

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4171330

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DOUGLAS ALEXANDER HARPER ORR	11/09/2016
MATTHEW JAMES WILLSON	11/15/2016
MARCO FISCATO	11/09/2016
JUHA ISO-SIPILÄ	11/09/2016
JOSEPH OSBORNE	11/10/2016
JAMES PETER JOHN WITHERS	11/09/2016
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:	15356245
CORRESPONDENCE DATA	
Fax Number:	
<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>	
Phone:	2063321380
Email:	assignments@bakerlaw.com
Correspondent Name:	BAKER & HOSTETLER/MICROSOFT CORPORATION
Address Line 1:	999 THIRD AVENUE
Address Line 2:	SUITE 3600
Address Line 4:	SEATTLE, WASHINGTON 98104
ATTORNEY DOCKET NUMBER:	400497-US-NP/100347.0120
NAME OF SUBMITTER:	CHRISTINE M. BATES
SIGNATURE:	/Christine M. Bates/
DATE SIGNED:	12/06/2016

Total Attachments: 12

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PATENT ASSIGNMENT

MS Docket No.: 400497-US-NP

I Douglas Alexander Harper ORR ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "SEQUENCE EXPANDER FOR DATA ENTRY/INFORMATION RETRIEVAL" ("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 November 18, 2016 and given Application No. 15/356,245 by the following Office U.S. 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 "_____";

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:

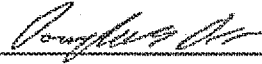
Application No.	Filing Date	Office

PATENT ASSIGNMENT

MS Docket No.: 400497-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"));

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).

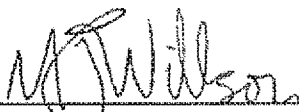
	9/11/2016
_____ Inventor's Signature	_____ Date
Douglas Alexander Harper ORR	
_____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

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 _____ Inventor's Signature	<u>15/11/2016</u> _____ Date
<u>Matthew James WILLSON</u> _____ Printed Name in English	_____ Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

MS Docket No.: 400497-US-NP

I Marco FISCATO ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "SEQUENCE EXPANDER FOR DATA ENTRY/INFORMATION RETRIEVAL" ("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 November 18, 2016 and given Application No. 15/356,245 by the following Office U.S. Patent and Trademark Office) this APPLICATION's Application No., filing date, and Office, when known;

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PATENT ASSIGNMENT

MS Docket No.: 400497-US-NP

I Juha ISO-SIPLÄ ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "SEQUENCE EXPANDER FOR DATA ENTRY/INFORMATION RETRIEVAL" ("APPLICATION"), which:

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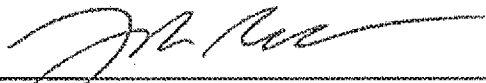
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	9/11/2016
Inventor's Signature	Date
Juha ISO-SIPILÄ	
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

MS Docket No.: 400497-US-NP

I Joseph OSBORNE ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "SEQUENCE EXPANDER FOR DATA ENTRY/INFORMATION RETRIEVAL" ("APPLICATION"), which:

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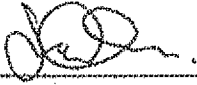
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	10/11/2016
_____ Inventor's Signature	_____ Date
<u>Joseph OSBORNE</u>	_____
Printed Name in English	Printed Name in Native Language (if other than English)

PATENT ASSIGNMENT

MS Docket No.: 400497-US-NP

I James Peter John WITHERS ("ASSIGNOR") am the original inventor or an original joint inventor of subject matter ("INVENTION") disclosed and/or claimed in a patent application entitled "SEQUENCE EXPANDER FOR DATA ENTRY/INFORMATION RETRIEVAL" ("APPLICATION"), which:

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	<u>3/11/2016</u>
Inventor's Signature	Date
<u>James Peter John WITHERS</u>	<u>JAMES PETER JOHN WITHERS</u>
Printed Name in English	Printed Name in Native Language (if other than English)