

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT4311481

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
PETER DAHLE HEEN	10/28/2016
DAG STEINNES EIDSEN	10/27/2016
AMUND KRONEN JOHANSEN	10/28/2016
DAG BRATTLI	03/06/2017
JAN-OVE ALMLI KARLBERG	10/28/2016
TOR KREUTZER	10/28/2016
ÅGE KVALNES	10/28/2016
STEFFEN VIKEN VALVÅG	10/28/2016
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:	15338290
CORRESPONDENCE DATA	
Fax Number:	(865)380-5999
<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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Address Line 4:	MINNEAPOLIS, MINNESOTA 55402-0903
ATTORNEY DOCKET NUMBER:	14917.2943US01/360737USNP
NAME OF SUBMITTER:	CHRISTOPHER J. LEONARD
SIGNATURE:	/Christopher J. Leonard/

DATE SIGNED:

03/09/2017

Total Attachments: 16

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PATENT ASSIGNMENT

I Peter Dahle Heen ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "CHANGE MONITORING SPANNING GRAPH QUERIES" ("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 October 28, 2016 and given Application No. 15/338,290 by 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 No. _____ by the following Office "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"));


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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).

	28/10-16
_____ Inventor's Signature	_____ Date
Peter Dahle Heen	
_____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

I Dag Steinnes Eidesen ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "CHANGE MONITORING SPANNING GRAPH QUERIES" ("APPLICATION"), which:

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 _____ Inventor's Signature	<u>27/10/2016</u> _____ Date
<u>Dag Steennes Eidesen</u> _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

I Amund Kronen Johansen ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "CHANGE MONITORING SPANNING GRAPH QUERIES" ("APPLICATION"), which:

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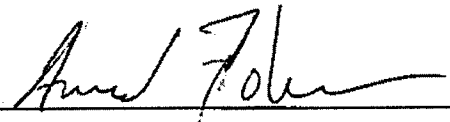
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	<u>28.10.2016</u>
Inventor's Signature	Date
<u>Amund Kronen Johansen</u>	
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

I Dag Brattli ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "CHANGE MONITORING SPANNING GRAPH QUERIES" ("APPLICATION"), which:

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<u>Dag Brattli</u>	<u>3/6-2017</u>
Inventor's Signature	Date
<u>Dag Brattli</u>	<u></u>
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

I Jan-Ove Almlı Karlberg ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "CHANGE MONITORING SPANNING GRAPH QUERIES" ("APPLICATION"), which:

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<u>Jan-Ove A. Karlberg</u> Inventor's Signature	<u>28.10.2016</u> Date
<u>Jan-Ove Almlı Karlberg</u> Printed Name in English	<u>Jan-Ove Almlı Karlberg</u> Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

I Tor Kreuzer ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "CHANGE MONITORING SPANNING GRAPH QUERIES" ("APPLICATION"), which:

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PATENT ASSIGNMENT

I Åge Kvalnes ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "CHANGE MONITORING SPANNING GRAPH QUERIES" ("APPLICATION"), which:

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I Steffen Viken Valvåg ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "CHANGE MONITORING SPANNING GRAPH QUERIES" ("APPLICATION"), which:

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