

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4348462

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
IAN CARL LEGLER	03/31/2017
HITESH KAPOOR	03/30/2017
MANOJ LALAVAT	03/31/2017
LAKSHAYA GOEL	03/31/2017
ALEXANDER ARGUTIN	03/30/2017
RECEIVING PARTY DATA	
Name:	MICROSOFT TECHNOLOGY LICENSING, LLC
Street Address:	ONE MICROSOFT WAY
City:	REDMOND
State/Country:	WASHINGTON
Postal Code:	98052
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15476700
CORRESPONDENCE DATA	
Fax Number:	(703)865-5150
<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>	
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ATTORNEY DOCKET NUMBER:	401610-US-NP
NAME OF SUBMITTER:	TIMOTHY B. KANG
SIGNATURE:	/Timothy B. Kang/
DATE SIGNED:	03/31/2017
Total Attachments: 10	

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PATENT ASSIGNMENT

MS Docket No.: 401610-US-NP

I Ian Carl LEGLER ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "DEPENDENCY-BASED METADATA RETRIEVAL AND UPDATE" ("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;

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

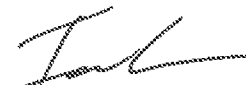
Microsoft Technology Licensing, LLC, a Washington limited liability company, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to, and is desirous of acquiring, the entire and exclusive rights, title and interest, including the right of priority, in the INVENTION and the APPLICATION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

ASSIGNOR hereby authorizes, and requests, ASSIGNEE'S LEGAL REPRESENTATIVES to insert the Application No., filing date, and Office into the following table for any APPLICATION DERIVATIVES after they are known;

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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).

	<u>2/31/2017</u>
Inventor's Signature	Date
<u>Ian Carl Legler</u>	
Printed Name in English	Printed Name in Native Language
Ian Carl LEGLER	(if other than English)

I Hitesh KAPOOR ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "DEPENDENCY-BASED METADATA RETRIEVAL AND UPDATE" ("APPLICATION"), which:

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<u>Hitesh Kapoor</u>	<u>03/30/2017</u>
Inventor's Signature	Date
<u>Hitesh Kapoor</u>	<u>हिंतेष कपूर</u>
Printed Name in English	Printed Name in Native Language
Hitesh KAPOOR	(if other than English)

I Manoj LALAVAT ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "DEPENDENCY-BASED METADATA RETRIEVAL AND UPDATE" ("APPLICATION"), which:

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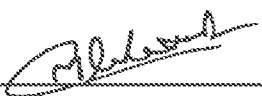
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	<u>03/31/2017</u>
Inventor's Signature	Date
<u>MANOJ LALAVAT</u>	<u>मनोज ललावत</u>
Printed Name in English	Printed Name in Native Language
Manoj LALAVAT	(if other than English)

I Lakshaya GOEL ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "DEPENDENCY-BASED METADATA RETRIEVAL AND UPDATE" ("APPLICATION"), which:

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	03/31/2017
Inventor's Signature	Date
LAKSHAYA GOEL	
Printed Name in English	Printed Name in Native Language
Lakshaya GOEL	(if other than English)

I Alexander ARGUTIN ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "DEPENDENCY-BASED METADATA RETRIEVAL AND UPDATE" ("APPLICATION"), which:

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	<u>03/30/2017</u>
Inventor's Signature	Date
<u>Alexander Argutin</u>	<u>Александр Аргутин</u>
Printed Name in English	Printed Name in Native Language
Alexander ARGUTIN	(if other than English)