# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6901054

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
ANDREW J. CARTER	10/02/2019
YING LU	10/01/2019
SIDDHARTH SHAH	10/02/2019
ANDREW RODRIGUEZ	10/02/2019
SCOTT M. MEYER	10/02/2019

### **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:	17466717

# **CORRESPONDENCE DATA**

**Fax Number:** (408)675-0442

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.

**Phone:** (408)675-0441 **Email:** anne@ndwe.com

Correspondent Name: NICHOLSON, DE VOS, WEBSTER & ELIOTT LLP

Address Line 1: 99 ALMADEN BOULEVARD, SUITE 575

Address Line 4: SAN JOSE, CALIFORNIA 95113

ATTORNEY DOCKET NUMBER:	1076.902456-US-CNT
NAME OF SUBMITTER:	CHRISTINE ORICH
SIGNATURE:	/ChristineEOrich#44987/
DATE SIGNED:	09/03/2021

**Total Attachments: 10** 

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PATENT REEL: 057385 FRAME: 0528

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PATENT REEL: 057385 FRAME: 0529

PATENT ASS	IGNMENT	MS I	Docket No.: <u>LI-902456-US-NP</u>
joint inventor application er	of subject matte	er ("INVENTION") disclose <u>G PATH CONSISTENCY IN C</u>	original inventor or an origina d and/or claimed in a pater GRAPH DATABASE PATH QUER
	ASSIGNEE'S legal in LLC, One Microsoft LEGAL REPRESENT onby the following C	CNOR hereby authorizes, a representative, Microsoft T ft Way, Redmond, Washing ATIVES), to insert here in part and given Application of the modern and T are supplication No., filing description of the modern and T are supplication No., filing description of the modern and T are supplication No., filing description of the modern and T are supplication No., filing description of the modern and T are supplication No., filing description of the modern and T are supplication No., filing description are supplication No., filing description and the modern and the modern are supplication not supplied the modern and the modern are supplied to the supplied to the modern are supplied to the su	echnology Licensing, Iton 98052 (ASSIGNEE'S Darentheses (filed In No Tademark Office"
	was filed on <u>30</u> Application No. <u></u> " U.S. Patent and		and was given the following Office
behalf of itself of acquiring, priority, in the derived theref	f and its successor the entire and exe INVENTION and from, such as con	rs and assigns ("ASSIGNEE" (clusive rights, title and in the APPLICATION (and all o atinuing applications, in w	n limited liability company, o ), is entitled to, and is desirou nterest, including the right o other applications and patent hole or in part, in and for th PLICATION DERIVATIVES"));
insert the Ap		ing date, and Office into	EE'S LEGAL REPRESENTATIVES to the following table for an
Application No		Filing Date	Office

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).

Andrew J. Carter

Andrew J. Carter

2 0 d 2019

Date

Andrew J. Carter

Andrew J. Carter

Printed Name in English Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT MS Docket No.: LI-902456-US-NP I Ying Lu ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "ENFORCING PATH CONSISTENCY IN GRAPH DATABASE PATH QUERY EVALUATION" ("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 and given Application No. by the following Office "\_\_\_\_U.S. Patent and Trademark Office\_\_\_" this APPLICATION's Application No., filing date, and Office, when known: was filed on <u>30 September 2019</u> and was given Application No. <u>16/588,644</u> by the following Office "\_ U.S. Patent and Trademark 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:

Application No.	Filing Date	Office	
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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):

Inventor's Signature	10/01/2019 Date
Ying Lu	Printed Name in Native Language
Printed Name in English	(if other than English)

PATENT ASSIGNMENT MS Docket No.: LI-902456-US-NP I <u>Siddharth Shah</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "ENFORCING PATH CONSISTENCY IN GRAPH DATABASE PATH QUERY EVALUATION" ("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 and given Application No. by the following Office "U.S. Patent and Trademark Office this APPLICATION's Application No., filing date, and Office, when known: was filed on 30 September 2019 and was given Application No. 16/588.644 by the following Office "\_U.S. Patent and Trademark 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:

Application No.	Filing Date	Office	

PATENT ASSIGNMENT

MS Docket No.: L1-902456-US-NP

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"));

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Sildhauth	10/02/2019
Inventor's Signature	Date
Siddharth Shah	
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

PATENT ASSIGNMENT	MS I	Docket No.: <u>LI-902456-US-NP</u>
I <u>Andrew Rodriguez</u> ("As inventor of subject matter ("IN\ application entitled " <u>ENFORCIN</u> QUERY EVALUATION" ("APPLICA	/ENTION") disclosed and/o G PATH CONSISTENCY IN C	inventor or an original joint or claimed in a patent GRAPH DATABASE PATH
ASSIGNEE'S legal LLC, One Microso LEGAL REPRESENT onby the following C	GNOR hereby authorizes, a representative, Microsoft T ft Way, Redmond, Washing ATIVES), to insert here in p and given Applicatio Office "U.S. Patent and T 's Application No., filing d	Technology Licensing, ston 98052 (ASSIGNEE'S parentheses (filed no rademark Office"
Application No	September 2019 16/588,644 nt and Trademark Office "	by the following
Microsoft Technology Licoehalf of itself and its successor of acquiring, the entire and expriority, in the INVENTION and derived therefrom, such as cor United States, its territories, and	rs and assigns ("ASSIGNEE" «clusive rights, title and in the APPLICATION (and all o ntinuing applications, in w	nterest, including the right or other applications and patents hole or in part, in and for the
ASSIGNOR hereby authoring the Application No., file APPLICATION DERIVATIVES afte	ing date, and Office into	EE'S LEGAL REPRESENTATIVES to the following table for any
Application No.	Filing Date	Office

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"));

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1 /	
a-/V	10/2/19
Inventor's Signature	Date
Andrew Rodriguez	
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT AS	SIGNMENT	es e	MS Docket No	:: <u>LI-902456-US-NP</u>
inventor or s application e	subject matter ("IN	G PATH CONSIS	riginal inventor or a used and/or claimed TENCY IN GRAPH DA	in a patent
	ASSIGNEE'S legal LLC, One Microso LEGAL REPRESENT on by the following (	representative, ft Way, Redmon FATIVES), to inse and given Office "U.S. Pa	othorizes, and reque Microsoft Technolog d, Washington 9805 ert here in parenthes Application No Stent and Trademark Io., filing date, and C	y Licensing, 2 (ASSIGNEE'S es (filed Office "
	was filed on <u>30</u> Application No. <u></u> Office <u>U.S. Pate</u>	16/588.644		given e following
behalf of itse of acquiring priority, in the derived ther	elf and its successo, the entire and e he INVENTION and efrom, such as co	rs and assigns ( xclusive rights, the APPLICATIC ntinuing applica	"ASSIGNEE"), is entitl title and interest, in DN (and all other app	liability company, or ed to, and is desirous ncluding the right o dications and patents part, in and for the N DERIVATIVES"));
insert the A	Application No., find DERIVATIVES after	ling date, and	Office into the foll	REPRESENTATIVES to lowing table for any

Page 1 of 2

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"));

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Inventor's Signature

Date

Scott M. Meyer

Printed Name in English

Printed Name in Native Language (if other than English)

Page 2 of 2

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