

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4577259

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
REBECCA JEAN OCHS	08/30/2017
RAMESH CHINTA	08/28/2017
AMRITA SATAPATHY	08/30/2017
JEFFREY COOPERSTEIN	08/30/2017
HARINI PARTHASARATHY	08/30/2017
SCOTT ANTONY FIELD	09/01/2017
MOHAMED ROUATBI	08/30/2017
JULIAN FEDERICO GONZALEZ	08/28/2017
<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:	15692393
<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>Email:</b>	USDocket@microsoft.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>	402736-US-NP
<b>NAME OF SUBMITTER:</b>	DAVID W. GRILLO
<b>SIGNATURE:</b>	/David W. Grillo/
<b>DATE SIGNED:</b>	09/01/2017

**Total Attachments: 16**

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I Rebecca Jean Ochs ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled " OFF NODE SCANNING" ("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 August 31, 2017 and given Application No. 15/692,393 by the following Office United States Patent & Trademark Office) this APPLICATION's Application No., filing date, and Office, when known;

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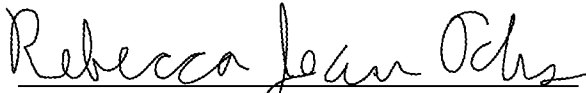
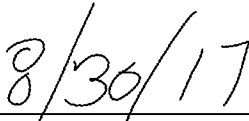
Microsoft Technology Licensing, LLC, a Washington limited liability company, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION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

 Inventor's Signature	 Date
Rebecca Jean Ochs Printed Name in English	 Printed Name in Native Language (if other than English)

I Amrita Satapathy ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled " OFF NODE SCANNING" ("APPLICATION"), which:

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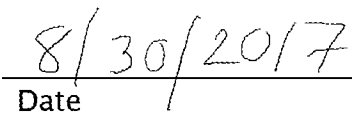
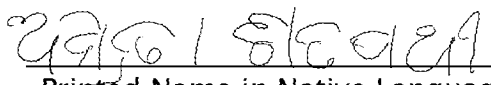
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 Inventor's Signature	 Date
Amrita Satapathy Printed Name in English	 Printed Name in Native Language (if other than English)

I Ramesh Chinta ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled " OFF NODE SCANNING" ("APPLICATION"), which:

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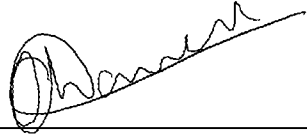
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	8/28/2017
_____ Inventor's Signature	_____ Date
Ramesh Chinta	
_____ Printed Name in English	_____ Printed Name in Native Language (if other than English)



I Harini Parthasarathy ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled " OFF NODE SCANNING" ("APPLICATION"), which:

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<u>Harini Parthasarathy</u>	<u>8/30/2017</u>
Inventor's Signature	Date
<u>Harini Parthasarathy</u>	
Printed Name in English	Printed Name in Native Language (if other than English)

I Jeffrey Cooperstein ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled " OFF NODE SCANNING" ("APPLICATION"), which:

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 Inventor's Signature	8/30/17 Date
Jeffrey Cooperstein Printed Name in English	Printed Name in Native Language (if other than English)

I Mohamed Rouatbi ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled " OFF NODE SCANNING" ("APPLICATION"), which:

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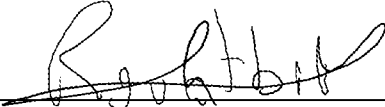
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 _____ Inventor's Signature	08/30/2017 _____ Date
Mohamed Rouatbi _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

I Julian Federico Gonzalez ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled " OFF NODE SCANNING" ("APPLICATION"), which:

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PATENT ASSIGNMENT

MS Docket No.: 402736-US-NP

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	8/25/2017
Inventor's signature	Date
Julian Federico Gonzalez	
Printed Name in English	Printed Name in Native Language (if other than English)



I Scott Antony Field ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled " OFF NODE SCANNING" ("APPLICATION"), which:

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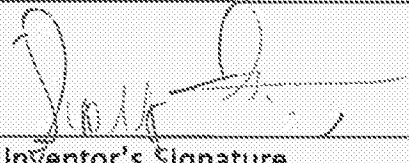
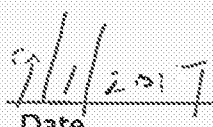
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Scott Antony Field Printed Name in English	 Printed Name in Native Language (if other than English)