

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3006048

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
OLGA IVANOVA	08/18/2014
SMITA OJHA	08/28/2014
ALEXANDRE DE BAYNAST	08/26/2014
MARKUS COZOWICZ	08/21/2014
ULRICH PINSDORF	08/27/2014
YI WANG	09/02/2014
PHILIPP KRANEN	08/26/2014
VENKAT NARAYANAN	08/14/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MICROSOFT CORPORATION
<b>Street Address:</b>	ONE MICROSOFT WAY
<b>Internal Address:</b>	C/O ASSAL MEFTAHI
<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:	14475550
<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>	425-707-9382
<b>Email:</b>	IP-PARALEGAL@TURKIPLAW.COM
<b>Correspondent Name:</b>	MICROSOFT CORPORATION
<b>Address Line 1:</b>	ONE MICROSOFT WAY
<b>Address Line 4:</b>	REDMOND, WASHINGTON 98052
<b>ATTORNEY DOCKET NUMBER:</b>	355313.01
<b>NAME OF SUBMITTER:</b>	CARL K TURK
<b>SIGNATURE:</b>	/Carl K Turk/

PATENT

<b>DATE SIGNED:</b>	09/03/2014
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**Total Attachments: 16**  
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I Olga Ivanova (“ASSIGNOR”) am the original inventor or an original joint inventor of subject matter (“INVENTION”) disclosed and/or claimed in a patent application entitled “DETECTION OF ANOMALIES IN ERROR SIGNALS OF CLOUD BASED SERVICE” (“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 09/02/2014 and given Application No. 14475550 by the following Office USPTO) this APPLICATION’s Application No., filing date, and Office, when known;

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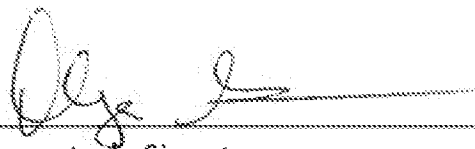
Microsoft Corporation, a Washington Corporation, on behalf of itself and its successors and assigns (“ASSIGNEE”), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries (“APPLICATION DERIVATIVES”));

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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 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).

	<u>8/18/2019</u>
Inventor's Signature	Date
<u>Olga Ivanova</u>	
Printed Name in English	Printed Name in Native Language (if other than English)

I Smita Ojha ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "DETECTION OF ANOMALIES IN ERROR SIGNALS OF CLOUD BASED SERVICE" ("APPLICATION"), which:

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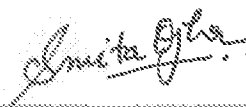
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	8/28/2014
Inventor's Signature	Date
Smita Ojha	स्मिता ओज्हा
Printed Name in English	Printed Name in Native Language (if other than English)

I Alexandre de Baynast ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "DETECTION OF ANOMALIES IN ERROR SIGNALS OF CLOUD BASED SERVICE" ("APPLICATION"), which:

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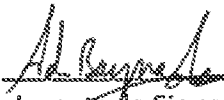
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 Inventor's Signature	<u>August 26, 2014</u> Date
Alexandre de Baynast Printed Name in English	 Printed Name in Native Language (if other than English)



I Markus Cozowicz ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "DETECTION OF ANOMALIES IN ERROR SIGNALS OF CLOUD BASED SERVICE" ("APPLICATION"), which:

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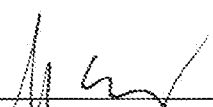
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 _____ Inventor's Signature	<u>2014/8/21</u> _____ Date
<u>Markus Cozowicz</u> _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

355313.01

I Ulrich Pinsdorf ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "DETECTION OF ANOMALIES IN ERROR SIGNALS OF CLOUD BASED SERVICE" ("APPLICATION"), which:

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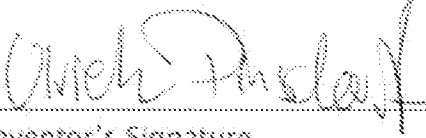
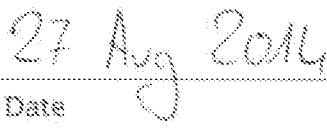
Application No.	Filing Date	Office

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355313.01

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Inventor's Signature	Date
Ulrich Pinsdorf	ULRICH PINSDORF
Printed Name in English	Printed Name in Native Language (if other than English)

I Yi Wang (“ASSIGNOR”) am the original inventor or an original joint inventor of subject matter (“INVENTION”) disclosed and/or claimed in a patent application entitled “DETECTION OF ANOMALIES IN ERROR SIGNALS OF CLOUD BASED SERVICE” (“APPLICATION”), which:

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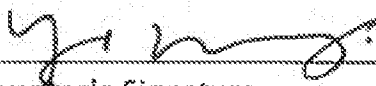
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	9/2/2014
Inventor's Signature	Date
Yi Wang	
Printed Name in English	Printed Name in Native Language (If other than English)

PATENT ASSIGNMENT

MS Docket No.: 355313.01

I Philipp Kranen ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "DETECTION OF ANOMALIES IN ERROR SIGNALS OF CLOUD BASED SERVICE" ("APPLICATION"), which:

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PATENT ASSIGNMENT

MS Docket No.: 355313.01

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	<u>8/26/2014</u>
Inventor's Signature	Date
<u>Philipp Kranen</u>	<u>Philipp Kranen</u>
Printed Name in English	Printed Name in Native Language (if other than English)



I Venkat Narayanan ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "DETECTION OF ANOMALIES IN ERROR SIGNALS OF CLOUD BASED SERVICE" ("APPLICATION"), which:

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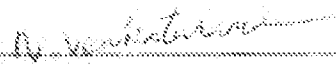
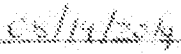
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Inventor's Signature	Date
Venkat Narayanan	
Printed Name in English	Printed Name in Native Language (if other than English)