-17
_____ Inventor's Signature	_____ Date
Jeffrey J. WALL	
_____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

I Marius C. CONSTANTIN ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "CONDITIONALLY CRASHING SOFTWARE APPLICATIONS TO TRACK SOFTWARE USE" ("APPLICATION"), which:

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	<u>5/12/2017</u>
Inventor's Signature	Date
<u>Marius C. CONSTANTIN</u>	
Printed Name in English	Printed Name in Native Language (if other than English)



I Kent C. MAI (“ASSIGNOR”) am the original inventor or an original joint inventor of subject matter (“INVENTION”) disclosed and/or claimed in a patent application entitled "CONDITIONALLY CRASHING SOFTWARE APPLICATIONS TO TRACK SOFTWARE USE" (“APPLICATION”), which:

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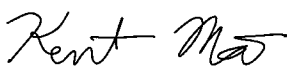
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 <hr/> Inventor's Signature	5/12/2017 <hr/> Date
Kent C. MAI <hr/> Printed Name in English	<hr/> Printed Name in Native Language (if other than English)

I Ping Zhang ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "CONDITIONALLY CRASHING SOFTWARE APPLICATIONS TO TRACK SOFTWARE USE" ("APPLICATION"), which:

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	<u>05/12/2013</u>
Inventor's Signature	Date
<u>Ping ZHANG</u>	<u>张平</u>
Printed Name in English	Printed Name in Native Language (if other than English)

I Somanath KRISHNASWAMY ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "CONDITIONALLY CRASHING SOFTWARE APPLICATIONS TO TRACK SOFTWARE USE" ("APPLICATION"), which:

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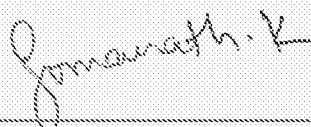
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	05/12/17
_____ Inventor's Signature	_____ Date
Somanath KRISHNASWAMY	ಸೋಮನಾಥ ಕೃಷ್ಣಸ್ವಾಮಿ
_____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

I Jeremy LITTEL ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "CONDITIONALLY CRASHING SOFTWARE APPLICATIONS TO TRACK SOFTWARE USE" ("APPLICATION"), which:

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	<u>5/13/17</u>
Inventor's Signature	Date
<u>Jeremy LITTEL</u>	
Printed Name in English	Printed Name in Native Language (if other than English)



I Jason T. CREIGHTON ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "CONDITIONALLY CRASHING SOFTWARE APPLICATIONS TO TRACK SOFTWARE USE" ("APPLICATION"), which:

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	<u>05/18/17</u>
Inventor's Signature	Date
<u>Jason T. CREIGHTON</u>	
Printed Name in English	Printed Name in Native Language (if other than English)

I Joyce KUO ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "CONDITIONALLY CRASHING SOFTWARE APPLICATIONS TO TRACK SOFTWARE USE" ("APPLICATION"), which:

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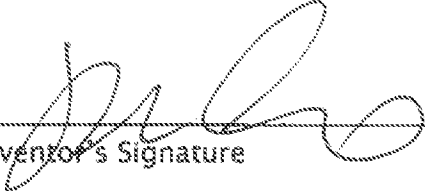
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	<u>5/12/17</u>
Inventor's Signature	Date
<u>Joyce KUO</u>	
Printed Name in English	Printed Name in Native Language (if other than English)

I Vallabh PATADE ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "CONDITIONALLY CRASHING SOFTWARE APPLICATIONS TO TRACK SOFTWARE USE" ("APPLICATION"), which:

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<u><i>Patade</i></u>	<u>05/12/2017</u>
Inventor's Signature	Date
<u>Vallabh PATADE</u>	<u>वल्लभ पराडे</u>
Printed Name in English	Printed Name in Native Language (if other than English)