PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAN-OVE ALMLI KARLBERG	01/02/2023
THEODOROS GKOUNTOUVAS	01/03/2023
IQRA ALI	12/23/2022
ANDERS TUNGELAND GJERDRUM	01/02/2023
ANTHONY ACQUAH	01/05/2023
KAI-MARIUS PEDERSEN	12/22/2022
TOR KREUTZER	01/02/2023
RONNY JENSEN	12/23/2022

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:	18150789

CORRESPONDENCE DATA

Fax Number:

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.

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Email: docket@bjfip.com

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ATTORNEY DOCKET NUMBER: 412324-US-NP

NAME OF SUBMITTER: HOLLI L. TEMPLETON

SIGNATURE: /Holli L. Templeton/

507680482 PATENT REEL: 062289 FRAME: 0806

DATE SIGNED:	01/05/2023
Total Attachments: 16	
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PATENT REEL: 062289 FRAME: 0807

I <u>Jan-Ove Almli KARLBERG</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>DISTRIBUTION OF FEDERATED GRAPH QUERIES USING SCHEMAS</u>" ("APPLICATION"), which:

MS Docket No.: 412324-US-NP

\times	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 <u>January 5, 2023</u> and given Application No. <u>18/150,789</u> by
	the following Office "US - United States Patent and Trademark
	Office"); this APPLICATION's Application No., filing date, and Office,
	when known;
	was filed onand was given Application
	No by the following Office " <u>US - United</u>
	States 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"));

Application No.	Filing Date	Office

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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).

Jon-Ove A. Karlberg Inventor's Signature	02.01.2023 Date
Jan-Ove Almli KARLBERG	
Printed Name in English	Printed Name in Native Language
	(if other than English)

I <u>Theodoros GKOUNTOUVAS</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>DISTRIBUTION OF FEDERATED GRAPH QUERIES USING SCHEMAS</u>" ("APPLICATION"), which:

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Thru	01/03/2023
Inventor's Signature	Date
Theodoros GKOUNTOUVAS	
Printed Name in English	Printed Name in Native Language
	(if other than English)

I <u>Iqra ALI</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>DISTRIBUTION OF FEDERATED GRAPH QUERIES USING SCHEMAS</u>" ("APPLICATION"), which:

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Inventor's Signature	23-12-2022 Date
Iqra ALI	
Printed Name in English	Printed Name in Native Language
	(if other than English)

I <u>Anders Tungeland GJERDRUM</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>DISTRIBUTION OF FEDERATED GRAPH QUERIES USING SCHEMAS</u>" ("APPLICATION"), which:

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Andrs T.C	_1/2/2023
Inventor's Signature	Date
Anders Tungeland GJERDRUM	
Printed Name in English	Printed Name in Native Language
	(if other than English)

	PATENT A	ASSIGNMENT	MS Docket No.: 412324-US-NP
inventor of	subject matter (" entitled " <u>DISTRIBUT</u>	INVENTION") disclosed a	inventor or an original joint and/or claimed in a patent "H QUERIES USING SCHEMAS"
	ASSIGNEE'S legal LLC., One Microsof LEGAL REPRESENT on January 5, 2023 the following Office	ASSIGNOR hereby authorepresentative, Microsoft ft Way, Redmond, Washing (ATIVES), to insert here and given Application ice "US – United States ICATION's Application No.,	Technology Licensing, ton 98052 (ASSIGNEE'S in parentheses (filed No. <u>18/150,789</u> by Patent and Trademark
		and was giv by the following O Frademark Office";	
behalf of itse of acquiring priority, in the derived there	elf and its successors, the entire and ex ne INVENTION and t efrom, such as cont	s and assigns ("ASSIGNEE") clusive rights, title and in he APPLICATION (and all o tinuing applications, in wh	limited liability company, on is entitled to, and is desirous terest, including the right of ther applications and patents tole or in part, in and for the PLICATION DERIVATIVES"));
		•	EE'S LEGAL REPRESENTATIVES
	: Application No., I I DERIVATIVES after	-	the following table for any
Application	~	Filing Date	Office
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Page 1 of 2

MS Docket No.: 412324-US-NP

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Inventor's Signature	05.01.2023 Date
Anthony ACQUAH Printed Name in English	Printed Name in Native Language (if other than English)

when known;

l Kai-Marius PEDERSEN ("ASSIGNOR") am the original inventor or an original joint
inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent
application entitled "DISTRIBUTION OF FEDERATED GRAPH QUERIES USING SCHEMAS"
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Inventor's Signature	12/22/2022 Date
Kai-Marius PEDERSEN	
Printed Name in English	Printed Name in Native Language
	(if other than English)

I <u>Tor KREUTZER</u> ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "<u>DISTRIBUTION OF FEDERATED GRAPH QUERIES USING SCHEMAS</u>" ("APPLICATION"), which:

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Tor Kreuker Inventor's Signature	1/2/2023 Date
Tor KREUTZER	
Printed Name in English	Printed Name in Native Language
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MS Docket No.: 412324-US-NP I Ronny JENSEN ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "DISTRIBUTION OF FEDERATED GRAPH QUERIES <u>USING SCHEMAS</u>" ("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 January 5, 2023 and given Application No. 18/150,789 the following Office "US - United States Patent and Trademark" Office"); this APPLICATION's Application No., filing date, and Office, when known: was filed on _____and was given Application by the following Office "US - United States 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; Filing Date Office Application No.

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Pony Luser	12,23,2022
Inventoc's Signature	Date
Ronny JENSEN	
Printed Name in English	Printed Name in Native Language
	(if other than English)