PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5115524

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
AVI BAR-ZEEV	12/05/2012
GUR KIMCHI	12/10/2012
BRIAN C. BECKMAN	10/19/2012
SCOTT ISAACS	11/29/2012
MEIR BEN-ITAY	11/29/2012
ERAN YARIV	11/29/2012
BLAISE AGUERA Y ARCAS	12/03/2012

RECEIVING PARTY DATA

Name:	MICROSOFT CORPORATION
Street Address:	ONE MICROSOFT WAY
City:	REDMOND
State/Country:	WASHINGTON
Postal Code:	98052

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16115747

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.

Phone: 425-707-9382

Email: usdocket@microsoft.com

Correspondent Name: MICROSOFT CORPORATION

Address Line 1: ONE MICROSOFT WAY

Address Line 4: REDMOND, WASHINGTON 98052

ATTORNEY DOCKET NUMBER:	334567-US-CNT[2]
NAME OF SUBMITTER:	MICHAEL KONDOUDIS
SIGNATURE:	/Michael Kondoudis/
DATE SIGNED:	08/29/2018

PATENT REEL: 046735 FRAME: 0492

Total Attachments: 14 source=1_ExecutedAssignment#page1.tif source=1_ExecutedAssignment#page3.tif source=1_ExecutedAssignment#page4.tif source=1_ExecutedAssignment#page5.tif source=1_ExecutedAssignment#page5.tif source=1_ExecutedAssignment#page6.tif source=1_ExecutedAssignment#page7.tif source=1_ExecutedAssignment#page8.tif source=1_ExecutedAssignment#page9.tif source=1_ExecutedAssignment#page10.tif source=1_ExecutedAssignment#page11.tif source=1_ExecutedAssignment#page12.tif source=1_ExecutedAssignment#page13.tif source=1_ExecutedAssignment#page13.tif source=1_ExecutedAssignment#page14.tif

PATENT REEL: 046735 FRAME: 0493

I <u>Avi Bar-Zeev</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>EVENT SERVICE FOR LOCAL CLIENT APPLICATIONS THROUGH LOCAL SERVER</u>" ("APPLICATION"), which:

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Microsoft Corporation, a Washington Corporation, 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 in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, 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	
	, m, g bacc	Office	

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MS Docket No.: <u>334567.04</u>

MS Docket No.: <u>334567.04</u>

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 in the INVENTION and the APPLICATION (and 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

Date

Avi Bar-Zeev

Printed Name in Native Language

(if other than English)

I <u>Gur Kimchi</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>EVENT SERVICE FOR LOCAL CLIENT APPLICATIONS THROUGH LOCAL SERVER</u>" ("APPLICATION"), which:

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Microsoft Corporation, a Washington Corporation, 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 in the INVENTION and the APPLICATION (and all other applications and patents derived therefrom, such as continuing applications, 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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Page 1 of 2

MS Docket No.: 334567.04

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 in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

Inventor's Signature	Dec (0, 2017 Date
GU Kim	Printed Name in Native Language
	(if other than English)

I <u>Bria</u> r	n C. Beck	<u>man</u> ("A:	SSIGNOR") a	m the or	iginal in	ventor o	r an ori	iginal joint
inventor of	subject	matter	("INVENTION	") disclo	sed and	d/or clai	med in	a patent
application	entitled "	EVENT S	SERVICE FOR	R LOCAL	CLIENT	APPLICA	ATIONS	THROUGH
LOCAL SERVE	ER" ("APPL	ICATION	"), which:					
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Page 1 of 2

MS Docket No.: <u>334567.04</u>

PATENT ASSIGNMENT MS Docket No.: 334567.04

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/ * <i>/</i> /	
Inventor's Signature	Date
Brian C. Beckman	Printed Name in Native Language

I <u>Scott Isaacs</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>EVENT SERVICE FOR LOCAL CLIENT APPLICATIONS THROUGH LOCAL SERVER</u>" ("APPLICATION"), which:

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	ASSI	GNE	E'S legal	representat	ives, of tl	he L	aw and	Corpor	ate	Affairs
	Department, Microsoft Corporation, One Microsoft Way, Redm							mond,		
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PATENT ASSIGNMENT MS Docket No.: 334567.04

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Inventor's Signature Scott Is gacs	11/29/12 Date
Scott Isaacs	Printed Name in Native Language
	(if other than English)

inventor of application	subject matter	("INVENTION") disc SERVICE FOR LOCA	riginal inventor or closed and/or clai AL CLIENT APPLICA	med in a patent
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Page 1 of 2

MS Docket No.: <u>334567.04</u>

MS Docket No.: 334567,04

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 in the INVENTION and the APPLICATION (and APPLICATION DERIVATIVES);

	11/29/2012
Inventor's Signature	Date
Meir Ben-Itay	Printed Name in Native Language
	(if other than English)

PATENT ASSIGNMENT MS Docket No.: 334567.04

I <u>Eran Yariv</u> ("ASSIGNOR' subject matter ("INVENTION") of " <u>EVENT SERVICE FOR LOCA</u> ("APPLICATION"), which:	disclosed and/or claimed	
ASSIGNEE'S legal Department, Micr Washington 9805 here in parenth Application No.		w and Corporate Affairs licrosoft Way, Redmond, RESENTATIVES), to insert and given the following Office this APPLICATION's
	<u>ber 11, 2012</u> and was given he following Office " <u>United</u> ";	
Microsoft Corporation, successors and assigns ("ASSIGE entire and exclusive rights, tit (and all other applications applications, in and for the U("APPLICATION DERIVATIVES"));	GNEE"), is entitled to, and le and interest in the INV and patents derived the	ENTION and the APPLICATION erefrom, such as continuing
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Page 1 of 2

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5	29-Nov-2012
Inventor's Signature	Date
	ערן יריב
Eran Yariv	
Eran Yariv	Printed Name in Native Language
	(if other than English)

I <u>Blaise Aguera y Arcas</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>EVENT SERVICE FOR LOCAL CLIENT APPLICATIONS THROUGH LOCAL SERVER</u>" ("APPLICATION"), which:

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Inventor's Signature	Date 12/3/2012
BLAISE AGIETS & Anos	
Blaise Aguera y Arcas	Printed Name in Native Language